



# MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LIMITED

(Govt. of M.P. Undertaking)

16-A, Arera Hills, Bhopal - 462 011

Tel.: (O) 0755-2765196, 205, 213, 216 (EPBX) Fax : 91-755-2572643

Website : www.mprdc.nic.in.

No. MPRDC/BOT/NH-75-E//2012/ 1838  
Bhopal, dated 14 May, 2012


M/s Sidhi Singrauli Road Project Ltd.,  
2<sup>nd</sup> Floor, Centric Plaza, Plot No. 8,  
Pocket -4, Sector-II,  
Dwaraka, New Delhi

**Sub: Regarding Strengthening, Widening, Maintaining and  
Operating of four laning of Sidhi-Singrauli (NH-75E)  
Road on BOT basis**

Enclosed is the copy of the Concession Agreement and its  
Schedules executed on 14.05.2012 for four laning of Sidhi-Singrauli (NH-  
75-E) on BOT basis for information, record and necessary action.

Yours faithfully,

Encl: As above

  
(Arun Paliwal)  
Dy. General Manager

Copy to:

Shri C.S. Ghatole, Dy. General Manager (NHDP-IV), MPRDC, Bhopal-  
Along with a copy of the Concession Agreement and its Schedules for  
information and necessary action.

The Divisional Manager, MPRDC, Rewa – along with a copy of the  
Concession Agreement and its Schedules for information and necessary  
action.

(Arun Paliwal)  
Dy. General Manager



**CONCESSION AGREEMENT**  
**FOR**  
**DEVELOPMENT OF**  
**FOUR LANING OF SIDHI-SINGRUALI**  
**(NH-75-E) ROAD**

**EXECUTED WITH**  
**M/S SIDHI SINGRUALI ROAD PROJECT**  
**LTD., NEW DELHI**  
**ON 14<sup>th</sup> May, 2012**



**Madhya Pradesh Road Development Corporation Ltd.**  
**16-A, Arera Hills, Bhopal – 462 011**  
**Tel: 0755-2765196, 2765205, 2765213, 2765216**  
**Fax: 0755-2572643**  
**Website: [www.mprdc.nic.in](http://www.mprdc.nic.in)**



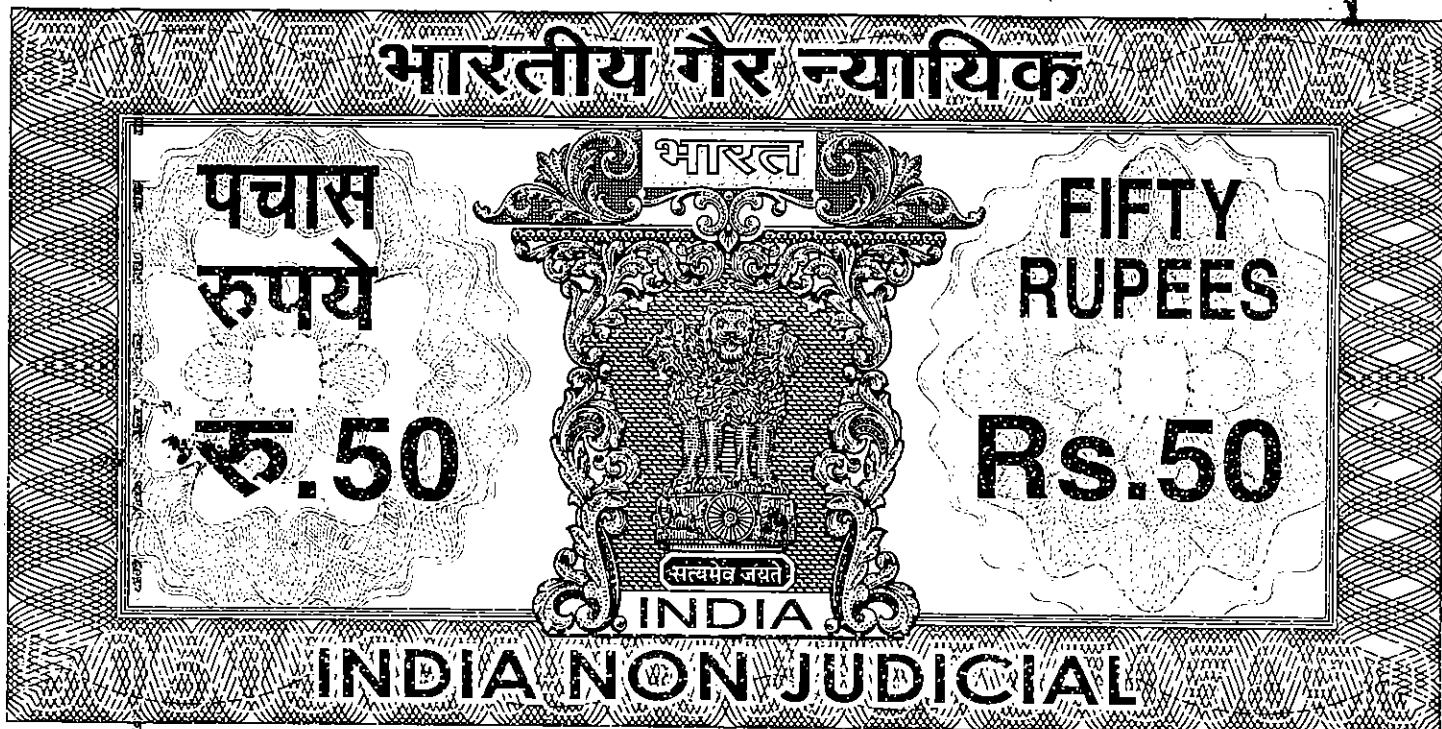


**CONCESSION AGREEMENT FOR FOUR LANING OF SIDHI-  
SINGRAULI ROAD(NH-75E) ON BOT BASIS**

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मध्य प्रदेश MADHYA PRADESH

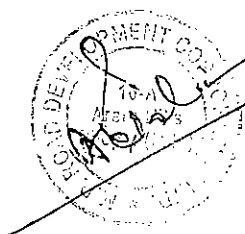
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CONCESSION AGREEMENT FOR FOUR LANING OF SIDHI-SINGRUALI (NH-75-E) ROAD

THIS AGREEMENT IS ENTERED INTO ON THE 14<sup>th</sup> DAY OF MAY, 2012 AT BHOPAL.

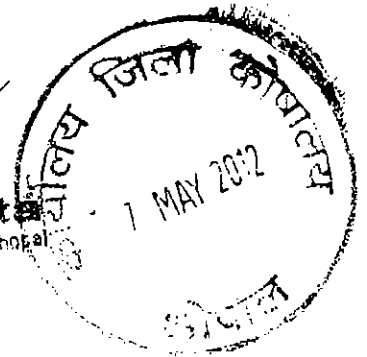
BETWEEN

- 1 MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LTD. a Company incorporated under the provisions of Companies Act, 1956 vide certificate of Incorporation No. U-45203/MP/2004-PIC/16758 dated 14.07.2004 as issued by the Registrar of Companies, Madhya Pradesh, Gwalior and having its registered office at 16-A Arera Hills, Bhopal – 462 011, Madhya Pradesh (hereinafter referred to as the “Authority” which expression shall, unless repugnant to the context or meaning thereof, include its administrators, successors and assigns) of One Part;



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L.N. 392/97/98





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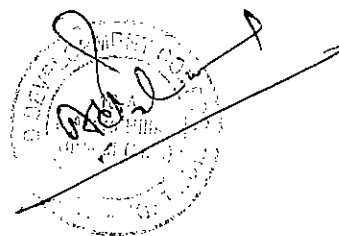
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AND

- 2 M/s SIDHI SINGRAULI ROAD PROEJCT LTD. a company incorporated under the provisions of the Companies Act, 1956 and having its registered office at 2<sup>nd</sup> Floor, Centric Plaza, Plot No. 8, Pocket-4, Sector-II, Dwarka, New Delhi – 110 075, (hereinafter referred to as the "Concessionaire" which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns and substitutes) of the Other Part.

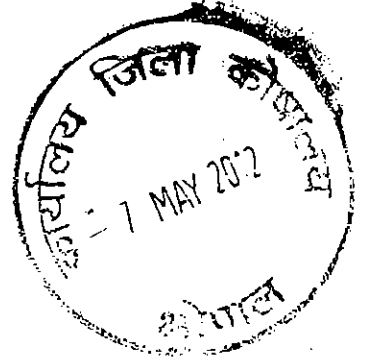
WHEREAS:

- (A) The Government of India had entrusted to the Authority the development, maintenance and management of Four laning of National Highway No. 75-E including the section from km.83/4 to km.195/8 (approx 102.60 km).
- (B) The Authority had resolved to augment the existing road from km, 83/4 to km. 195/8 (approximately 102.60 km) on the Sidhi-Singrauli section of National Highway No.75-E (hereinafter called the "NH 75-E) in Madhya Pradesh by Four-Laning on design, build, finance,



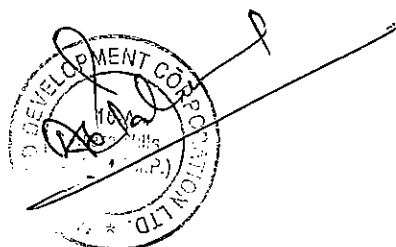
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Stamp Vender Civil Court Bhopal  
L.N. - 392/97/98



operate and transfer ("DBFOT") basis in accordance with the terms and conditions to be set forth in a concession agreement to be entered into.

- (C) The Authority had accordingly invited proposals by its Notice/ Request for Qualification No. MPRDC/BOT/PQ/NHs/2010/8164 dated 03.11.2010 (the "**Request for Qualification**" or "**RFQ**") for short listing of bidders for construction, operation and maintenance of the above referred section of NH -75-E on DBFOT basis and had shortlisted certain bidders including, *inter alia*, the selected bidder M/s Gammon Infrastructure Projects Limited, Gammon House, Veer Savarkar Marg, Prabhadevi, Mumbai. (the "**Selected Bidder**").
- (D) The Authority had prescribed the technical and commercial terms and conditions, and invited bids (the "**Request for Proposals**" or "**RFP**") from the bidders shortlisted pursuant to the RFQ for undertaking the Project.
- (E) After evaluation of the bids received, the Authority had accepted the bid of the selected bidder and issued its Letter of Award No. MPRDC/S-S/NH-75E/BOT/2011/16068 dated 31.03.2012 (hereinafter called the "**LOA**") to the selected bidder requiring, *inter alia*, the execution of this Concession Agreement within 45 (forty-five) days of the date of issue thereof.
- (F) The selected bidder has since promoted and incorporated the Concessionaire as a limited liability company under the Companies Act 1956, and has requested the Authority to accept the Concessionaire as the entity which shall undertake and perform the obligations and exercise the rights of the selected bidder under the LOA, including the obligation to enter into this Concession Agreement pursuant to the LOA for executing the Project.
- (G) By its letter No. GOPL/SS/KB/NI/02 dated 30.04.2012., the Concessionaire has also joined in the said request of the selected

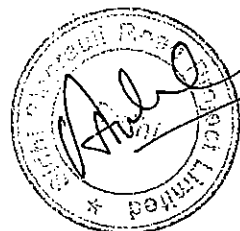
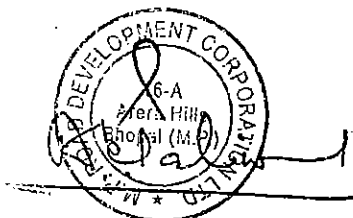


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bidder to the Authority to accept it as the entity which shall undertake and perform the obligations and exercise the rights of the selected bidder including the obligation to enter into this Concession Agreement pursuant to the LOA. The Concessionaire has further represented to the effect that it has been promoted by the selected bidder for the purposes hereof.

- (H) The Authority has agreed to the said request of the selected bidder Concessionaire, and has accordingly agreed to enter into this Concession Agreement with the Concessionaire for execution of the Project on DBFOT basis, subject to and on the terms and conditions set forth hereinafter.

**NOW, THEREFORE**, in consideration of the foregoing and the respective covenants and agreements set forth in this Concession Agreement, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the Parties agree as follows:





ARTICLE 1  
DEFINITIONS AND INTERPRETATION

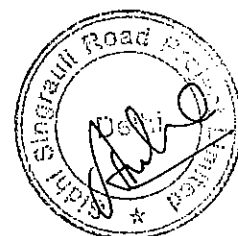
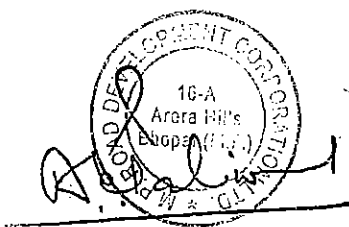
**1.1 Definitions**

The words and expressions beginning with capital letters and defined in this Agreement (including those in Article 48) shall, unless the context otherwise requires, have the meaning ascribed thereto herein, and the words and expressions defined in the Schedules and used therein shall have the meaning ascribed thereto in the Schedules.

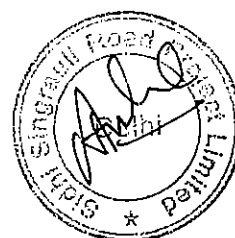
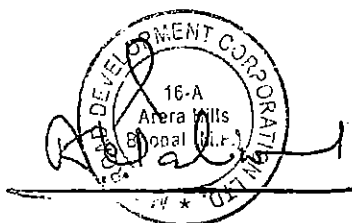
**1.2 Interpretation**

1.2.1 In this Agreement, unless the context otherwise requires,

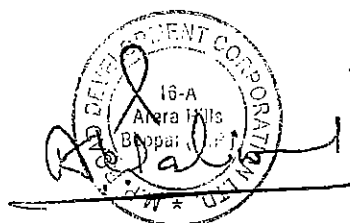
- (a) references to any legislation or any provision thereof shall include amendment or re-enactment or consolidation of such legislation or any provision thereof so far as such amendment or re-enactment or consolidation applies or is capable of applying to any transaction entered into hereunder;
- (b) references to laws of India or Indian law or regulation having the force of law shall include the laws, acts, ordinances, rules, regulations, bye laws or notifications which have the force of law in the territory of India and as from time to time may be amended, modified, supplemented, extended or re-enacted;
- (c) references to a "person" and words denoting a natural person shall be construed as a reference to any individual, firm, company, corporation, society, trust, government, state or agency of a state or any association or partnership (whether or not having separate legal personality) of two or more of the above and shall include successors and assigns;



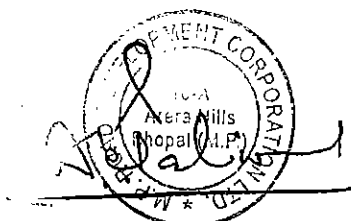
- (d) the table of contents, headings or sub-headings in this Agreement are for convenience of reference only and shall not be used in, and shall not affect, the construction or interpretation of this Agreement;
- (e) the words **"include"** and **"including"** are to be construed without limitation and shall be deemed to be followed by **"without limitation"** or **"but not limited to"** whether or not they are followed by such phrases;
- (f) references to **"construction"** or **"building"** include, unless the context otherwise requires, investigation, design, developing, engineering, procurement, delivery, transportation, installation, processing, fabrication, testing, commissioning and other activities incidental to the construction, and **"construct"** or **"build"** shall be construed accordingly;
- (g) references to **"development"** include, unless the context otherwise requires, construction, renovation, refurbishing, augmentation, up-gradation and other activities incidental thereto, and **"develop"** shall be construed accordingly;
- (h) any reference to any period of time shall mean a reference to that according to Indian Standard Time;
- (i) any reference to day shall mean a reference to a calendar day;
- (j) references to a **"business day"** shall be construed as a reference to a day (other than a Sunday) on which banks in Madhya Pradesh are generally open for business;
- (k) any reference to month shall mean a reference to a calendar month as per the Gregorian calendar;



- (l) references to any date, period or Project Milestone shall mean and include such date, period or Project Milestone as may be extended pursuant to this Agreement;
- (m) any reference to any period commencing "**from**" a specified day or date and "**till**" or "**until**" a specified day or date shall include both such days or dates; provided that if the last day of any period computed under this Agreement is not a business day, then the period shall run until the end of the next business day;
- (n) the words importing singular shall include plural and vice versa;
- (o) references to any gender shall include the other and the neutral gender;
- (p) "**lakh**" means a hundred thousand (100,000) and "**crore**" means ten million (10,000,000);
- (q) "**indebtedness**" shall be construed so as to include any obligation (whether incurred as principal or surety) for the payment or repayment of money, whether present or future, actual or contingent;
- (r) references to the "**winding-up**", "**dissolution**", "**insolvency**", or "**reorganisation**" of a company or corporation shall be construed so as to include any equivalent or analogous proceedings under the law of the jurisdiction in which such company or corporation is incorporated or any jurisdiction in which such company or corporation carries on business including the seeking of liquidation, winding-up, reorganisation, dissolution, arrangement, protection or relief of debtors;



- (s) save and except as otherwise provided in this Agreement, any reference, at any time, to any agreement, deed, instrument, licence or document of any description shall be construed as reference to that agreement, deed, instrument, licence or other document as amended, varied, supplemented, modified or suspended at the time of such reference; provided that this Sub-clause shall not operate so as to increase liabilities or obligations of the Authority hereunder or pursuant hereto in any manner whatsoever;
- (t) any agreement, consent, approval, authorisation, notice, communication, information or report required under or pursuant to this Agreement from or by any Party or the Independent Engineer shall be valid and effective only if it is in writing under the hand of a duly authorised representative of such Party or the Independent Engineer, as the case may be, in this behalf and not otherwise;
- (u) the Schedules and Recitals to this Agreement form an integral part of this Agreement and will be in full force and effect as though they were expressly set out in the body of this Agreement;
- (v) references to Recitals, Articles, Clauses, Sub-clauses or Schedules in this Agreement shall, except where the context otherwise requires, mean references to Recitals, Articles, Clauses, Sub-clauses and Schedules of or to this Agreement, and references to a Paragraph shall, subject to any contrary indication, be construed as a reference to a Paragraph of this Agreement or of the Schedule in which such reference appears;
- (w) the damages payable by either Party to the other of them, as set forth in this Agreement, whether on *per diem* basis or otherwise, are mutually agreed genuine pre-estimated loss



and damage likely to be suffered and incurred by the Party entitled to receive the same and are not by way of penalty (the "Damages"); and

- (x) time shall be of the essence in the performance of the Parties' respective obligations. If any time period specified herein is extended, such extended time shall also be of the essence.

1.2.2 Unless expressly provided otherwise in this Agreement, any Documentation required to be provided or furnished by the Concessionaire to the Authority and/or the Independent Engineer shall be provided free of cost and in three copies, and if the Authority and/or the Independent Engineer is required to return any such Documentation with their comments and/or approval, they shall be entitled to retain two copies thereof.

1.2.3 The rule of construction, if any, that a contract should be interpreted against the parties responsible for the drafting and preparation thereof, shall not apply.

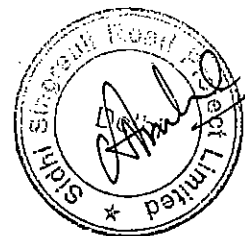
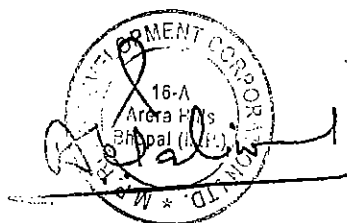
1.2.4 Any word or expression used in this Agreement shall, unless otherwise defined or construed in this Agreement, bear its ordinary English meaning and, for these purposes, the General Clauses Act 1897 shall not apply.

### 1.3 Measurements and arithmetic conventions

All measurements and calculations shall be in the metric system and calculations done to 2 (two) decimal places, with the third digit of 5 (five) or above being rounded up and below 5 (five) being rounded down.

### 1.4 Priority of agreements, clauses and schedules

1.4.1 This Agreement, and all other agreements and documents forming part of or referred to in this agreement are to be taken as mutually



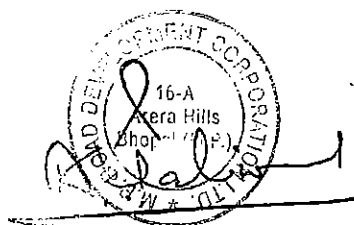
explanatory and, unless otherwise expressly provided elsewhere in this Agreement, the priority of this Agreement and other documents and agreements forming part hereof or referred to herein shall, in the event of any conflict between them, be in the following order:

- (a) this Agreement; and
- (b) all other agreements and documents forming part hereof or referred to herein;

i.e. the Agreement at (a) above shall prevail over the agreements and documents at (b) above.

1.4.2 Subject to the provisions of Clause 1.4.1, in case of ambiguities or discrepancies within this Agreement, the following shall apply:

- (a) between two or more Clauses of this Agreement, the provisions of a specific Clause relevant to the issue under consideration shall prevail over those in other Clauses;
- (b) between the Clauses of this Agreement and the Schedules, the Clauses shall prevail and between Schedules and Annexes, the Schedules shall prevail;
- (c) between any two Schedules, the Schedule relevant to the issue shall prevail;
- (d) between the written description on the Drawings and the Specifications and Standards, the latter shall prevail;
- (e) between the dimension scaled from the Drawing and its specific written dimension, the latter shall prevail; and
- (f) between any value written in numerals and that in words, the latter shall prevail.

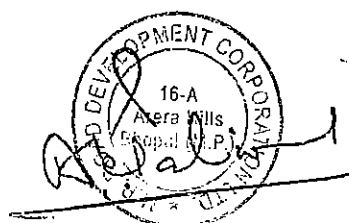
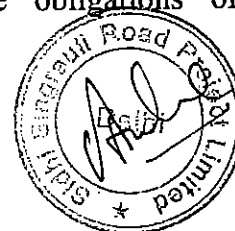


ARTICLE 2  
SCOPE OF THE PROJECT

**2.1 Scope of the Project**

The scope of the Project (the "Scope of the Project") shall mean and include, during the Concession Period:

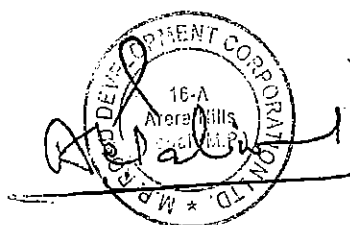
- (a) construction of the Project Highway on the Site set forth in Schedule-A and as specified in Schedule-B together with provision of Project Facilities as specified in Schedule-C, and in conformity with the Specifications and Standards set forth in Schedule-D;
- (b) operation and maintenance of the Project Highway in accordance with the provisions of this Agreement; and
- (c) performance and fulfilment of all other obligations of the Concessionaire in accordance with the provisions of this Agreement and matters incidental thereto or necessary for the performance of any or all of the obligations of the Concessionaire under this Agreement.



ARTICLE 3  
GRANT OF CONCESSION

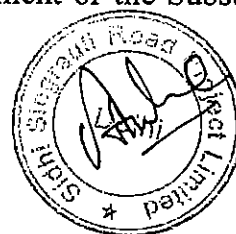
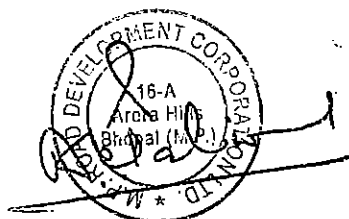
**3.1 The Concession**

- 3.1.1 Subject to and in accordance with the provisions of this Agreement, the Applicable Laws and the Applicable Permits, the Authority hereby grants to the Concessionaire the concession set forth herein including the exclusive right, licence and authority to construct, operate and maintain the Project (the "**Concession**") for a period of **30 (thirty)** years commencing from the Appointed Date, and the Concessionaire hereby accepts the Concession and agrees to implement the Project subject to and in accordance with the terms and conditions set forth herein:
- 3.1.2 Subject to and in accordance with the provisions of this Agreement, the Concession hereby granted shall oblige or entitle (as the case may be) the Concessionaire to:
- (a) Right of Way, access and licence to the Site for the purpose of and to the extent conferred by the provisions of this Agreement;
  - (b) finance and construct the Project Highway;
  - (c) manage, operate and maintain the Project Highway and regulate the use thereof by third parties;
  - (d) demand, collect and appropriate Fee from vehicles and Users liable for payment of Fee for using the Project Highway or any part thereof and refuse entry of any vehicle if the Fee due is not paid;
  - (e) perform and fulfil all of the Concessionaire's obligations under and in accordance with this Agreement;





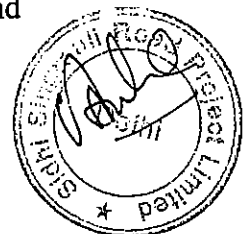
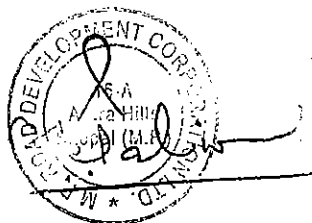
- (f) bear and pay all costs, expenses and charges in connection with or incidental to the performance of the obligations of the Concessionaire under this Agreement; and
- (g) neither assign, transfer or sublet or create any lien or Encumbrance on this Agreement, or the Concession hereby granted or on the whole or any part of the Project Highway nor transfer, lease or part possession thereof, save and except as expressly permitted by this Agreement or the Substitution Agreement.



ARTICLE 4  
CONDITIONS PRECEDENT

**4.1 Conditions Precedent**

- 4.1.1 Save and except as expressly provided in Articles 4, 9, 10, 24, 34, 44 and 47, or unless the context otherwise requires, the respective rights and obligations of the Parties under this Agreement shall be subject to the satisfaction in full of the conditions precedent specified in this Clause 4.1 (the "Conditions Precedent").
- 4.1.2 The Concessionaire may, upon providing the Performance Security to the Authority in accordance with Article 9, at any time after [90 (ninety)] days from the date of this Agreement or on an earlier day acceptable to the Authority, by notice require the Authority to satisfy any or all of the Conditions Precedent set forth in this Clause 4.1.2 within a period of 30 (thirty) days of the notice, or such longer period not exceeding 60 (sixty) days as may be specified therein, and the Conditions Precedent required to be satisfied by the Authority shall be deemed to have been fulfilled when the Authority shall have:
- (a) procured for the Concessionaire the Right of Way to the Site in accordance with the provisions of Clause 10.3.1;
  - (b) deleted
  - (c) deleted
  - (d) procured approval of the Railway authorities in the form of a general arrangement drawing that would enable the Concessionaire to construct road over-bridges/ under-bridges at level crossings on the Project Highway in accordance with the Specifications and Standards and subject to the terms and conditions specified in such approval; and

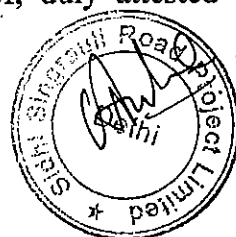
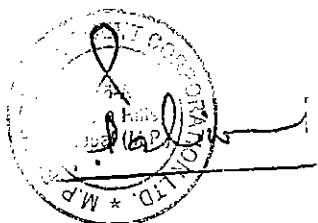


- (e) procured all Applicable Permits relating to environmental protection and conservation of the Site:

Provided that the Authority may from time to time by notice extend, for up to an aggregate of 6 (six) months, the period for procuring the approval set forth in Sub-clause (d) and/ or Sub-clause (e) above and in that event the land to be covered by overbridges or the affected sections of the Project Highway, as the case may be, shall be included in the Appendix referred to in Clause 10.3 and dealt with in accordance with the provisions thereof; and provided further that upon procurement of such approval, the Concessionaire shall be entitled to a period of 12 (twelve) months therefrom for completion of the overbridges. For the avoidance of doubt, the approval specified in Sub-clauses (d) and (e) above shall cease to be a Condition Precedent upon the extension of time under this Proviso.

4.1.3 The Conditions Precedent required to be satisfied by the Concessionaire prior to the Appointed Date shall be deemed to have been fulfilled when the Concessionaire shall have:

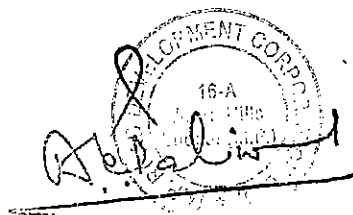
- (a) provided Performance Security to the Authority;
- (b) executed and procured execution of the Escrow Agreement;
- (c) executed and procured execution of the Substitution Agreement;
- (d) procured all the Applicable Permits specified in Schedule-E unconditionally or if subject to conditions, then all such conditions required to be fulfilled by the date specified therein shall have been satisfied in full and such Applicable Permits are in full force and effect;
- (e) executed the Financing Agreements and delivered to the Authority 3 (three) true copies thereof, duly attested by a Director of the Concessionaire;



- (f) delivered to the Authority 3 (three) true copies of the Financial Package and the Financial Model, duly attested by a Director of the Concessionaire, along with 3 (three) soft copies of the Financial Model in MS Excel version or any substitute thereof, which is acceptable to the Senior Lenders;
- (g) delivered to the Authority from the selection bidder its respective confirmation, in original, of the correctness of their representations and warranties set forth in Sub clauses (k), (l) and (m) of clause 7.1 of this Agreement; and
- (h) delivered to the Authority a legal opinion from the legal counsel of the Concessionaire with respect to the authority of the Concessionaire to enter into this Agreement and the enforceability of the provisions thereof:

Provided that upon request in writing by the Concessionaire, the Authority may, in its discretion, waive any of the Conditions Precedent set forth in this Clause 4.1.3. For the avoidance of doubt, the Authority may, in its sole discretion, grant any waiver hereunder with such conditions as it may deem fit.

- 4.1.4 Each Party shall make all reasonable endeavours to satisfy the Conditions Precedent within the time stipulated and shall provide the other Party with such reasonable cooperation as may be required to assist that Party in satisfying the Conditions Precedent for which that Party is responsible.
- 4.1.5 The Parties shall notify each other in writing at least once a month on the progress made in satisfying the Conditions Precedent. Each Party shall promptly inform the other Party when any Condition Precedent for which it is responsible has been satisfied.

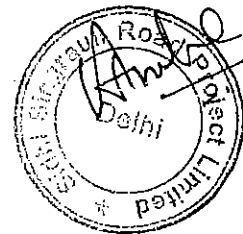
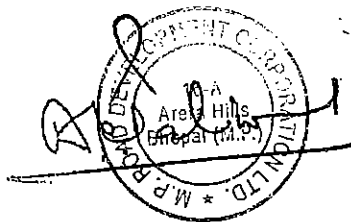



#### 4.2 Damages for delay by the Authority

In the event that (i) the Authority does not procure fulfilment of any or all of the Conditions Precedent set forth in Clause 4.1.2 within the period specified in respect thereof, and (ii) the delay has not occurred as a result of breach of this Agreement by the Concessionaire or due to Force Majeure, the Authority shall pay to the Concessionaire Damages in an amount calculated at the rate of 0.1% (zero point one per cent) of the Performance Security for each day's delay until the fulfilment of such Conditions Precedent, subject to a maximum of 20% (twenty percent) of the Performance Security.

#### 4.3 Damages for delay by the Concessionaire

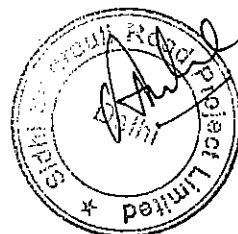
In the event that (i) the Concessionaire does not procure fulfilment of any or all of the Conditions Precedent set forth in Clause 4.1.3 within a period of 180 (one hundred and eighty) days from the date of this Agreement, and (ii) the delay has not occurred as a result of failure to fulfil the obligations under Clause 4.1.2 or other breach of this Agreement by the Authority, or due to Force Majeure, the Concessionaire shall pay to the Authority Damages in an amount calculated at the rate of 0.2% (zero point two per cent) of the Performance Security for each day's delay until the fulfilment of such Conditions Precedent, subject to a maximum of 20% (twenty percent) of the Performance Security.



ARTICLE 5  
**OBLIGATIONS OF THE CONCESSIONAIRE**

**5.1 Obligations of the Concessionaire**

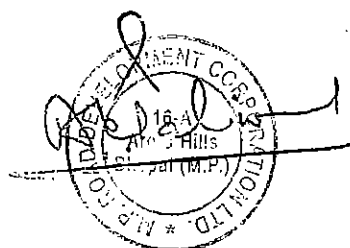
- 5.1.1 Subject to and on the terms and conditions of this Agreement, the Concessionaire shall, at its own cost and expense, procure finance for and undertake the design, engineering, procurement, construction, operation and maintenance of the Project Highway and observe, fulfil, comply with and perform all its obligations set out in this Agreement or arising hereunder.
- 5.1.2 The Concessionaire shall comply with all Applicable Laws and Applicable Permits (including renewals as required) in the performance of its obligations under this Agreement.
- 5.1.3 Subject to the provisions of Clauses 5.1.1 and 5.1.2, the Concessionaire shall discharge its obligations in accordance with Good Industry Practice and as a reasonable and prudent person.
- 5.1.4 The Concessionaire shall, at its own cost and expense, in addition to and not in derogation of its obligations elsewhere set out in this Agreement:
- (a) make, or cause to be made, necessary applications to the relevant Government Instrumentalities with such particulars and details as may be required for obtaining Applicable Permits (other than those set forth in Clause 4.1.2), and obtain and keep in force and effect such Applicable Permits in conformity with the Applicable Laws;
  - (b) procure, as required, the appropriate proprietary rights, licences, agreements and permissions for materials, methods, processes and systems used or incorporated into the Project Highway;



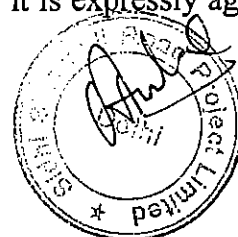
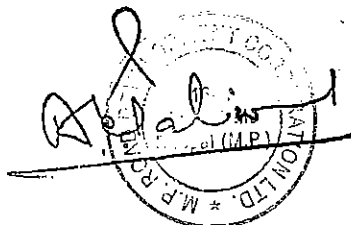
- (c) perform and fulfil its obligations under the Financing Agreements;
- (d) make reasonable efforts to maintain harmony and good industrial relations among the personnel employed by it or its Contractors in connection with the performance of its obligations under this Agreement;
- (e) make reasonable efforts to facilitate the acquisition of land required for the purposes of the Agreement;
- (f) ensure and procure that its Contractors comply with all Applicable Permits and Applicable Laws in the performance by them of any of the Concessionaire's obligations under this Agreement;
- (g) not do or omit to do any act, deed or thing which may in any manner be violative of any of the provisions of this Agreement;
- (h) support, cooperate with and facilitate the Authority in the implementation and operation of the Project in accordance with the provisions of this Agreement; and
- (i) transfer the Project Highway to the Authority upon Termination of this Agreement, in accordance with the provisions thereof.

## 5.2 Obligations relating to Project Agreements

5.2.1 It is expressly agreed that the Concessionaire shall, at all times, be responsible and liable for all its obligations under this Agreement notwithstanding anything contained in the Project Agreements or any other agreement, and no default under any Project Agreement or agreement shall excuse the Concessionaire from its obligations or liability hereunder.



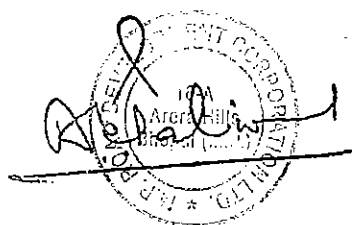
- 5.2.2 The Concessionaire shall submit to the Authority the drafts of all Project Agreements, or any amendments or replacements thereto, for its review and comments, and the Authority shall have the right but not the obligation to undertake such review and provide its comments, if any, to the Concessionaire within 15 (fifteen) days of the receipt of such drafts. Within 7 (seven) days of execution of any Project Agreement or amendment thereto, the Concessionaire shall submit to the Authority a true copy thereof, duly attested by a Director of the Concessionaire, for its record. For the avoidance of doubt, it is agreed that the review and comments hereunder shall be limited to ensuring compliance with the terms of this Agreement. It is further agreed that no review and/or observation of the Authority and/or its failure to review and/or convey its observations on any document shall relieve the Concessionaire of its obligations and liabilities under this Agreement in any manner nor shall the Authority be liable for the same in any manner whatsoever.
- 5.2.3 The Concessionaire shall not make any addition, replacement or amendments to any of the Financing Agreements without the prior written consent of the Authority if such addition, replacement or amendment has, or may have, the effect of imposing or increasing any financial liability or obligation on the Authority, and in the event that any replacement or amendment is made without such consent, the Concessionaire shall not enforce such replacement or amendment nor permit enforcement thereof against the Authority. For the avoidance of doubt, the Authority acknowledges and agrees that it shall not unreasonably withhold its consent for restructuring or rescheduling of the debt of the Concessionaire.
- 5.2.4 The Concessionaire shall procure that each of the Project Agreements contains provisions that entitle the Authority to step into such agreement, in its sole discretion, in substitution of the Concessionaire in the event of Termination or Suspension (the "Covenant"). For the avoidance of doubt, it is expressly agreed that





in the event the Authority does not exercise such rights of substitution within a period not exceeding 90 (ninety) days from the Transfer Date, the Project Agreements shall be deemed to cease to be in force and effect on the Transfer Date without any liability whatsoever on the Authority and the Covenant shall expressly provide for such eventuality. The Concessionaire expressly agrees to include the Covenant in all its Project Agreements and undertakes that it shall, in respect of each of the Project Agreements, procure and deliver to the Authority an acknowledgment and undertaking, in a form acceptable to the Authority, from the counter party(ies) of each of the Project Agreements, whereunder such counter party(ies) shall acknowledge and accept the Covenant and undertake to be bound by the same and not to seek any relief or remedy whatsoever from the Authority in the event of Termination or Suspension.

- 5.2.5 Notwithstanding anything to the contrary contained in this Agreement, the Concessionaire agrees and acknowledges that selection or replacement of an O&M Contractor and execution of the O&M Contract shall be subject to the prior approval of the Authority from national security and public interest perspective, the decision of the Authority in this behalf being final, conclusive and binding on the Concessionaire, and undertakes that it shall not give effect to any such selection or contract without prior approval of the Authority. For the avoidance of doubt, it is expressly agreed that approval of the Authority hereunder shall be limited to national security and public interest perspective, and the Authority shall endeavour to convey its decision thereon expeditiously. It is also agreed that the Authority shall not be liable in any manner on account of grant or otherwise of such approval and that such approval or denial thereof shall not in any manner absolve the Concessionaire or its Contractors from any liability or obligation under this Agreement.

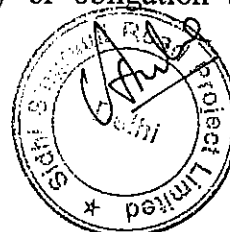
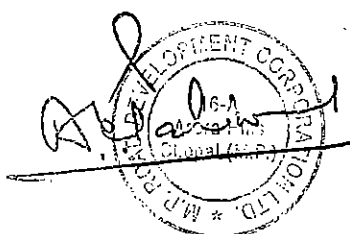


### 5.3 Obligations relating to Change in Ownership

5.3.1 The Concessionaire shall not undertake or permit any Change in Ownership, except with the prior approval of the Authority.

5.3.2 Notwithstanding anything to the contrary contained in this Agreement, the Concessionaire agrees and acknowledges that:

- (i) all acquisitions of Equity by an acquirer, either by himself or with any person acting in concert, directly or indirectly, including by transfer of the direct or indirect legal or beneficial ownership or control of any Equity, in aggregate of not less than 15% (fifteen per cent) of the total Equity of the Concessionaire; or
- (ii) acquisition of any control directly or indirectly of the Board of Directors of the Concessionaire by any person either by himself or together with any person or persons acting in concert with him shall constitute a Change in Ownership requiring prior approval of the Authority from national security and public interest perspective, the decision of the Authority in this behalf being final, conclusive and binding on the Concessionaire, and undertakes that it shall not give effect to any such acquisition of Equity or control of the Board of Directors of the Concessionaire without such prior approval of the Authority. For the avoidance of doubt, it is expressly agreed that approval of the Authority hereunder shall be limited to national security and public interest perspective, and the Authority shall endeavour to convey its decision thereon expeditiously. It is also agreed that the Authority shall not be liable in any manner on account of grant or otherwise of such approval and that such approval or denial thereof shall not in any manner absolve the Concessionaire from any liability or obligation under this Agreement.



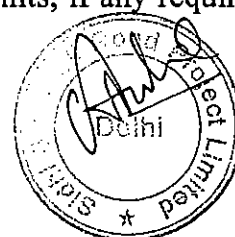
For the purposes of this Clause 5.3.2:

- (a) the expression “acquirer”, “control” and “person acting in concert” shall have the meaning ascribed thereto in the Securities and Exchange Board of India (Substantial Acquisition of Shares and Takeover) Regulations, 1997 or any statutory re-enactment thereof as in force as on the date of acquisition of Equity, or the control of the Board of Directors, as the case may be, of the Concessionaire;
- (b) the indirect transfer or control of legal or beneficial ownership of Equity shall mean transfer of the direct or indirect beneficial ownership or control of any company or companies whether in India or abroad which results in the acquirer acquiring control over the shares or voting rights of shares of the Concessionaire; and
- (c) power to appoint, whether by contract or by virtue of control or acquisition of shares of any company holding directly or through one or more companies (whether situate in India or abroad) the Equity of the Concessionaire, not less than half of the directors on the Board of Directors of the Concessionaire or of any company, directly or indirectly whether situate in India or abroad, having ultimate control of not less than 15% (fifteen per cent) of the Equity of the Concessionaire shall constitute acquisition of control, directly or indirectly, of the Board of Directors of the Concessionaire.

#### 5.4 Employment of foreign nationals

The Concessionaire acknowledges, agrees and undertakes that employment of foreign personnel by the Concessionaire and/or its contractors and their sub-contractors shall be subject to grant of requisite regulatory permits and approvals including employment/residential visas and work permits, if any required, and

*Handwritten signature: R. P. Rao*



the obligation to apply for and obtain the same shall and will always be of the Concessionaire and, notwithstanding anything to the contrary contained in this Agreement, refusal of or inability to obtain any such permits and approvals by the Concessionaire or any of its contractors or sub-contractors shall not constitute Force Majeure Event, and shall not in any manner excuse the Concessionaire from the performance and discharge of its obligations and liabilities under this Agreement.

#### **5.5 Employment of trained personnel**

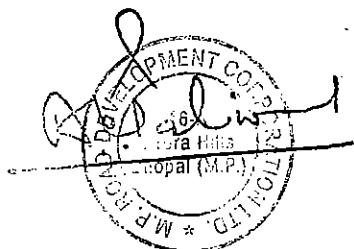
The Concessionaire shall ensure that the personnel engaged by it in the performance of its obligations under this Agreement are at all times properly trained for their respective functions.

#### **5.6 Sole purpose of the Concessionaire**

The Concessionaire having been set up for the sole purpose of exercising the rights and observing and performing its obligations and liabilities under this Agreement, the Concessionaire or any of its subsidiaries shall not, except with the previous written consent of the Authority, be or become directly or indirectly engaged, concerned or interested in any business other than as envisaged herein.

#### **5.7 Branding of Project Highway**

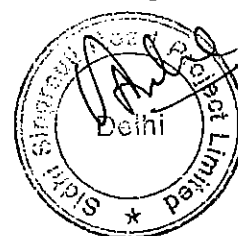
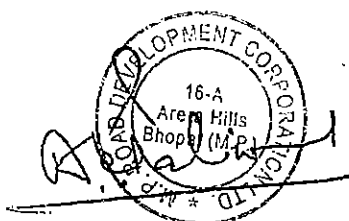
The Project Highway or any part thereof shall not be branded in any manner to advertise, display or reflect the name or identity of the Concessionaire or its shareholders. The Concessionaire undertakes that it shall not, in any manner, use the name or entity of the Project Highway to advertise or display its own identity, brand equity or business interests, including those of its shareholders, save and except as may be necessary in the normal course of business. For the avoidance of doubt, it is agreed that the Concessionaire may display its own name at a spot where other public notices are displayed for the Users. It is further agreed that the Project Highway



shall be known, promoted, displayed and advertised by the name of **Sidhi-Singrauli Highway (for MoRTH)**

**5.8 Facilities for physically challenged and elderly persons**

The Concessionaire shall, in conformity with the guidelines issued from time to time by the Ministry of Social Justice and Empowerment, or a substitute thereof, procure a barrier free environment for the physically or visually challenged and for elderly persons using the Project Highway.

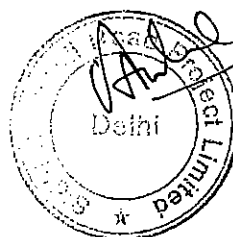
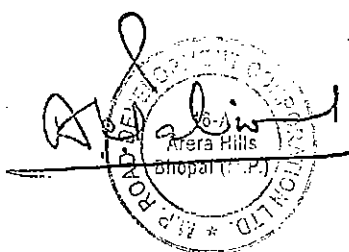


## ARTICLE 6

## OBLIGATIONS OF THE AUTHORITY

## 6.1 Obligations of the Authority

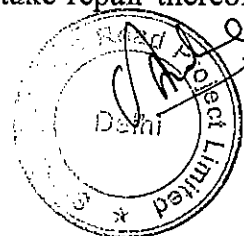
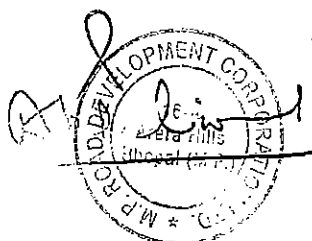
- 6.1.1 The Authority shall, at its own cost and expense undertake, comply with and perform all its obligations set out in this Agreement or arising hereunder.
- 6.1.2 The Authority agrees to provide support to the Concessionaire and undertakes to observe, comply with and perform, subject to and in accordance with the provisions of this Agreement and the Applicable Laws, the following:
- (a) upon written request from the Concessionaire, and subject to the Concessionaire complying with Applicable Laws, provide reasonable support and assistance to the Concessionaire in procuring Applicable Permits required from any Government Instrumentality for implementation and operation of the Project;
  - (b) upon written request from the Concessionaire, provide reasonable assistance to the Concessionaire in obtaining access to all necessary infrastructure facilities and utilities, including water and electricity at rates and on terms no less favourable to the Concessionaire than those generally available to commercial customers receiving substantially equivalent services;
  - (c) procure that no barriers are erected or placed on or about the Project Highway by any Government Instrumentality or persons claiming through or under it, except for reasons of Emergency, national security, law and order or collection of inter-state taxes;



- (d) make best endeavours to procure that no local Tax, toll or charge is levied or imposed on the use of whole or any part of the Project Highway;
- (e) subject to and in accordance with the Applicable Laws, grant to the Concessionaire the authority to regulate traffic on the Project Highway;
- (f) assist the Concessionaire in procuring police assistance for regulation of traffic, removal of trespassers and security on or at the Project Highway;
- (g) not do or omit to do any act, deed or thing which may in any manner be violative of any of the provisions of this Agreement;
- (h) support, cooperate with and facilitate the Concessionaire in the implementation and operation of the Project in accordance with the provisions of this Agreement; and
- (i) upon written request from the Concessionaire and subject to the provisions of Clause 5.4, provide reasonable assistance to the Concessionaire and any expatriate personnel of the Concessionaire or its Contractors to obtain applicable visas and work permits for the purposes of discharge by the Concessionaire or its Contractors their obligations under this Agreement and the Project Agreements.

## 6.2 Maintenance obligations prior to Appointed Date

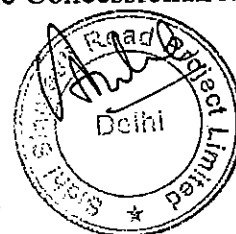
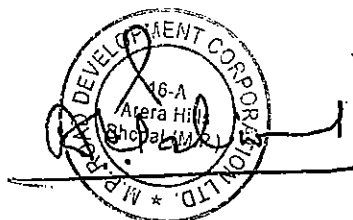
During the Development Period, the Authority shall maintain the Project Highway, at its own cost and expense, so that its traffic worthiness and safety are at no time materially inferior as compared to its condition 7 (seven) days prior to the last date for submission of the Bid, and in the event of any material deterioration or damage other than normal wear and tear, undertake repair thereof, or pay to



the Concessionaire the cost and expense, as determined by the Independent Engineer, for undertaking such repair after the Appointed Date. For the avoidance of doubt, the Authority shall undertake only routine maintenance during the Development Period, and it shall undertake special repairs only for ensuring safe operation of the Project Highway, or in the event of excessive deterioration or damage caused due to unforeseen events such as floods or torrential rain.

### 6.3 Obligations relating to Competing Roads

The Authority shall procure that during the subsistence of this Agreement, neither the Authority nor any Government Instrumentality shall, at any time before the 15<sup>th</sup> (fifteenth) anniversary of the Appointed Date, construct or cause to be constructed any Competing Road; provided that the restriction herein shall not apply if the average traffic on the Project Highway in any year exceeds 90% (ninety percent) of its designed capacity specified in Clause 29.2.3. Upon breach of its obligations hereunder, the Authority shall be liable to payment of compensation to the Concessionaire under and in accordance with Clause 35.4, and such compensation shall be the sole remedy of the Concessionaire.





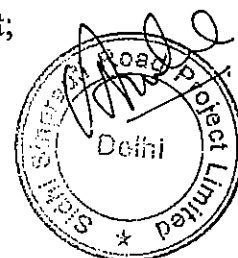
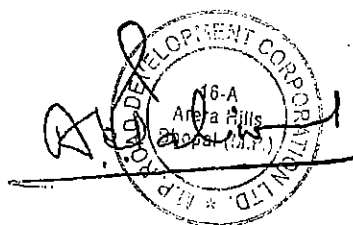
## ARTICLE 7

## REPRESENTATIONS AND WARRANTIES

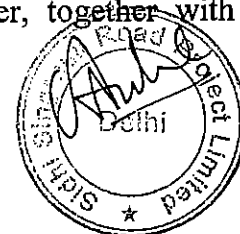
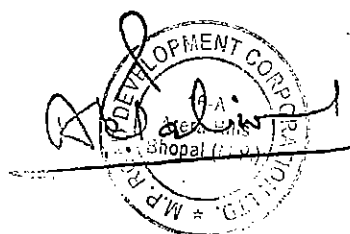
## 7.1 Representations and warranties of the Concessionaire

The Concessionaire represents and warrants to the Authority that:

- (a) it is duly organised and validly existing under the laws of India, and has full power and authority to execute and perform its obligations under this Agreement and to carry out the transactions contemplated hereby;
- (b) it has taken all necessary corporate and other actions under Applicable Laws to authorise the execution and delivery of this Agreement and to validly exercise its rights and perform its obligations under this Agreement;
- (c) it has the financial standing and capacity to undertake the Project in accordance with the terms of this Agreement;
- (d) this Agreement constitutes its legal, valid and binding obligation, enforceable against it in accordance with the terms hereof, and its obligations under this Agreement will be legally valid, binding and enforceable obligations against it in accordance with the terms hereof;
- (e) it is subject to the laws of India, and hereby expressly and irrevocably waives any immunity in any jurisdiction in respect of this Agreement or matters arising thereunder including any obligation, liability or responsibility hereunder;
- (f) the information furnished in the Bid and as updated on or before the date of this Agreement is true and accurate in all respects as on the date of this Agreement;



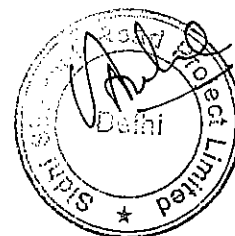
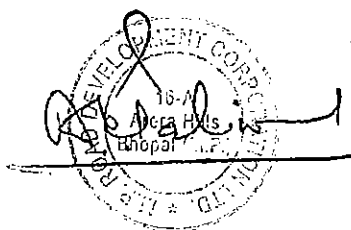
- (g) the execution, delivery and performance of this Agreement will not conflict with, result in the breach of, constitute a default under, or accelerate performance required by any of the terms of its Memorandum and Articles of Association or those of any member of the selected bidder or any Applicable Laws or any covenant, contract, agreement, arrangement, understanding, decree or order to which it is a party or by which it or any of its properties or assets is bound or affected;
- (h) there are no actions, suits, proceedings, or investigations pending or, to its knowledge, threatened against it at law or in equity before any court or before any other judicial, quasi-judicial or other authority, the outcome of which may result in the breach of this Agreement or which individually or in the aggregate may result in any material impairment of its ability to perform any of its obligations under this Agreement;
- (i) it has no knowledge of any violation or default with respect to any order, writ, injunction or decree of any court or any legally binding order of any Government Instrumentality which may result in any material adverse effect on its ability to perform its obligations under this Agreement and no fact or circumstance exists which may give rise to such proceedings that would adversely affect the performance of its obligations under this Agreement;
- (j) it has complied with Applicable Laws in all material respects and has not been subject to any fines, penalties, injunctive relief or any other civil or criminal liabilities which in the aggregate have or may have a material adverse effect on its ability to perform its obligations under this Agreement;
- (k) it shall at no time undertake or permit any Change in Ownership except in accordance with the provisions of Clause 5.3 and that the selected bidder, together with its



Associates, hold not less than 51% (fifty-one percent) of its issued and paid up Equity as on the date of this Agreement; and that the selected bidder whose technical and financial capacity was evaluated for the purposes of pre-qualification and short-listing in response to the Request for Qualification shall hold less than 26% (twenty six per cent) of such Equity during the Construction Period; and two years thereafter along with its Associates.

Provided further that any such request made under Article 7.1(k) and/or Article 48 at the option of the authority may be required to be accompanied by a suitable no objection letter from lenders.

- (l) the selected bidders and its Associates have the financial standing and resources to fund the required Equity and to raise the debt necessary for undertaking and implementing the Project in accordance with this Agreement;
- (m) the selected bidder is duly organised and validly existing under the laws of the jurisdiction of its incorporation, and has requested the Authority to enter into this Agreement with the Concessionaire pursuant to the Letter of Award, and has agreed to and unconditionally accepted the terms and conditions set forth in this Agreement;
- (n) all its rights and interests in the Project Highway shall pass to and vest in the Authority on the Transfer Date free and clear of all liens, claims and Encumbrances, without any further act or deed on its part or that of the Authority, and that none of the Project Assets shall be acquired by it, subject to any agreement under which a security interest or other lien or Encumbrance is retained by any person, save and except as expressly provided in this Agreement;

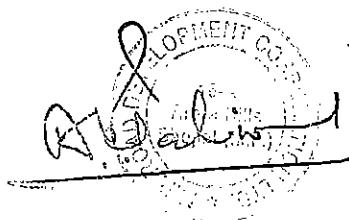


- (o) no representation or warranty by it contained herein or in any other document furnished by it to the Authority or to any Government Instrumentality in relation to Applicable Permits contains or will contain any untrue or misleading statement of material fact or omits or will omit to state a material fact necessary to make such representation or warranty not misleading;
- (p) no sums, in cash or kind, have been paid or will be paid, by it or on its behalf, to any person by way of fees, commission or otherwise for securing the Concession or entering into this Agreement or for influencing or attempting to influence any officer or employee of the Authority in connection therewith; and
- (q) all information provided by the selected bidder in response to the Request for Qualification and Request for Proposals or otherwise, is to the best of its knowledge and belief, true and accurate in all material respects.

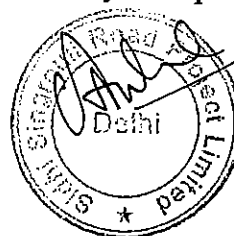
## 7.2 Representations and warranties of the Authority

The Authority represents and warrants to the Concessionaire that:

- (a) it has full power and authority to execute, deliver and perform its obligations under this Agreement and to carry out the transactions contemplated herein and that it has taken all actions necessary to execute this Agreement, exercise its rights and perform its obligations, under this Agreement;
- (b) it has taken all necessary actions under the Applicable Laws to authorise the execution, delivery and performance of this Agreement;



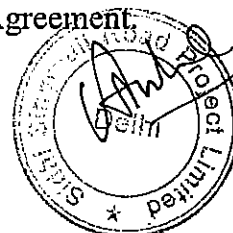
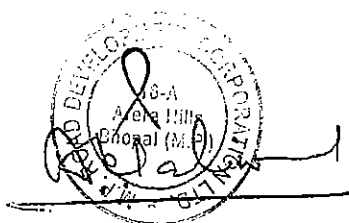
A handwritten signature is written over a circular stamp. The stamp contains the text "DEVELOPMENT CORP." and "Delhi".



- (c) it has the financial standing and capacity to perform its obligations under this Agreement;
- (d) this Agreement constitutes a legal, valid and binding obligation enforceable against it in accordance with the terms hereof;
- (e) it has no knowledge of any violation or default with respect to any order, writ, injunction or any decree of any court or any legally binding order of any Government Instrumentality which may result in any material adverse effect on the Authority's ability to perform its obligations under this Agreement;
- (f) it has complied with Applicable Laws in all material respects;
- (g) it has the right, power and authority to manage and operate the Project Highway up to the Appointed Date; and
- (h) it has good and valid right to the Site, and has power and authority to grant a licence in respect thereto to the Concessionaire.

### 7.3 Disclosure

In the event that any occurrence or circumstance comes to the attention of either Party that renders any of its aforesaid representations or warranties untrue or incorrect, such Party shall immediately notify the other Party of the same. Such notification shall not have the effect of remedying any breach of the representation or warranty that has been found to be untrue or incorrect nor shall it adversely affect or waive any right, remedy or obligation of either Party under this Agreement.

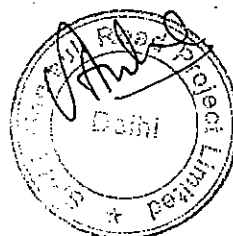
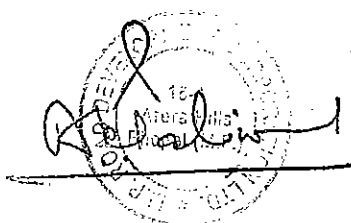


## ARTICLE 8

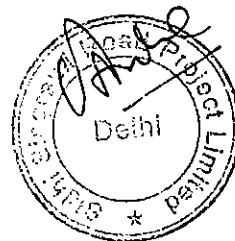
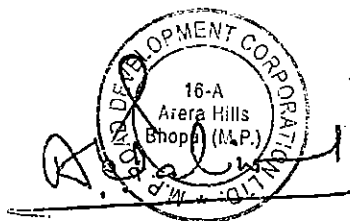
## DISCLAIMER

## 8.1 Disclaimer

- 8.1.1 The Concessionaire acknowledges that prior to the execution of this Agreement, the Concessionaire has, after a complete and careful examination, made an independent evaluation of the Request for Qualification, Request for Proposals, Scope of the Project, Specifications and Standards, Site, existing structures, local conditions, physical qualities of ground, subsoil and geology, traffic volumes and all information provided by the Authority or obtained, procured or gathered otherwise, and has determined to its satisfaction the accuracy or otherwise thereof and the nature and extent of difficulties, risks and hazards as are likely to arise or may be faced by it in the course of performance of its obligations hereunder. The Authority makes no representation whatsoever, express, implicit or otherwise, regarding the accuracy, adequacy, correctness, reliability and/or completeness of any assessment, assumptions, statement or information provided by it and the Concessionaire confirms that it shall have no claim whatsoever against the Authority in this regard.
- 8.1.2 The Concessionaire acknowledges and hereby accepts the risk of inadequacy, mistake or error in or relating to any of the matters set forth in Clause 8.1.1 above and hereby acknowledges and agrees that the Authority shall not be liable for the same in any manner whatsoever to the Concessionaire, and its Associates or any person claiming through or under any of them.
- 8.1.3 The Parties agree that any mistake or error in or relating to any of the matters set forth in Clause 8.1.1 above shall not vitiate this Agreement, or render it voidable.



- 8.1.4 In the event that either Party becomes aware of any mistake or error relating to any of the matters set forth in Clause 8.1.1 above, that Party shall immediately notify the other Party, specifying the mistake or error; provided, however, that a failure on part of the Authority to give any notice pursuant to this Clause 8.1.4 shall not prejudice the disclaimer of the Authority contained in Clause 8.1.1 and shall not in any manner shift to the Authority any risks assumed by the Concessionaire pursuant to this Agreement.
- 8.1.5 Except as otherwise provided in this Agreement, all risks relating to the Project shall be borne by the Concessionaire and the Authority shall not be liable in any manner for such risks or the consequences thereof.



## ARTICLE 9

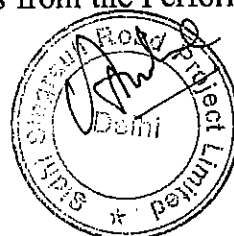
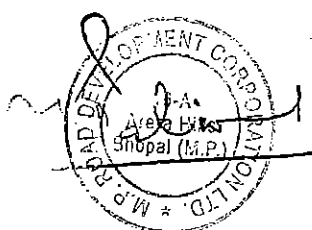
**PERFORMANCE SECURITY****9.1 Performance Security**

9.1.1 The Concessionaire shall, for the performance of its obligations hereunder during the Construction Period, provide to the Authority no later than 180 (one hundred and eighty) days from the date of this Agreement, an irrevocable and unconditional guarantee from a Bank for a sum equivalent to Rs. **43.56 crores (Rupees forty three crores fifty six lacs)** in the form set forth in Schedule-F (the "Performance Security"). Until such time the Performance Security is provided by the Concessionaire pursuant hereto and the same comes into effect, the Bid Security shall remain in force and effect, and upon such provision of the Performance Security pursuant hereto, the Authority shall release the Bid Security to the Concessionaire.

9.1.2 Notwithstanding anything to the contrary contained in this Agreement, in the event Performance Security is not provided by the Concessionaire within a period of 180 (one hundred and eighty) days from the date of this Agreement, the Authority may encash the Bid Security and appropriate the proceeds thereof as Damages, and thereupon all rights, privileges, claims and entitlements of the Concessionaire under or arising out of this Agreement shall be deemed to have been waived by, and to have ceased with the concurrence of the Concessionaire, and this Agreement shall be deemed to have been terminated by mutual agreement of the Parties.

**9.2 Appropriation of Performance Security**

Upon occurrence of a Concessionaire Default or failure to meet any Condition Precedent, the Authority shall, without prejudice to its other rights and remedies hereunder or in law, be entitled to encash and appropriate the relevant amounts from the Performance Security

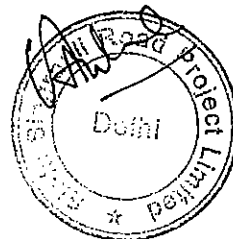
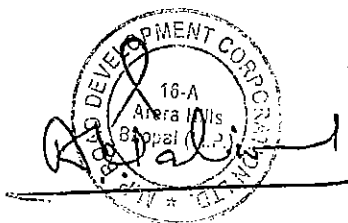




as Damages for such Concessionaire Default or failure to meet any Condition Precedent. Upon such encashment and appropriation from the Performance Security, the Concessionaire shall, within 30 (thirty) days thereof, replenish, in case of partial appropriation, to its original level the Performance Security, and in case of appropriation of the entire Performance Security provide a fresh Performance Security, as the case may be, and the Concessionaire shall, within the time so granted, replenish or furnish fresh Performance Security as aforesaid failing which the Authority shall be entitled to terminate this Agreement in accordance with Article 37. Upon replenishment or furnishing of a fresh Performance Security, as the case may be, as aforesaid, the Concessionaire shall be entitled to an additional Cure Period of 90 (ninety) days for remedying the Concessionaire Default or to meet any Condition Precedent, and in the event of the Concessionaire not curing its default or meeting such Condition Precedent within such Cure Period, the Authority shall be entitled to encash and appropriate such Performance Security as Damages, and to terminate this Agreement in accordance with Article 37.

### 9.3 Release of Performance Security

The Performance Security shall remain in force and effect for a period of one year from the Appointed Date, but shall be released earlier upon the Concessionaire expending on Project construction an aggregate sum that is not less than 20% (twenty per cent) of the Total Project Cost; provided, however, that the Performance Security shall not be released if the Concessionaire is in breach of this Agreement. Upon request made by the Concessionaire for release of the Performance Security along with the particulars which establish satisfaction of the requirements specified under this Clause 9.3, the Authority shall release the Performance Security forthwith.



ARTICLE 10  
RIGHT OF WAY

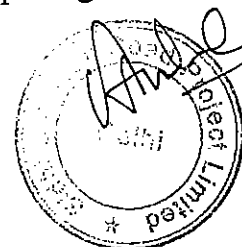
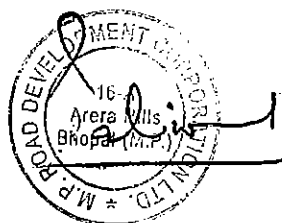
**10.1 The Site**

The site of the Project Highway shall comprise the real estate described in Schedule-A and in respect of which the Right of Way shall be provided and granted by the Authority to the Concessionaire as a licensee under and in accordance with this Agreement (the "Site"). For the avoidance of doubt, it is hereby acknowledged and agreed that references to the Site shall be construed as references to the real estate required for Four-Laning of the Project Highway as set forth in Schedule-A, and in the event of Six-Laning thereof, references to the Site shall be construed as references to the real estate required for such Six-Laning in accordance with the said Schedule.

**10.2 Licence, Access and Right of Way**

10.2.1 The Authority hereby grants to the Concessionaire access to the Site for carrying out any surveys, investigations and soil tests that the Concessionaire may deem necessary during the Development Period, it being expressly agreed and understood that the Authority shall have no liability whatsoever in respect of survey, investigations and tests carried out or work undertaken by the Concessionaire on or about the Site pursuant hereto in the event of Termination or otherwise.

10.2.2 In consideration of the Concession Fee, this Agreement and the covenants and warranties on the part of the Concessionaire herein contained, the Authority, in accordance with the terms and conditions set forth herein, hereby grants to the Concessionaire, commencing from the Appointed Date, leave and licence rights in respect of all the land (along with any buildings, constructions or immovable assets, if any, thereon) comprising the Site which is

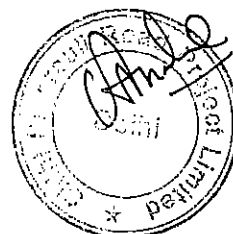
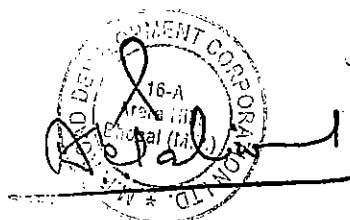


described, delineated and shown in Schedule-A hereto (the "**Licensed Premises**"), on an "as is where is" basis, free of any Encumbrances, to develop, operate and maintain the said Licensed Premises, together with all and singular rights, liberties, privileges, easements and appurtenances whatsoever to the said Licensed Premises, hereditaments or premises or any part thereof belonging to or in any way appurtenant thereto or enjoyed therewith, for the duration of the Concession Period and, for the purposes permitted under this Agreement, and for no other purpose whatsoever.

10.2.3 The licence, access and right of way granted by this Agreement to the Concessionaire shall always be subject to existing rights of way and the Concessionaire shall perform its obligations in a manner that existing lane of the Project Highway or an alternative thereof are open to traffic at all times during the Construction Period.

10.2.4 It is expressly agreed that the licence granted hereunder shall terminate automatically and forthwith, without the need for any action to be taken by the Authority to terminate the licence, upon the Termination of this Agreement for any reason whatsoever. For the avoidance of doubt, the Parties expressly agree that notwithstanding any temporary or permanent structures erected on the Site by the Concessionaire or its sub-licensees, the licence in respect of the Site shall automatically terminate, without any further act of the Parties, upon Termination of this Agreement.

10.2.5 The Concessionaire hereby irrevocably appoints the Authority (or its nominee) to be its true and lawful attorney, to execute and sign in the name of the Concessionaire a transfer or surrender of the licence granted hereunder at any time after the Concession Period has expired or has been terminated earlier in terms hereof, a sufficient proof of which will be the declaration of any duly authorised officer of the Authority, and the Concessionaire consents to it being registered for this purpose.

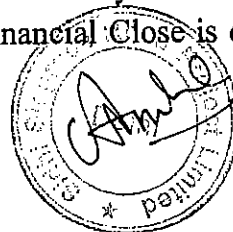
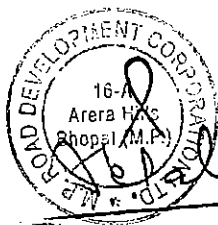


10.2.6 It is expressly agreed that trees on the Site are property of the Authority except that the Concessionaire shall be entitled to exercise usufructory rights thereon during the Concession Period.

### 10.3 Procurement of the Site

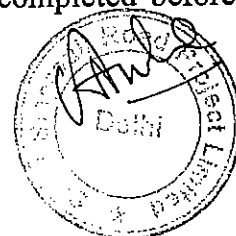
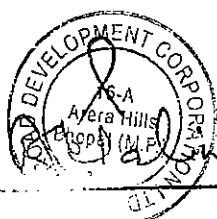
10.3.1 Pursuant to the notice specified in Clause 4.1.2, the Authority Representative and the Concessionaire shall, on a mutually agreed date and time, inspect the Site and prepare a memorandum containing an inventory of the Site including the vacant and unencumbered land, buildings, structures, road works, trees and any other immovable property on or attached to the Site. Such memorandum shall have appended thereto an appendix (the "Appendix") specifying in reasonable detail those parts of the Site to which vacant access and Right of Way has not been granted to the Concessionaire. Signing of the memorandum, in two counterparts (each of which shall constitute an original), by the authorised representatives of the Parties shall, subject to the provisions of Clause 10.2.2, be deemed to constitute a valid licence and Right of Way to the Concessionaire for free and unrestricted use and development of the vacant and unencumbered Site during the Concession Period under and in accordance with the provisions of this Agreement and for no other purpose whatsoever. For the avoidance of doubt, it is agreed that valid licence and Right of Way with respect to the parts of the Site as set forth in the Appendix shall be deemed to have been granted to the Concessionaire upon vacant access thereto being provided by the Authority to the Concessionaire.

10.3.2 Without prejudice to the provisions of Clause 10.3.1, the Parties hereto agree that on or prior to the Appointed Date, the Authority shall have granted vacant access and Right of Way such that the Appendix shall not include more than 20 % (twenty per cent) of the total area of the Site required and necessary for the [Four-Lane] Project Highway, and in the event Financial Close is delayed solely



on account of delay in grant of such vacant access and Right of Way, the Authority shall be liable to payment of Damages under and in accordance with the provisions of Clause 4.2.

- 10.3.3 On and after signing the memorandum referred to in Clause 10.3.1, and until the Transfer Date, the Concessionaire shall maintain a round-the-clock vigil over the Site and shall ensure and procure that no encroachment thereon takes place, and in the event of any encroachment or occupation on any part thereof, the Concessionaire shall report such encroachment or occupation forthwith to the Authority and undertake its removal at its cost and expenses.
- 10.3.4 The Authority shall make best efforts to procure and grant, no later than 90 (ninety) days from the Appointed Date, the Right of Way to the Concessionaire in respect of all land included in the Appendix, and in the event of delay for any reason other than Force Majeure or breach of this Agreement by the Concessionaire, it shall pay to the Concessionaire Damages in a sum calculated at the rate of Rs. 50 (Rupees fifty) per day for every 1,000 (one thousand) square metres or part thereof, commencing from the 91st (ninety first) day of the Appointed Date and until such Right of Way is procured.
- 10.3.5 Upon receiving Right of Way in respect of any land included in the Appendix, the Concessionaire shall complete the Construction Works thereon within a reasonable period to be determined by the Independent Engineer in accordance with Good Industry Practice; provided that the issue of Provisional Certificate shall not be affected or delayed on account of vacant access to any part of the Site not being granted to the Concessionaire or any construction on such part of the Site remaining incomplete on the date of Tests on account of the delay or denial of such access thereto. For the avoidance of doubt, it is expressly agreed that Construction Works on all lands for which Right of Way is granted within 90 (ninety) days of the Appointed Date shall be completed before the Project

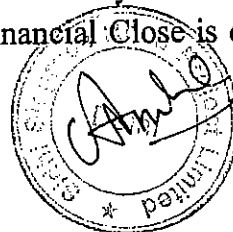
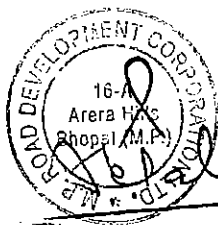


10.2.6 It is expressly agreed that trees on the Site are property of the Authority except that the Concessionaire shall be entitled to exercise usufructory rights thereon during the Concession Period.

### 10.3 Procurement of the Site

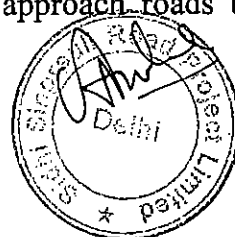
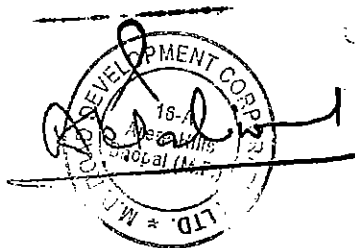
10.3.1 Pursuant to the notice specified in Clause 4.1.2, the Authority Representative and the Concessionaire shall, on a mutually agreed date and time, inspect the Site and prepare a memorandum containing an inventory of the Site including the vacant and unencumbered land, buildings, structures, road works, trees and any other immovable property on or attached to the Site. Such memorandum shall have appended thereto an appendix (the "Appendix") specifying in reasonable detail those parts of the Site to which vacant access and Right of Way has not been granted to the Concessionaire. Signing of the memorandum, in two counterparts (each of which shall constitute an original), by the authorised representatives of the Parties shall, subject to the provisions of Clause 10.2.2, be deemed to constitute a valid licence and Right of Way to the Concessionaire for free and unrestricted use and development of the vacant and unencumbered Site during the Concession Period under and in accordance with the provisions of this Agreement and for no other purpose whatsoever. For the avoidance of doubt, it is agreed that valid licence and Right of Way with respect to the parts of the Site as set forth in the Appendix shall be deemed to have been granted to the Concessionaire upon vacant access thereto being provided by the Authority to the Concessionaire.

10.3.2 Without prejudice to the provisions of Clause 10.3.1, the Parties hereto agree that on or prior to the Appointed Date, the Authority shall have granted vacant access and Right of Way such that the Appendix shall not include more than 20 % (twenty per cent) of the total area of the Site required and necessary for the [Four-Lane] Project Highway, and in the event Financial Close is delayed solely



Completion Date. It is further agreed that the obligation of the Concessionaire to complete the affected Construction Works shall subsist so long as the Authority continues to pay the Damages specified herein, and upon the Authority ceasing to pay 'such Damages after giving 60 (sixty) days' notice thereof to the Concessionaire, the obligation of the Concessionaire to complete such works on such part of the Site shall cease forthwith. It is also expressly agreed that completion of the respective Construction Works within the time determined by the Independent Engineer hereunder shall be deemed to be Project Milestones for the purposes of levy and recovery of Damages under and in accordance with the provisions of Clause 12.4.2.

- 10.3.6 The Concessionaire shall, if so required by the Authority, procure on behalf of the Authority, on the terms and to the extent specified by the Authority, the additional land required for [Toll Plazas, Traffic Aid Posts, Medical Aid Posts, under passes and over passes or for] construction of works specified in Change of Scope Order issued under Article 16, in accordance with this Agreement and upon procurement, such land shall form part of the Site and vest in the Authority; provided that the Concessionaire may, by notice given to the Authority no later than 60 (sixty) days from [the Appointed Date or the date of Change of Scope Order, as the case may be,] require the Authority to initiate and undertake proceedings for acquisition of such land under the provisions of the National Highways Act, 1956 and the Authority shall take all such steps as may be reasonably necessary for such land acquisition forthwith; provided further that the cost of land acquired under this Clause 10.3.6 shall be borne by the Authority in accordance with the Act; provided also that the land to be acquired by the Authority hereunder as a part of the Site shall be deemed to be included in the Appendix referred to in this Clause 10.3 and dealt with in accordance with the provisions thereof. For the avoidance of doubt, it is agreed that the minimum area of land to be acquired for the Toll Plazas and approach roads thereof shall



conform to the provisions of Schedule - B and Schedule - C. It is further agreed that the Authority may, at any time after the Bid Date, *suo moto* acquire the land required hereunder.

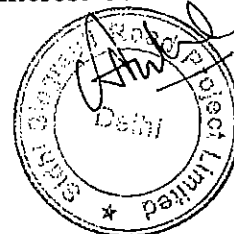
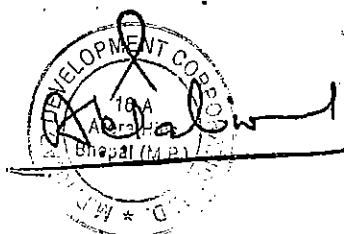
10.3.7 The Concessionaire may procure at its cost and expense and on its own the land that may be required by it for Additional Facilities and the Authority shall have no obligation or liability in respect thereof. For the avoidance of doubt, the Concessionaire shall seek prior consent of the Authority to connect any Additional Facility to the Project Highway and such consent shall not be unreasonably withheld.

#### 10.4 Site to be free from Encumbrances

Subject to the provisions of Clause 10.3, the Site shall be made available by the Authority to the Concessionaire pursuant hereto free from all Encumbrances and occupations and without the Concessionaire being required to make any payment to the Authority on account of any costs, compensation, expenses and charges for the acquisition and use of such Site for the duration of the Concession Period, except insofar as otherwise expressly provided in this Agreement. For the avoidance of doubt, it is agreed that existing rights of way, easements, privileges, liberties and appurtenances to the Licensed Premises shall not be deemed to be Encumbrances. It is further agreed that the Concessionaire accepts and undertakes to bear any and all risks arising out of the inadequacy or physical condition of the Site.

#### 10.5 Protection of Site from encroachments

During the Concession Period, the Concessionaire shall protect the Site from any and all occupations, encroachments or Encumbrances, and shall not place or create nor permit any Contractor or other person claiming through or under the Concessionaire to place or create any Encumbrance or security interest over all or any part of





the Site or the Project Assets, or on any rights of the Concessionaire therein or under this Agreement, save and except as otherwise expressly set forth in this Agreement.

#### **10.6 Special/temporary right of way**

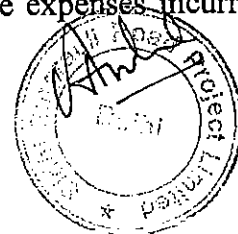
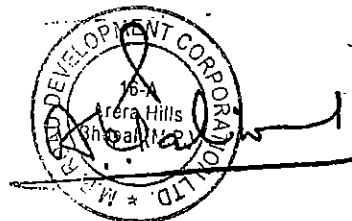
The Concessionaire shall bear all costs and charges for any special or temporary right of way required by it in connection with access to the Site. The Concessionaire shall obtain at its cost such facilities on or outside the Site as may be required by it for the purposes of the Project Highway and the performance of its obligations under this Agreement.

#### **10.7 Access to the Authority and Independent Engineer**

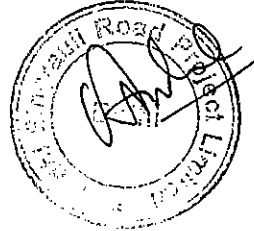
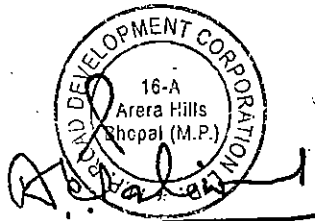
The licence, right of way and right to the Site granted to the Concessionaire hereunder shall always be subject to the right of access of the Authority and the Independent Engineer and their employees and agents for inspection, viewing and exercise of their rights and performance of their obligations under this Agreement.

#### **10.8 Geological and archaeological finds**

It is expressly agreed that mining, geological or archaeological rights do not form part of the licence granted to the Concessionaire under this Agreement and the Concessionaire hereby acknowledges that it shall not have any mining rights or interest in the underlying minerals, fossils, antiquities, structures or other remnants or things either of particular geological or archaeological interest and that such rights, interest and property on or under the Site shall vest in and belong to the Authority or the concerned Government Instrumentality. The Concessionaire shall take all reasonable precautions to prevent its workmen or any other person from removing or damaging such interest or property and shall inform the Authority forthwith of the discovery thereof and comply with such instructions as the concerned Government Instrumentality may reasonably give for the removal of such property. For the avoidance of doubt, it is agreed that any reasonable expenses incurred by the



Concessionaire hereunder shall be reimbursed by the Authority. It is also agreed that the Government shall procure that the instructions hereunder are issued by the concerned Government Instrumentality within a reasonable period.



## ARTICLE 11

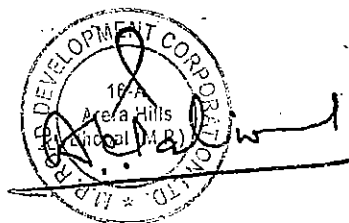
## UTILITIES, ASSOCIATED ROADS AND TREES

## 11.1 Existing utilities and roads

Notwithstanding anything to the contrary contained herein, the Concessionaire shall ensure that the respective entities owning the existing roads, right of way or utilities on, under or above the Site are enabled by it to keep such utilities in continuous satisfactory use, if necessary, by providing suitable temporary or permanent diversions with the authority of the controlling body of that road, right of way or utility, and the Authority shall, upon written request from the Concessionaire, initiate and undertake at the Concessionaire's cost, legal proceedings for acquisition of any right of way necessary for such diversion.

## 11.2 Shifting of obstructing utilities

The Concessionaire shall, subject to Applicable Laws and with assistance of the Authority, undertake shifting of any utility including electric lines, water pipes and telephone cables, to an appropriate location or alignment within or outside the Site if and only if such utility causes or shall cause a material adverse effect on the construction, operation or maintenance of the Project Highway. The cost of such shifting shall be borne by the Authority or by the entity owning such utility, if the Authority so directs, and in the event of any delay in shifting thereof, the Concessionaire shall be excused for failure to perform any of its obligations hereunder if such failure is a direct consequence of delay on the part of the entity owning such electric lines, water pipes or telephone cables, as the case may be.

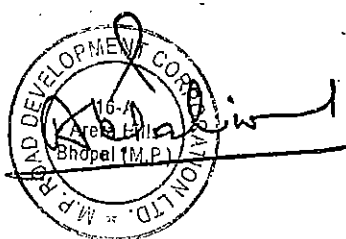


### 11.3 New utilities and roads

11.3.1 The Concessionaire shall allow, subject to such conditions as the Authority may specify, access to, and use of the Site for laying telephone lines, water pipes, electric cables or other public utilities. Where such access or use causes any financial loss to the Concessionaire, it may require the user of the Site to pay compensation or damages as per Applicable Laws. For the avoidance of doubt, it is agreed that use of the Site under this Clause shall not in any manner relieve the Concessionaire of its obligation to maintain the Project Highway in accordance with this Agreement and any damage caused by such use shall be restored forthwith.

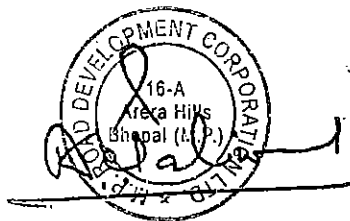
11.3.2 The Authority may, by notice require the Concessionaire to connect any adjoining road to the Project Highway. Upon receipt of a notice hereunder, the connecting portion thereof falling within the Site shall be constructed by the Concessionaire at the Authority's cost in accordance with Article 16, and the maintenance thereof shall be undertaken by the Concessionaire in accordance with the provisions of Clause 17.1.3.

11.3.3 The Authority may by notice require the Concessionaire to connect, through a paved road, any adjoining service station, hotel, motel or any other public facility or amenity to the Project Highway, whereupon the connecting portion thereof that falls within the Site shall be constructed and maintained by the Concessionaire upon advance payment of the cost to be made by the beneficiary entity in accordance with the amount and period as determined by the Independent Engineer. For the avoidance of doubt, any connecting road constructed prior to the Appointed Date and falling within the Site shall be maintained by the Concessionaire upon advance payment to be made by the beneficiary entity in accordance with the provisions of this Clause.



#### 11.4 Felling of trees

The Authority shall assist the Concessionaire in obtaining the Applicable Permits for felling of trees to be identified by the Authority for this purpose if and only if such trees cause a material adverse effect on the construction, operation or maintenance of the Project Highway. The cost of such felling shall be borne by the Authority, and in the event of any delay in felling thereof for reasons beyond the control of the Concessionaire, it shall be excused for failure to perform any of its obligations hereunder if such failure is a direct consequence of delay in the felling of trees. For the avoidance of doubt, the Parties hereto agree that the felled trees shall be deemed to be owned by the Authority and shall be disposed in such manner and subject to such conditions as the Authority may in its sole discretion deem appropriate.



## ARTICLE 12

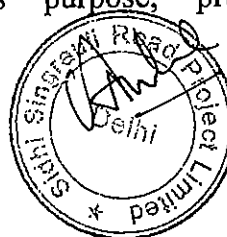
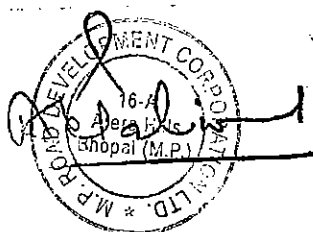
**CONSTRUCTION OF THE PROJECT HIGHWAY****12.1 Obligations prior to commencement of construction**

Prior to commencement of Construction Works, the Concessionaire shall:

- (a) submit to the Authority and the Independent Engineer its detailed design, construction methodology, quality assurance procedures, and the procurement, engineering and construction time schedule for completion of the Project in accordance with the Project Completion Schedule as set forth in Schedule-G;
- (b) appoint its representative duly authorised to deal with the Authority in respect of all matters under or arising out of or relating to this Agreement;
- (c) undertake, do and perform all such acts, deeds and things as may be necessary or required before commencement of construction under and in accordance with this Agreement, the Applicable Laws and Applicable Permits; and
- (d) make its own arrangements for quarrying of materials needed for the Project Highway under and in accordance with the Applicable Laws and Applicable Permits.

**12.2 Maintenance during Construction Period**

During the Construction Period, the Concessionaire shall maintain, at its cost, the existing lane(s) of the Project Highway so that the traffic worthiness and safety thereof are at no time materially inferior as compared to their condition 7 (seven) days prior to the date of this Agreement, and shall undertake the necessary repair and maintenance works for this purpose; provided that the

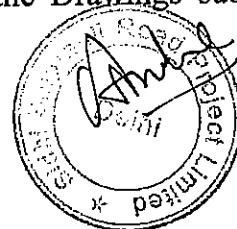
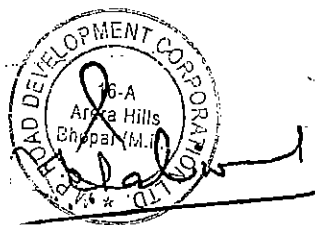


Concessionaire may, at its cost, interrupt and divert the flow of traffic if such interruption and diversion is necessary for the efficient progress of Construction Works and conforms to Good Industry Practice; provided further that such interruption and diversion shall be undertaken by the Concessionaire only with the prior written approval of the Independent Engineer which approval shall not be unreasonably withheld. For the avoidance of doubt, it is agreed that the Concessionaire shall at all times be responsible for ensuring safe operation of the Project Highway.

### 12.3 Drawings

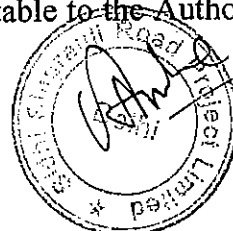
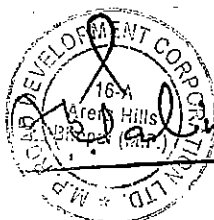
In respect of the Concessionaire's obligations relating to the Drawings of the Project Highway as set forth in Schedule-H, the following shall apply:

- (a) The Concessionaire shall prepare and submit, with reasonable promptness and in such sequence as is consistent with the Project Completion Schedule, three copies each of all Drawings to the Independent Engineer for review;
- (b) By submitting the Drawings for review to the Independent Engineer, the Concessionaire shall be deemed to have represented that it has determined and verified that the design and engineering, including field construction criteria related thereto, are in conformity with the Scope of the Project and the Specifications and Standards;
- (c) Within 15 (fifteen) days of the receipt of the Drawings, the Independent Engineer shall review the same and convey its observations to the Concessionaire with particular reference to their conformity or otherwise with the Scope of the Project and the Specifications and Standards. The Concessionaire shall not be obliged to await the observations of the Independent Engineer on the Drawings submitted pursuant



hereto beyond the said 15 (fifteen) days period and may begin or continue Construction Works at its own discretion and risk;

- (d) If the aforesaid observations of the Independent Engineer indicate that the Drawings are not in conformity with the Scope of the Project or the Specifications and Standards, such Drawings shall be revised by the Concessionaire and resubmitted to the Independent Engineer for review. The Independent Engineer shall give its observations, if any, within 7 (seven) days of receipt of the revised Drawings;
- (e) No review and/or observation of the Independent Engineer and/or its failure to review and/or convey its observations on any Drawings shall relieve the Concessionaire of its obligations and liabilities under this Agreement in any manner nor shall the Independent Engineer or the Authority be liable for the same in any manner;
- (f) Without prejudice to the foregoing provisions of this Clause 12.3, the Concessionaire shall submit to the Authority for review and comments, its Drawings relating to alignment of the Project Highway, finished road level, location and layout of the Toll Plaza[s] and general arrangement drawings of major bridges, flyovers and grade separators, and the Authority shall have the right but not the obligation to undertake such review and provide its comments, if any, within 30 (thirty) days of the receipt of such Drawings. The provisions of this Clause 12.3 shall apply *mutatis mutandis* to the review and comments hereunder; and
- (g) Within 90 (ninety) days of the Project Completion Date, the Concessionaire shall furnish to the Authority and the Independent Engineer a complete set of as-built Drawings, in 2 (two) hard copies and in micro film form or in such other medium as may be acceptable to the Authority, reflecting the



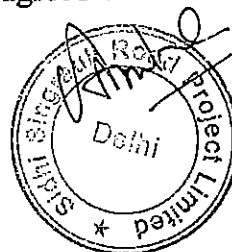
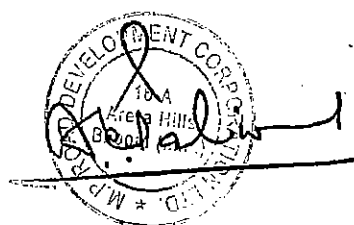


Project Highway as actually designed, engineered and constructed, including an as-built survey illustrating the layout of the Project Highway and setback lines, if any, of the buildings and structures forming part of Project Facilities.

#### 12.4 Four-Laning of the Project Highway

12.4.1 On or after the Appointed Date, the Concessionaire shall undertake construction of Four-Laning as specified in Schedule-B and Schedule-C, and in conformity with the Specifications and Standards set forth in Schedule-D. The 730th (seven hundred and thirtieth) day from the Appointed Date shall be the scheduled date for completion of Four-Laning (the "Scheduled Four-Laning Date") and the Concessionaire agrees and undertakes that Four-Laning shall be completed on or before the Scheduled[Four-Laning]Date.

12.4.2 The Concessionaire shall construct the Project Highway in accordance with the Project Completion Schedule set forth in Schedule-G. In the event that the Concessionaire fails to achieve any Project Milestone within a period of 90 (ninety) days from the date set forth for such Milestone in Schedule-G, unless such failure has occurred due to Force Majeure or for reasons solely attributable to the Authority, it shall pay Damages to the Authority in a sum calculated at the rate of 0.1% (zero point one per cent) of the amount of Performance Security for delay of each day until such Milestone is achieved; provided that if any or all Project Milestones or the Scheduled Four-Laning Date are extended in accordance with the provisions of this Agreement, the dates set forth in Schedule-G shall be deemed to be modified accordingly and the provisions of this Agreement shall apply as if Schedule-G has been amended as above; provided further that in the event Project Completion Date is achieved on or before the Scheduled Four-Laning Date, the Damages paid under this Clause 12.4.2 shall be refunded by the Authority to the Concessionaire, but without any interest thereon. For the avoidance of doubt, it is agreed that recovery of Damages

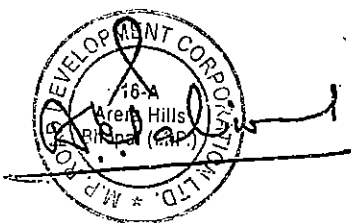


under this Clause 12.4.2 shall be without prejudice to the rights of the Authority under this Agreement, including the right of Termination thereof.

12.4.3 In the event that Four-Laning is not completed within 270 (two hundred and seventy) days from the Scheduled Four-Laning Date, unless the delay is on account of reasons solely attributable to the Authority or due to Force Majeure, the Authority shall be entitled to terminate this Agreement.

#### 12.5 Construction of service roads by the Authority

The Authority shall, at any time after the 12th (twelfth) anniversary of the Appointed Date, be entitled in its discretion to undertake at its cost, construction of service roads on the Project Highway in accordance with the specifications and standards applicable to other district roads (ODRs) in the State. Such construction shall be undertaken without causing undue disruption to traffic and upon its completion, the Concessionaire shall have the obligation to maintain the service roads in accordance with Good Industry Practice and regulate the use thereof in accordance with the provisions of this Agreement.



ARTICLE 13  
**MONITORING OF CONSTRUCTION**

**13.1 Monthly progress reports**

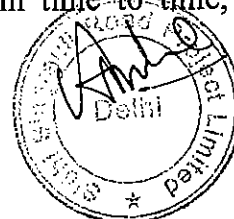
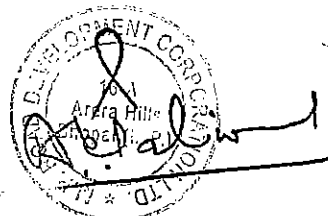
During the Construction Period, the Concessionaire shall, no later than 7 (seven) days after the close of each month, furnish to the Authority and the Independent Engineer a monthly report on progress of the Construction Works and shall promptly give such other relevant information as may be required by the Independent Engineer.

**13.2 Inspection**

During the Construction Period, the Independent Engineer shall inspect the Project Highway at least once a month and make a report of such inspection (the "Inspection Report") stating in reasonable detail the defects or deficiencies, if any, with particular reference to the Scope of the Project and Specifications and Standards. It shall send a copy of the Inspection Report to the Authority and the Concessionaire within 7 (seven) days of such inspection and upon receipt thereof, the Concessionaire shall rectify and remedy the defects or deficiencies, if any, stated in the Inspection Report. Such inspection or submission of Inspection Report by the Independent Engineer shall not relieve or absolve the Concessionaire of its obligations and liabilities hereunder in any manner whatsoever.

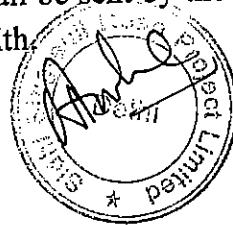
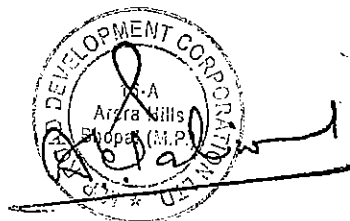
**13.3 Tests**

13.3.1 For determining that the Construction Works conform to the Specifications and Standards, the Independent Engineer shall require the Concessionaire to carry out or cause to be carried out tests, at such time and frequency and in such manner as may be specified by the Independent Engineer from time to time, in accordance with



Good Industry Practice for quality assurance. The size of sample for such tests shall, to the extent possible, not exceed 10% (ten per cent) of the quantity and/or number of tests prescribed by IRC and/or MORTH for the construction works undertaken by the Authority through their contractors. The Concessionaire shall, with due diligence, carry out or cause to be carried out all the tests in accordance with the instructions of the Independent Engineer and furnish the results thereof to the Independent Engineer. One half of the costs incurred on such tests, and to the extent certified by the Independent Engineer as reasonable, shall be reimbursed by the Authority to the Concessionaire. For the avoidance of doubt, the costs to be incurred on any Test which is undertaken for determining the rectification of any defect or deficiency in construction shall be borne solely by the Concessionaire.

- 13.3.2 In the event that results of any tests conducted under this Clause 13.3 establish any defects or deficiencies in the Construction Works, the Concessionaire shall carry out remedial measures and furnish a report to the Independent Engineer in this behalf. The Independent Engineer shall require the Concessionaire to carry out or cause to be carried out tests to determine that such remedial measures have brought the Construction Works into compliance with the Specifications and Standards, and the procedure set forth in this Clause 13.3 shall be repeated until such Construction Works conform to the Specifications and Standards. For the avoidance of doubt, it is agreed that tests pursuant to this Clause 13.3 shall be undertaken in addition to and independent of the tests that shall be carried out by the Concessionaire for its own quality assurance in accordance with Good Industry Practice. It is also agreed that a copy of the results of such tests shall be sent by the Concessionaire to the Independent Engineer forthwith.



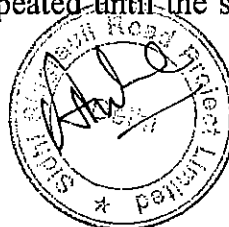
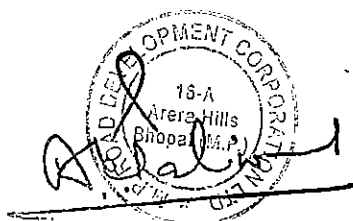
#### 13.4 Delays during construction

Without prejudice to the provisions of Clause 12.4.2, if the Concessionaire does not achieve any of the Project Milestones or the Independent Engineer shall have reasonably determined that the rate of progress of Construction Works is such that [Four-Laning] is not likely to be achieved by the Scheduled Four-Laning Date, it shall notify the Concessionaire to this effect, and the Concessionaire shall, within 15 (fifteen) days of such notice, by a communication inform the Independent Engineer in reasonable detail about the steps it proposes to take to expedite progress and the period within which it shall achieve the Project Completion Date.

#### 13.5 Suspension of unsafe Construction Works

13.5.1 Upon recommendation of the Independent Engineer to this effect, the Authority may by notice require the Concessionaire to suspend forthwith the whole or any part of the Construction Works if, in the reasonable opinion of the Authority, such work threatens the safety of the Users and pedestrians.

13.5.2 The Concessionaire shall, pursuant to the notice under Clause 13.5.1, suspend the Construction Works or any part thereof for such time and in such manner as may be specified by the Authority and thereupon carry out remedial measures to secure the safety of suspended works and the Users. The Concessionaire may by notice require the Independent Engineer to inspect such remedial measures forthwith and make a report to the Authority recommending whether or not the suspension hereunder may be revoked. Upon receiving the recommendations of the Independent Engineer, the Authority shall either revoke such suspension or instruct the Concessionaire to carry out such other and further remedial measures as may be necessary in the reasonable opinion of the Authority, and the procedure set forth in this Clause 13.5 shall be repeated until the suspension hereunder is revoked.

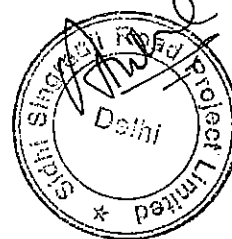
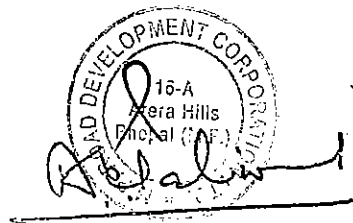


13.5.3 Subject to the provisions of Clause 34.7, all reasonable costs incurred for maintaining and protecting the Construction Works or part thereof during the period of suspension (the "Preservation Costs"), shall be borne by the Concessionaire; provided that if the suspension has occurred as a result of any breach of this Agreement by the Authority, the Preservation Costs shall be borne by the Authority.

13.5.4 If suspension of Construction Works is for reasons not attributable to the Concessionaire, the Independent Engineer shall determine any extension of the dates set forth in the Project Completion Schedule to which the Concessionaire is reasonably entitled, and shall notify the Authority accordingly whereupon the Authority shall extend such Project Completion Schedule dates in accordance with the recommendations of the Independent Engineer. In the event that the Scheduled Four-Laning Date is extended pursuant hereto, the Concession Period shall be deemed to be extended by a period equal in length to the period of extension of the Scheduled Four-Laning Date.

### 13.6 Video recording

During the Construction Period, the Concessionaire shall provide to the Authority for every calendar quarter, a video recording, which will be compiled into a 3 (three)-hour compact disc or digital video disc, as the case may be, covering the status and progress of Construction Works in that quarter. The first such video recording shall be provided to the Authority within 7 (seven) days of the Appointed Date and thereafter, no later than 15 (fifteen) days after the close of each quarter.



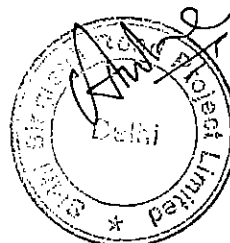
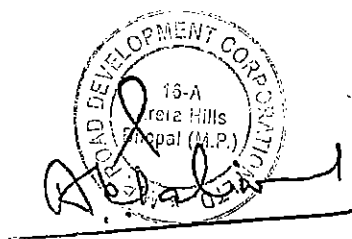
## ARTICLE 14

## COMPLETION CERTIFICATE

## 14.1 Tests

14.1.1 At least 30 (thirty) days prior to the likely completion of the Project Highway, the Concessionaire shall notify the Independent Engineer of its intent to subject the Project Highway to Tests. The date and time of each of the Tests shall be determined by the Independent Engineer in consultation with the Concessionaire, and notified to the Authority who may designate its representative to witness the Tests. The Concessionaire shall provide such assistance as the Independent Engineer may reasonably require for conducting the Tests. In the event of the Concessionaire and the Independent Engineer failing to mutually agree on the dates for conducting the Tests, the Concessionaire shall fix the dates by not less than 10 (ten) days notice to the Independent Engineer.

14.1.2 All Tests shall be conducted in accordance with Schedule-I. The Independent Engineer shall observe, monitor and review the results of the Tests to determine compliance of the Project Highway with Specifications and Standards and if it is reasonably anticipated or determined by the Independent Engineer during the course of any Test that the performance of the Project Highway or any part thereof does not meet the Specifications and Standards, it shall have the right to suspend or delay such Test and require the Concessionaire to remedy and rectify the defects or deficiencies. Upon completion of each Test, the Independent Engineer shall provide to the Concessionaire and the Authority copies of all Test data including detailed Test results. For the avoidance of doubt, it is expressly agreed that the Independent Engineer may require the Concessionaire to carry out or cause to be carried out additional Tests, in accordance with Good Industry Practice, for determining



the compliance of the Project Highway with Specifications and Standards.

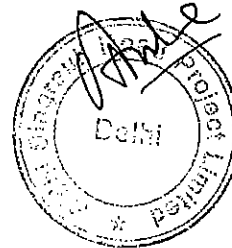
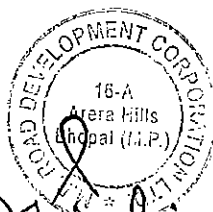
#### 14.2 Completion Certificate

Upon completion of Construction Works and the Independent Engineer determining the Tests to be successful, it shall forthwith issue to the Concessionaire and the Authority a certificate substantially in the form set forth in Schedule-J (the "Completion Certificate").

#### 14.3 Provisional Certificate

14.3.1 The Independent Engineer may, at the request of the Concessionaire, issue a provisional certificate of completion substantially in the form set forth in Schedule-J (the "Provisional Certificate") if the Tests are successful and the Project Highway can be safely and reliably placed in commercial operation though certain works or things forming part thereof are outstanding and not yet complete. In such an event, the Provisional Certificate shall have appended thereto a list of outstanding items signed jointly by the Independent Engineer and the Concessionaire (the "Punch List"); provided that the Independent Engineer shall not withhold the Provisional Certificate for reason of any work remaining incomplete if the delay in completion thereof is attributable to the Authority.

14.3.2 The Parties hereto expressly agree that a Provisional Certificate under this Clause 14.3 may, upon request of the Concessionaire to this effect, be issued for operating part of the Project Highway, if at least 75% (seventy five per cent) of the total length of the Project Highway has been completed. Upon issue of such Provisional Certificate, the provisions of Article 15 shall apply to such completed part.





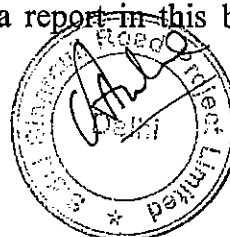
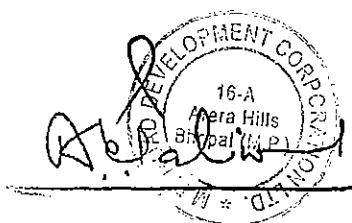
#### 14.4 Completion of Punch List items

14.4.1 All items in the Punch List shall be completed by the Concessionaire within 90 (ninety) days of the date of issue of the Provisional Certificate and for any delay thereafter, other than for reasons solely attributable to the Authority or due to Force Majeure, the Authority shall be entitled to recover Damages from the Concessionaire to be calculated and paid for each day of delay until all items are completed, at the lower of (a) 0.1% (zero point one per cent) of the Performance Security, and (b) 0.2% (zero point two per cent) of the cost of completing such items as estimated by the Independent Engineer. Subject to payment of such Damages, the Concessionaire shall be entitled to a further period not exceeding 120 (one hundred and twenty) days for completion of the Punch List items. For the avoidance of doubt, it is agreed that if completion of any item is delayed for reasons solely attributable to the Authority or due to Force Majeure, the completion date thereof shall be determined by the Independent Engineer in accordance with Good Industry Practice, and such completion date shall be deemed to be the date of issue of the Provisional Certificate for the purposes of Damages, if any, payable for such item under this Clause 14.4.1.

14.4.2 Upon completion of all Punch List items, the Independent Engineer shall issue the Completion Certificate. Failure of the Concessionaire to complete all the Punch List items within the time set forth in Clause 14.4.1 for any reason, other than conditions constituting Force Majeure or for reasons solely attributable to the Authority, shall entitle the Authority to terminate this Agreement.

#### 14.5 Withholding of Provisional Certificate

14.5.1 If the Independent Engineer determines that the Project Highway or any part thereof does not conform to the provisions of this Agreement and cannot be safely and reliably placed in commercial operation, it shall forthwith make a report in this behalf and send

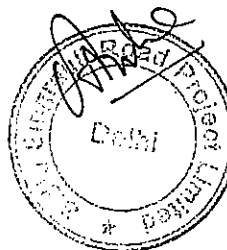


copies thereof to the Authority and the Concessionaire. Upon receipt of such a report from the Independent Engineer and after conducting its own inspection, if the Authority is of the opinion that the Project Highway is not fit and safe for commercial service, it shall, within 7 (seven) days of receiving the aforesaid report, notify the Concessionaire of the defects and deficiencies in the Project Highway and direct the Independent Engineer to withhold issuance of the Provisional Certificate. Upon receipt of such notice, the Concessionaire shall remedy and rectify such defects or deficiencies and thereupon Tests shall be undertaken in accordance with this Article 14. Such procedure shall be repeated as necessary until the defects or deficiencies are rectified.

14.5.2 Notwithstanding anything to the contrary contained in Clause 14.5.1, the Authority may, at any time after receiving a report from the Independent Engineer under that Clause, direct the Independent Engineer to issue a Provisional Certificate under Clause 14.3, and such direction shall be complied forthwith.

#### 14.6 Rescheduling of Tests

If the Independent Engineer certifies to the Authority and the Concessionaire that it is unable to issue the Completion Certificate or Provisional Certificate, as the case may be, because of events or circumstances on account of which the Tests could not be held or had to be suspended, the Concessionaire shall be entitled to re-schedule the Tests and hold the same as soon as reasonably practicable.



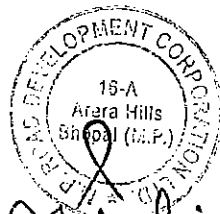
ARTICLE 15  
ENTRY INTO COMMERCIAL SERVICE

**15.1 Commercial Operation Date (COD)**

Four-Laning shall be deemed to be complete when the Completion Certificate or the Provisional Certificate, as the case may be, is issued under the provisions of Article 14, and accordingly the commercial operation date of the Project shall be the date on which such Completion Certificate or the Provisional Certificate is issued (the "COD"). The Project Highway shall enter into commercial service on COD whereupon the Concessionaire shall be entitled to demand and collect Fee in accordance with the provisions of Article 27.

**15.2 Damages for delay**

Subject to the provisions of Clause 12.4, if COD does not occur prior to the 91st (ninety first) day after the Scheduled Four-Laning Date, unless the delay is on account of reasons solely attributable to the Authority or due to Force Majeure, the Concessionaire shall pay Damages to the Authority in a sum calculated at the rate of 0.1% (zero point one per cent) of the amount of Performance Security for delay of each day until COD is achieved.



ARTICLE 16  
CHANGE OF SCOPE

**16.1 Change of Scope**

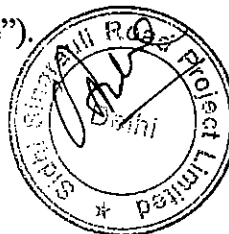
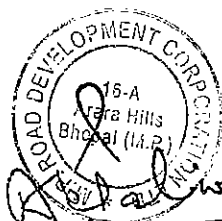
16.1.1 The Authority may, notwithstanding anything to the contrary contained in this Agreement, require the provision of additional works and services which are not included in the Scope of the Project as contemplated by this Agreement (the "Change of Scope"). Any such Change of Scope shall be made in accordance with the provisions of this Article 16 and the costs thereof shall be expended by the Concessionaire and reimbursed to it by the Authority in accordance with Clause 16.3.

16.1.2 If the Concessionaire determines at any time that a Change of Scope is necessary for providing safer and improved services to the Users, it shall by notice in writing require the Authority to consider such Change of Scope. The Authority shall, within 15 (fifteen) days of receipt of such notice, either accept such Change of Scope with modifications, if any, and initiate proceedings therefor in accordance with this Article 16 or inform the Concessionaire in writing of its reasons for not accepting such Change of Scope.

16.1.3 Any works or services which are provided under and in accordance with this Article 16 shall form part of the Project Highway and the provisions of this Agreement shall apply *mutatis mutandis* to such works or services.

**16.2 Procedure for Change of Scope**

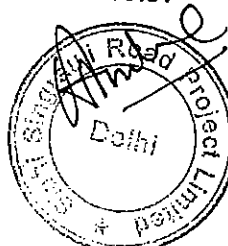
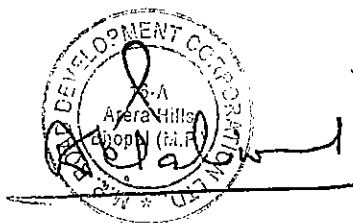
16.2.1 In the event of the Authority determining that a Change of Scope is necessary, it shall issue to the Concessionaire a notice specifying in reasonable detail the works and services contemplated thereunder (the "Change of Scope Notice").



16.2.2 Upon receipt of a Change of Scope Notice, the Concessionaire shall, with due diligence, provide to the Authority such information as is necessary, together with preliminary Documentation in support of:

- (a) the impact, if any, which the Change of Scope is likely to have on the Project Completion Schedule if the works or services are required to be carried out during the Construction Period; and
- (b) the options for implementing the proposed Change of Scope and the effect, if any, each such option would have on the costs and time thereof, including a detailed breakdown by work classifications specifying the material and labour costs calculated in accordance with the schedule of rates applicable to the works assigned by the Authority to its contractors, along with the proposed premium/discount on such rates; provided that the cost incurred by the Concessionaire in providing such information shall be reimbursed by the Authority to the extent such cost is certified by the Independent Engineer as reasonable.

16.2.3 Upon receipt of information set forth in Clause 16.2.2, if the Authority decides to proceed with the Change of Scope, it shall convey its preferred option to the Concessionaire, and the Parties shall, with assistance of the Independent Engineer, thereupon make good faith efforts to agree upon the time and costs for implementation thereof. Upon reaching an agreement, the Authority shall issue an order (the "**Change of Scope Order**") requiring the Concessionaire to proceed with the performance thereof. In the event that the Parties are unable to agree, the Authority may, by issuing a Change of Scope Order, require the Concessionaire to proceed with the performance thereof pending resolution of the Dispute, or carry out the works in accordance with Clause 16.5.

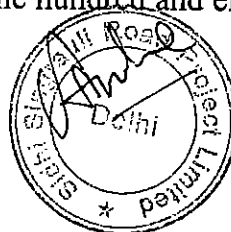
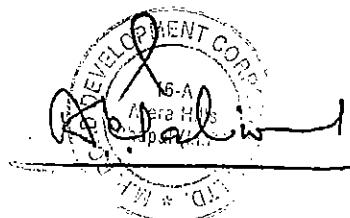


16.2.4 The provisions of this Agreement, insofar as they relate to Construction Works and Tests, shall apply *mutatis mutandis* to the works undertaken by the Concessionaire under this Article 16.

### 16.3 Payment for Change of Scope

16.3.1 Within 7 (seven) days of issuing a Change of Scope Order, the Authority shall make an advance payment to the Concessionaire in a sum equal to 20% (twenty per cent) of the cost of Change of Scope as agreed hereunder, and in the event of a Dispute, 20% (twenty per cent) of the cost assessed by the Independent Engineer. The Concessionaire shall, after commencement of work, present to the Authority bills for payment in respect of the works in progress or completed works, as the case may be, supported by such Documentation as is reasonably sufficient for the Authority to determine the accuracy thereof. Within 30 (thirty) days of receipt of such bills, the Authority shall disburse to the Concessionaire such amounts as are certified by the Independent Engineer as reasonable and after making a proportionate deduction for the advance payment made hereunder, and in the event of any Dispute, final adjustments thereto shall be made under and in accordance with the Dispute Resolution Procedure.

16.3.2 Notwithstanding anything to the contrary contained in Clause 16.3.1, all costs arising out of any Change of Scope Order issued during the Construction Period shall be borne by the Concessionaire, subject to an aggregate ceiling of 0.25% (zero point two five per cent) of the Total Project Cost. Any costs in excess of the ceiling shall be reimbursed by the Authority in accordance with Clause 16.3.1. In the event that the total cost arising out of Change of Scope Orders (if any) issued prior to the Project Completion Date is less than 0.25% (zero point two five per cent) of the Total Project Cost, the difference thereof shall be credited by the Concessionaire to the Safety Fund within a period of 180 (one hundred and eighty) days of



the Project Completion Date. For the avoidance of doubt, it is agreed that the aforesaid 0.25% (zero point two five per cent) of the Total Project Cost shall, to the extent borne by the Concessionaire, be deemed to form part of the actual capital cost of the Project.

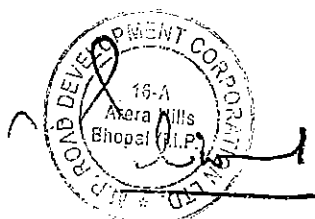
#### **16.4 Restrictions on certain works**

16.4.1 Notwithstanding anything to the contrary contained in this Article 16, but subject to the provisions of Clause 16.4.2, the Authority shall not require the Concessionaire to undertake any works or services if such works or services are likely to delay completion of [Four-Laning]; provided that in the event that the Authority considers such works or services to be essential, it may issue a Change of Scope Order, subject to the condition that the works forming part of or affected by such Order shall not be reckoned for purposes of determining completion of Four-Laning and issuing the Provisional Certificate.

16.4.2 Notwithstanding anything to the contrary contained in this Article 16, the Concessionaire shall be entitled to nullify any Change of Scope Order if it causes the cumulative costs relating to all the Change of Scope Orders to exceed 5% (five per cent) of the Total Project Cost in any continuous period of 3 (three) years immediately preceding the date of such Change of Scope Order or if such cumulative costs exceed 20% (twenty per cent) of the Total Project Cost at any time during the Concession Period.

#### **16.5 Power of the Authority to undertake works**

16.5.1 Notwithstanding anything to the contrary contained in Clauses 16.1.1, 16.2 and 16.3, the Authority may, after giving notice to the Concessionaire and considering its reply thereto, award any works or services, contemplated under Clause 16.1.1, to any person on the basis of open competitive bidding; provided that the Concessionaire shall have the option of matching the first ranked bid in terms of the

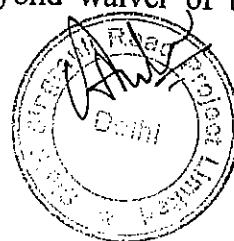
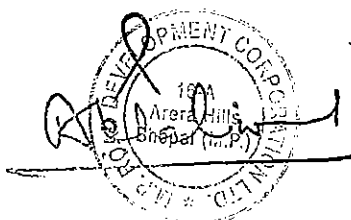


selection criteria, subject to payment of 2% (two per cent) of the bid amount to the Authority, and thereupon securing the award of such works or services. For the avoidance of doubt, it is agreed that the Concessionaire shall be entitled to exercise such option only if it has participated in the bidding process and its bid does not exceed the first ranked bid by more than 10% (ten percent) thereof. It is also agreed that the Concessionaire shall provide access, assistance and cooperation to the person who undertakes the works or services hereunder.

16.5.2 The works undertaken in accordance with this Clause 16.5 shall conform to the Specifications and Standards and shall be carried out in a manner that minimises the disruption in operation of the Project Highway. The provisions of this Agreement, insofar as they relate to Construction Works and Tests, shall apply *mutatis mutandis* to the works carried out under this Clause 16.5.

#### 16.6 Reduction in Scope of the Project

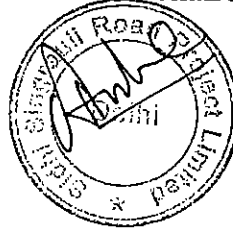
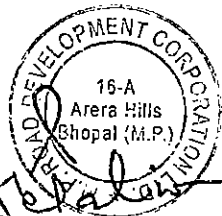
16.6.1 If the Concessionaire shall have failed to complete any Construction Works on account of Force Majeure or for reasons solely attributable to the Authority, the Authority may, in its discretion, require the Concessionaire to pay 80% (eighty percent) of the sum saved therefrom, and upon such payment to the Authority, the obligations of the Concessionaire in respect of such works shall be deemed to have been fulfilled. For the avoidance of doubt, it is agreed that in the event such reduction in Scope of the Project causes or will cause a reduction in net after-tax return of the Concessionaire, the Parties shall meet, as soon as reasonably practical, and agree on a full or partial waiver of the aforesaid payment of 80% (eighty per cent) so as to place the Concessionaire in the same financial position as it would have enjoyed had there been no reduction in Scope of the Project. It is further agreed that the liability of the Authority under this Clause 16.6 shall not extend beyond waiver of the aforesaid





80% (eighty per cent). It is also agreed that in the event of a dispute, the Dispute Resolution Procedure shall apply.

16.6.2 For determining the obligations of the Concessionaire under this Clause 16.6, the provisions of Clauses 16.1, 16.2 and 16.4 shall apply *mutatis mutandis*, and upon issue of Change of Scope Order by the Authority hereunder, the Concessionaire shall pay forthwith the sum specified therein.

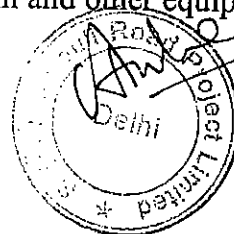
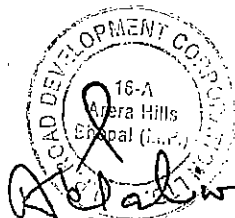


ARTICLE 17  
OPERATION AND MAINTENANCE

**17.1 O&M obligations of the Concessionaire**

17.1.1 During the Operation Period, the Concessionaire shall operate and maintain the Project Highway in accordance with this Agreement either by itself, or through the O&M Contractor and if required, modify, repair or otherwise make improvements to the Project Highway to comply with the provisions of this Agreement, Applicable Laws and Applicable Permits, and conform to Specifications and Standards and Good Industry Practice. The obligations of the Concessionaire hereunder shall include:

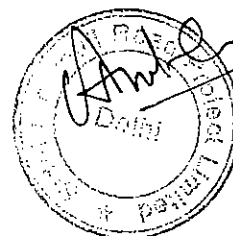
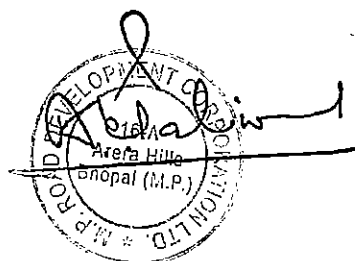
- (a) permitting safe, smooth and uninterrupted flow of traffic on the Project Highway during normal operating conditions;
- (b) collecting and appropriating the Fee;
- (c) minimising disruption to traffic in the event of accidents or other incidents affecting the safety and use of the Project Highway by providing a rapid and effective response and maintaining liaison with emergency services of the State;
- (d) carrying out periodic preventive maintenance of the Project Highway;
- (e) undertaking routine maintenance including prompt repairs of potholes, cracks, joints, drains, embankments, structures, pavement markings, lighting, road signs and other traffic control devices;
- (f) undertaking major maintenance such as resurfacing of pavements, repairs to structures, and repairs and refurbishment of tolling system and other equipment;



- (g) preventing, with the assistance of concerned law enforcement agencies, any unauthorised use of the Project Highway;
- (h) preventing, with the assistance of the concerned law enforcement agencies, any encroachments on the Project Highway;
- (i) protection of the environment and provision of equipment and materials therefore;
- (j) operation and maintenance of all communication, control and administrative systems necessary for the efficient operation of the Project Highway;
- (k) maintaining a public relations unit to interface with and attend to suggestions from the Users, government agencies, media and other agencies; and
- (l) complying with Safety Requirements in accordance with Article 18.

17.1.2 The Concessionaire shall remove promptly from the Project Highway all surplus construction machinery and materials, waste materials (including hazardous materials and waste water), rubbish and other debris (including, without limitation, accident debris) and keep the Project Highway in a clean, tidy and orderly condition, and in conformity with the Applicable Laws, Applicable Permits and Good Industry Practice. [For the avoidance of doubt, it is agreed that the debris and material excavated shall be carried to and deposited at the location suggested by the Divisional Manager, MPRDC and the Independent Engineer.

17.1.3 The Concessionaire shall maintain, in conformity with Good Industry Practice, all stretches of approach roads, over-passes, under-passes or other structures situated on the Site but not forming part of the carriageway.



## 17.2 Maintenance Requirements

The Concessionaire shall procure that at all times during the Operation Period, the Project Highway conforms to the maintenance requirements set forth in Schedule-K (the "Maintenance Requirements").

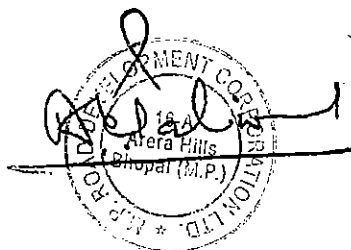
## 17.3 Maintenance Manual

17.3.1 No later than 180 (one hundred and eighty) days prior to the Scheduled Four-Laning Date, the Concessionaire shall, in consultation with the Independent Engineer, evolve a repair and maintenance manual (the "Maintenance Manual") for the regular and preventive maintenance of the Project Highway in conformity with the Specifications and Standards, Maintenance Requirements, Safety Requirements and Good Industry Practice, and shall provide 5 (five) copies thereof to the Authority and 2 (two) copies to the Independent Engineer. The Maintenance Manual shall be revised and updated once every 3 (three) years and the provisions of this Clause 17.3 shall apply, *mutatis mutandis*, to such revision.

17.3.2 Without prejudice to the provision of Clause 17.3.1, the Maintenance Manual shall, in particular, include provisions for maintenance of Project Assets and shall provide for life cycle maintenance, routine maintenance and reactive maintenance which may be reasonably necessary for maintenance and repair of the Project Assets, including replacement thereof, such that their overall condition conforms to Good Industry Practice.

## 17.4 Maintenance Programme

17.4.1 On or before COD and no later than 45 (forty five) days prior to the beginning of each Accounting Year during the Operation Period, as the case may be, the Concessionaire shall provide to the Authority and the Independent Engineer, its proposed annual programme of preventive, urgent and other scheduled maintenance (the



"Maintenance Programme") to comply with the Maintenance Requirements, Maintenance Manual and Safety Requirements. Such Maintenance Programme shall include:

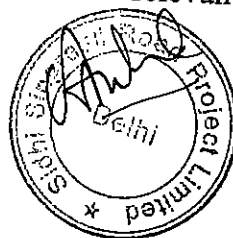
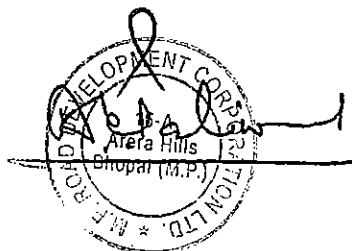
- (a) preventive maintenance schedule;
- (b) arrangements and procedures for carrying out urgent repairs;
- (c) criteria to be adopted for deciding maintenance needs;
- (d) intervals and procedures for carrying out inspection of all elements of the Project Highway;
- (e) intervals at which the Concessionaire shall carry out periodic maintenance;
- (f) arrangements and procedures for carrying out safety related measures; and
- (g) intervals for major maintenance works and the scope thereof.

17.4.2 Within 15 (fifteen) days of receipt of the Maintenance Programme, the Independent Engineer shall review the same and convey its comments to the Concessionaire with particular reference to its conformity with the Maintenance Requirements, Maintenance Manual and Safety Requirements.

17.4.3 The Concessionaire may modify the Maintenance Programme as may be reasonable in the circumstances, and the procedure specified in Clauses 17.4.1 and 17.4.2 shall apply *mutatis mutandis* to such modifications.

## 17.5 Safety, vehicle breakdowns and accidents

17.5.1 The Concessionaire shall ensure safe conditions for the Users, and in the event of unsafe conditions, lane closures, diversions, vehicle breakdowns and accidents, it shall follow the relevant operating



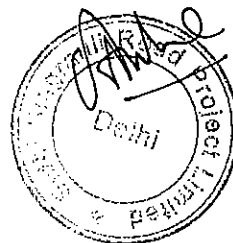
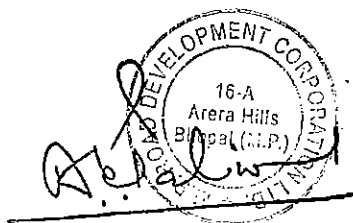
procedures including the setting up of temporary traffic cones and lights, and removal of obstruction and debris without delay. Such procedures shall conform to the provisions of this Agreement, Applicable Laws, Applicable Permits and Good Industry Practice.

- 17.5.2 The Concessionaire's responsibility for rescue operations on the Project Highway shall be limited to an initial response to any particular incident until such time that the competent authority takes charge and shall include prompt removal of vehicles or debris or any other obstruction, which may endanger or interrupt the smooth flow of traffic. [For this purpose, it shall maintain and operate a vehicle rescue post with one mobile crane having the capacity to lift a truck with a Gross Vehicle Weight of 30,000 (Thirty thousand) kilograms;

#### 17.6 De-commissioning due to Emergency

- 17.6.1 If, in the reasonable opinion of the Concessionaire, there exists an Emergency which warrants de-commissioning and closure to traffic of the whole or any part of the Project Highway, the Concessionaire shall be entitled to de-commission and close the whole or any part of the Project Highway to traffic for so long as such Emergency and the consequences thereof warrant; provided that such decommissioning and particulars thereof shall be notified by the Concessionaire to the Authority without any delay, and the Concessionaire shall diligently carry out and abide by any reasonable directions that the Authority may give for dealing with such Emergency.

- 17.6.2 The Concessionaire shall re-commission the Project Highway or the affected part thereof as quickly as practicable after the circumstances leading to its decommissioning and closure have ceased to exist or have so abated as to enable the Concessionaire to re-commission the Project Highway and shall notify the Authority of the same without any delay.



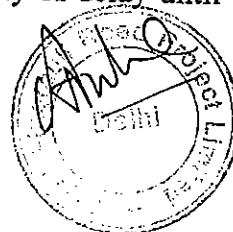
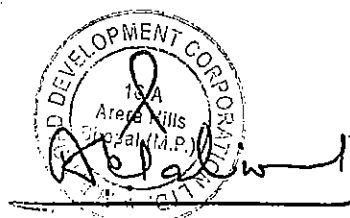
17.6.3 Any decommissioning or closure of any part of the Project Highway and the re-commissioning thereof shall, as soon as practicable, be brought to the notice of affected persons by means of public announcements/notice.

#### 17.7 Lane closure

17.7.1 The Concessionaire shall not close any lane of the Project Highway for undertaking maintenance or repair works except with the prior written approval of the Independent Engineer. Such approval shall be sought by the Concessionaire through a written request to be made to the Independent Engineer, and a copy thereof furnished to the Authority, at least 7 (seven) days before the proposed closure of such lane and shall be accompanied by particulars thereof. Within 3 (three) days of receiving such request, the Independent Engineer shall grant permission with such modifications as it may deem necessary and a copy of such permission shall be sent to the Authority.

17.7.2 The provisions of Clause 17.7.1 shall not apply to de-commissioning under Clause 17.6.1 or to closure of any lane for a period not exceeding 2 (two) hours in a day at any time of the day and 6 (six) hours in a day at a time specified by the Independent Engineer as off-peak hours when the flow of traffic is comparatively lower.

17.7.3 Upon receiving the permission pursuant to Clause 17.7.1, the Concessionaire shall be entitled to close the designated lane for the period specified therein, and in the event of any delay in re-opening such lane, the Concessionaire shall pay Damages to the Authority calculated at the rate of 0.1% (zero point one per cent) of the Average Daily Fee for every stretch of 250 (two hundred and fifty) metres, or part thereof, for each day of delay until the lane has been re-opened for traffic.



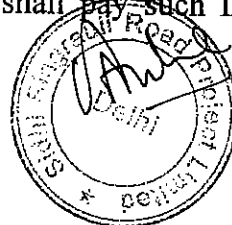
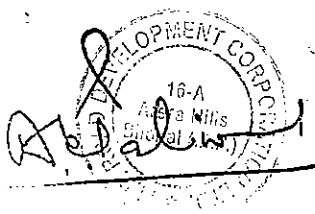
### 17.8 Damages for breach of maintenance obligations

17.8.1 In the event that the Concessionaire fails to repair or rectify any defect or deficiency set forth in the Maintenance Requirements within the period specified therein, it shall be deemed to be in breach of this Agreement and the Authority shall be entitled to recover Damages, to be calculated and paid for each day of delay until the breach is cured, at the higher of (a) 0.5% (zero point five per cent) of Average Daily Fee, and (b) 0.1% (zero point one per cent) of the cost of such repair or rectification as estimated by the Independent Engineer.

Notwithstanding anything contained in this agreement should the actual traffic exceed the design capacity, during any year or part thereof and the Concessionaire fail to repair or rectify any defect or deficiency set forth in the Maintenance Requirements within the period specified therein, it shall be deemed to be in breach of this Agreement and the Authority shall be entitled, from such date, to recover Damages, to be calculated and paid for each day of delay until the breach is cured, at the higher of (a) 5% (five percent) of Average Daily Fee and (b) 1% (one percent) of the cost of such repair or rectification as estimated by the Independent Engineer, for the balance period of the Concession.

Recovery of such Damages shall be without prejudice to the rights of the Authority under this Agreement, including the right of Termination thereof.

17.8.2 The Damages set forth in Clause 17.8.1 may be assessed and specified forthwith by the Independent Engineer; provided that the Authority may, in its discretion, demand a smaller sum as Damages, if in its opinion, the breach has been cured promptly and the Concessionaire is otherwise in compliance with its obligations hereunder. The Concessionaire shall pay such Damages forthwith





and in the event that it contests such Damages, the Dispute Resolution Procedure shall apply.

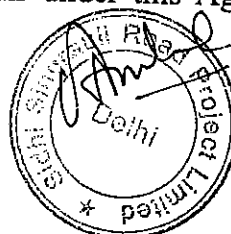
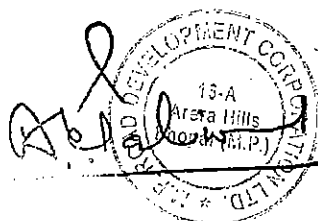
#### **17.9 Authority's right to take remedial measures**

17.9.1 In the event the Concessionaire does not maintain and/or repair the Project Highway or any part thereof in conformity with the Maintenance Requirements, the Maintenance Manual or the Maintenance Programme, as the case may be, and fails to commence remedial works within 15 (fifteen) days of receipt of the O&M Inspection Report or a notice in this behalf from the Authority or the Independent Engineer, as the case may be, the Authority shall, without prejudice to its rights under this Agreement including Termination thereof, be entitled to undertake such remedial measures at the risk and cost of the Concessionaire, and to recover its cost from the Concessionaire. In addition to recovery of the aforesaid cost, a sum equal to 20% (twenty per cent) of such cost shall be paid by the Concessionaire to the Authority as Damages. For the avoidance of doubt, the right of the Authority under this Clause 17.9.1 shall be without prejudice to its rights and remedies provided under Clause 17.8.

17.9.2 The Authority shall have the right, and the Concessionaire hereby expressly grants to the Authority the right, to recover the costs and Damages specified in Clause 17.9.1 directly from the Escrow Account as if such costs and Damages were O&M Expenses, and for that purpose, the Concessionaire hereby agrees to give irrevocable instructions to the Escrow Bank to make payment from the Escrow Account in accordance with the instructions of the Authority under this Clause 17.9.2 and debit the same to O&M Expenses.

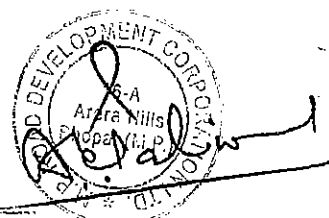
#### **17.10 Overriding powers of the Authority**

17.10.1 If in the reasonable opinion of the Authority, the Concessionaire is in material breach of its obligations under this Agreement and, in



particular, the Maintenance Requirements, and such breach is causing or likely to cause material hardship or danger to the Users, the Authority may, without prejudice to any of its rights under this Agreement including Termination thereof, by notice require the Concessionaire to take reasonable measures immediately for rectifying or removing such hardship or danger, as the case may be.

- 17.10.2 In the event that the Concessionaire, upon notice under Clause 17.10.1, fails to rectify or remove any hardship or danger within a reasonable period, the Authority may exercise overriding powers under this Clause 17.10.2 and take over the performance of any or all the obligations of the Concessionaire to the extent deemed necessary by it for rectifying or removing such hardship or danger; provided that the exercise of such overriding powers by the Authority shall be of no greater scope and of no longer duration than is reasonably required hereunder; provided further that any costs and expenses incurred by the Authority in discharge of its obligations hereunder shall be deemed to be O&M Expenses, and the Authority shall be entitled to recover them from the Concessionaire in accordance with the provisions of Clause 17.9 along with the Damages specified therein.
- 17.10.3 In the event of a national emergency, civil commotion or any other act specified in Clause 34.3, the Authority may take over the performance of any or all the obligations of the Concessionaire to the extent deemed necessary by it or as directed by the Government, and exercise such control over the Project Highway or give such directions to the Concessionaire as may be deemed necessary; provided that the exercise of such overriding powers by the Authority shall be of no greater scope and of no longer duration than is reasonably required in the circumstances which caused the exercise of such overriding power by the Authority. For the avoidance of doubt, it is agreed that the consequences of such action shall be dealt in accordance with the provisions of Article 34. It is



also agreed that the Concessionaire shall comply with such instructions as the Authority may issue in pursuance of the provisions of this Clause 17.10, and shall provide assistance and cooperation to the Authority, on a best effort basis, for performance of its obligations hereunder.

#### **17.11 Restoration of loss or damage to Project Highway**

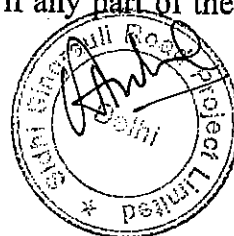
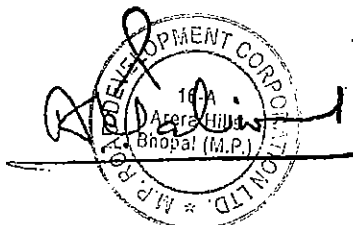
Save and except as otherwise expressly provided in this Agreement, in the event that the Project Highway or any part thereof suffers any loss or damage during the Concession Period from any cause whatsoever, the Concessionaire shall, at its cost and expense, rectify and remedy such loss or damage forthwith so that the Project Highway conforms to the provisions of this Agreement.

#### **17.12 Modifications to the Project Highway**

The Concessionaire shall not carry out any material modifications to the Project Highway save and except where such modifications are necessary for the Project Highway to operate in conformity with the Specifications and Standards, Maintenance Requirements, Good Industry Practice and Applicable Laws; provided that the Concessionaire shall notify the Independent Engineer of the proposed modifications along with particulars thereof at least 15 (fifteen) days before commencing work on such modifications and shall reasonably consider any suggestions that the Independent Engineer may make within 15 (fifteen) days of receiving the Concessionaire's proposal. For the avoidance of doubt, all modifications made hereunder shall comply with the Specifications and Standards, Applicable Laws and the provisions of this Agreement.

#### **17.13 Excuse from performance of obligations**

The Concessionaire shall not be considered in breach of its obligations under this Agreement if any part of the Project Highway



is not available to traffic on account of any of the following for the duration thereof:

- (a) an event of Force Majeure;
- (b) measures taken to ensure the safe use of the Project Highway except when unsafe conditions occurred because of failure of the Concessionaire to perform its obligations under this Agreement; or
- (c) compliance with a request from the Authority or the directions of any Government Instrumentality, the effect of which is to close all or any part of the Project Highway.

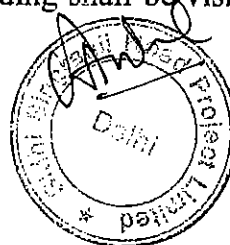
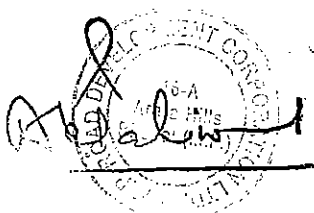
Notwithstanding the above, the Concessionaire shall keep all unaffected parts of the Project Highway open to traffic provided they can be operated safely.

#### 17.14 Barriers and diversions

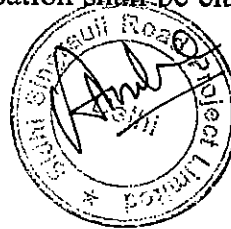
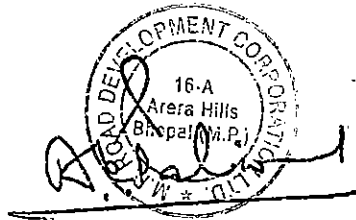
The Authority shall procure that during the Operation Period, no barriers are erected or placed by any Government Instrumentality on the Project Highway except for reasons of Emergency, national security, law and order or collection of inter-state taxes. The Authority shall also make best endeavours to procure that no Government Instrumentality shall undertake or cause to be undertaken, except for reasons of Emergency, national security or law and order, any diversions of traffic from, or closing down of approach roads to the Project Highway that may cause a material adverse effect on the flow of traffic to and from the Project Highway.

#### 17.15 Advertising on the Site

The Concessionaire shall not undertake or permit any form of commercial advertising, display or hoarding at any place on the Site if such advertising, display or hoarding shall be visible to the Users



while driving on such Highway; provided that this restriction shall not apply to the Toll Plaza[s], rest areas, bus shelters and telephone booths located on the Project Highway if the advertising thereon does not, in the opinion of the Authority, distract the Users or violates extant guidelines of MoRTH. All advertising on the Project Highway shall also conform to Good Industry Practice. For the avoidance of doubt, it is agreed that the rights of the Concessionaire hereunder shall be subject to Applicable Laws, as in force and effect from time to time, and no compensation shall be claimed on account thereof.



## ARTICLE 18

## SAFETY REQUIREMENTS

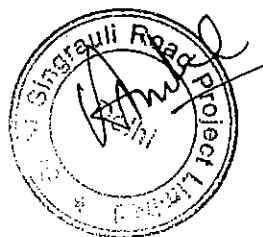
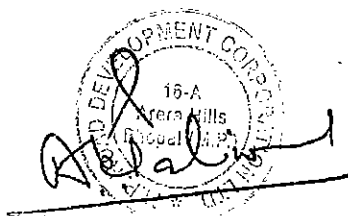
## 18.1 Safety Requirements

18.1.1 The Concessionaire shall comply with the provisions of this Agreement, Applicable Laws and Applicable Permits and conform to Good Industry Practice for securing the safety of the Users. In particular, the Concessionaire shall develop, implement and administer a surveillance and safety programme for providing a safe environment on or about the Project Highway, and shall comply with the safety requirements set forth in Schedule-L (the "Safety Requirements").

18.1.2 The Authority shall appoint an experienced and qualified firm or organisation (the "Safety Consultant") for carrying out safety audit of the Project Highway in accordance with the Safety Requirements, and shall take all other actions necessary for securing compliance with the Safety Requirements.

## 18.2 Expenditure on Safety Requirements

All costs and expenses arising out of or relating to Safety Requirements shall be borne by the Concessionaire to the extent such costs and expenses form part of the works and services included in the Scope of the Project, and works and services, if any, not forming part of the Scope of the Project shall be undertaken in accordance with the provisions of Article 16. Costs and expenses on works and services not covered hitherto before and arising out of Safety Requirements shall, subject to the provisions of Clause 16.3.2, be borne from out of a dedicated safety fund (the "Safety Fund") to be funded, owned and operated by the Authority or a substitute thereof.



## ARTICLE 19

**MONITORING OF OPERATION AND MAINTENANCE****19.1 Monthly status reports**

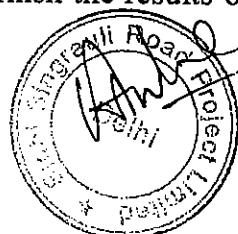
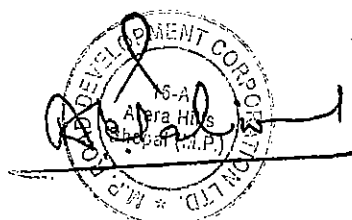
During Operation Period, the Concessionaire shall, no later than 7 (seven) days after the close of each month, furnish to the Authority and the Independent Engineer a monthly report stating in reasonable detail the condition of the Project Highway including its compliance or otherwise with the Maintenance Requirements, Maintenance Manual, Maintenance Programme and Safety Requirements, and shall promptly give such other relevant information as may be required by the Independent Engineer. In particular, such report shall separately identify and state in reasonable detail the defects and deficiencies that require rectification.

**19.2 Inspection**

The Independent Engineer shall inspect the Project Highway at least once a month. It shall make a report of such inspection (the "O&M Inspection Report") stating in reasonable detail the defects or deficiencies, if any, with particular reference to the Maintenance Requirements, Maintenance Manual, the Maintenance Programme and Safety Requirements, and send a copy thereof to the Authority and the Concessionaire within 7 (seven) days of such inspection.

**19.3 Tests**

For determining that the Project Highway conforms to the Maintenance Requirements, the Independent Engineer shall require the Concessionaire to carry out, or cause to be carried out, tests specified by it in accordance with Good Industry Practice. The Concessionaire shall, with due diligence, carry out or cause to be carried out all such tests in accordance with the instructions of the Independent Engineer and furnish the results of such tests forthwith



to the Independent Engineer. One half of the costs incurred on such tests, and to the extent certified by the Independent Engineer as reasonable, shall be reimbursed by the Authority to the Concessionaire.

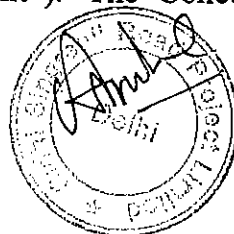
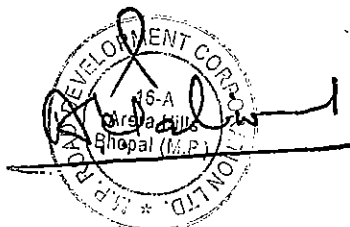
#### 19.4 Remedial measures

19.4.1 The Concessionaire shall repair or rectify the defects or deficiencies, if any, set forth in the O&M Inspection Report or in the test results referred to in Clause 19.3 and furnish a report in respect thereof to the Independent Engineer and the Authority within 15 (fifteen) days of receiving the O&M Inspection Report or the test results, as the case may be; provided that where the remedying of such defects or deficiencies is likely to take more than 15 (fifteen) days, the Concessionaire shall submit progress reports of the repair works once every week until such works are completed in conformity with this Agreement.

19.4.2 The Independent Engineer shall require the Concessionaire to carry out or cause to be carried out tests, at its own cost, to determine that such remedial measures have brought the Project Highway into compliance with the Maintenance Requirements and the procedure set forth in this Clause 19.4 shall be repeated until the Project Highway conforms to the Maintenance Requirements. In the event that remedial measures are not completed by the Concessionaire in conformity with the provisions of this Agreement, the Authority shall be entitled to recover Damages from the Concessionaire under and in accordance with the provisions of Clause 17.8.

#### 19.5 Monthly Fee Statement

During the Operation Period, the Concessionaire shall furnish to the Authority, within 7 (seven) days of completion of each month, a statement of Fee substantially in the form set forth in Schedule-M (the "Monthly Fee Statement"). The Concessionaire shall also



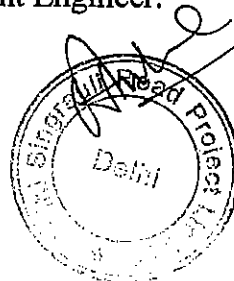
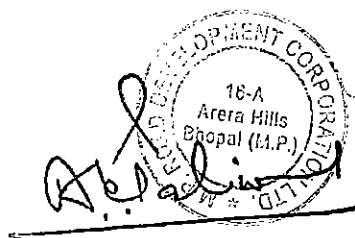


furnish to the Authority such other information as the Authority may reasonably require, at specified intervals, in discharge of its statutory functions.

#### 19.6 Reports of unusual occurrence

The Concessionaire shall, prior to the close of each day, send to the Authority and the Independent Engineer, by facsimile or e-mail, a report stating accidents and unusual occurrences on the Project Highway relating to the safety and security of the Users and Project Highway. A weekly and monthly summary of such reports shall also be sent within 3 (three) days of the closing of each week and month, as the case may be. For the purposes of this Clause 19.6, accidents and unusual occurrences on the Project Highway shall include:

- (a) death or injury to any person;
- (b) damaged or dislodged fixed equipment;
- (c) any obstruction on the Project Highway, which results in slow down of the services being provided by the Concessionaire;
- (d) disablement of any equipment during operation;
- (e) communication failure affecting the operation of Project Highway;
- (f) smoke or fire;
- (g) flooding of Project Highway; and
- (h) such other relevant information as may be required by the Authority or the Independent Engineer.



## ARTICLE 20

## TRAFFIC REGULATION

**20.1 Traffic regulation by the Concessionaire**

The Concessionaire shall regulate traffic on the Project Highway in accordance with the Applicable Laws, and subject to the supervision and control of the State authorities [or a substitute thereof] empowered in this behalf under the Applicable Laws.

**20.2 Police assistance**

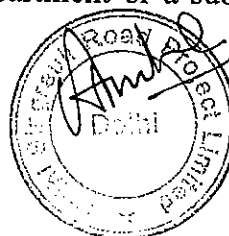
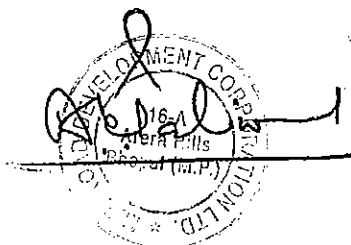
For regulating the use of Project Highway in accordance with the Applicable Laws and this Agreement, the Authority shall assist the Concessionaire in procuring police assistance from the State Police Department or a substitute thereof. The police assistance shall include setting up of a traffic aid post (the "Traffic Aid Post") at each of the Toll Plazas. with a mobile Police squad for round-the-clock patrolling of the Project Highway.

**20.3 Buildings for Traffic Aid Posts**

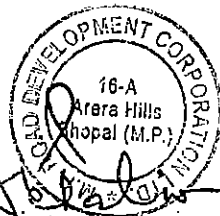
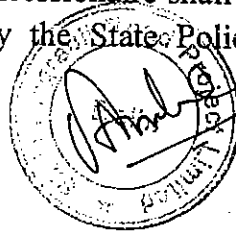
The Concessionaire shall, in accordance with the type designs prescribed for such police outpost buildings by [the State Government or a substitute thereof, construct buildings not exceeding 25 (twenty five) square metres of plinth area, for each of the Traffic Aid Posts, and hand them over to the Authority no later than 60 (sixty) days prior to the Scheduled Four-Laning Date]. The Traffic Aid Post[s] shall be deemed to be part of the Site and shall vest in the Authority.

**20.4 Recurring expenditure on Police assistance**

On or before the Scheduled Four-Laning Date, the Concessionaire shall provide to the State Police Department or a substitute thereof



one Jeep or similar vehicle in good working condition along with chauffeurs for round-the-clock patrolling as set forth in Clause 20.2 and shall meet the operating costs of such vehicle including the salaries and allowances of the chauffeurs.. For the avoidance of doubt, it is agreed that the Concessionaire shall not be liable for any other expenditure incurred by the State Police Department or a substitute thereof.



## ARTICLE 21

**EMERGENCY MEDICAL AID****21.1 Medical Aid Posts**

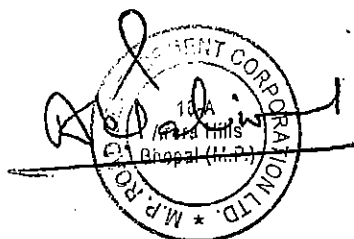
For providing emergency medical aid during the Operation Period, as set forth in this Agreement, the Concessionaire shall assist the State Government or a substitute thereof to be designated by the Authority in setting up and operating a medical aid post (the "Medical Aid Post") at each of the Toll Plazas with round-the-clock ambulance services for victims of accidents on the Project Highway.

**21.2 Building for Medical Aid Posts**

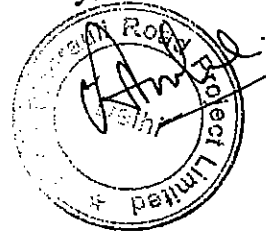
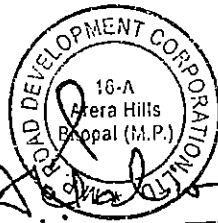
The Concessionaire shall at its cost and in accordance with the type designs prescribed for such building by the State Medical Department or a substitute thereof to be designed by the Authority construct an aid post building and 2 (two) residential quarters and hand them over to the Authority no later than 20 (thirty) days prior to Scheduled Four laning Date. The Medical Aid Post(s) shall be deemed to be part of the Site and shall vest in the Authority

**21.3 Recurring expenditure on Medical Aid Posts**

On or before COD, the Concessionaire shall provide to the State Medical Department or a substitute thereof to be designated by the Authority one ambulance in good working condition along with chauffeurs for round-the-clock ambulance services as set forth in Clause 21.1 and meet the operating costs of such ambulance including the salaries and allowances of the chauffeurs. The Concessionaire shall also reimburse to the State Medical Department (or a substitute thereof to be designated by the Authority) the actual expenditure incurred by it in each Accounting Year on the medical equipment, and the pay and allowances of up to 2 (two) medical personnel deployed exclusively for the Medical Aid Posts and



ambulance, and shall maintain the Medical Aid Post buildings in accordance with Good Industry Practice. For the avoidance of doubt, it is agreed that the Concessionaire shall not be liable for any other expenditure incurred by the State Medical Department or a substitute thereof to be designated by the Authority.



## ARTICLE 22

## TRAFFIC CENSUS AND SAMPLING

## 22.1 Traffic census

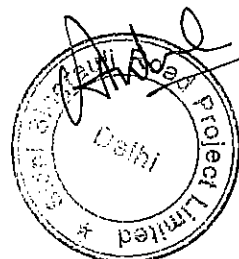
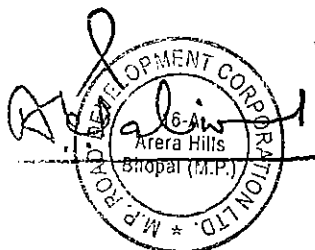
The Concessionaire shall install, maintain and operate electronic/computerised traffic counters at each of the Toll Plaza[s] and collect data relating to the number and types of vehicles using the Project Highway. The Concessionaire shall also install, maintain and operate weighing platforms (weigh-in-motion type) for recording, on a sample basis, the weight of commercial goods vehicles using the Project Highway. A weekly statement of such data shall be compiled and furnished forthwith by the Concessionaire to the Authority substantially in the form specified in Schedule-N.

## 22.2 Traffic survey

The Authority may require the Concessionaire to conduct, during each year of the Concession Period, a detailed traffic survey at such frequency and on such days as the Authority may specify, provided that the cumulative period of such survey shall not exceed 14 (fourteen) days in a year. The Concessionaire shall, at its own cost, carry out or cause to be carried out, the survey in the form and manner reasonably specified by the Authority and furnish a detailed report thereof within 15(fifteen) days of the completion of each survey. For the avoidance of doubt, the Authority may also conduct traffic surveys, in such manner as it deems fit and at its own cost, through any agency designated by it for this purpose.

## 22.3 Traffic sampling

22.3.1 For determining the actual traffic on the Project Highway, the Authority shall be entitled to inspect the relevant records of the Concessionaire, and may, at its own cost, undertake traffic sampling substantially in the manner set forth in Schedule-O at such frequency

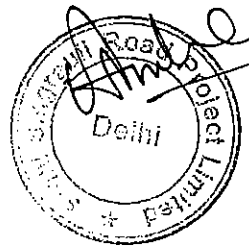
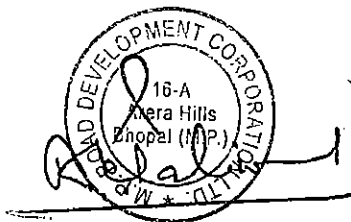


as it may deem appropriate, but in no case for less than a continuous period of 7 (seven) days. The Concessionaire shall provide such assistance as the Authority may reasonably require for such traffic sampling.

22.3.2 If the traffic sampling pursuant to this Clause 22.3 demonstrates that the actual traffic is more than the traffic reported by the Concessionaire, the traffic determined by the traffic sampling shall be deemed to be the traffic for purposes of this Agreement and in the event of any Dispute relating to the traffic sampling, the Dispute Resolution Procedure shall apply. For the avoidance of doubt, Realisable Fee for any comparable period shall be calculated with reference to the traffic determined hereunder.

#### 22.4 Computer systems and network

The Concessionaire shall install, operate and maintain a computer system with round-the-clock connections to the networks of the Authority and other related entities for exchange of data and information useful or necessary for efficient and transparent regulation and management of traffic. For this purpose, it shall follow such protocol for Electronic Data Interchange (the "EDI") as the Authority may specify. For the avoidance of doubt, it is agreed that the form specified in Schedule-N may be modified by the Authority from time to time for conforming to the requirements and output of EDI.



## ARTICLE 23

**INDEPENDENT ENGINEER****23.1 Appointment of Independent Engineer**

The Authority shall appoint a consulting engineering firm from a panel of 10 (ten) firms or bodies corporate, constituted by the Authority substantially in accordance with the selection criteria set forth in Schedule-P, to be the independent consultant under this Agreement (the "**Independent Engineer**"). The appointment shall be made no later than 90 (ninety) days from the date of this Agreement and shall be for a period of 3 (three) years. On expiry or termination of the aforesaid period, the Authority may in its discretion renew the appointment, or appoint another firm from a fresh panel constituted pursuant to Schedule-P to be the Independent Engineer for a term of 3 (three) years, and such procedure shall be repeated after expiry of each appointment.

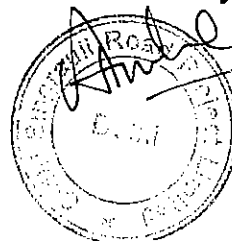
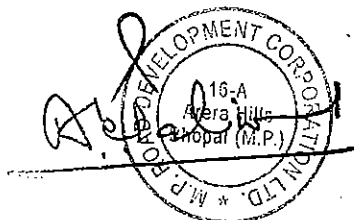
**23.2 Duties and functions**

23.2.1 The Independent Engineer shall discharge its duties and functions substantially in accordance with the terms of reference set forth in Schedule-Q.

23.2.2 The Independent Engineer shall submit regular periodic reports (at least once every month) to the Authority in respect of its duties and functions set forth in Schedule-Q.

**23.3 Remuneration**

The remuneration, cost and expenses of the Independent Engineer shall be paid by the Authority and subject to the limits set forth in Schedule-P, one-half of such remuneration, cost and expenses shall be reimbursed by the Concessionaire to the Authority within 15





(fifteen) days of receiving a statement of expenditure from the Authority.

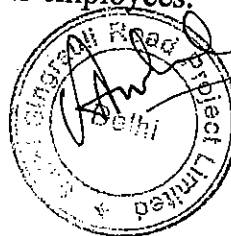
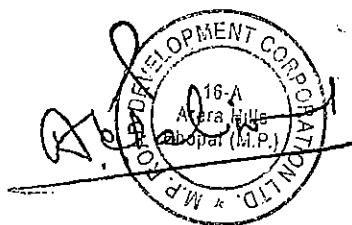
#### **23.4 Termination of appointment**

23.4.1 The Authority may, in its discretion, terminate the appointment of the Independent Engineer at any time, but only after appointment of another Independent Engineer in accordance with Clause 23.1.

23.4.2 If the Concessionaire has reason to believe that the Independent Engineer is not discharging its duties and functions in a fair, efficient and diligent manner, it may make a written representation to the Authority and seek termination of the appointment of the Independent Engineer. Upon receipt of such representation, the Authority shall hold a tripartite meeting with the Concessionaire and Independent Engineer for an amicable resolution of the Dispute, and if any difference or disagreement between the Authority and the Concessionaire remains unresolved, the Dispute shall be settled in accordance with the Dispute Resolution Procedure. In the event that the appointment of the Independent Engineer is terminated hereunder, the Authority shall appoint forthwith another Independent Engineer in accordance with Clause 23.1.

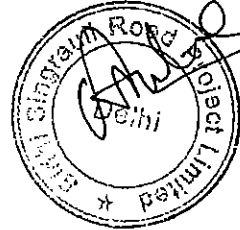
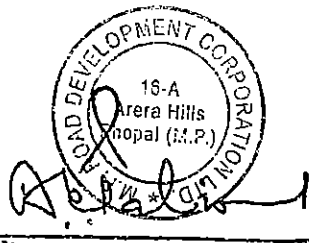
#### **23.5 Authorised signatories**

The Authority shall require the Independent Engineer to designate and notify to the Authority and the Concessionaire up to 2 (two) persons employed in its firm to sign for and on behalf of the Independent Engineer, and any communication or document required to be signed by the Independent Engineer shall be valid and effective only if signed by any of the designated persons; provided that the Independent Engineer may, by notice in writing, substitute any of the designated persons by any of its employees.



### 23.6 Dispute resolution

If either Party disputes any advice, instruction, decision, direction or award of the Independent Engineer, or, as the case may be, the assertion or failure to assert jurisdiction, the Dispute shall be resolved in accordance with the Dispute Resolution Procedure.



## ARTICLE 24

## FINANCIAL CLOSE

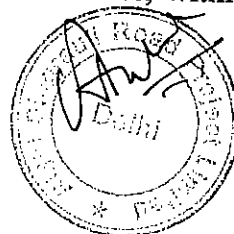
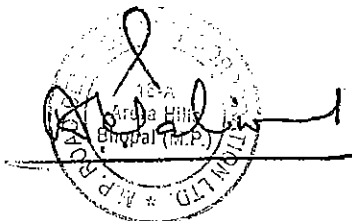
**24.1 Financial Close**

24.1.1 The Concessionaire hereby agrees and undertakes that it shall achieve Financial Close within 180 (one hundred and eighty) days from the date of this Agreement and in the event of delay, it shall be entitled to a further period not exceeding 120 (one hundred and twenty) days, subject to payment of Damages to the Authority in a sum calculated at the rate of 0.1% (zero point one per cent) of the Performance Security for each day of delay, or for a further period not exceeding 200 (two hundred) days, subject to payment of Damages specified in Clause 4.3; provided that the Damages specified herein shall be payable every week in advance and the period beyond the said 180 (one hundred and eighty) days shall be granted only to the extent of Damages so paid; provided further that no Damages shall be payable if such delay in Financial Close has occurred solely as a result of any default or delay by the Authority in procuring satisfaction of the Conditions Precedent specified in Clause 4.1.2 or due to Force Majeure. For the avoidance of doubt, the Damages payable hereunder by the Concessionaire shall be in addition to the Damages, if any, due and payable under the provisions of Clause 4.3.

24.1.2 The Concessionaire shall, upon occurrence of Financial Close, notify the Authority forthwith, and shall have provided to the Authority, at least 2 (two) days prior to Financial Close, 3 (three) true copies of the Financial Package and the Financial Model, duly attested by a Director of the Concessionaire, along with 3 (three) soft copies of the Financial Model in MS Excel version or any substitute thereof, which is acceptable to the Senior Lenders.

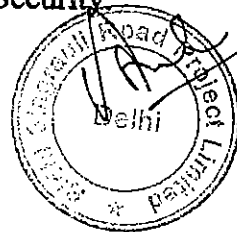
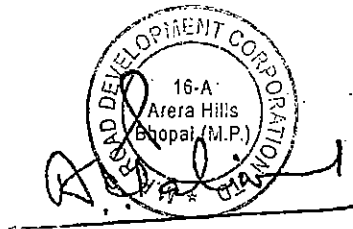
**24.2 Termination due to failure to achieve Financial Close**

24.2.1 Notwithstanding anything to the contrary contained in this Agreement, but subject to Clause 34.6.1, in the event that Financial Close does not occur, for any reason whatsoever, within the period



set forth in Clause 24.1.1 or the extended period provided thereunder, all rights, privileges, claims and entitlements of the Concessionaire under or arising out of this Agreement shall be deemed to have been waived by, and to have ceased with the concurrence of the Concessionaire, and the Concession Agreement shall be deemed to have been terminated by mutual agreement of the Parties. For the avoidance of doubt, it is agreed that in the event the Parties hereto have, by mutual consent, determined the Appointed Date to precede the Financial Close, the provisions of this Clause 24.2.1 shall not apply.

- 24.2.2 Upon Termination under Clause 24.2.1, the Authority shall be entitled to encash the Bid Security and appropriate the proceeds thereof as Damages; provided, however, that if Financial Close has not occurred solely as a result of the Authority being in default of any of its obligations under Clause 4.2, it shall, upon Termination, return the Bid Security forthwith along with the Damages due and payable under Clause 4.2. For the avoidance of doubt, it is expressly agreed that if the Bid Security shall have been substituted by Performance Security, the Authority shall be entitled to encash therefrom an amount equal to Bid Security.



## ARTICLE 25

## GRANT

**25.1 Grant**

25.1.1 The Authority agrees to provide to the Concessionaire cash support by way of an outright grant equal to the sum set forth in the Bid, namely, Rs. 339.69 crores (Rupees three hundred thirty nine crores sixty nine lacs only) in accordance with the provisions of this Article 25 (the "Grant").

25.1.2 The Grant shall be disbursed to the Concessionaire by way of Equity Support in accordance with the provisions of Clause 25.2,

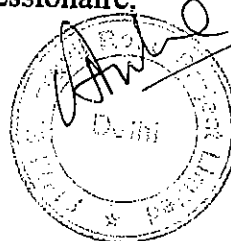
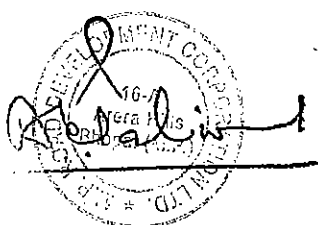
**25.2 Equity Support**

25.2.1 Subject to the conditions specified in this Clause 25.2, the Grant shall be credited to the Escrow Account and shall be applied by the Concessionaire for meeting the Total Project Cost (the "Equity Support").

25.2.2 The Equity Support shall not exceed the sum specified in the Bid and as accepted by the Authority, but shall in no case be greater than twice the Equity, and shall be further restricted to a sum not exceeding 40% (forty per cent) of the Total Project Cost. For the avoidance of doubt, the Total Project Cost to be reckoned for the purposes of this Clause 25.2.2 shall include Equity Support.

25.2.3 Equity Support shall be due and payable to the Concessionaire after it has expended the Equity, and shall be disbursed proportionately along with the loan funds thereafter remaining to be disbursed by the Senior Lenders under the Financing Agreements. The Authority shall disburse each tranche of the Equity Support as and when due, but no later than 15 (fifteen) days of receiving a request from the Concessionaire along with necessary particulars.

25.2.4 In the event of occurrence of a Concessionaire Default, disbursement of Equity Support shall be suspended till such Concessionaire Default has been cured by the Concessionaire.

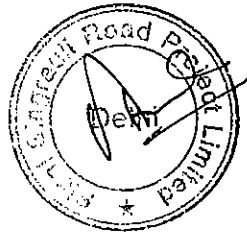
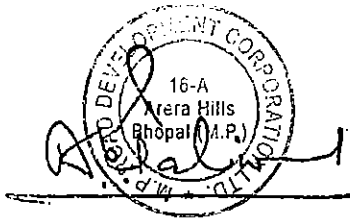


**25.3 O&M Support**

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**25.4 Premium**

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ARTICLE 26  
CONCESSION FEE

**26.1 Concession Fee**

In consideration of the grant of Concession, the Concessionaire shall pay to the Authority by way of concession fee (the "Concession Fee") a sum of Re. 1 (Rupee one) per annum {and the Premium specified in Clause 26.2}.

**26.2 Additional Concession Fee**

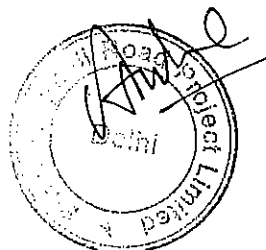
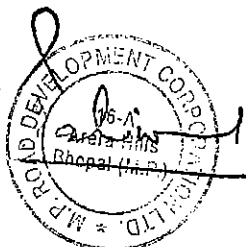
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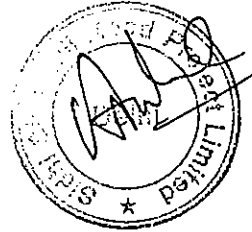
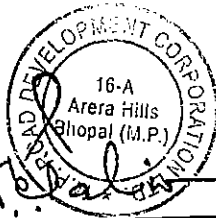
**26.4 Verification of Realisable Fee**

26.4.1 The Authority may, in order to satisfy itself that the Concessionaire is reporting its Realisable Fee honestly and faithfully, depute its representatives to the Toll Plaza[s] and the offices of the Concessionaire, and undertake such other measures and actions as it may deem necessary, to ascertain the actual Fee revenues.

26.4.2 If the verification of Fee revenues pursuant to this Clause 26.5 demonstrates that the Realisable Fee is more than the amount reported by the Concessionaire, the Authority shall, for the purpose of determining the Fee revenues, be entitled to undertake traffic sampling for a continuous period of 7 (seven) days in accordance with Clause 22.3. The Parties hereto agree that if the average daily Fee revenue determined under this Clause 26.4.2 exceeds the average daily Realisable Fee reported by the Concessionaire during the preceding month by 1% (one percent) thereof, the difference between such Fee revenue and Realisable Fee shall be multiplied by 180 (one hundred and eighty) and the product thereof shall be paid as Damages by the Concessionaire to the Authority, and in the event of any Dispute relating to the traffic sampling, the Dispute Resolution Procedure shall apply. For the avoidance of doubt, it is agreed that seasonal variations in traffic volume shall be determined



by the Independent Engineer on the basis of past trends and other relevant information, and due weightage shall be assigned to such variations in computing the Realisable Fee under this Clause 26.4.2.



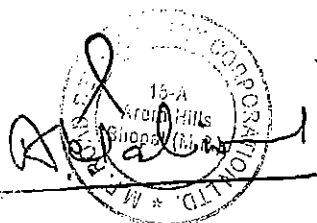


## ARTICLE 27

## USER FEE

**27.1 Collection and appropriation of Fee**

- 27.1.1 On and from the COD till the Transfer Date, the Concessionaire shall have the sole and exclusive right to demand, collect and appropriate Fee from the Users subject to and in accordance with this Agreement and the National Highways Fee (Determination of Rates and Collection) Rules, 2008 and amendment rules 2010 & 2011 (the "Fee Rules"); provided that for ease of payment and collection, such Fee shall be rounded off to the nearest 5 (five) rupees in accordance with the Fee Rules; provided further that the Concessionaire may determine and collect Fee at such lower rates as it may, by public notice to the Users, specify in respect of all or any category of Users or vehicles.
- 27.1.2 The Parties acknowledge that a notification for levy and collection of Fee shall be issued by the Government under Section 8A of the Act read with Rule 3 of the National Highways Fee (Determination of Rates and Collection) Rules, 2008 and amendment rules 2010 & 2011 (the "Fee Notification") within 90 (ninety) days hereof, substantially in the form set forth in Schedule-R.
- 27.1.3 The Concessionaire acknowledges and agrees that upon payment of Fee, any User shall be entitled to use the Project Highway and the Concessionaire shall not place, or cause to be placed, any restriction on such use, except to the extent specified in any Applicable Law, Applicable Permit or the provisions of this Agreement.
- 27.1.4 The Concessionaire acknowledges and agrees that any User who is not liable for payment of the Fee shall be entitled to use the Project Highway without any restrictions, except to the extent specified in any Applicable Law, Applicable Permit or the provisions of this Agreement. For the avoidance of doubt, the Concessionaire hereby acknowledges that Exempted Vehicles are not liable to payment of Fee.



## 27.2 Revision of Fee

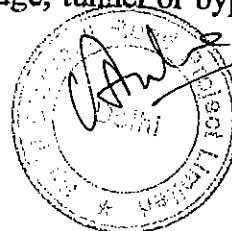
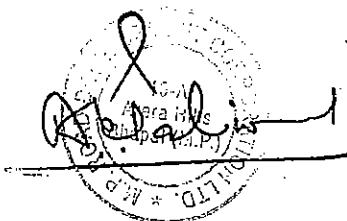
27.2.1 The Parties hereto acknowledge and agree that the Fee shall be revised annually on April 1 subject to and in accordance with the provisions of the Fee Rules; provided, however, that no revision shall be effected within a period of 6 (six) months from the date of the preceding revision of Fee.

27.2.2 The Concessionaire hereby acknowledges and agrees that it is not entitled to any revision of Fee or other relief from the Authority or any Government Instrumentality except in accordance with the express provisions of this Agreement.

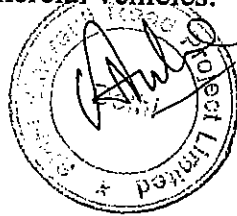
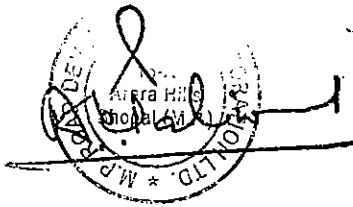
## 27.3 Exemption for Local Users

27.3.1 The Concessionaire shall not collect any Fee from a Local Personal User for non-commercial use of the Project Highway, and shall issue a pass in respect thereof for commuting on a section of the Project Highway as specified in such pass and for crossing the Toll Plaza specified therein. For carrying out the provisions of this Clause 27.3, the Concessionaire shall formulate, publish and implement an appropriate scheme, and make such modifications to the scheme as may reasonably be suggested by the Authority or by Local Personal Users from time to time; provided that for defraying its expenses on issuing of passes and handling of Local Users, the Concessionaire shall be entitled to charge a monthly fee of Rs.150 (Rupees one hundred and fifty), with reference to the base year 2007-08, to be revised annually in accordance with the Fee Rules to reflect the variation in WPI, and then rounded off to the nearest 5 (five) rupees; provided further that no passes will be required or Fee collected from a vehicle that uses part of the Project Highway and does not cross a Toll Plaza.

27.3.2 The concessionaire shall collect fee from a person, who owns a commercial vehicle (excluding vehicle plying under National Permit.), registered with address on the Registration Certificate of a particular district and uses such vehicle for commuting on a section of the National Highway, permanent bridge, tunnel or bypass as the



case may be, which is located within that district, shall be levied User Fee on all Toll Plazas are located within that district, at the rate of fifty percent of the prescribed rate of fee; provided that no such concession shall be provided, if a service road or alternate road is available for use by such commercial vehicles.



#### 27.4 Free use of service road

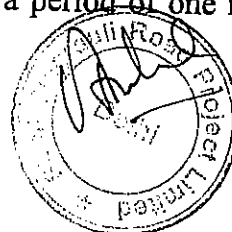
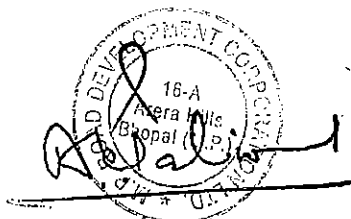
27.4.1 The Concessionaire shall not permit entry of Local Users, Tractors, animal-drawn vehicles, three-wheelers and Motor Cycles on the carriageway of the Project Highway where a service road or alternative road is available in conformity with the provisions of Fee Rules; provided that a Motor Cycle shall be permitted to use such carriageway upon payment of Fee. For the avoidance of doubt, it is agreed that the Concessionaire shall be entitled to set up temporary or permanent Fee collection booths, entry barriers or such other restrictions on the service roads, as may reasonably be necessary for preventing evasion of Fee by vehicles which are otherwise liable to payment of Fee.

27.4.2 Any motorised vehicle, not being a Tractor, animal-drawn vehicle, three-wheeler, Motor Cycle or a vehicle of Local User, using the service road forming part of the Project Highway shall be liable to payment of Fee as if it was using the Project Highway. For the avoidance of doubt, a vehicle which is not liable to payment of Fee for use of any section of the Project Highway shall not be required to pay Fee if it is using a service road in that section of the Project Highway.

#### 27.5 Discounted Fee for frequent Users

27.5.1 The Concessionaire shall, upon request from any person, issue a return pass on payment of a sum equal to 150% (one hundred and fifty per cent) of the Fee payable for the respective vehicle if it were to undertake a single one-way trip on the Project Highway. Such return pass shall entitle the specified vehicle to undertake a return journey within 24 (twenty four) hours from the time of payment of Fee.

27.5.2 The Concessionaire shall, upon request from any person for issue of 50 (fifty) or more one-way toll tickets, issue such tickets at a discounted rate equivalent to two-thirds of the Fee payable for the respective vehicle. Such discounted tickets shall entitle the specified vehicle to commute on the Project Highway by using one ticket for a single one-way trip at any time during a period of one month from



the date of payment of Fee..

## 27.6 Re-appropriation of excess Fee

27.6.1 In the event that the average daily traffic of PCUs in any Accounting Year shall have reached a level equivalent to 120% (one hundred and twenty percent) of the designed capacity specified in Clause 29.2.3 (the "Traffic Cap"), the Fee levied and collected from the traffic exceeding the Traffic Cap shall, notwithstanding anything to the contrary contained in this Agreement, be deemed to be due and payable to the Authority in accordance with the provisions of Clause 27.6.2

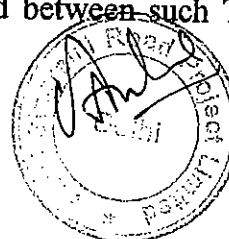
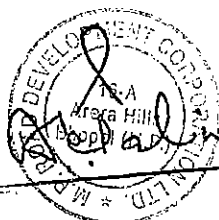
27.6.2 If traffic in any Accounting Year exceeds the Traffic Cap, the Concessionaire shall be entitled to collect and appropriate the Realisable Fee for traffic not exceeding the Traffic Cap and for all traffic exceeding the Traffic Cap, the Concessionaire shall collect and deposit the same into the Safety Fund within 60 (sixty) days of the close of the relevant Accounting Year; provided that the balance remaining in respect of the excess traffic of the last Accounting Year of the Concession Period shall be credited to the Safety Fund within 30 (thirty) days of the Transfer Date.

## 27.7 Tolling Contractor

The Concessionaire may appoint a Tolling Contractor or any other person to collect the Fee for and on behalf of the Concessionaire, provided that notwithstanding such appointment, the Concessionaire shall be and remain solely liable and responsible for the collection of Fee in accordance with this Agreement and its deposit into the Escrow Account and for compliance with the provisions of this Agreement.

## 27.8 Fee collection points

Fee shall ordinarily be collected at the Toll Plaza[s] from vehicles crossing the Toll Plaza[s] and using the whole or part of the Project Highway; provided that for preventing evasion of Fee by any vehicle circumventing one or both of the Toll Plaza[s] and using the whole or part of the Project Highway [located between such Toll Plazas,



the Concessionaire shall be entitled to set up at its own risk and cost, and in consultation with the Independent Engineer, its temporary or permanent Fee collection booths, as may reasonably be necessary for preventing such evasion. For the avoidance of doubt, the Concessionaire hereby acknowledges and agrees that it shall not determine or collect Fee from Users who only use part of the Project Highway which is situated between the two Toll Plazas OR *only use part of the Project Highway situated on any one side of the Toll Plaza*. It is further acknowledged and agreed that the restrictions hereunder shall not extend beyond a distance of 10 (ten) kilometres from the Toll Plaza[s] and the provisions of this Clause 27.8 shall be so enforced as to minimise inconvenience to Users who are not liable to payment of Fee.

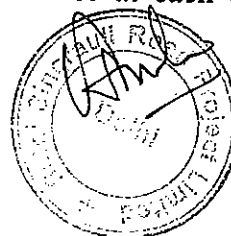
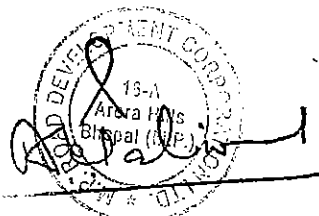
#### 27.9 Additional charge for evasion of Fee

In the event that any vehicle uses the Project Highway without payment of Fee due, the Concessionaire shall be entitled to determine and collect from such vehicle the Fee due and an equivalent amount towards predetermined liquidated damages for unauthorised use of the Project Highway; provided that the determination and collection of such liquidated damages shall be at the risk and cost of the Concessionaire and the Authority shall not in any manner be liable on account thereof; provided that upon failure of the driver of such vehicle to pay Fee, the Concessionaire may prevent such vehicle from using the Project Highway and may have such vehicle removed therefrom.

#### 27.10 Additional fee for overloaded vehicles

Without prejudice to the liability incurred under the Applicable Laws by any person driving a vehicle that is loaded in excess of the permissible limit set forth in such laws, the Concessionaire may recover Fee for such overloaded vehicle at the rate applicable to the next higher category of vehicles.

Provided that such Fee shall be levied on the basis of actual Gross Vehicle Weight as measured by a standardised static weighing machine to be installed by the Concessionaire at each of the Toll



Plaza[s] and where no such weighing machine has been installed, the Concessionaire shall not be entitled to collect Fee for the next higher category of vehicles.

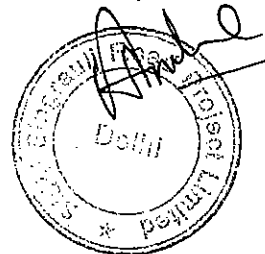
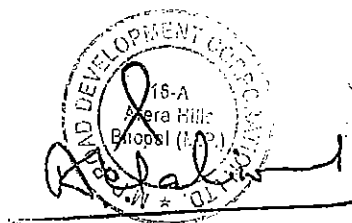
Provided further that upon detection of overloading, the Concessionaire shall prevent the vehicle from using the Project Highway until the excess load has been removed from such vehicle and the Authority shall not be liable for any act of omission of the Concessionaire in relation to such vehicle or person driving such vehicle.

### 27.11 Display of Fee rates

27.11.1 The Concessionaire shall, one kilometre before the Toll Plaza, 500 (five hundred) metres before the Toll Plaza and 50 (fifty) metres before entry to the Toll Plaza[s], prominently display the applicable rates of Fee for information of Users approaching the Toll Plaza and shall also publish and display such other information in such manner as may be prescribed under the Fee Rules.

27.11.2 The Concessionaire shall, from time to time, inform the Authority of the applicable Fee and the detailed calculation thereof. Such information shall be communicated at least 15 (fifteen) days prior to the revision of Fee under and in accordance with the Fee Rules.

27.11.3 The Concessionaire shall not revise, display or collect any amounts in excess of the rates of Fee payable under the Fee Rules. In the event any excess amounts are collected by or on behalf of the Concessionaire, it shall, upon receiving a notice to this effect from the Authority, refund such excess amounts to the Authority along with Damages equal to 25% (twenty five percent) thereof.



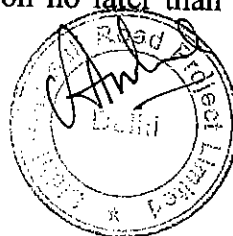
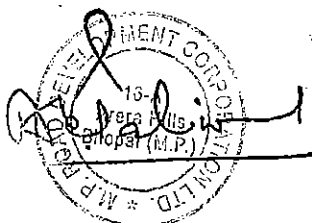
ARTICLE 28  
**REVENUE SHORTFALL LOAN**

**28.1 Revenue Shortfall Loan**

- 28.1.1 If the Realisable Fee in any Accounting Year shall fall short of the Subsistence Revenue as a result of an Indirect Political Event, a Political Event or an Authority Default, as the case may be, the Authority shall, upon request of the Concessionaire, provide a loan for meeting such shortfall (the "Revenue Shortfall Loan") at an interest rate equal to 2% (two per cent) above the Bank Rate.
- 28.1.2 If the half-yearly results of the Concessionaire indicate that the shortfall referred to in Clause 28.1.1 and contemplated for an Accounting Year has arisen in respect of the first 6 (six) months thereof, the Concessionaire shall be entitled to a provisional Revenue Shortfall Loan; provided that, no later than 60 (sixty) days after the close of such Accounting Year, the Concessionaire shall either repay the provisional loan with interest or adjust it against the Revenue Shortfall Loan, if any, as may be due to it under this Clause 28.1.
- 28.1.3 The Authority shall disburse the Revenue Shortfall Loan or the provisional Revenue Shortfall Loan, as the case may be, within 30 (thirty) days of receiving a valid request from the Concessionaire along with the particulars thereof including a detailed account of the Indirect Political Event, Political Event or the Authority Default, as the case may be, and its impact on the collection of Fee.

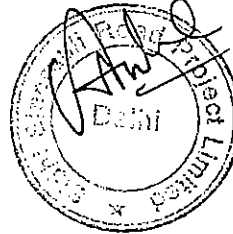
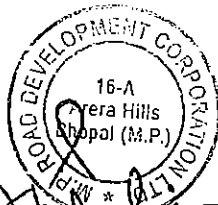
**28.2 Repayment of Revenue Shortfall Loan**

A sum equal to 50% (fifty per cent) of the 'profit before tax' of the Concessionaire, as and when made, shall be earmarked for repayment of the Revenue Shortfall Loan and interest thereon, and paid by the Concessionaire to the Authority within 90 (ninety) days of the close of the Accounting Year in which such profits have been made; provided that the Concessionaire shall repay the entire Revenue Shortfall Loan and interest thereon no later than one year





prior to the expiry of the Concession Period and in the event that any sum remains due or outstanding at any time during such period of one year, the Authority shall be entitled to terminate this Agreement forthwith. For the avoidance of doubt, it is agreed that the repayment of Revenue Shortfall Loan shall be in accordance with and subject to the provisions of Article 31.



## ARTICLE 29

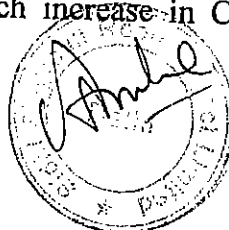
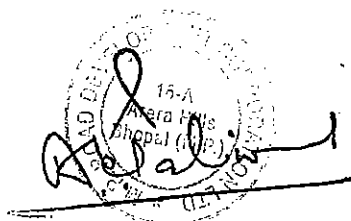
## EFFECT OF VARIATIONS IN TRAFFIC GROWTH

## 29.1 Effect of variations in traffic growth

- 29.1.1 The Authority and the Concessionaire acknowledge that the traffic as on October 1, 2035 (the "Target Date") is estimated to be 41531 PCUs per day (the "Target Traffic") and hereby agree that for determining the modifications to the Concession Period under this Article 29, the actual traffic on the Target Date shall be derived by computing the average of the traffic as determined by traffic sampling to be undertaken, in accordance with Clause 22.3, on the date that falls one year prior to the Target Date, on the Target Date and on the first anniversary of the Target Date (the "Actual Average Traffic"). For the avoidance of doubt, it is agreed that traffic sampling shall be undertaken for a continuous period of 7 (seven) days during anytime within 15 (fifteen) days prior to the date specified herein and the average thereof shall be deemed to be the actual traffic. It is further agreed that if the Project Highway shall have two or more Toll Plazas, the average traffic thereof shall be computed for determining the Actual Average Traffic hereunder.
- 29.1.2 In the event that the Actual Average Traffic shall have fallen short of the Target Traffic by more than 2.5% (two point five per cent) thereof or exceeded the Target Traffic by more than 2.5% (two point five per cent) thereof, the Concession Period shall be deemed to be modified in accordance with Clause 29.2. For the avoidance of doubt, in the event of any Dispute relating to Actual Average Traffic, the Dispute Resolution Procedure shall apply.

## 29.2 Modification in the Concession Period

- 29.2.1 Subject to the provisions of Clause 29.1.2, in the event Actual Average Traffic shall have fallen short of the Target Traffic, then for every 1% (one per cent) shortfall as compared to the Target Traffic, the Concession Period shall, subject to payment of Concession Fee in accordance with this Agreement, be increased by 1.5% (one point five per cent) thereof; provided that such increase in Concession

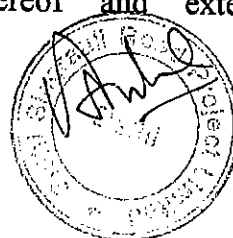
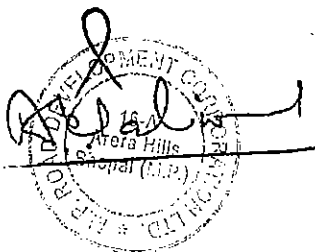


Period shall not in any case exceed 20% (twenty per cent) of the Concession Period. For the avoidance of doubt, and by way of illustration, it is agreed that in the event of a shortfall of 10.6% (ten point six per cent) in Target Traffic, the Concession Period shall be increased by 15% (fifteen per cent) thereof.

29.2.2 Subject to the provisions of Clause 29.1.2, in the event Actual Average Traffic shall have exceeded the Target Traffic, then for every 1% (one per cent) excess as compared to the Target Traffic, the Concession Period shall be reduced by 0.75% (zero point seven five per cent) thereof; provided that such reduction in Concession Period shall not in any case exceed 10% (ten per cent) thereof. For the avoidance of doubt and by way of illustration, it is agreed that in the event of an excess of 8.7% (eight point seven per cent) in Target Traffic, the Concession Period shall be reduced by 6% (six per cent) thereof:

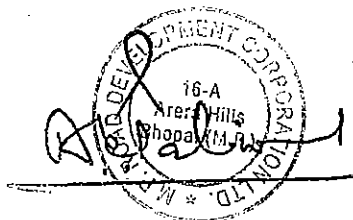
Provided further that in lieu of a reduction in Concession Period under this Clause 29.2.2, the Concessionaire may elect to pay, in addition to the Concession Fee that would be due and payable if the Concession Period were not reduced hereunder, a further premium equal to 25% (twenty five per cent) of the Realisable Fee in the respective year(s), and upon notice given to this effect by the Concessionaire no later than 2 (two) years prior to the Transfer Date contemplated under this Clause 29.2.2, the Authority shall waive the reduction in Concession Period hereunder and recover the Concession Fee and the aforesaid premium for the period waived hereunder.

29.2.3 Notwithstanding anything to the contrary contained in this Agreement, if the average daily traffic of PCU's in any accounting year shall exceed the designed capacity of the Project Highway, the authority at it's option may cause preparation of a detailed project report (DPR). The said DPR, inter-alia will assess the cost as may have to be incurred for augmenting the capacity of the Project Highway such that its capacity shall have increased sufficiently for carrying the then current traffic in accordance with the corresponding provisions of the Indian Road Congress publication No. IRC-64,1990 or any substitute thereof and extension of



Concession Period, if any, that may be required to yield the Concessionaire a post-tax return on equity (Equity IRR) of 16% per annum, such assessment being made at an assumed debt: equity ratio of 70:30. Such extension of Concession Period shall be however limited to 5 (five) years. For avoidance of doubt, it is stated that there shall be no reduction in the Concession Period as originally accepted. The authority may thereafter, or their sole option, issue a notice to the Concessionaire (to be responded within a period of three months from the date of such notice), to undertake within six months of such notice, augmentation so determined by the authority. On refusal or non-acceptance by the Concessionaire to undertake such augmentation, either absolutely or on such extension of Concession Period as assessed under the DPR, or on the failure of the Concessionaire to undertake such augmentation on the due date so intimated by the Authority, an indirect political event shall be deemed to have occurred and the Authority may in its discretion terminate this Agreement by issuing a termination notice and making a termination payment under and in accordance with the provisions of Clause 34.9.2; without the Authority being liable to issue any further notice under this provision. For the avoidance of doubt, the Parties agree that an average daily traffic of 60000 PCUs shall be deemed to be the designed capacity of the Four-Lane Project Highway

- 29.2.4 If the Concessionaire shall have, prior to issue of a Termination Notice under Clause 29.2.3, completed the construction works necessary for augmenting the capacity of the Project Highway such that its capacity shall have increased sufficiently for carrying the then current traffic in accordance with the relevant provisions of the Indian Roads Congress Publication No. IRC - 64, 1990 or any substitute thereof, the Indirect Political Event specified in Clause 29.2.3 shall be deemed to have been cured.



## ARTICLE 30

## CONSTRUCTION OF ADDITIONAL TOLLWAY

## 30.1 Restriction on construction of Additional Tollway

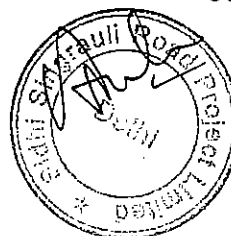
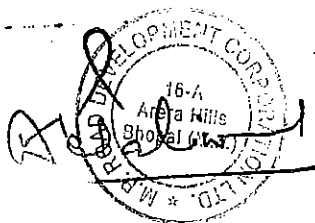
30.1.1 Notwithstanding anything to the contrary contained in this Agreement but subject always to Clause 30.2, the Authority shall not construct, and shall procure that no Government Instrumentality shall construct or cause to be constructed, any expressway or other toll road between, *inter alia*, Sidhi and Singrauli i.e. km. 83/4 and km. 195/8 on National Highway No. 75-E (collectively the "Additional Tollway") for use by traffic at any time before the 18th (eighteenth) anniversary of the Appointed Date; provided that in the event of the Concession Period being reduced to 18 (eighteen) years, the Additional Tollway may be opened to traffic at any time after the 12th (twelfth) anniversary of the Appointed Date. For the avoidance of doubt, Additional Tollway does not include any expressway or other toll road connecting, *inter alia*, Sidhi and Singrauli i.e. km 83/4 and km 195/8 on National Highway No. 75-E if the length of such expressway or toll road exceeds the length of the existing route comprising the Project Highway by 20% (twenty per cent) thereof.

30.1.2 If the Authority shall be in breach of the provisions of Clause 30.1.1, the Concessionaire shall, without prejudice to its other rights and remedies under this Agreement including Termination thereof, be entitled to receive compensation from the Authority under and in accordance with the provisions of Clause 35.4.

## 30.2 Modification in the Concession Period

In the event of the Authority or any Government Instrumentality constructing or causing construction of any Additional Tollway, the following shall apply:

- (a) if the Additional Tollway is opened to traffic between the 18th (eighteenth) and 30<sup>th</sup> (thirtieth) anniversary of the Appointed Date, the Concessionaire shall be entitled to an additional Concession Period, which shall be equal in



duration to the period between the opening of the Additional Tollway and the 30th (thirtieth) anniversary. For the avoidance of doubt, if the Additional Tollway is opened on the 27th (twenty seventh) anniversary, the Concession Period shall be deemed to be 33 (thirty three) years; and

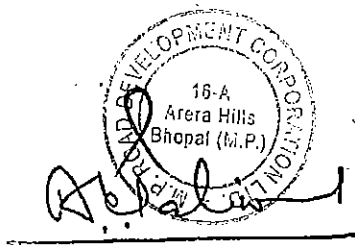
- (b) if the Concession Period is to be increased in accordance with the provisions of this Clause 30.2, the same shall be added to the Concession Period due to the Concessionaire under and in accordance with all other provisions of this Agreement, save and except the provisions relating to Termination.

### 30.3 Minimum Fee for the Project Highway

Upon commissioning of the Additional Tollway, the Concessionaire shall continue to collect the Fee, and shall not offer any discounts or reductions in such Fee except with the prior written consent of the Authority; provided that the Concessionaire may continue, in the same form and manner, any discounts or reductions that it had offered to any general or special class of Users or vehicles for a continuous period of three years prior to the opening of the Additional Tollway to traffic.

### 30.4 Minimum Fee for Additional Tollway

The Authority agrees and undertakes to procure that the fee to be levied and collected during the subsistence of this Concession from any vehicle or class of vehicles using the Additional Tollway shall at no time be less than 25% (twenty five percent) higher than the Fee levied and collected from similar vehicles using the Project Highway.



ARTICLE 31  
ESCROW ACCOUNT

**31.1 Escrow Account**

31.1.1 The Concessionaire shall, prior to the Appointed Date, open and establish an Escrow Account with a Bank (the "Escrow Bank") in accordance with this Agreement read with the Escrow Agreement.

31.1.2 The nature and scope of the Escrow Account are fully described in the agreement (the "Escrow Agreement") to be entered into amongst the Concessionaire, the Authority, the Escrow Bank and the Senior Lenders through the Lenders' Representative, which shall be substantially in the form set forth in Schedule-S.

**31.2 Deposits into Escrow Account**

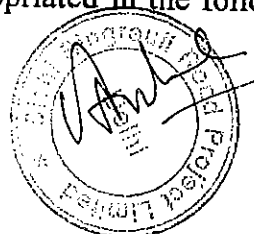
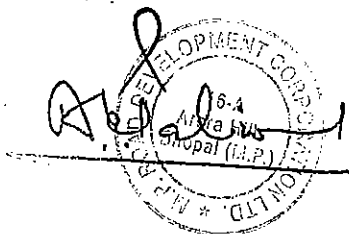
The Concessionaire shall deposit or cause to be deposited the following inflows and receipts into the Escrow Account:

- (a) all funds constituting the Financial Package;
- (b) all Fee and any other revenues from or in respect of the Project Highway, including the proceeds of any rentals, deposits, capital receipts or insurance claims; and
- (c) all payments by the Authority, after deduction of any outstanding Concession Fee:

Provided that the Senior Lenders may make direct disbursements to the EPC Contractor in accordance with the express provisions contained in this behalf in the Financing Agreements.

**31.3 Withdrawals during Concession Period**

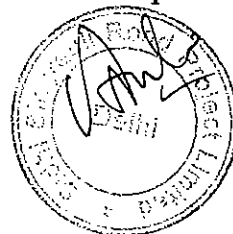
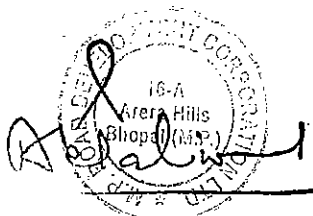
31.3.1 The Concessionaire shall, at the time of opening the Escrow Account, give irrevocable instructions, by way of an Escrow Agreement, to the Escrow Bank instructing, *inter alia*, that deposits in the Escrow Account shall be appropriated in the following order



every month, or at shorter intervals as necessary, and if not due in a month then appropriated proportionately in such month and retained in the Escrow Account and paid out therefrom in the month when due:

- (a) all taxes due and payable by the Concessionaire for and in respect of the Project Highway;
- (b) all payments relating to construction of the Project Highway, subject to and in accordance with the conditions, if any, set forth in the Financing Agreements;
- (c) O&M Expenses, subject to the ceiling, if any, set forth in the Financing Agreements;
- (d) O&M Expenses and other costs and expenses incurred by the Authority in accordance with the provisions of this Agreement, and certified by the Authority as due and payable to it;
- (e) Concession Fee due and payable to the Authority;
- (f) monthly proportionate provision of Debt Service due in an Accounting Year;
- (g) all payments and Damages certified by the Authority as due and payable to it by the Concessionaire, including repayment of Revenue Shortfall Loan;
- (h) monthly proportionate provision of debt service payments due in an Accounting Year in respect of Subordinated Debt;
- (i) any reserve requirements set forth in the Financing Agreements; and
- (j) balance, if any, in accordance with the instructions of the Concessionaire.

31.3.2 The Concessionaire shall not in any manner modify the order of payment specified in Clause 31.3.1, except with the prior written approval of the Authority.





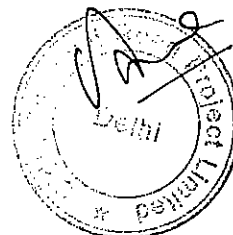
### 31.4 Withdrawals upon Termination

31.4.1 Notwithstanding anything to the contrary contained in this Agreement, all amounts standing to the credit of the Escrow Account shall, upon Termination, be appropriated in the following order:

- (a) all taxes due and payable by the Concessionaire for and in respect of the Project Highway;
- (b) 90% (ninety per cent) of Debt Due excluding Subordinated Debt;
- (c) outstanding Concession Fee;
- (d) all payments and Damages certified by the Authority as due and payable to it by the Concessionaire, including {Premium and} repayment of Revenue Shortfall Loan;
- (e) retention and payments relating to the liability for defects and deficiencies set forth in Article 39;
- (f) outstanding Debt Service including the balance of Debt Due;
- (g) outstanding Subordinated Debt;
- (h) incurred or accrued O&M Expenses;
- (i) any other payments required to be made under this Agreement; and
- (j) balance, if any, in accordance with the instructions of the Concessionaire:

Provided that no appropriations shall be made under Sub-clause (j) of this Clause 31.4.1 until a Vesting Certificate has been issued by the Authority under the provisions of Article 38.

31.4.2 The provisions of this Article 31 and the instructions contained in the Escrow Agreement shall remain in full force and effect until the obligations set forth in Clause 31.4.1 have been discharged.

ARTICLE 32  
INSURANCE

**32.1 Insurance during Concession Period**

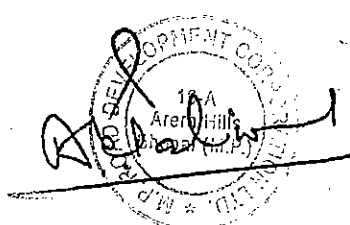
The Concessionaire shall effect and maintain at its own cost, during the Construction Period and the Operation Period, such insurances for such maximum sums as may be required under the Financing Agreements, and the Applicable Laws, and such insurances as may be necessary or prudent in accordance with Good Industry Practice. The Concessionaire shall also effect and maintain such insurances as may be necessary for mitigating the risks that may devolve on the Authority as a consequence of any act or omission of the Concessionaire during the Construction Period. The Concessionaire shall procure that in each insurance policy, the Authority shall be a co-insured and that the insurer shall pay the proceeds of insurance into the Escrow Account. For the avoidance of doubt, the level of insurance to be maintained by the Concessionaire after repayment of Senior Lenders' dues in full shall be determined on the same principles as applicable for determining the level of insurance prior to such repayment of Senior Lenders' dues.

**32.2 Notice to the Authority**

No later than 45 (forty-five) days prior to commencement of the Construction Period or the Operation Period, as the case may be, the Concessionaire shall by notice furnish to the Authority, in reasonable detail, information in respect of the insurances that it proposes to effect and maintain in accordance with this Article 32. Within 30 (thirty) days of receipt of such notice, the Authority may require the Concessionaire to effect and maintain such other insurances as may be necessary pursuant hereto, and in the event of any difference or disagreement relating to any such insurance, the Dispute Resolution Procedure shall apply.

**32.3 Evidence of Insurance Cover**

All insurances obtained by the Concessionaire in accordance with



this Article 32 shall be maintained with insurers on terms consistent with Good Industry Practice. Within 15 (fifteen) days of obtaining any insurance cover, the Concessionaire shall furnish to the Authority, notarised true copies of the certificate(s) of insurance, copies of insurance policies and premia payment receipts in respect of such insurance, and no such insurance shall be cancelled, modified, or allowed to expire or lapse until the expiration of at least 45 (forty five) days after notice of such proposed cancellation, modification or non-renewal has been delivered by the Concessionaire to the Authority.

#### **32.4 Remedy for failure to insure**

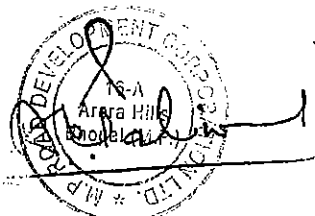
If the Concessionaire shall fail to effect and keep in force all insurances for which it is responsible pursuant hereto, the Authority shall have the option to either keep in force any such insurances, and pay such premia and recover the costs thereof from the Concessionaire, or in the event of computation of a Termination Payment, treat an amount equal to the Insurance Cover as deemed to have been received by the Concessionaire.

#### **32.5 Waiver of subrogation**

All insurance policies in respect of the insurance obtained by the Concessionaire pursuant to this Article 32 shall include a waiver of any and all rights of subrogation or recovery of the insurers thereunder against, *inter alia*, the Authority, and its assigns, successors, undertakings and their subsidiaries, affiliates, employees, insurers and underwriters, and of any right of the insurers to any set-off or counterclaim or any other deduction, whether by attachment or otherwise, in respect of any liability of any such person insured under any such policy or in any way connected with any loss, liability or obligation covered by such policies of insurance.

#### **32.6 Concessionaire's waiver**

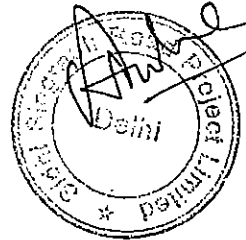
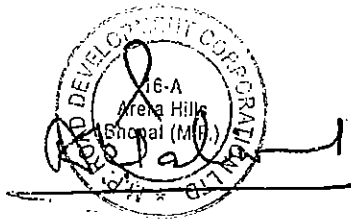
The Concessionaire hereby further releases, assigns and waives any and all rights of subrogation or recovery against, *inter alia*, the Authority and its assigns, undertakings and their subsidiaries, affiliates, employees, successors, insurers and underwriters, which



the Concessionaire may otherwise have or acquire in or from or in any way connected with any loss, liability or obligation covered by policies of insurance maintained or required to be maintained by the Concessionaire pursuant to this Agreement (other than third party liability insurance policies) or because of deductible clauses in or inadequacy of limits of any such policies of insurance.

**32.7 Application of insurance proceeds**

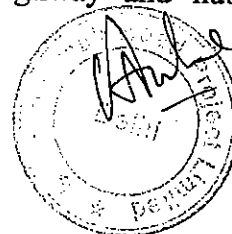
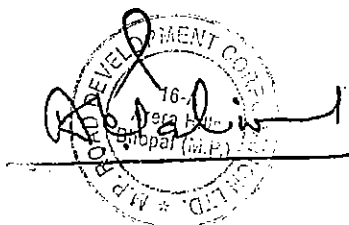
The proceeds from all insurance claims, except life and injury, shall be paid to the Concessionaire by credit to the Escrow Account and it shall, notwithstanding anything to the contrary contained in Clause 31.3, apply such proceeds for any necessary repair, reconstruction, reinstatement, replacement, improvement, delivery or installation of the Project Highway, and the balance remaining, if any, shall be applied in accordance with the provisions contained in this behalf in the Financing Agreements.



ARTICLE 33  
ACCOUNTS AND AUDIT

**33.1 Audited accounts**

- 33.1.1 The Concessionaire shall maintain books of accounts recording all its receipts (including all Realisable Fees and other revenues derived/collected by it from or on account of the Project Highway and/or its use), income, expenditure, payments (including payments from the Escrow Account), assets and liabilities, in accordance with this Agreement, Good Industry Practice, Applicable Laws and Applicable Permits. The Concessionaire shall provide 2 (two) copies of its Balance Sheet, Cash Flow Statement and Profit and Loss Account, along with a report thereon by its Statutory Auditors, within 90 (ninety) days of the close of the Accounting Year to which they pertain and such audited accounts, save and except where expressly provided to the contrary, shall form the basis of payments by either Party under this Agreement. The Authority shall have the right to inspect the records of the Concessionaire during office hours and require copies of relevant extracts of books of accounts, duly certified by the Statutory Auditors, to be provided to the Authority for verification of basis of payments, and in the event of any discrepancy or error being found, the same shall be rectified and such rectified account shall form the basis of payments by either Party under this Agreement.
- 33.1.2 The Concessionaire shall, within 30 (thirty) days of the close of each quarter of an Accounting Year, furnish to the Authority its unaudited financial results in respect of the preceding quarter, in the manner and form prescribed by the Securities and Exchange Board of India for publication of quarterly results by the companies listed on a stock exchange.
- 33.1.3 On or before the thirty-first day of May each Year, the Concessionaire shall provide to the Authority, for the preceding Accounting Year, a statement duly audited by its Statutory Auditors giving summarised information on (a) the traffic count for each category of vehicles using the Project Highway and liable for



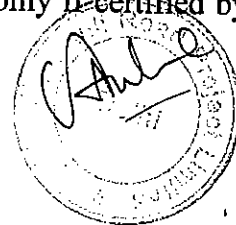
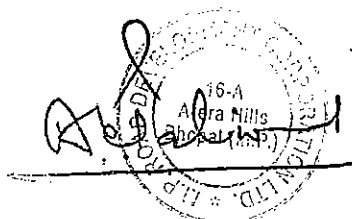
payment of Fee therefor, (b) Fee charged and received, Realisable Fee and other revenues derived from the Project Highway, and (c) such other information as the Authority may reasonably require.

### 33.2 Appointment of auditors

- 33.2.1 The Concessionaire shall appoint, and have during the subsistence of this Agreement as its Statutory Auditors, a firm chosen by it from the mutually agreed list of 10 (ten) reputable firms of chartered accountants (the "**Panel of Chartered Accountants**"), such list to be prepared substantially in accordance with the criteria set forth in Schedule-T. All fees and expenses of the Statutory Auditors shall be borne by the Concessionaire.
- 33.2.2 The Concessionaire may terminate the appointment of its Statutory Auditors after a notice of 45 (forty five) days to the Authority, subject to the replacement Statutory Auditors being appointed from the Panel of Chartered Accountants.
- 33.2.3 Notwithstanding anything to the contrary contained in this Agreement, the Authority shall have the right, but not the obligation, to appoint at its cost from time to time and at anytime, another firm (the "**Additional Auditors**") from the Panel of Chartered Accountants to audit and verify all those matters, expenses, costs, realisations and things which the Statutory Auditors are required to do, undertake or certify pursuant to this Agreement.
- 33.2.4 In the event that the Grant exceeds 20% (twenty per cent) of the Total Project Cost, the Authority shall have the right, but not the obligation, to appoint at its cost, for the duration of the Construction Period, another firm (the "**Concurrent Auditors**") from the Panel of Chartered Accountants to undertake concurrent audit of the Concessionaire's accounts.

### 33.3 Certification of claims by Statutory Auditors

Any claim or document provided by the Concessionaire to the Authority in connection with or relating to receipts, income, payments, costs, expenses, accounts or audit, and any matter incidental thereto shall be valid and effective only if certified by its



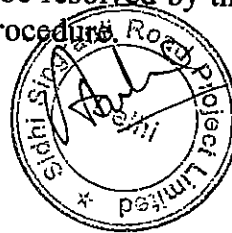
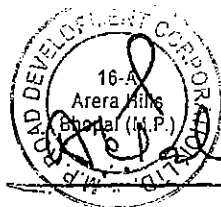
Statutory Auditors. For the avoidance of doubt, such certification shall not be required for exchange of information in the normal course of business including the submission of Monthly Fee Statements under Clause 19.5.

#### 33.4 Set-off

In the event any amount is due and payable by the Authority to the Concessionaire, it may set-off any sums payable to it by the Concessionaire and pay the balance remaining. Any exercise by the Authority of its rights under this Clause shall be without prejudice to any other rights or remedies available to it under this Agreement or otherwise.

#### 33.5 Dispute resolution

In the event of there being any difference between the findings of the Additional Auditors or the Concurrent Auditors, as the case may be, and the certification provided by the Statutory Auditors, such Auditors shall meet to resolve the differences and if they are unable to resolve the same, such Dispute shall be resolved by the Authority by recourse to the Dispute Resolution Procedure.



ARTICLE 34  
FORCE MAJEURE

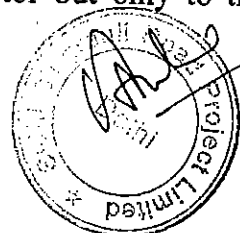
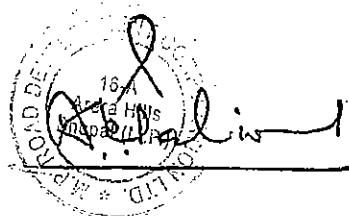
**34.1 Force Majeure**

As used in this Agreement, the expression "Force Majeure" or "Force Majeure Event" shall mean occurrence in India of any or all of Non-Political Event, Indirect Political Event and Political Event, as defined in Clauses 34.2, 34.3 and 34.4 respectively, if it affects the performance by the Party claiming the benefit of Force Majeure (the "Affected Party") of its obligations under this Agreement and which act or event (i) is beyond the reasonable control of the Affected Party, and (ii) the Affected Party could not have prevented or overcome by exercise of due diligence and following Good Industry Practice, and (iii) has Material Adverse Effect on the Affected Party.

**34.2 Non-Political Event**

A Non-Political Event shall mean one or more of the following acts or events:

- (a) act of God, epidemic, extremely adverse weather conditions, lightning, earthquake, landslide, cyclone, flood, volcanic eruption, chemical or radioactive contamination or ionising radiation, fire or explosion (to the extent of contamination or radiation or fire or explosion originating from a source external to the Site);
- (b) strikes or boycotts (other than those involving the Concessionaire, Contractors or their respective employees/representatives, or attributable to any act or omission of any of them) interrupting supplies and services to the Project Highway for a continuous period of 24 (twenty four) hours and an aggregate period exceeding 7 (seven) days in an Accounting Year, and not being an Indirect Political Event set forth in Clause 34.3;
- (c) any failure or delay of a Contractor but only to the extent





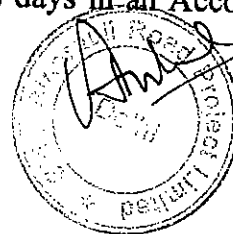
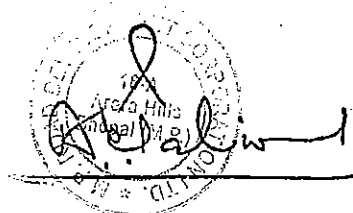
caused by another Non-Political Event and which does not result in any offsetting compensation being payable to the Concessionaire by or on behalf of such Contractor;

- (d) any judgement or order of any court of competent jurisdiction or statutory authority made against the Concessionaire in any proceedings for reasons other than (i) failure of the Concessionaire to comply with any Applicable Law or Applicable Permit, or (ii) on account of breach of any Applicable Law or Applicable Permit or of any contract, or (iii) enforcement of this Agreement, or (iv) exercise of any of its rights under this Agreement by the Authority;
- (e) the discovery of geological conditions, toxic contamination or archaeological remains on the Site that could not reasonably have been expected to be discovered through a site inspection; or
- (f) any event or circumstances of a nature analogous to any of the foregoing.

### 34.3 Indirect Political Event

An Indirect Political Event shall mean one or more of the following acts or events:

- (a) an act of war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy, blockade, embargo, riot, insurrection, terrorist or military action, civil commotion or politically motivated sabotage;
- (b) industry-wide or State-wide strikes or industrial action for a continuous period of 24 (twenty four) hours and exceeding an aggregate period of 7 (seven) days in an Accounting Year;
- (c) any civil commotion, boycott or political agitation which prevents collection of Fee by the Concessionaire for an aggregate period exceeding 7 (seven) days in an Accounting Year;

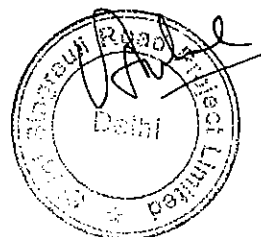
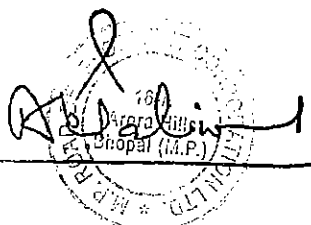


- (d) any failure or delay of a Contractor to the extent caused by any Indirect Political Event and which does not result in any offsetting compensation being payable to the Concessionaire by or on behalf of such Contractor;
- (e) any Indirect Political Event that causes a Non-Political Event; or
- (f) any event or circumstances of a nature analogous to any of the foregoing.

#### 34.4 Political Event

A Political Event shall mean one or more of the following acts or events by or on account of any Government Instrumentality:

- (a) Change in Law, only if consequences thereof cannot be dealt with under and in accordance with the provisions of Article 41 and its effect, in financial terms, exceeds the sum specified in Clause 41.1;
- (b) compulsory acquisition in national interest or expropriation of any Project Assets or rights of the Concessionaire or of the Contractors;
- (c) unlawful or unauthorised or without jurisdiction revocation of, or refusal to renew or grant without valid cause, any clearance, licence, permit, authorisation, no objection certificate, consent, approval or exemption required by the Concessionaire or any of the Contractors to perform their respective obligations under this Agreement and the Project Agreements; provided that such delay, modification, denial, refusal or revocation did not result from the Concessionaire's or any Contractor's inability or failure to comply with any condition relating to grant, maintenance or renewal of such clearance, licence, authorisation, no objection certificate, exemption, consent, approval or permit;
- (d) any failure or delay of a Contractor but only to the extent caused by another Political Event and which does not result in



any offsetting compensation being payable to the Concessionaire by or on behalf of such Contractor; or

- (e) any event or circumstance of a nature analogous to any of the foregoing.

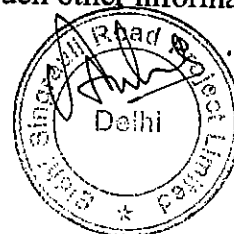
#### 34.5 Duty to report Force Majeure Event

34.5.1 Upon occurrence of a Force Majeure Event, the Affected Party shall by notice report such occurrence to the other Party forthwith. Any notice pursuant hereto shall include full particulars of:

- (a) the nature and extent of each Force Majeure Event which is the subject of any claim for relief under this Article 34 with evidence in support thereof;
- (b) the estimated duration and the effect or probable effect which such Force Majeure Event is having or will have on the Affected Party's performance of its obligations under this Agreement;
- (c) the measures which the Affected Party is taking or proposes to take for alleviating the impact of such Force Majeure Event; and
- (d) any other information relevant to the Affected Party's claim.

34.5.2 The Affected Party shall not be entitled to any relief for or in respect of a Force Majeure Event unless it shall have notified the other Party of the occurrence of the Force Majeure Event as soon as reasonably practicable, and in any event no later than 7 (seven) days after the Affected Party knew, or ought reasonably to have known, of its occurrence, and shall have given particulars of the probable material effect that the Force Majeure Event is likely to have on the performance of its obligations under this Agreement.

34.5.3 For so long as the Affected Party continues to claim to be materially affected by such Force Majeure Event, it shall provide the other Party with regular (and not less than weekly) reports containing information as required by Clause 34.5.1, and such other information



as the other Party may reasonably request the Affected Party to provide.

### **34.6 Effect of Force Majeure Event on the Concession**

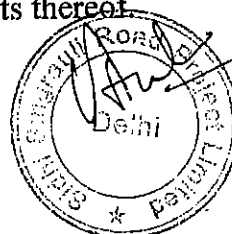
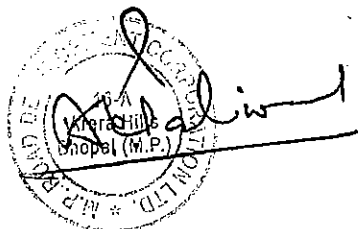
34.6.1 Upon the occurrence of any Force Majeure Event prior to the Appointed Date, the period set forth in Clause 24.1.1 for achieving Financial Close shall be extended by a period equal in length to the duration of the Force Majeure Event.

34.6.2 At any time after the Appointed Date, if any Force Majeure Event occurs:

- (a) before COD, the Concession Period and the dates set forth in the Project Completion Schedule shall be extended by a period equal in length to the duration for which such Force Majeure Event subsists; or
- (b) after COD, whereupon the Concessionaire is unable to collect Fee despite making best efforts or it is directed by the Authority to suspend the collection thereof during the subsistence of such Force Majeure Event, the Concession Period shall be extended by a period, equal in length to the period during which the Concessionaire was prevented from collection of Fee on account thereof; provided that in the event of partial collection of Fee where the daily collection is less than 90% (ninety per cent) of the Average Daily Fee, the Authority shall extend the Concession Period in proportion to the loss of Fee on a daily basis. For the avoidance of doubt, loss of 25% (twenty-five per cent) in collection of Fee as compared to the Average Daily Fee for four days shall entitle the Concessionaire to extension of one day in the Concession Period.

### **34.7 Allocation of costs arising out of Force Majeure**

34.7.1 Upon occurrence of any Force Majeure Event prior to the Appointed Date, the Parties shall bear their respective costs and no Party shall be required to pay to the other Party any costs thereof



34.7.2 Upon occurrence of a Force Majeure Event after the Appointed Date, the costs incurred and attributable to such event and directly relating to the Project (the "Force Majeure Costs") shall be allocated and paid as follows:

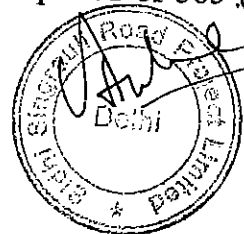
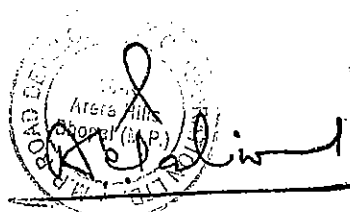
- (a) upon occurrence of a Non-Political Event, the Parties shall bear their respective Force Majeure Costs and neither Party shall be required to pay to the other Party any costs thereof;
- (b) upon occurrence of an Indirect Political Event, all Force Majeure Costs attributable to such Indirect Political Event, and not exceeding the Insurance Cover for such Indirect Political Event, shall be borne by the Concessionaire, and to the extent Force Majeure Costs exceed such Insurance Cover, one half of such excess amount shall be reimbursed by the Authority to the Concessionaire; and
- (c) upon occurrence of a Political Event, all Force Majeure Costs attributable to such Political Event shall be reimbursed by the Authority to the Concessionaire.

For the avoidance of doubt, Force Majeure Costs may include interest payments on debt, O&M Expenses, any increase in the cost of Construction Works on account of inflation and all other costs directly attributable to the Force Majeure Event, but shall not include loss of Fee revenues or debt repayment obligations, and for determining such costs, information contained in the Financial Package may be relied upon to the extent that such information is relevant.

34.7.3 Save and except as expressly provided in this Article 34, neither Party shall be liable in any manner whatsoever to the other Party in respect of any loss, damage, cost, expense, claims, demands and proceedings relating to or arising out of occurrence or existence of any Force Majeure Event or exercise of any right pursuant hereto.

#### 34.8 Termination Notice for Force Majeure Event

If a Force Majeure Event subsists for a period of 180 (one hundred and eighty) days or more within a continuous period of 365 (three



hundred and sixty five) days, either Party may in its discretion terminate this Agreement by issuing a Termination Notice to the other Party without being liable in any manner whatsoever, save as provided in this Article 34, and upon issue of such Termination Notice, this Agreement shall, notwithstanding anything to the contrary contained herein, stand terminated forthwith; provided that before issuing such Termination Notice, the Party intending to issue the Termination Notice shall inform the other Party of such intention and grant 15 (fifteen) days time to make a representation, and may after the expiry of such 15 (fifteen) days period, whether or not it is in receipt of such representation, in its sole discretion issue the Termination Notice.

#### **34.9 Termination Payment for Force Majeure Event**

34.9.1 If Termination is on account of a Non-Political Event, the Authority shall make a Termination Payment to the Concessionaire in an amount equal to 90% (ninety per cent) of the Debt Due less Insurance Cover.

34.9.2 If Termination is on account of an Indirect Political Event, the Authority shall make a Termination Payment to the Concessionaire in an amount equal to:


(a) Debt Due less Insurance Cover; provided that if any insurance claims forming part of the Insurance Cover are not admitted and paid, then 80% (eighty per cent) of such unpaid claims shall be included in the computation of Debt Due; and

(b) 110% (one hundred and ten per cent) of the Adjusted Equity.

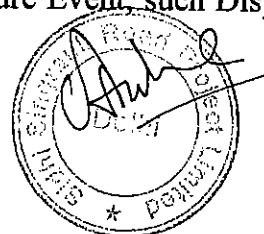
34.9.3 If Termination is on account of a Political Event, the Authority shall make a Termination Payment to the Concessionaire in an amount that would be payable under Clause 37.3.2 as if it were an Authority Default.

#### **34.10 Dispute resolution**

In the event that the Parties are unable to agree in good faith about the occurrence or existence of a Force Majeure Event, such Dispute



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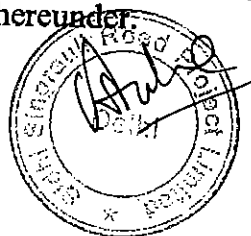
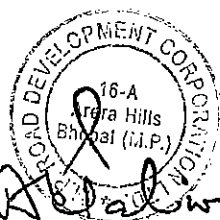


shall be finally settled in accordance with the Dispute Resolution Procedure; provided that the burden of proof as to the occurrence or existence of such Force Majeure Event shall be upon the Party claiming relief and/or excuse on account of such Force Majeure Event.

#### 34.11 Excuse from performance of obligations

If the Affected Party is rendered wholly or partially unable to perform its obligations under this Agreement because of a Force Majeure Event, it shall be excused from performance of such of its obligations to the extent it is unable to perform on account of such Force Majeure Event; provided that:

- (a) the suspension of performance shall be of no greater scope and of no longer duration than is reasonably required by the Force Majeure Event;
- (b) the Affected Party shall make all reasonable efforts to mitigate or limit damage to the other Party arising out of or as a result of the existence or occurrence of such Force Majeure Event and to cure the same with due diligence; and
- (c) when the Affected Party is able to resume performance of its obligations under this Agreement, it shall give to the other Party notice to that effect and shall promptly resume performance of its obligations hereunder.




## ARTICLE 35

**COMPENSATION FOR BREACH OF AGREEMENT****35.1 Compensation for default by the Concessionaire**

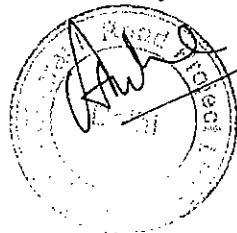
Subject to the provisions of Clause 35.6, in the event of the Concessionaire being in material default or breach of this Agreement, it shall pay to the Authority by way of compensation, all direct costs suffered or incurred by the Authority as a consequence of such material default or breach, within 30 (thirty) days of receipt of the demand supported by necessary particulars thereof; provided that no compensation shall be payable under this Clause 35.1 for any material breach or default in respect of which Damages are expressly specified and payable under this Agreement or for any consequential losses incurred by the Authority.

**35.2 Compensation for default by the Authority**

Subject to the provisions of Clause 35.6, in the event of the Authority being in material default or breach of this Agreement at any time after the Appointed Date, it shall pay to the Concessionaire by way of compensation, all direct costs suffered or incurred by the Concessionaire as a consequence of such material default or breach within 30 (thirty) days of receipt of the demand supported by necessary particulars thereof; provided that no such compensation shall be payable for any material breach or default in respect of which Damages have been expressly specified in this Agreement. For the avoidance of doubt, compensation payable may include interest payments on debt, O&M Expenses, any increase in capital costs on account of inflation and all other costs directly attributable to such material breach or default but shall not include loss of Fee revenues, debt repayment obligations or other consequential losses, and for determining such compensation, information contained in the Financial Package and the Financial Model may be relied upon to the extent it is relevant.



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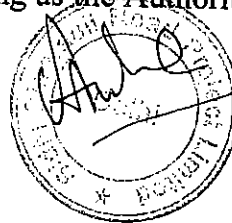
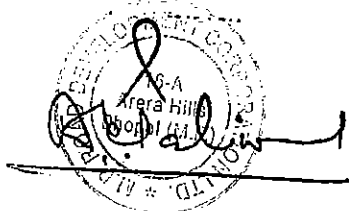
### 35.3 Extension of Concession Period

Subject to the provisions of Clause 35.6, in the event that a material default or breach of this Agreement set forth in Clause 35.2 causes delay in achieving COD or leads to suspension of or reduction in collection of Fee, as the case may be, the Authority shall, in addition to payment of compensation under Clause 35.2, extend the Concession Period, such extension being equal in duration to the period by which COD was delayed or the collection of Fee remained suspended on account thereof, as the case may be; and in the event of reduction in collection of Fee where the daily collection is less than 90% (ninety per cent) of the Average Daily Fee, the Authority shall, in addition to payment of compensation under Clause 35.2, extend the Concession Period in proportion to the loss of Fee on a daily basis. For the avoidance of doubt, loss of 25% (twenty five per cent) in collection of Fee as compared to the Average Daily Fee for four days shall entitle the Concessionaire to extension of one day in the Concession Period.

### 35.4 Compensation for Competing Roads

35.4.1 Subject to the provisions of Clause 35.6, in the event that an Additional Tollway or a Competing Road, as the case may be, is opened to traffic in breach of this Agreement, the Authority shall pay to the Concessionaire, for each day of breach, compensation in a sum equal to the difference between the average daily Realisable Fee and the projected daily Fee (the "Projected Fee") until the breach is cured. The Projected Fee hereunder shall be an amount equal to the Average Daily Fee, increased at the close of every month by 0.5% (zero point five per cent) thereof and revised in accordance with Clause 27.2. For the avoidance of doubt, the Average Daily Fee for the purposes of this Clause shall be the amount so determined in respect of the Accounting Year or period, as the case may be, occurring prior to such opening or operation of an Additional Tollway or a Competing Road, as the case may be.

35.4.2 Payment of compensation under this Clause 35.4 shall be deemed to cure the breach of this Agreement so long as the Authority continues to pay compensation hereunder.

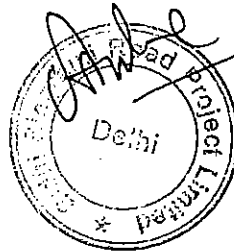
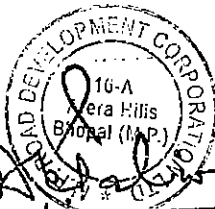


**35.5 Compensation to be in addition**

Compensation payable under this Article 35 shall be in addition to, and not in substitution for, or derogation of, Termination Payment, if any.

**35.6 Mitigation of costs and damage**

The Affected Party shall make all reasonable efforts to mitigate or limit the costs and damage arising out of or as a result of breach of Agreement by the other Party.



## ARTICLE 36

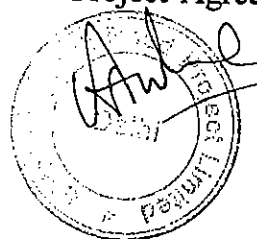
**SUSPENSION OF CONCESSIONAIRE'S RIGHTS****36.1 Suspension upon Concessionaire Default**

Upon occurrence of a Concessionaire Default, the Authority shall be entitled, without prejudice to its other rights and remedies under this Agreement including its rights of Termination hereunder, to (i) suspend all rights of the Concessionaire under this Agreement including the Concessionaire's right to collect Fee, and other revenues pursuant hereto, and (ii) exercise such rights itself and perform the obligations hereunder or authorise any other person to exercise or perform the same on its behalf during such suspension (the "Suspension"). Suspension hereunder shall be effective forthwith upon issue of notice by the Authority to the Concessionaire and may extend up to a period not exceeding 180 (one hundred and eighty) days from the date of issue of such notice; provided that upon written request from the Concessionaire and the Lenders' Representative, the Authority shall extend the aforesaid period of 180 (one hundred and eighty) days by a further period not exceeding 90 (ninety) days.

**36.2 Authority to act on behalf of Concessionaire**

36.2.1 During the period of Suspension, the Authority shall, on behalf of the Concessionaire, collect all Fee and revenues under and in accordance with this Agreement and deposit the same in the Escrow Account. The Authority shall be entitled to make withdrawals from the Escrow Account for meeting the costs incurred by it for remedying and rectifying the cause of Suspension, and thereafter for defraying the expenses specified in Clause 31.3.

36.2.2 During the period of Suspension hereunder, all rights and liabilities vested in the Concessionaire in accordance with the provisions of this Agreement shall continue to vest therein and all things done or actions taken, including expenditure incurred by the Authority for discharging the obligations of the Concessionaire under and in accordance with this Agreement and the Project Agreements, shall



be deemed to have been done or taken for and on behalf of the Concessionaire and the Concessionaire undertakes to indemnify the Authority for all costs incurred during such period. The Concessionaire hereby licences and sub-licences respectively, the Authority or any other person authorised by it under Clause 36.1 to use during Suspension, all Intellectual Property belonging to or licenced to the Concessionaire with respect to the Project Highway and its design, engineering, construction, operation and maintenance, and which is used or created by the Concessionaire in performing its obligations under the Agreement.

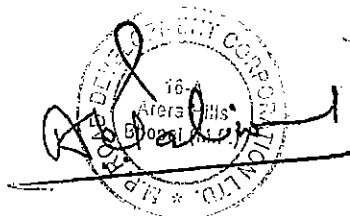
### 36.3 Revocation of Suspension

36.3.1 In the event that the Authority shall have rectified or removed the cause of Suspension within a period not exceeding 90 (ninety) days from the date of Suspension, it shall revoke the Suspension forthwith and restore all rights of the Concessionaire under this Agreement. For the avoidance of doubt, the Parties expressly agree that the Authority may, in its discretion, revoke the Suspension at any time, whether or not the cause of Suspension has been rectified or removed hereunder.

36.3.2 Upon the Concessionaire having cured the Concessionaire Default within a period not exceeding 90 (ninety) days from the date of Suspension, the Authority shall revoke the Suspension forthwith and restore all rights of the Concessionaire under this Agreement.

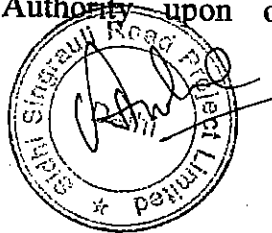
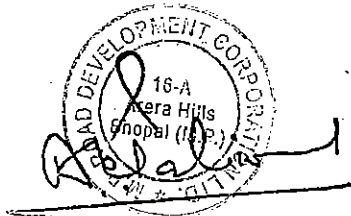
### 36.4 Substitution of Concessionaire

At any time during the period of Suspension, the Lenders' Representative, on behalf of Senior Lenders, shall be entitled to substitute the Concessionaire under and in accordance with the Substitution Agreement, and upon receipt of notice thereunder from the Lenders' Representative, the Authority shall withhold Termination for a period not exceeding 180 (one hundred and eighty) days from the date of Suspension, and any extension thereof under Clause 36.1, for enabling the Lenders' Representative to exercise its rights of substitution on behalf of Senior Lenders.



### 36.5 Termination

- 36.5.1 At any time during the period of Suspension under this Article 36, the Concessionaire may by notice require the Authority to revoke the Suspension and issue a Termination Notice. Subject to the rights of the Lenders' Representative to undertake substitution in accordance with the provisions of this Agreement and within the period specified in Clause 36.4, the Authority shall, within 15 (fifteen) days of receipt of such notice, terminate this Agreement under and in accordance with Article 37.
- 36.5.2 Notwithstanding anything to the contrary contained in this Agreement, in the event that Suspension is not revoked within 180 (one hundred and eighty) days from the date of Suspension hereunder or within the extended period, if any, set forth in Clause 36.1, the Concession Agreement shall, upon expiry of the aforesaid period, be deemed to have been terminated by mutual agreement of the Parties and all the provisions of this Agreement shall apply, *mutatis mutandis*, to such Termination as if a Termination Notice had been issued by the Authority upon occurrence of a Concessionaire Default.

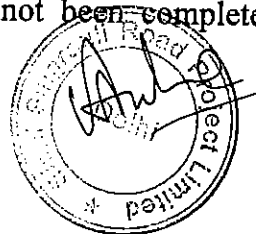
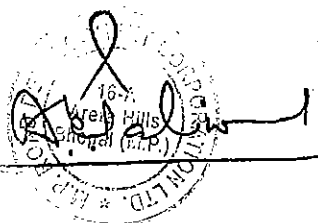


ARTICLE 37  
TERMINATION

**37.1 Termination for Concessionaire Default**

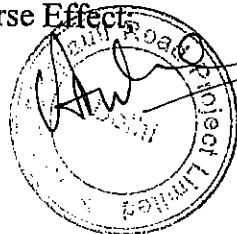
37.1.1 Save as otherwise provided in this Agreement, in the event that any of the defaults specified below shall have occurred, and the Concessionaire fails to cure the default within the Cure Period set forth below, or where no Cure Period is specified, then within a Cure Period of 60 (sixty) days, the Concessionaire shall be deemed to be in default of this Agreement (the "Concessionaire Default"), unless the default has occurred solely as a result of any breach of this Agreement by the Authority or due to Force Majeure. The defaults referred to herein shall include:

- (a) the Performance Security has been encashed and appropriated in accordance with Clause 9.2 and the Concessionaire fails to replenish or provide fresh Performance Security within a Cure Period of 30 (thirty) days;
- (b) subsequent to the replenishment or furnishing of fresh Performance Security in accordance with Clause 9.2, the Concessionaire fails to cure, within a Cure Period of 90 (ninety) days, the Concessionaire Default for which whole or part of the Performance Security was appropriated;
- (c) the Concessionaire does not achieve the latest outstanding Project Milestone due in accordance with the provisions of Schedule-G and continues to be in default for 120 (one hundred and twenty) days;
- (d) the Concessionaire abandons or manifests intention to abandon the construction or operation of the Project Highway without the prior written consent of the Authority;
- (e) Project Completion Date does not occur within the period specified in Clause 12.4.3;
- (f) the Punch List items have not been completed within the

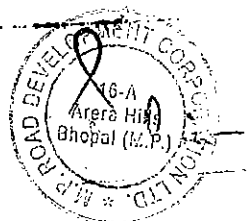


period set forth in Clause 14.4.1;

- (g) the Concessionaire is in breach of the Maintenance Requirements or the Safety Requirements, as the case may be;
- (h) the Concessionaire has failed to make any payment to the Authority within the period specified in this Agreement;
- (i) an Escrow Default has occurred and the Concessionaire fails to cure the default within a Cure Period of 15 (fifteen) days;
- (j) upon occurrence of a Financial Default, the Lenders' Representative has by notice required the Authority to undertake Suspension or Termination, as the case may be, in accordance with the Substitution Agreement and the Concessionaire fails to cure the default within the Cure Period specified hereinabove;
- (k) a breach of any of the Project Agreements by the Concessionaire has caused a Material Adverse Effect;
- (l) the Concessionaire creates any Encumbrance in breach of this Agreement;
- (m) the Concessionaire repudiates this Agreement or otherwise takes any action or evidences or conveys an intention not to be bound by the Agreement;
- (n) a Change in Ownership has occurred in breach of the provisions of Clause 5.3;
- (o) there is a transfer, pursuant to law either of (i) the rights and/or obligations of the Concessionaire under any of the Project Agreements, or of (ii) all or part of the assets or undertaking of the Concessionaire, and such transfer causes a Material Adverse Effect;
- (p) an execution levied on any of the assets of the Concessionaire has caused a Material Adverse Effect;



- (q) the Concessionaire is adjudged bankrupt or insolvent, or if a trustee or receiver is appointed for the Concessionaire or for the whole or material part of its assets that has a material bearing on the Project;
- (r) the Concessionaire has been, or is in the process of being liquidated, dissolved, wound-up, amalgamated or reconstituted in a manner that would cause, in the reasonable opinion of the Authority, a Material Adverse Effect;
- (s) a resolution for winding up of the Concessionaire is passed, or any petition for winding up of the Concessionaire is admitted by a court of competent jurisdiction and a provisional liquidator or receiver is appointed and such order has not been set aside within 90 (ninety) days of the date thereof or the Concessionaire is ordered to be wound up by Court except for the purpose of amalgamation or reconstruction; provided that, as part of such amalgamation or reconstruction, the entire property, assets and undertaking of the Concessionaire are transferred to the amalgamated or reconstructed entity and that the amalgamated or reconstructed entity has unconditionally assumed the obligations of the Concessionaire under this Agreement and the Project Agreements; and provided that:
  - (i) the amalgamated or reconstructed entity has the capability and operating experience necessary for the performance of its obligations under this Agreement and the Project Agreements;
  - (ii) the amalgamated or reconstructed entity has the financial standing to perform its obligations under this Agreement and the Project Agreements and has a credit worthiness at least as good as that of the Concessionaire as at the Appointed Date; and
  - (iii) each of the Project Agreements remains in full force and effect;
- (t) any representation or warranty of the Concessionaire herein



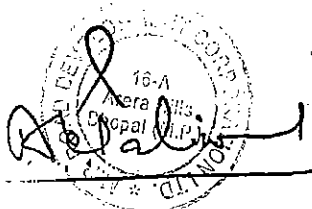


contained which is, as of the date hereof, found to be materially false, incorrect or misleading or the Concessionaire is at any time hereafter found to be in breach thereof;

- (u) the Concessionaire submits to the Authority any statement, notice or other document, in written or electronic form, which has a material effect on the Authority's rights, obligations or interests and which is false in material particulars;
- (v) the Concessionaire has failed to fulfil any obligation, for which failure Termination has been specified in this Agreement; or
- (w) the Concessionaire commits a default in complying with any other provision of this Agreement if such a default causes a Material Adverse Effect on the Authority.

37.1.2 Without prejudice to any other rights or remedies which the Authority may have under this Agreement, upon occurrence of a Concessionaire Default, the Authority shall be entitled to terminate this Agreement by issuing a Termination Notice to the Concessionaire; provided that before issuing the Termination Notice, the Authority shall by a notice inform the Concessionaire of its intention to issue such Termination Notice and grant 15 (fifteen) days to the Concessionaire to make a representation, and may after the expiry of such 15 (fifteen) days, whether or not it is in receipt of such representation, issue the Termination Notice, subject to the provisions of clause 37.1.3.

37.1.3 The Authority shall, if there be Senior Lenders, send a copy of its notice of intention to issue a Termination Notice referred to in Clause 37.1.2 to inform the Lenders' Representative and grant 15 (fifteen) days to the Lenders' Representative, for making a representation on behalf of the Senior Lenders stating the intention to substitute the Concessionaire in accordance with the Substitution Agreement. In the event the Authority receives such representation on behalf of Senior Lenders, it shall, in its discretion, either withhold Termination for a period not exceeding 180 (one hundred and



eighty) days from the date of such representation or exercise its right of Suspension, as the case may be, for enabling the Lenders' Representative to exercise the Senior Lenders' right of substitution in accordance with the Substitution Agreement:

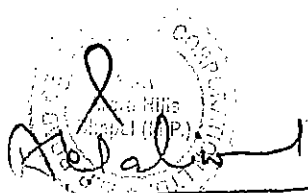
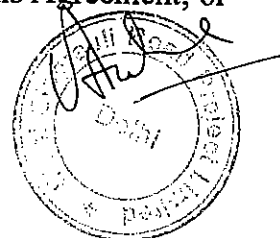
Provided that the Lenders' Representative may, instead of exercising the Senior Lenders' right of substitution, procure that the default specified in the notice is cured within the aforesaid period of 180 (one hundred and eighty) days, and upon such curing thereof, the Authority shall withdraw its notice referred to above and restore all the rights of the Concessionaire:

Provided further that upon written request from the Lenders' Representative and the Concessionaire, the Authority shall extend the aforesaid period of 180 (one hundred and eighty) days by such further period not exceeding 90 (ninety) days, as the Authority may deem appropriate.

### 37.2 Termination for Authority Default

37.2.1 In the event that any of the defaults specified below shall have occurred, and the Authority fails to cure such default within a Cure Period of 90 (ninety) days or such longer period as has been expressly provided in this Agreement, the Authority shall be deemed to be in default of this Agreement (the "**Authority Default**") unless the default has occurred as a result of any breach of this Agreement by the Concessionaire or due to Force Majeure. The defaults referred to herein shall include:

- (a) The Authority commits a material default in complying with any of the provisions of this Agreement and such default has a Material Adverse Effect on the Concessionaire;
- (b) the Authority has failed to make any payment to the Concessionaire within the period specified in this Agreement;
- (c) the Authority repudiates this Agreement or otherwise takes any action that amounts to or manifests an irrevocable intention not to be bound by this Agreement; or

- (d) the State commits a material default in complying with the provisions of the Memorandum of Understanding between MORTH and State Government of Madhya Pradesh through MPRDC if such default has a Material Adverse Effect on the Concessionaire and the breach continues for a period of 90 (ninety) days from the date of notice given in this behalf by the Concessionaire to the Authority.

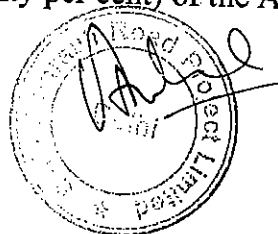
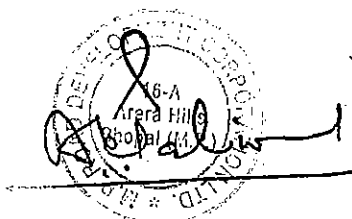
37.2.2 Without prejudice to any other right or remedy which the Concessionaire may have under this Agreement, upon occurrence of an Authority Default, the Concessionaire shall, subject to the provisions of the Substitution Agreement, be entitled to terminate this Agreement by issuing a Termination Notice to the Authority; provided that before issuing the Termination Notice, the Concessionaire shall by a notice inform the Authority of its intention to issue the Termination Notice and grant 15 (fifteen) days to the Authority to make a representation, and may after the expiry of such 15 (fifteen) days, whether or not it is in receipt of such representation, issue the Termination Notice.

### 37.3 Termination Payment

37.3.1 Upon Termination on account of a Concessionaire Default during the Operation Period, the Authority shall pay to the Concessionaire, by way of Termination Payment, an amount equal to 90% (ninety per cent) of the Debt Due less Insurance Cover; provided that if any insurance claims forming part of the Insurance Cover are not admitted and paid, then 80% (eighty per cent) of such unpaid claims shall be included in the computation of Debt Due. For the avoidance of doubt, the Concessionaire hereby acknowledges that no Termination Payment shall be due or payable on account of a Concessionaire Default occurring prior to COD.

37.3.2 Upon Termination on account of an Authority Default, the Authority shall pay to the Concessionaire, by way of Termination Payment, an amount equal to:

- (a) Debt Due; and
- (b) 150% (one hundred and fifty per cent) of the Adjusted Equity.



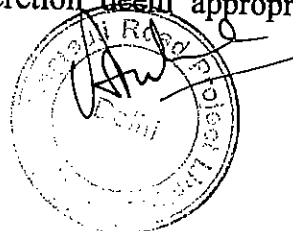
37.3.3 Termination Payment shall become due and payable to the Concessionaire within 15 (fifteen) days of a demand being made by the Concessionaire to the Authority with the necessary particulars, and in the event of any delay, the Authority shall pay interest at a rate equal to 3% (three per cent) above the Bank Rate on the amount of Termination Payment remaining unpaid; provided that such delay shall not exceed 90 (ninety) days. For the avoidance of doubt, it is expressly agreed that Termination Payment shall constitute full discharge by the Authority of its payment obligations in respect thereof hereunder.

37.3.4 The Concessionaire expressly agrees that Termination Payment under this Article 37 shall constitute a full and final settlement of all claims of the Concessionaire on account of Termination of this Agreement for any reason whatsoever and that the Concessionaire or any shareholder thereof shall not have any further right or claim under any law, treaty, convention, contract or otherwise.

#### 37.4 Other rights and obligations of the Authority

Upon Termination for any reason whatsoever, the Authority shall:

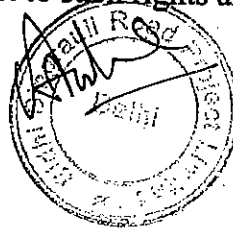
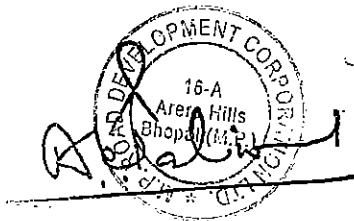
- (a) be deemed to have taken possession and control of the Project Highway forthwith;
- (b) take possession and control of all materials, stores, implements, construction plants and equipment on or about the Site;
- (c) be entitled to restrain the Concessionaire and any person claiming through or under the Concessionaire from entering upon the Site or any part of the Project;
- (d) require the Concessionaire to comply with the Divestment Requirements set forth in Clause 38.1; and
- (e) succeed upon election by the Authority, without the necessity of any further action by the Concessionaire, to the interests of the Concessionaire under such of the Project Agreements as the Authority may in its discretion deem appropriate, and

shall upon such election be liable to the Contractors only for compensation accruing and becoming due and payable to them under the terms of their respective Project Agreements from and after the date the Authority elects to succeed to the interests of the Concessionaire. For the avoidance of doubt, the Concessionaire acknowledges and agrees that all sums claimed by such Contractors as being due and owing for works and services performed or accruing on account of any act, omission or event prior to such date shall constitute debt between the Concessionaire and such Contractors, and the Authority shall not in any manner be liable for such sums. It is further agreed that in the event the Authority elects to cure any outstanding defaults under such Project Agreements, the amount expended by the Authority for this purpose shall be deducted from the Termination Payment.

### 37.5 Survival of rights

Notwithstanding anything to the contrary contained in this Agreement, but subject to the provisions of Clause 37.3.4, any Termination pursuant to the provisions of this Agreement shall be without prejudice to the accrued rights of either Party including its right to claim and recover money damages, insurance proceeds, security deposits, and other rights and remedies, which it may have in law or contract. All rights and obligations of either Party under this Agreement, including Termination Payments and Divestment Requirements, shall survive the Termination to the extent such survival is necessary for giving effect to such rights and obligations.

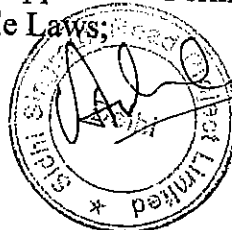
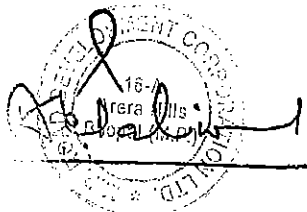


ARTICLE 38  
DIVESTMENT OF RIGHTS AND INTEREST

**38.1 Divestment Requirements**

38.1.1 Upon Termination, the Concessionaire shall comply with and conform to the following Divestment Requirements:

- (a) notify to the Authority forthwith the location and particulars of all Project Assets;
- (b) deliver forthwith the actual or constructive possession of the Project Highway, free and clear of all Encumbrances, save and except to the extent set forth in the Substitution Agreement;
- (c) cure all Project Assets, including the road, bridges, structures and equipment, of all defects and deficiencies so that the Project Highway is compliant with the Maintenance Requirements; provided that in the event of Termination during the Construction Period, all Project Assets shall be handed over on 'as is where is' basis after bringing them to a safe condition;
- (d) deliver and transfer relevant records, reports, Intellectual Property and other licences pertaining to the Project Highway and its design, engineering, construction, operation and maintenance, including all programmes and manuals pertaining thereto, and complete 'as built' Drawings as on the Transfer Date. For the avoidance of doubt, the Concessionaire represents and warrants that the Intellectual Property delivered hereunder shall be adequate and complete for the design, engineering, construction, operation and maintenance of the Project Highway and shall be assigned to the Authority free of any encumbrance;
- (e) transfer and/or deliver all Applicable Permits to the extent permissible under Applicable Laws;


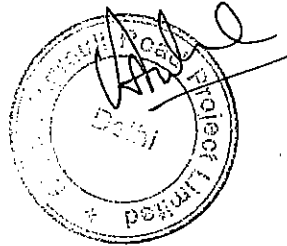


- (f) execute such deeds of conveyance, documents and other writings as the Authority may reasonably require for conveying, divesting and assigning all the rights, title and interest of the Concessionaire in the Project Highway, including manufacturers' warranties in respect of any plant or equipment and the right to receive outstanding insurance claims to the extent due and payable to the Authority, absolutely unto the Authority or its nominee; and
- (g) comply with all other requirements as may be prescribed or required under Applicable Laws for completing the divestment and assignment of all rights, title and interest of the Concessionaire in the Project Highway, free from all Encumbrances, absolutely unto the Authority or to its nominee.

38.1.2 Subject to the exercise by the Authority of its rights under this Agreement or under any of the Project Agreements to perform or procure the performance by a third party of any of the obligations of the Concessionaire, the Parties shall continue to perform their obligations under this Agreement, notwithstanding the giving of any Termination Notice, until the Termination of this Agreement becomes effective in accordance with its terms.

### 38.2 Inspection and cure

Not earlier than 90 (ninety) days prior to Termination but not later than 15 (fifteen) days prior to the effective date of such Termination, the Independent Engineer shall verify, after giving due notice to the Concessionaire of the time, date and venue of such verification, compliance by the Concessionaire with the Maintenance Requirements, and if required, cause appropriate tests to be carried out at the Concessionaire's cost for this purpose. Defaults, if any, in the Maintenance Requirements shall be cured by the Concessionaire at its cost and the provisions of Article 39 shall apply, *mutatis mutandis*, in relation to curing of defects or deficiencies under this Article 38.

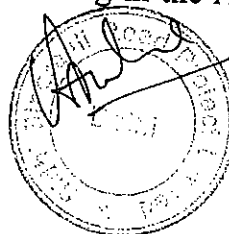
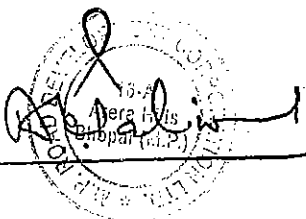



### 38.3 Cooperation and assistance on transfer of Project

- 38.3.1 The Parties shall cooperate on a best effort basis and take all necessary measures, in good faith, to achieve a smooth transfer of the Project in accordance with the provisions of this Agreement so as to protect the safety of and avoid undue delay or inconvenience to the Users, other members of the public or the lawful occupiers of any part of the Site.
- 38.3.2 The Parties shall provide to each other, 9 (nine) months prior to the Transfer Date in the event of Termination by efflux of time and immediately in the event of either Party conveying to the other Party its intent to issue a Termination Notice, as the case may be, as much information and advice as is reasonably practicable regarding the proposed arrangements for operation of the Project following the Transfer Date. The Concessionaire shall further provide such reasonable advice and assistance as the Authority, its concessionaire or agent may reasonably require for operation of the Project until the expiry of 6 (six) months after the Transfer Date.
- 38.3.3 The Authority shall have the option to purchase or hire from the Concessionaire at a fair market value and free from any encumbrance all or any part of the plant and machinery used in connection with the Project but which does not form part of the assets specified in Clause 38.1.1 and is reasonably required in connection with operation of the Project. For the avoidance of doubt, in the event of dispute or difference relating to fair market value, the Dispute Resolution Procedure shall apply.

### 38.4 Vesting Certificate

The divestment of all rights, title and interest in the Project Highway shall be deemed to be complete on the date when all of the Divestment Requirements have been fulfilled, and the Authority shall, without unreasonable delay, thereupon issue a certificate substantially in the form set forth in Schedule-U (the "Vesting Certificate"), which will have the effect of constituting evidence of divestment by the Concessionaire of all of its rights, title and interest in the Project Highway, and their vesting in the Authority pursuant





hereto. It is expressly agreed that any defect or deficiency in the Divestment Requirements shall not in any manner be construed or interpreted as restricting the exercise of any rights by the Authority or its nominee on, or in respect of, the Project Highway on the footing that all Divestment Requirements have been complied with by the Concessionaire.

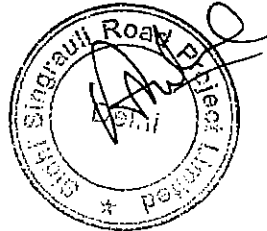
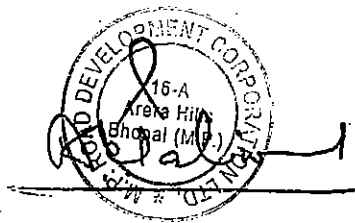
### 38.5 Additional Facilities

Notwithstanding anything to the contrary contained in this Agreement, all Additional Facilities shall continue to vest in the Concessionaire upon and after Termination.

### 38.6 Divestment costs etc.

38.6.1 The Concessionaire shall bear and pay all costs incidental to divestment of all of the rights, title and interest of the Concessionaire in the Project Highway in favour of the Authority upon Termination, save and except that all stamp duties payable on any deeds or Documents executed by the Concessionaire in connection with such divestment shall be borne by the Authority.

38.6.2 In the event of any dispute relating to matters covered by and under this Article 38, the Dispute Resolution Procedure shall apply.



## ARTICLE 39

## DEFECTS LIABILITY AFTER TERMINATION

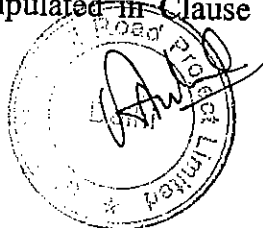
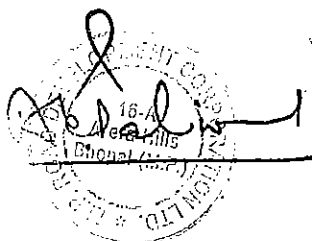
**39.1 Liability for defects after Termination**

The Concessionaire shall be responsible for all defects and deficiencies in the Project Highway for a period of 120 (One hundred and twenty) days after Termination, and it shall have the obligation to repair or rectify, at its own cost, all defects and deficiencies observed by the Independent Engineer in the Project Highway during the aforesaid period. In the event that the Concessionaire fails to repair or rectify such defect or deficiency within a period of 15 (fifteen) days from the date of notice issued by the Authority in this behalf, the Authority shall be entitled to get the same repaired or rectified at the Concessionaire's risk and cost so as to make the Project Highway conform to the Maintenance Requirements. All costs incurred by the Authority hereunder shall be reimbursed by the Concessionaire to the Authority within 15 (fifteen) days of receipt of demand thereof, and in the event of default in reimbursing such costs, the Authority shall be entitled to recover the same from the Escrow Account.

**39.2 Retention in Escrow Account**

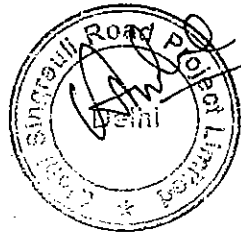
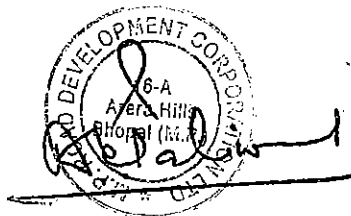
39.2.1 Notwithstanding anything to the contrary contained in this Agreement, but subject to the provisions of Clause 39.2.3, a sum equal to 5% (five per cent) of the total Realisable Fee for the year immediately preceding the Transfer Date shall be retained in the Escrow Account for a period of 120 (one hundred and twenty) days after Termination for meeting the liabilities, if any, arising out of or in connection with the provisions of Clause 39.1.

39.2.2 Without prejudice to the provisions of Clause 39.2.1, the Independent Engineer shall carry out an inspection of the Project Highway at any time between 210 (two hundred and ten) and 180 (one hundred and eighty) days prior to the Termination and if it recommends that the status of the Project Highway is such that a sum larger than the amount stipulated in Clause 39.2.1 should be



retained in the Escrow Account and for a period longer than the aforesaid 120 (one hundred and twenty) days, the amount recommended by the Independent Engineer shall be retained in the Escrow Account for the period specified by it.

- 39.2.3 The Concessionaire may, for the performance of its obligations under this Article 39, provide to the Authority a guarantee from a Bank for a sum equivalent to the amount determined under Clause 39.2.1 or 39.2.2, as the case may be, and for the period specified therein, substantially in the form set forth in Schedule-F (the "Performance Guarantee"), to be modified, *mutatis mutandis*, for this purpose, and the Authority shall, without prejudice to its other rights and remedies hereunder or in law, be entitled to encash and appropriate the required amounts from the Performance Guarantee for undertaking the repairs or rectification at the Concessionaire's risk and cost in accordance with the provisions of this Article 39. Upon furnishing of a Performance Guarantee under this Clause 39.2.3, the retention of funds in the Escrow Account in terms of Clause 39.2.1 or 39.2.2, as the case may be, shall be dispensed with.



ARTICLE 40  
ASSIGNMENT AND CHARGES

**40.1 Restrictions on assignment and charges**

40.1.1 Subject to Clauses 40.2 and 40.3, this Agreement shall not be assigned by the Concessionaire to any person, save and except with the prior consent in writing of the Authority, which consent the Authority shall be entitled to decline without assigning any reason.

40.1.2 Subject to the provisions of Clause 40.2, the Concessionaire shall not create nor permit to subsist any Encumbrance, or otherwise transfer or dispose of all or any of its rights and benefits under this Agreement or any Project Agreement to which the Concessionaire is a party except with prior consent in writing of the Authority, which consent the Authority shall be entitled to decline without assigning any reason.

**40.2 Permitted assignment and charges**

The restraints set forth in Clause 40.1 shall not apply to:

- (a) liens arising by operation of law (or by an agreement evidencing the same) in the ordinary course of business of the Project Highway;
- (b) mortgages/pledges/hypothecation of goods/assets other than Project Assets and their related documents of title, a charge on the Escrow Account arising or created in the ordinary course of business of the Project Highway, and as security only for indebtedness to the Senior Lenders under the Financing Agreements and/or for working capital arrangements for the Project Highway;
- (c) assignment of rights, interest and obligations of the Concessionaire to or in favour of the Lenders' Representative as nominee and for the benefit of the Senior Lenders, to the extent covered by and in accordance with the Substitution Agreement as security for financing provided by Senior



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A circular stamp with a handwritten signature across it. The stamp contains the text "AUTHORITY" and "10-A" at the top, and "Agreement" and "10-A" at the bottom. The signature is written in a cursive style.

Lenders under the Financing Agreements; and

(d) liens or encumbrances required by any Applicable Law.

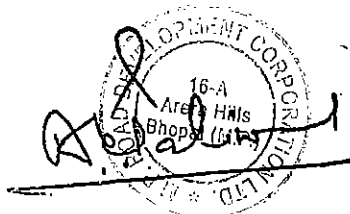
#### 40.3 Substitution Agreement

40.3.1 The Lenders' Representative, on behalf of Senior Lenders, may exercise the right to substitute the Concessionaire pursuant to the agreement for substitution of the Concessionaire (the "**Substitution Agreement**") to be entered into amongst the Concessionaire, the Authority and the Lenders' Representative, on behalf of Senior Lenders, substantially in the form set forth in Schedule-V.

40.3.2 Upon substitution of the Concessionaire under and in accordance with the Substitution Agreement, the Nominated Company substituting the Concessionaire shall be deemed to be the Concessionaire under this Agreement and shall enjoy all rights and be responsible for all obligations of the Concessionaire under this Agreement as if it were the Concessionaire; provided that where the Concessionaire is in breach of this Agreement on the date of such substitution, the Authority shall by notice grant a Cure Period of 120 (one hundred and twenty) days to the Concessionaire for curing such breach.

#### 40.4 Assignment by the Authority

Notwithstanding anything to the contrary contained in this Agreement, the Authority may, after giving 60 (sixty) days' notice to the Concessionaire, assign and/ or transfer any of its rights and benefits and/or obligations under this Agreement to an assignee who is, in the reasonable opinion of the Authority, capable of fulfilling all of the Authority's then outstanding obligations under this Agreement.



ARTICLE 41  
CHANGE IN LAW

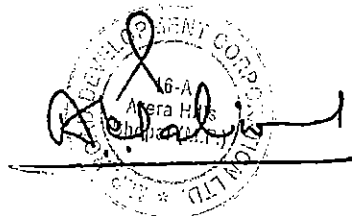
**41.1 Increase in costs**

If as a result of Change in Law, the Concessionaire suffers an increase in costs or reduction in net after-tax return or other financial burden, the aggregate financial effect of which exceeds the higher of Rs. 1 crore (Rupees one crore) and 0.5% (zero point five percent) of the Realisable Fee in any Accounting Year, the Concessionaire may so notify the Authority and propose amendments to this Agreement so as to place the Concessionaire in the same financial position as it would have enjoyed had there been no such Change in Law resulting in the cost increase, reduction in return or other financial burden as aforesaid. Upon notice by the Concessionaire, the Parties shall meet, as soon as reasonably practicable but no later than 30 (thirty) days from the date of notice, and either agree on amendments to this Agreement or on any other mutually agreed arrangement:

Provided that if no agreement is reached within 90 (ninety) days of the aforesaid notice, the Concessionaire may by notice require the Authority to pay an amount that would place the Concessionaire in the same financial position that it would have enjoyed had there been no such Change in Law, and within 15 (fifteen) days of receipt of such notice, along with particulars thereof, the Authority shall pay the amount specified therein; provided that if the Authority shall dispute such claim of the Concessionaire, the same shall be settled in accordance with the Dispute Resolution Procedure. For the avoidance of doubt, it is agreed that this Clause 41.1 shall be restricted to changes in law directly affecting the Concessionaire's costs of performing its obligations under this Agreement.

**41.2 Reduction in costs**

If as a result of Change in Law, the Concessionaire benefits from a reduction in costs or increase in net after-tax return or other financial gains, the aggregate financial effect of which exceeds the higher of Rs. 1 crore (Rupees one crore) and 0.5% (zero point five percent) of

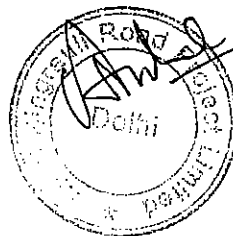
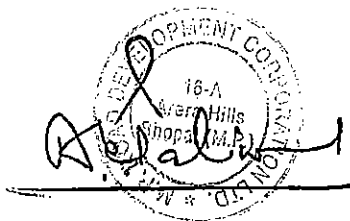


the Realisable Fee in any Accounting Year, the Authority may so notify the Concessionaire and propose amendments to this Agreement so as to place the Concessionaire in the same financial position as it would have enjoyed had there been no such Change in Law resulting in the decreased costs, increase in return or other financial gains as aforesaid. Upon notice by the Authority, the Parties shall meet, as soon as reasonably practicable but no later than 30 (thirty) days from the date of notice, and either agree on such amendments to this Agreement or on any other mutually agreed arrangement:

Provided that if no agreement is reached within 90 (ninety) days of the aforesaid notice, the Authority may by notice require the Concessionaire to pay an amount that would place the Concessionaire in the same financial position that it would have enjoyed had there been no such Change in Law, and within 15 (fifteen) days of receipt of such notice, along with particulars thereof, the Concessionaire shall pay the amount specified therein to the Authority; provided that if the Concessionaire shall dispute such claim of the Authority, the same shall be settled in accordance with the Dispute Resolution Procedure. For the avoidance of doubt, it is agreed that this Clause 41.2 shall be restricted to changes in law directly affecting the Concessionaire's costs of performing its obligations under this Agreement.

#### 41.3 Protection of NPV

Pursuant to the provisions of Clauses 41.1 and 41.2 and for the purposes of placing the Concessionaire in the same financial position as it would have enjoyed had there been no Change in Law affecting the costs, returns or other financial burden or gains, the Parties shall rely on the Financial Model to establish a net present value (the "NPV") of the net cash flow and make necessary adjustments in costs, revenues, compensation or other relevant parameters, as the case may be, to procure that the NPV of the net cash flow is the same as it would have been if no Change in Law had occurred.

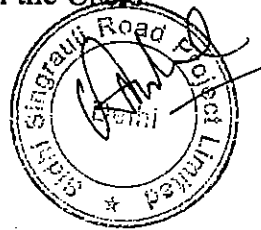
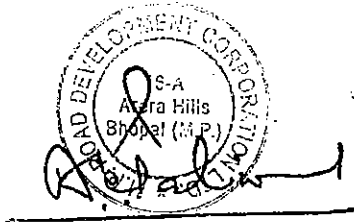


**41.4 Restriction on cash compensation**

The Parties acknowledge and agree that the demand for cash compensation under this Article 41 shall be restricted to the effect of Change in Law during the respective Accounting Year and shall be made at any time after commencement of such year, but no later than one year from the close of such Accounting Year. Any demand for cash compensation payable for and in respect of any subsequent Accounting Year shall be made after the commencement of the Accounting Year to which the demand pertains, but no later than 2 (two) years from the close of such Accounting Year.

**41.5 No claim in the event of recovery from Users**

Notwithstanding anything to the contrary contained in this Agreement, the Authority shall not in any manner be liable to reimburse to the Concessionaire any sums on account of a Change in Law if the same are recoverable from the Users.

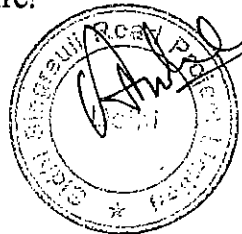
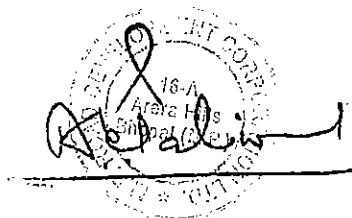




ARTICLE 42  
LIABILITY AND INDEMNITY

**42.1 General indemnity**

- 42.1.1 The Concessionaire will indemnify, defend, save and hold harmless the Authority and its officers, servants, agents, Government Instrumentalities and Government owned and/or controlled entities/enterprises, (the "**Authority Indemnified Persons**") against any and all suits, proceedings, actions, demands and claims from third parties for any loss, damage, cost and expense of whatever kind and nature, whether arising out of any breach by the Concessionaire of any of its obligations under this Agreement or any related agreement or on account of any defect or deficiency in the provision of services by the Concessionaire to any User or from any negligence of the Concessionaire under contract or tort or on any other ground whatsoever, except to the extent that any such suits, proceedings, actions, demands and claims have arisen due to any negligent act or omission, or breach or default of this Agreement on the part of the Authority Indemnified Persons.
- 42.1.2 The Authority will indemnify, defend, save and hold harmless the Concessionaire against any and all suits, proceedings, actions, demands and claims from third parties for any loss, damage, cost and expense of whatever kind and nature arising out of (i) defect in title and/or the rights of the Authority in the land comprised in the Site, and/or (ii) breach by the Authority of any of its obligations under this Agreement or any related agreement, which materially and adversely affect the performance by the Concessionaire of its obligations under this Agreement, save and except that where any such claim, suit, proceeding, action, and/or demand has arisen due to a negligent act or omission, or breach of any of its obligations under any provision of this Agreement or any related agreement and/or breach of its statutory duty on the part of the Concessionaire, its subsidiaries, affiliates, contractors, servants or agents, the same shall be the liability of the Concessionaire.

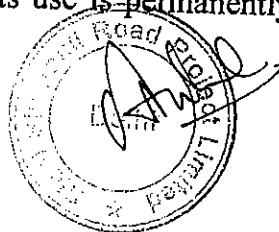
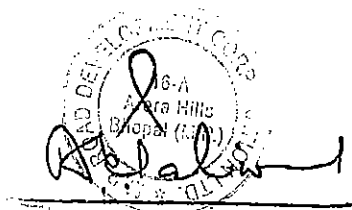


## 42.2 Indemnity by the Concessionaire

42.2.1 Without limiting the generality of Clause 42.1, the Concessionaire shall fully indemnify, hold harmless and defend the Authority and the Authority Indemnified Persons from and against any and all loss and/or damages arising out of or with respect to:

- (a) failure of the Concessionaire to comply with Applicable Laws and Applicable Permits;
- (b) payment of taxes required to be made by the Concessionaire in respect of the income or other taxes of the Concessionaire's contractors, suppliers and representatives; or
- (c) non-payment of amounts due as a result of materials or services furnished to the Concessionaire or any of its contractors which are payable by the Concessionaire or any of its contractors.

42.2.2 Without limiting the generality of the provisions of this Article 42, the Concessionaire shall fully indemnify, hold harmless and defend the Authority Indemnified Persons from and against any and all suits, proceedings, actions, claims, demands, liabilities and damages which the Authority Indemnified Persons may hereafter suffer, or pay by reason of any demands, claims, suits or proceedings arising out of claims of infringement of any domestic or foreign patent rights, copyrights or other intellectual property, proprietary or confidentiality rights with respect to any materials, information, design or process used by the Concessionaire or by the Concessionaire's Contractors in performing the Concessionaire's obligations or in any way incorporated in or related to the Project. If in any such suit, action, claim or proceedings, a temporary restraint order or preliminary injunction is granted, the Concessionaire shall make every reasonable effort, by giving a satisfactory bond or otherwise, to secure the revocation or suspension of the injunction or restraint order. If, in any such suit, action, claim or proceedings, the Project Highway, or any part thereof or comprised therein, is held to constitute an infringement and its use is permanently enjoined, the



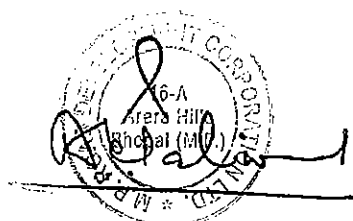
Concessionaire shall promptly make every reasonable effort to secure for the Authority a licence, at no cost to the Authority, authorising continued use of the infringing work. If the Concessionaire is unable to secure such licence within a reasonable time, the Concessionaire shall, at its own expense, and without impairing the Specifications and Standards, either replace the affected work, or part, or process thereof with non-infringing work or part or process, or modify the same so that it becomes non-infringing.

#### 42.3 Notice and contest of claims

In the event that either Party receives a claim or demand from a third party in respect of which it is entitled to the benefit of an indemnity under this Article 42 (the "Indemnified Party") it shall notify the other Party (the "Indemnifying Party") within 15 (fifteen) days of receipt of the claim or demand and shall not settle or pay the claim without the prior approval of the Indemnifying Party, which approval shall not be unreasonably withheld or delayed. In the event that the Indemnifying Party wishes to contest or dispute the claim or demand, it may conduct the proceedings in the name of the Indemnified Party, subject to the Indemnified Party being secured against any costs involved, to its reasonable satisfaction.

#### 42.4 Defence of claims

42.4.1 The Indemnified Party shall have the right, but not the obligation, to contest, defend and litigate any claim, action, suit or proceeding by any third party alleged or asserted against such Party in respect of, resulting from, related to or arising out of any matter for which it is entitled to be indemnified hereunder, and reasonable costs and expenses thereof shall be indemnified by the Indemnifying Party. If the Indemnifying Party acknowledges in writing its obligation to indemnify the Indemnified Party in respect of loss to the full extent provided by this Article 42, the Indemnifying Party shall be entitled, at its option, to assume and control the defence of such claim, action, suit or proceeding, liabilities, payments and obligations at its expense and through the counsel of its choice; provided it gives prompt notice of its intention to do so to the Indemnified Party and

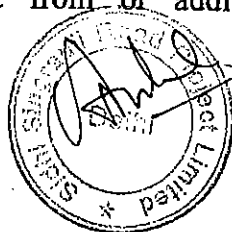
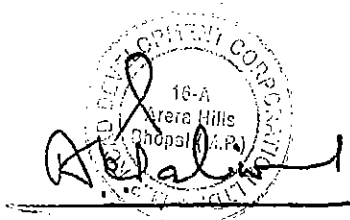


reimburses the Indemnified Party for the reasonable cost, and expenses incurred by the Indemnified Party prior to the assumption by the Indemnifying Party of such defence. The Indemnifying Party shall not be entitled to settle or compromise any claim, demand, action, suit or proceeding without the prior written consent of the Indemnified Party, unless the Indemnifying Party provides such security to the Indemnified Party as shall be reasonably required by the Indemnified Party to secure the loss to be indemnified hereunder to the extent so compromised or settled.

42.4.2 If the Indemnifying Party has exercised its rights under Clause 42.3, the Indemnified Party shall not be entitled to settle or compromise any claim, action, suit or proceeding without the prior written consent of the Indemnifying Party (which consent shall not be unreasonably withheld or delayed).

42.4.3 If the Indemnifying Party exercises its rights under Clause 42.3, the Indemnified Party shall nevertheless have the right to employ its own counsel, and such counsel may participate in such action, but the fees and expenses of such counsel shall be at the expense of the Indemnified Party, when and as incurred, unless:

- (a) the employment of counsel by such party has been authorised in writing by the Indemnifying Party; or
- (b) the Indemnified Party shall have reasonably concluded that there may be a conflict of interest between the Indemnifying Party and the Indemnified Party in the conduct of the defence of such action; or
- (c) the Indemnifying Party shall not, in fact, have employed independent counsel reasonably satisfactory to the Indemnified Party, to assume the defence of such action and shall have been so notified by the Indemnified Party; or
- (d) the Indemnified Party shall have reasonably concluded and specifically notified the Indemnifying Party either:
  - (i) that there may be specific defences available to it which are different from or additional to those



available to the Indemnifying Party; or

- (ii) that such claim, action, suit or proceeding involves or could have a material adverse effect upon it beyond the scope of this Agreement:

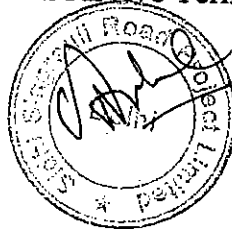
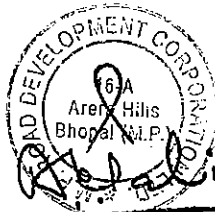
Provided that if Sub-clauses (b), (c) or (d) of this Clause 42.4.3 shall be applicable, the counsel for the Indemnified Party shall have the right to direct the defence of such claim, demand, action, suit or proceeding on behalf of the Indemnified Party, and the reasonable fees and disbursements of such counsel shall constitute legal or other expenses hereunder.

#### 42.5 No consequential claims

Notwithstanding anything to the contrary contained in this Article 42, the indemnities herein provided shall not include any claim or recovery in respect of any cost, expense, loss or damage of an indirect, incidental or consequential nature, including loss of profit, except as expressly provided in this Agreement.

#### 42.6 Survival on Termination

The provisions of this Article 42 shall survive Termination.



ARTICLE 43  
RIGHTS AND TITLE OVER THE SITE

**43.1 Licensee rights**

For the purpose of this Agreement, the Concessionaire shall have rights to the use of the Site as sole licensee subject to and in accordance with this Agreement, and to this end, it may regulate the entry and use of the Project Highway by third parties in accordance with and subject to the provisions of this Agreement.

**43.2 Access rights of the Authority and others**

43.2.1 The Concessionaire shall allow free access to the Site at all times for the authorised representatives and vehicles of the Authority, Senior Lenders, and the Independent Engineer, and for the persons and vehicles duly authorised by any Government Instrumentality to inspect the Project Highway or to investigate any matter within their authority, and upon reasonable notice, the Concessionaire shall provide to such persons reasonable assistance necessary to carry out their respective duties and functions.

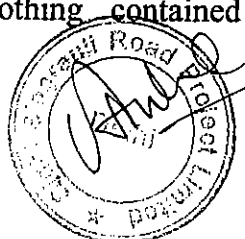
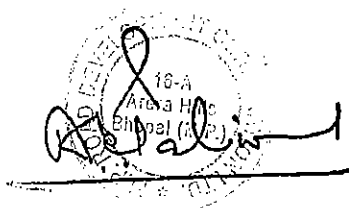
43.2.2 The Concessionaire shall, for the purpose of operation and maintenance of any utility or road specified in Article 11, allow free access to the Site at all times for the authorised persons and vehicles of the controlling body of such utility or road.

**43.3 Property taxes**

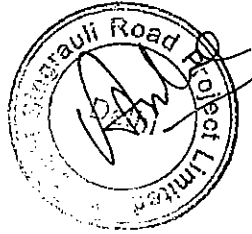
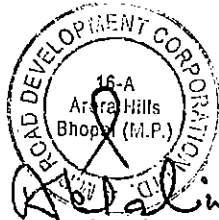
All property taxes on the Site shall be payable by the Authority as owner of the Site; provided, however, that any such taxes payable by the Concessionaire under Applicable Laws for use of the Site shall not be reimbursed or payable by the Authority.

**43.4 Restriction on sub-letting**

The Concessionaire shall not sublicense or sublet the whole or any part of the Site, save and except as may be expressly set forth in this Agreement; provided that nothing contained herein shall be



construed or interpreted as restricting the right of the Concessionaire to appoint Contractors for the performance of its obligations hereunder including for operation and maintenance of all or any part of the Project Highway.



ARTICLE 44  
DISPUTE RESOLUTION

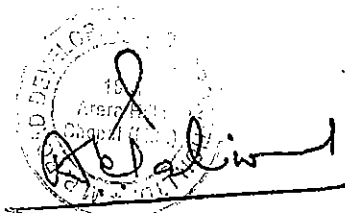
**44.1 Dispute resolution**

44.1.1 Any dispute, difference or controversy of whatever nature howsoever arising under or out of or in relation to this Agreement (including its interpretation) between the Parties, and so notified in writing by either Party to the other Party (the "Dispute") shall, in the first instance, be attempted to be resolved amicably in accordance with the conciliation procedure set forth in Clause 44.2.

44.1.2 The Parties agree to use their best efforts for resolving all Disputes arising under or in respect of this Agreement promptly, equitably and in good faith, and further agree to provide each other with reasonable access during normal business hours to all non-privileged records, information and data pertaining to any Dispute.

**44.2 Conciliation**

In the event of any Dispute between the Parties, either Party may call upon the Independent Engineer to mediate and assist the Parties in arriving at an amicable settlement thereof. Failing mediation by the Independent Engineer or without the intervention of the Independent Engineer, either Party may require such Dispute to be referred to the Managing Director, MPRDC, Bhopal and the Chairman of the Board of Directors of the Concessionaire for amicable settlement, and upon such reference, the said persons shall meet no later than 7 (seven) days from the date of reference to discuss and attempt to amicably resolve the Dispute. If such meeting does not take place within the 7 (seven) day period or the Dispute is not amicably settled within 15 (fifteen) days of the meeting or the Dispute is not resolved as evidenced by the signing of written terms of settlement within 30 (thirty) days of the notice in writing referred to in Clause 44.1.1 or such longer period as may be mutually agreed by the Parties, either Party may refer the Dispute to arbitration in accordance with the provisions of Clause 44.3.

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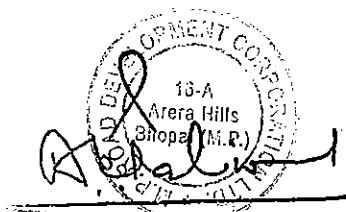


### 44.3 Arbitration

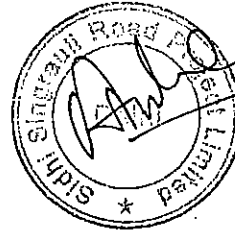
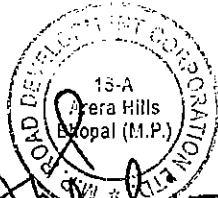
- 44.3.1 Any Dispute which is not resolved amicably by conciliation, as provided in Clause 44.2, shall be finally decided by reference to arbitration by a Board of Arbitrators appointed in accordance with Clause 44.3.2. Such arbitration shall be held in accordance with the Rules of Arbitration of the International Centre for Alternative Dispute Resolution, New Delhi (the "Rules"), or such other rules as may be mutually agreed by the Parties, and shall be subject to the provisions of the Arbitration Act. The venue of such arbitration shall be Bhopal (Madhya Pradesh), and the language of arbitration proceedings shall be English.
- 44.3.2 There shall be a Board of three arbitrators, of whom each Party shall select one, and the third arbitrator shall be appointed by the two arbitrators so selected, and in the event of disagreement between the two arbitrators, the appointment shall be made in accordance with the Rules.
- 44.3.3 The arbitrators shall make a reasoned award (the "Award"). Any Award made in any arbitration held pursuant to this Article 44 shall be final and binding on the Parties as from the date it is made, and the Concessionaire and the Authority agree and undertake to carry out such Award without delay.
- 44.3.4 The Concessionaire and the Authority agree that an Award may be enforced against the Concessionaire and/or the Authority, as the case may be, and their respective assets wherever situated.
- 44.3.5 This Agreement and the rights and obligations of the Parties shall remain in full force and effect, pending the Award in any arbitration proceedings hereunder.

### 44.4 Adjudication by Regulatory Authority or Commission

In the event of constitution of a statutory Regulatory Authority or Commission with powers to adjudicate upon disputes between the Concessionaire and the Authority, all Disputes arising after such constitution shall, instead of reference to arbitration under Clause 44.3, be adjudicated upon by such Regulatory Authority or



Commission in accordance with the Applicable Law and all references to Dispute Resolution Procedure shall be construed accordingly. For the avoidance of doubt, the Parties hereto agree that the adjudication hereunder shall not be final and binding until an appeal against such adjudication has been decided by an appellate tribunal or High Court, as the case may be, or no such appeal has been preferred within the time specified in the Applicable Law.



ARTICLE 45  
DISCLOSURE

**45.1 Disclosure of Specified Documents**

The Concessionaire shall make available for inspection by any person, copies of this Concession Agreement, the Maintenance Manual, the Maintenance Programme and the Maintenance Requirements (hereinafter collectively referred to as the "Specified Documents"), free of charge, during normal business hours on all working days at the Toll Plaza[s] and Concessionaire's Registered Office. The Concessionaire shall prominently display at each of the Toll Plaza[s] and toll booths, public notices stating the availability of the Specified Documents for such inspection, and shall provide copies of the same to any person upon payment of copying charges on a 'no profit no loss' basis.

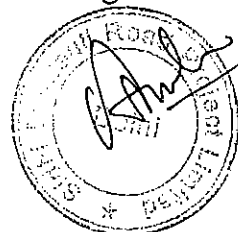
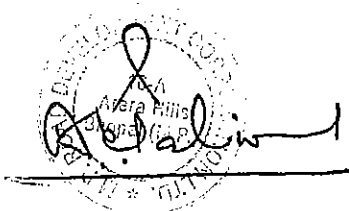
**45.2 Disclosure of Documents relating to safety**

The Concessionaire shall make available for inspection by any person copies of all Documents and data relating to safety of the Project Highway, free of charge, during normal business hours on all working days, at the Concessionaire's Registered Office. The Concessionaire shall make copies of the same available to any person upon payment of copying charges on a 'no profit no loss' basis.

**45.3 Notwithstanding the provisions of Clauses 45.1 and 45.2, the Authority shall be entitled to direct the Concessionaire, from time to time, to withhold the disclosure of Protected Documents (as defined herein below) to any person in pursuance of the aforesaid Clauses.**

*Explanation:*

The expression Protected Documents shall mean such of the Specified Documents or documents referred to in Clauses 45.1 and 45.2, or portions thereof, the disclosure of which the Authority is entitled to withhold under the provisions of the Right to Information Act, 2005.



ARTICLE 46  
REDRESSAL OF PUBLIC GRIEVANCES

**46.1 Complaints Register**

46.1.1 The Concessionaire shall maintain a public relations office at each of the Toll Plazas where it shall keep a register (the "**Complaint Register**") open to public access at all times for recording of complaints by any person (the "**Complainant**"). Information relating to the availability of and access to the Complaint Register shall be prominently displayed by the Concessionaire at each Toll Plazas so as to bring it to the attention of all Users.

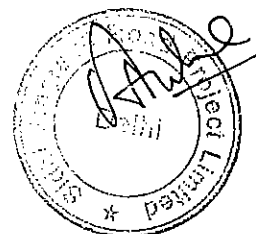
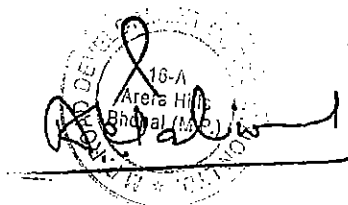
46.1.2 The Complaint Register shall be securely bound and each page thereof shall be duly numbered. It shall have appropriate columns including the complaint number, date, name and address of the Complainant, substance of the complaint and the action taken by the Concessionaire. Immediately after a complaint is registered, the Concessionaire shall give a receipt to the Complainant stating the date and complaint number.

46.1.3 Without prejudice to the provisions of Clauses 46.1.1 and 46.1.2, the Authority may, in consultation with the Concessionaire, specify the procedure for making complaints in electronic form and for responses thereto.

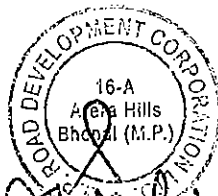
**46.2 Redressal of complaints**

46.2.1 The Concessionaire shall inspect the Complaint Register every day and take prompt and reasonable action for redressal of each complaint. The action taken shall be briefly noted in the Complaint Register and a reply stating the particulars thereof shall be sent by the Concessionaire to the Complainant under a certificate of posting.

46.2.2 Within 7 (seven) days of the close of each month, the Concessionaire shall send to the Authority and to the Independent Engineer a true photocopy each of all the pages of the Complaint Register on which any entry has been recorded during the course of



such month, and upon perusal thereof, the Authority may, in its discretion, advise the Concessionaire to take such further action as the Authority may deem appropriate for a fair and just redressal of any grievance. The Concessionaire shall consider such advice and inform the Authority of its decision thereon, and if the Authority is of the opinion that the Complainant is entitled to further relief, it may refer the matter to the competent forum for its disposal under the Consumer Protection Act, 1986, and advise the Complainant to pursue the complaint at his own risk and cost.



R. D. Ali

ARTICLE 47  
MISCELLANEOUS

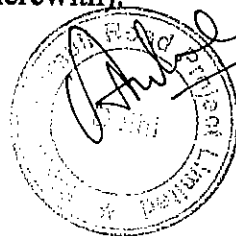
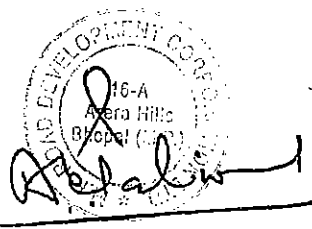
**47.1 Governing law and jurisdiction**

This Agreement shall be construed and interpreted in accordance with and governed by the laws of India, and the courts at Bhopal (MP) shall have exclusive jurisdiction over matters arising out of or relating to this Agreement.

**47.2 Waiver of immunity**

Each Party unconditionally and irrevocably:

- (a) agrees that the execution, delivery and performance by it of this Agreement constitute commercial acts done and performed for commercial purpose;
- (b) agrees that, should any proceedings be brought against it or its assets, property or revenues in any jurisdiction in relation to this Agreement or any transaction contemplated by this Agreement, no immunity (whether by reason of sovereignty or otherwise) from such proceedings shall be claimed by or on behalf of the Party with respect to its assets;
- (c) waives any right of immunity which it or its assets, property or revenues now has, may acquire in the future or which may be attributed to it in any jurisdiction; and
- (d) consents generally in respect of the enforcement of any judgement or award against it in any such proceedings to the giving of any relief or the issue of any process in any jurisdiction in connection with such proceedings (including the making, enforcement or execution against it or in respect of any assets, property or revenues whatsoever irrespective of their use or intended use of any order or judgement that may be made or given in connection therewith).



### 47.3 Memorandum of Understanding (MOU)

The Concessionaire acknowledges that it has received from the Authority a certified true copy of the agreement executed between MORTH and the State Government of Madhya Pradesh through MPRDC for providing the support and services specified therein (the "MOU"), and the Parties hereto agree to make their best endeavours to procure the support of the State Government.

### 47.4 Depreciation and Interest

47.4.1 For the purposes of depreciation under the Applicable Laws, the property representing the capital investment made by the Concessionaire in the Project shall be deemed to be acquired and owned by the Concessionaire. For the avoidance of doubt, the Authority shall not in any manner be liable in respect of any claims for depreciation to be made by the Concessionaire under the Applicable Laws.

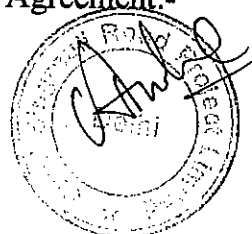
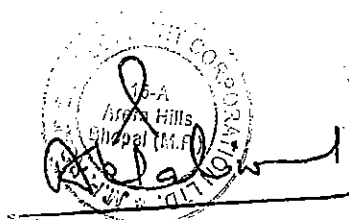
47.4.2 Unless otherwise specified, any interest payable under this Agreement shall accrue on a daily outstanding basis and shall be compounded on the basis of quarterly rests.

### 47.5 Delayed payments

The Parties hereto agree that payments due from one Party to the other Party under the provisions of this Agreement shall be made within the period set forth therein, and if no such period is specified, within 30 (thirty) days of receiving a demand along with the necessary particulars. In the event of delay beyond such period, the defaulting Party shall pay interest for the period of delay calculated at a rate equal to 5% (five per cent) above the Bank Rate, and recovery thereof shall be without prejudice to the rights of the Parties under this Agreement including Termination thereof.

### 47.6 Waiver

47.6.1 Waiver, including partial or conditional waiver, by either Party of any default by the other Party in the observance and performance of any provision of or obligations under this Agreement:-



- (a) shall not operate or be construed as a waiver of any other or subsequent default hereof or of other provisions of or obligations under this Agreement;
- (b) shall not be effective unless it is in writing and executed by a duly authorised representative of the Party; and
- (c) shall not affect the validity or enforceability of this Agreement in any manner.

47.6.2 Neither the failure by either Party to insist on any occasion upon the performance of the terms, conditions and provisions of this Agreement or any obligation thereunder nor time or other indulgence granted by a Party to the other Party shall be treated or deemed as waiver of such breach or acceptance of any variation or the relinquishment of any such right hereunder.

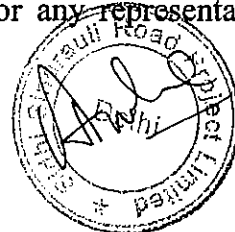
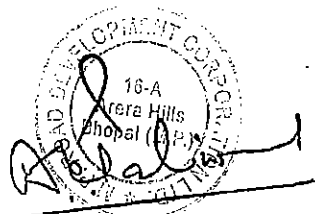
#### 47.7 Liability for review of Documents and Drawings

Except to the extent expressly provided in this Agreement:

- (a) no review, comment or approval by the Authority or the Independent Engineer of any Project Agreement, Document or Drawing submitted by the Concessionaire nor any observation or inspection of the construction, operation or maintenance of the Project Highway nor the failure to review, approve, comment, observe or inspect hereunder shall relieve or absolve the Concessionaire from its obligations, duties and liabilities under this Agreement, the Applicable Laws and Applicable Permits; and
- (b) the Authority shall not be liable to the Concessionaire by reason of any review, comment, approval, observation or inspection referred to in Sub-clause (a) above.

#### 47.8 Exclusion of implied warranties etc.

This Agreement expressly excludes any warranty, condition or other undertaking implied at law or by custom or otherwise arising out of any other agreement between the Parties or any representation by





either Party not contained in a binding legal agreement executed by both Parties.

#### 47.9 Survival

##### 47.9.1 Termination shall:

- (a) not relieve the Concessionaire or the Authority, as the case may be, of any obligations hereunder which expressly or by implication survive Termination hereof; and
- (b) except as otherwise provided in any provision of this Agreement expressly limiting the liability of either Party, not relieve either Party of any obligations or liabilities for loss or damage to the other Party arising out of, or caused by, acts or omissions of such Party prior to the effectiveness of such Termination or arising out of such Termination.

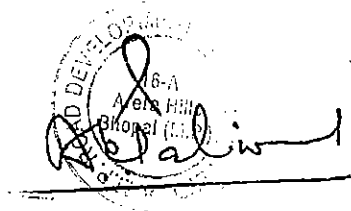
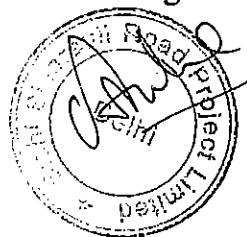
47.9.2 All obligations surviving Termination shall only survive for a period of 3 (three) years following the date of such Termination.

#### 47.10 Entire Agreement

This Agreement and the Schedules together constitute a complete and exclusive statement of the terms of the agreement between the Parties on the subject hereof, and no amendment or modification hereto shall be valid and effective unless such modification or amendment is agreed to in writing by the Parties and duly executed by persons especially empowered in this behalf by the respective Parties. All prior written or oral understandings, offers or other communications of every kind pertaining to this Agreement are abrogated and withdrawn. For the avoidance of doubt, the Parties hereto agree that any obligations of the Concessionaire arising from the Request for Qualification or Request for Proposals, as the case may be, shall be deemed to form part of this Agreement and treated as such.

#### 47.11 Severability

If for any reason whatever, any provision of this Agreement is or

becomes invalid, illegal or unenforceable or is declared by any court of competent jurisdiction or any other instrumentality to be invalid, illegal or unenforceable, the validity, legality or enforceability of the remaining provisions shall not be affected in any manner, and the Parties will negotiate in good faith with a view to agreeing to one or more provisions which may be substituted for such invalid, unenforceable or illegal provisions, as nearly as is practicable to such invalid, illegal or unenforceable provision. Failure to agree upon any such provisions shall not be subject to the Dispute Resolution Procedure set forth under this Agreement or otherwise.

#### **47.12 No partnership**

This Agreement shall not be interpreted or construed to create an association, joint venture or partnership between the Parties, or to impose any partnership obligation or liability upon either Party, and neither Party shall have any right, power or authority to enter into any agreement or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise bind, the other Party.

#### **47.13 Third parties**

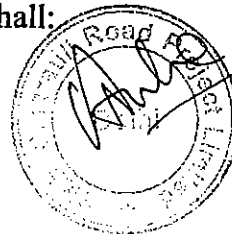
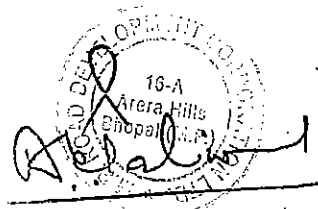
This Agreement is intended solely for the benefit of the Parties, and their respective successors and permitted assigns, and nothing in this Agreement shall be construed to create any duty to, standard of care with reference to, or any liability to, any person not a Party to this Agreement.

#### **47.14 Successors and assigns**

This Agreement shall be binding upon, and inure to the benefit of the Parties and their respective successors and permitted assigns.

#### **47.15 Notices**

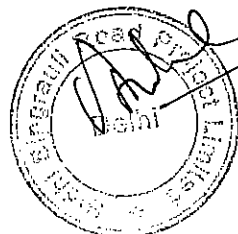
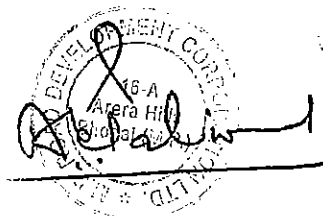
Any notice or other communication to be given by any Party to the other Party under or in connection with the matters contemplated by this Agreement shall be in writing and shall:



- (a) in the case of the Concessionaire, be given by facsimile or e-mail and by letter delivered by hand to the address given and marked for attention of the person set out below or to such other person as the Concessionaire may from time to time designate by notice to the Authority; provided that notices or other communications to be given to an address outside Bhopal may, if they are subsequently confirmed by sending a copy thereof by registered acknowledgement due, air mail or by courier, be sent by facsimile or e-mail to the number as the Concessionaire may from time to time designate by notice to the Authority;
- (b) in the case of the Authority, be given by facsimile or e-mail and by letter delivered by hand and be addressed to the Managing Director of the Authority with a copy delivered to the Authority Representative or such other person as the Authority may from time to time designate by notice to the Concessionaire; provided that if the Concessionaire does not have an office in Delhi it may send such notice by facsimile or e-mail and by registered acknowledgement due, air mail or by courier; and
- (c) any notice or communication by a Party to the other Party, given in accordance herewith, shall be deemed to have been delivered when in the normal course of post it ought to have been delivered and in all other cases, it shall be deemed to have been delivered on the actual date and time of delivery; provided that in the case of facsimile or e-mail, it shall be deemed to have been delivered on the working day following the date of its delivery.

#### 47.16 Language

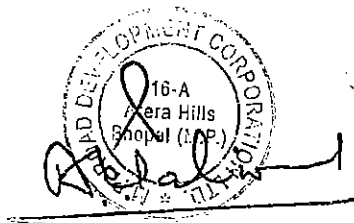
All notices required to be given by one Party to the other Party and all other communications, Documentation and proceedings which



are in any way relevant to this Agreement shall be in writing and in English language.

#### 47.17 Counterparts

This Agreement may be executed in two counterparts, each of which, when executed and delivered, shall constitute an original of this Agreement.



ARTICLE 48  
DEFINITIONS

**48.1 Definitions**

In this Agreement, the following words and expressions shall, unless repugnant to the context or meaning thereof, have the meaning hereinafter respectively assigned to them:

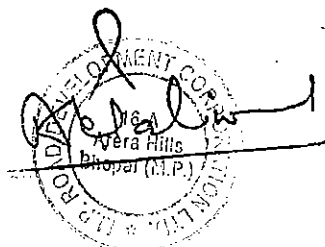
**"Accounting Year"** means the financial year commencing from the first day of April of any calendar year and ending on the thirty-first day of March of the next calendar year;

**"Additional Facilities"** means the facilities such as service stations, motels, restaurants, shopping areas and amusement parks which the Concessionaire may, in its discretion and subject to Applicable Laws, provide or procure for the benefit of the Users, and which are in addition to the Project Facilities, and not situated on the Site;

**"Additional Tollway"** shall have the meaning set forth in Clause 30.1.1;

**"Adjusted Equity"** means the Equity funded in Indian Rupees and adjusted on the first day of the current month (the **"Reference Date"**), in the manner set forth below, to reflect the change in its value on account of depreciation and variations in WPI, and for any Reference Date occurring:

- (a) on or before COD, the Adjusted Equity shall be a sum equal to the Equity funded in Indian Rupees and expended on the Project, revised to the extent of one half of the variation in WPI occurring between the first day of the month of Appointed Date and the Reference Date;
- (b) from COD and until the 4th (fourth) anniversary thereof, an amount equal to the Adjusted Equity as on COD shall be deemed to be the base (the **"Base Adjusted Equity"**) and the Adjusted Equity hereunder shall be a sum equal to the Base Adjusted Equity, revised at the commencement of each month



following COD to the extent of variation in WPI occurring between COD and the Reference Date;

- (c) after the 4th (fourth) anniversary of COD, the Adjusted Equity hereunder shall be a sum equal to the Base Adjusted Equity, reduced by 0.28 % (zero point two eight per cent) thereof at the commencement of each month following the 4th (fourth) anniversary of COD and the amount so arrived at shall be revised to the extent of variation in WPI occurring between COD and the Reference Date;

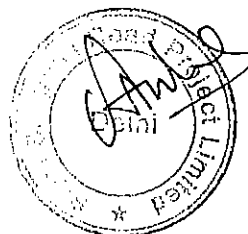
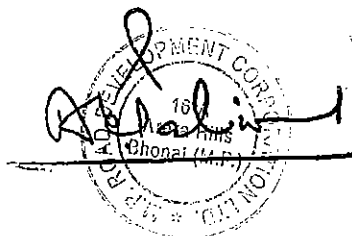
For the avoidance of doubt, the Adjusted Equity shall, in the event of Termination, be computed as on the Reference Date immediately preceding the Transfer Date; provided that no reduction in the Adjusted Equity shall be made for a period equal to the duration, if any, for which the Concession Period is extended, but the revision on account of WPI shall continue to be made;

**"Affected Party"** shall have the meaning set forth in Clause 34.1;

**"Agreement"** or **"Concession Agreement"** means this Agreement, its Recitals, the Schedules hereto and any amendments thereto made in accordance with the provisions contained in this Agreement;

**"Appendix"** shall have the meaning set forth in Clause 10.3.1; **"Applicable Laws"** means all laws, brought into force and effect by GOI or the State Government including rules, regulations and notifications made thereunder, and judgements, decrees, injunctions, writs and orders of any court of record, applicable to this Agreement and the exercise, performance and discharge of the respective rights and obligations of the Parties hereunder, as may be in force and effect during the subsistence of this Agreement;

**"Applicable Permits"** means all clearances, licences, permits, authorisations, no objection certificates, consents, approvals and exemptions required to be obtained or maintained under Applicable Laws in connection with the construction, operation and maintenance of the Project Highway during the subsistence of this



Agreement;

**"Appointed Date"** means the date on which Financial Close is achieved or an earlier date that the Parties may by mutual consent determine, and shall be deemed to be the date of commencement of the Concession Period. For the avoidance of doubt, every Condition Precedent shall have been satisfied or waived prior to the Appointed Date and in the event all Conditions Precedent are not satisfied or waived, as the case may be, the Appointed Date shall be deemed to occur only when each and every Condition Precedent is either satisfied or waived, as the case may be;

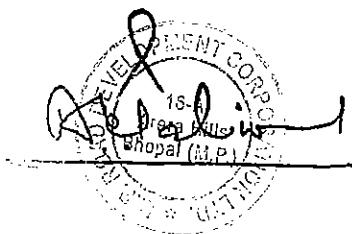
**"Arbitration Act"** means the Arbitration and Conciliation Act, 1996 and shall include modifications to or any re-enactment thereof, as in force from time to time;

**"Associate"** or **"Affiliate"** means, in relation to either Party, a person who controls, is controlled by, or is under the common control with such Party (as used in this definition, the expression "control" means, with respect to a person which is a company or corporation, the ownership, directly or indirectly, of more than 50% (fifty per cent) of the voting shares of such person, and with respect to a person which is not a company or corporation, the power to direct the management and policies of such person, whether by operation of law or by contract or otherwise);

**"Authority Default"** shall have the meaning set forth in Clause 37.2.1;

**"Authority Representative"** means such person or persons as may be authorised in writing by the Authority to act on its behalf under this Agreement and shall include any person or persons having authority to exercise any rights or perform and fulfil any obligations of the Authority under this Agreement;

**"Average Daily Fee"** means the amount arrived at after dividing the total Realisable Fee of the immediately preceding Accounting Year by 365 (three hundred and sixty five), and increasing the result thereof by 5% (five per cent);



provided that the Average Daily Fee for any period prior to completion of the first Accounting Year following COD shall be a simple average of the Fee collected every day during the period between COD and the last day of the month preceding the date on which the event requiring calculation hereof occurred, and in the event that the Fee payable by any segment of traffic has not been realised for any reason, an assessment thereof shall be made by the Independent Engineer to form part of the Average Daily Fee for such period;

**"Bank"** means a bank incorporated in India and having a minimum net worth of Rs. 1,000 crore (Rupees one thousand crore) or any other bank acceptable to Senior Lenders, but does not include a bank in which any Senior Lender has an interest;

**"Bank Rate"** means the rate of interest specified by the Reserve Bank of India from time to time in pursuance of section 49 of the Reserve Bank of India Act, 1934 or any replacement of such Bank Rate for the time being in effect;

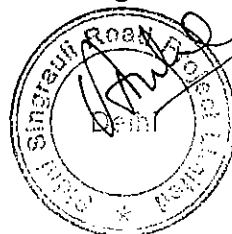
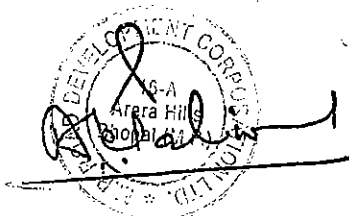
**"Bid"** means the documents in their entirety comprised in the bid submitted by the selected bidder in response to the Request for Proposals in accordance with the provisions thereof;

**"Bid Security"** means the security provided by the Concessionaire to the Authority along with the Bid in a sum of ₹. 8.71 crore (Rupees eight crores seventy one lacs), in accordance with the Request for Proposals, and which is to remain in force until substituted by the Performance Security;

**"Bus"** means any passenger motor vehicle with a registered carrying capacity exceeding 32 (thirty two), excluding the driver;

**"COD"** or **"Commercial Operation Date"** shall have the meaning set forth in Clause 15.1;

**"Car"** means and includes any mechanical vehicle being a light motor vehicle, car, jeep, van, omnibus, or three-wheeled motor vehicle with a Gross Vehicle Weight not exceeding 7,500 (seven thousand five hundred) kilograms or a registered carrying capacity





not exceeding 12 (twelve), excluding the driver, but does not include a Motor Cycle, Tractor or road roller;

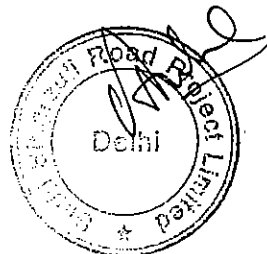
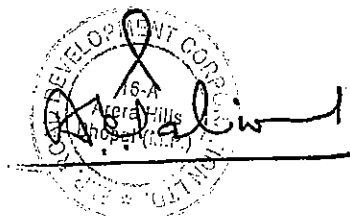
**"Change in Law"** means the occurrence of any of the following after the date of Bid:

- (a) the enactment of any new Indian law;
- (b) the repeal, modification or re-enactment of any existing Indian law;
- (c) the commencement of any Indian law which has not entered into effect until the date of Bid;
- (d) a change in the interpretation or application of any Indian law by a judgement of a court of record which has become final, conclusive and binding, as compared to such interpretation or application by a court of record prior to the date of Bid; or
- (e) any change in the rates of any of the Taxes that have a direct effect on the Project;

**"Change in Ownership"** means a transfer of the direct and/or indirect legal or beneficial ownership of any shares, or securities convertible into shares, that causes the aggregate holding of the selected bidder, together with its Associates, in the total Equity to decline below 51% (fifty one per cent) thereof during Construction Period and two years thereafter; provided that any material variation (as compared to the representations made by the Concessionaire during the bidding process for the purposes of meeting the minimum conditions of eligibility or for evaluation of its application or bid, as the case may be) in the proportion of the equity holding of the selected bidder to the total Equity, if it occurs prior to completion of a period two years after COD shall constitute Change in Ownership.

**"Change of Scope"** shall have the meaning set forth in Clause 16.1;

**"Company"** means the company acting as the Concessionaire under



this Agreement;

**"Competing Road"** means a road connecting the two end points of the Project Highway and serving as an alternative route thereof, such road being an existing paved road, which has been widened by more than 2 (two) metres of paved road for at least 75% (seventy five per cent) of the total length thereof at any time after the date of this Agreement, or a new road, which is constructed after such date, as the case may be, but does not include any road connecting the aforesaid two points if the length of such road exceeds the length of the Project Highway by 20% (twenty per cent) thereof;

**"Completion Certificate"** shall have the meaning set forth in Clause 14.2;

**"Concession"** shall have the meaning set forth in Clause 3.1.1;

**"Concessionaire"** shall have the meaning attributed thereto in the array of Parties hereinabove as set forth in the Recitals;

**"Concession Fee"** shall have the meaning set forth in Clause 26.1;

**"Concession Period"** means the period starting on and from the Appointed Date and ending on the Transfer Date;

**"Concessionaire Default"** shall have the meaning set forth in Clause 37.1.1;


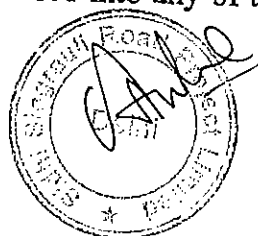
**"Conditions Precedent"** shall have the meaning set forth in Clause 4.1.1;

**"Selected Bidder"** shall have the meaning set forth in Recital (C);

**"Construction Period"** means the period beginning from the Appointed Date and ending on the COD;

**"Construction Works"** means all works and things necessary to complete the Project Highway in accordance with this Agreement;

**"Contractor"** means the person or persons, as the case may be, with whom the Concessionaire has entered into any of the EPC Contract,

the O&M Contract, the Tolling Contract or any other material agreement or contract for construction, operation and/or maintenance of the Project Highway or matters incidental thereto, but does not include a person who has entered into an agreement for providing financial assistance to the Concessionaire;

**"Cure Period"** means the period specified in this Agreement for curing any breach or default of any provision of this Agreement by the Party responsible for such breach or default and shall:

- (a) commence from the date on which a notice is delivered by one Party to the other Party asking the latter to cure the breach or default specified in such notice;
- (b) not relieve any Party from liability to pay Damages or compensation under the provisions of this Agreement; and
- (c) not in any way be extended by any period of Suspension under this Agreement; provided that if the cure of any breach by the Concessionaire requires any reasonable action by the Concessionaire that must be approved by the Authority or the Independent Engineer hereunder, the applicable Cure Period shall be extended by the period taken by the Authority or the Independent Engineer to accord their approval;

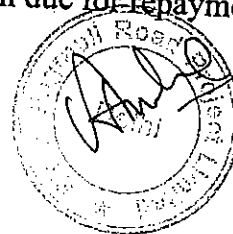
**"DBFOT"** or **"Design, Build, Finance, Operate and Transfer"** shall have the meaning set forth in Recital (B);

**"Damages"** shall have the meaning set forth in Sub-clause (w) of Clause 1.2.1;

**"Debt Due"** means the aggregate of the following sums expressed in Indian Rupees outstanding on the Transfer Date:

- (a) the principal amount of the debt provided by the Senior Lenders under the Financing Agreements for financing the Total Project Cost (the **"principal"**) but excluding any part of the principal that had fallen due for repayment two years prior to the Transfer Date;

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- (b) all accrued interest, financing fees and charges payable under the Financing Agreements on, or in respect of, the debt referred to in Sub-clause (a) above until the Transfer Date but excluding (i) any interest, fees or charges that had fallen due one year prior to the Transfer Date, (ii) any penal interest or charges payable under the Financing Agreements to any Senior Lender, and (iii) any pre-payment charges in relation to accelerated repayment of debt except where such charges have arisen due to Authority Default; and
- (c) any Subordinated Debt which is included in the Financial Package and disbursed by lenders for financing the Total Project Cost;

provided that if all or any part of the Debt Due is convertible into Equity at the option of Senior Lenders and/or the Concessionaire, it shall for the purposes of this Agreement be deemed to be Debt Due even after such conversion and the principal thereof shall be dealt with as if such conversion had not been undertaken;

**"Debt Service"** means the sum of all payments on account of principal, interest, financing fees and charges due and payable in an Accounting Year to the Senior Lenders under the Financing Agreements;

**"Development Period"** means the period from the date of this Agreement until the Appointed Date;

**"Dispute"** shall have the meaning set forth in Clause 44.1.1;

**"Dispute Resolution Procedure"** means the procedure for resolution of Disputes set forth in Article 44;

**"Divestment Requirements"** means the obligations of the Concessionaire for and in respect of Termination as set forth in Clause 38.1;

**"Document"** or **"Documentation"** means documentation in printed or written form, or in tapes, discs, drawings, computer programmes, writings, reports, photographs, films, cassettes, or expressed in any



other written, electronic, audio or visual form;

**"Drawings"** means all of the drawings, calculations and documents pertaining to the Project Highway as set forth in Schedule-H, and shall include 'as built' drawings of the Project Highway;

**"EPC Contract"** means the engineering, procurement and construction contract or contracts entered into by the Concessionaire with one or more Contractors for, inter alia, engineering and construction of the Project Highway in accordance with the provisions of this Agreement;

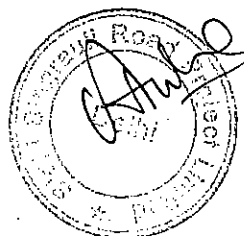
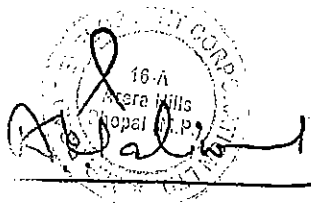
**"EPC Contractor"** means the person with whom the Concessionaire has entered into an EPC Contract;

**"Emergency"** means a condition or situation that is likely to endanger the security of the individuals on or about the Project Highway, including Users thereof, or which poses an immediate threat of material damage to any of the Project Assets;

**"Encumbrances"** means, in relation to the Project Highway, any encumbrances such as mortgage, charge, pledge, lien, hypothecation, security interest, assignment, privilege or priority of any kind having the effect of security or other such obligations, and shall include any designation of loss payees or beneficiaries or any similar arrangement under any insurance policy pertaining to the Project Highway, where applicable herein but excluding utilities referred to in Clause 11.1;

**"Equity"** means the sum expressed in Indian Rupees representing the paid up equity share capital of the Concessionaire for meeting the equity component of the Total Project Cost, and shall for the purposes of this Agreement include convertible instruments or other similar forms of capital, which shall compulsorily convert into equity share capital of the Company, and any interest-free funds advanced by any shareholder of the Company for meeting such equity component, but does not include Equity Support;

**"Equity Support"** shall have the meaning set forth in Clause 25.2.1;



**"Escrow Account"** means an Account which the Concessionaire shall open and maintain with a Bank in which all inflows and outflows of cash on account of capital and revenue receipts and expenditures shall be credited and debited, as the case may be, in accordance with the provisions of this Agreement, and includes the Sub-Accounts of such Escrow Account;

**"Escrow Agreement"** shall have the meaning set forth in Clause 31.1.2;

**"Escrow Bank"** shall have the meaning set forth in Clause 31.1.1;

**"Escrow Default"** shall have the meaning set forth in Schedule-S;

**"Exempted Vehicle"** means a vehicle exempted from payment of Fee under and in accordance with the Fee Rules;

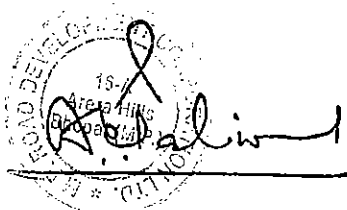
**"Fee"** means the charge levied on and payable for a vehicle using the Project Highway or a part thereof, in accordance with the Fee Rules and this Agreement;

**"Fee Notification"** means the Notification to be issued by the Government, prior to the Appointed Date, in exercise of the powers conferred by Section 8A of the National Highways Act, 1956 read with Rule 3 of the National Highways Fee (Determination of Rates and Collection) Rules, 2008, along with amendment rules 2010 & 2011 in respect of the levy and collection of Fee during the Concession Period, substantially in the form at Schedule-R;

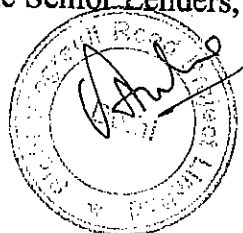
**"Fee Rules"** mean the National Highways Fee (Determination of Rates and Collection) Rules, 2008; and amendment rules 2010 & 2011 **"Financial Close"** means the fulfilment of all conditions precedent to the initial availability of funds under the Financing Agreements;

**"Financial Default"** shall have the meaning set forth in Schedule-V;

**"Financial Model"** means the financial model adopted by Senior Lenders, setting forth the capital and operating costs of the Project and revenues therefrom on the basis of which financial viability of the Project has been determined by the Senior Lenders, and includes



15-11-2011  
A. K. Singh  
General Manager  
National Highway Authority of India



NATIONAL HIGHWAY AUTHORITY OF INDIA  
PROJECT 1  
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a description of the assumptions and parameters used for making calculations and projections therein;

**"Financial Package"** means the financing package indicating the total capital cost of Four-Laning and the means of financing thereof, as set forth in the Financial Model and approved by the Senior Lenders, and includes Equity, all financial assistance specified in the Financing Agreements, Subordinated Debt and Equity Support, if any;

**"Financing Agreements"** means the agreements executed by the Concessionaire in respect of financial assistance to be provided by the Senior Lenders by way of loans, guarantees, subscription to non-convertible debentures and other debt instruments including loan agreements, guarantees, notes, debentures, bonds and other debt instruments, security agreements, and other documents relating to the financing (including refinancing) of the Total Project Cost, and includes amendments or modifications made in accordance with Clause 5.2.2;

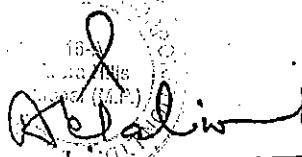
**"Force Majeure"** or **"Force Majeure Event"** shall have the meaning ascribed to it in Clause 34.1;

**"Four-Laning"** or **"Four-Lane"** means the construction and completion of all works included in or constituting a Four-lane Project Highway, as specified in Article 2 read with Schedule-B and Schedule-C;

**"GOI"** or **"Government"** means the Government of India;

**"Good Industry Practice"** means the practices, methods, techniques, designs, standards, skills, diligence, efficiency, reliability and prudence

which are generally and reasonably expected from a reasonably skilled and experienced operator engaged in the same type of undertaking as envisaged under this Agreement and which would be expected to result in the performance of its obligations by the Concessionaire in accordance with this Agreement, Applicable Laws and Applicable Permits in reliable, safe, economical and efficient

  
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manner;

**"Government Instrumentality"** means any department, division or sub-division of the Government or the State Government and includes any commission, board, authority, agency or municipal and other local authority or statutory body including Panchayat under the control of the Government or the State Government, as the case may be, and having jurisdiction over all or any part of the Project Highway or the performance of all or any of the services or obligations of the Concessionaire under or pursuant to this Agreement;

**"Grant"** shall have the meaning set forth in Clause 25.1.1;

**"Gross Vehicle Weight" or "GVW"** means in respect of any vehicle the total weight of the vehicle and load certified and registered under the Applicable Laws;

**"IRC"** means the Indian Roads Congress;

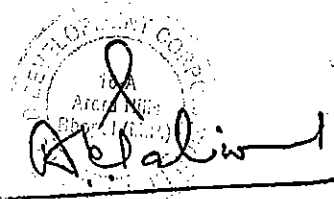
**"Indemnified Party"** means the Party entitled to the benefit of an indemnity pursuant to Article 42;

**"Indemnifying Party"** means the Party obligated to indemnify the other Party pursuant to Article 42;

**"Independent Engineer"** shall have the meaning set forth in Clause 23.1;

**"Indirect Political Event"** shall have the meaning set forth in Clause 34.3;

**"Insurance Cover"** means the aggregate of the maximum sums insured under the insurances taken out by the Concessionaire pursuant to Article 32, and includes all insurances required to be taken out by the Concessionaire under Clause 32.1 but not actually taken, and when used in the context of any act or event, it shall mean the aggregate of the maximum sums insured and payable or deemed to be insured and payable in relation to such act or event;






**"Intellectual Property"** means all patents, trademarks, service marks, logos, get-up, trade names, internet domain names, rights in designs, blue prints, programmes and manuals, drawings, copyright (including rights in computer software), database rights, semiconductor, topography rights, utility models, rights in know-how and other intellectual property rights, in each case whether registered or unregistered and including applications for registration, and all rights or forms of protection having equivalent or similar effect anywhere in the world;

**"LOA" or "Letter of Award"** means the letter of award referred to in Recital (E);

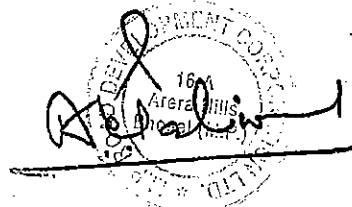
**"Lead Member"** shall have the meaning set forth in Recital (C);

**"Lenders' Representative"** means the person duly authorised by the Senior Lenders to act for and on behalf of the Senior Lenders with regard to matters arising out of or in relation to this Agreement, and includes his successors, assigns and substitutes;

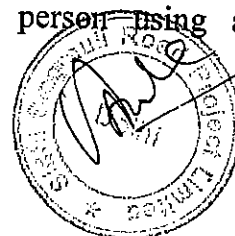
**"Light Commercial Vehicle" or "LCV"** means any mechanical vehicle being a passenger vehicle, minibus, light goods vehicle or goods carrier with a Gross Vehicle Weight exceeding 7,500 (seven thousand five hundred) kilograms but less than 12,000 (twelve thousand) kilograms or a registered passenger carrying capacity exceeding 12 (twelve) but less than 32 (thirty two), excluding the driver, and includes a Tractor with Trailer;

**"Local Personal User"** means a person using a vehicle registered for local commercial purposes and used as such for commuting on a section of the Project Highway, provided that (a) such vehicle is owned by a person who resides within a distance of 20 km (twenty kilometres) from the nearest Toll Plaza; (b) its use of such section of the Project Highway does not extend beyond a Toll Plaza other than such nearest Toll Plaza; and (c) such section of the Project Highway has no service road or alternative road; and shall include a vehicle that uses a section of the Project Highway but does not cross a Toll Plaza;

**"Local Commercial User"** means a person using a vehicle



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registered within the district in which toll plaza is located and is used for local commercial purposes as such for commuting on a section of the Project Highway, provided that (a) its use of such section of the Project Highway does not extend beyond a Toll Plaza other than such nearest Toll Plaza; and (b) such section of the Project Highway has no service road or alternative road; and shall include a vehicle that uses a section of the Project Highway but does not cross a Toll Plaza;

**"Maintenance Manual"** shall have the meaning ascribed to it in Clause 17.3;

**"Maintenance Programme"** shall have the meaning ascribed to it in Clause 17.4.1;

**"Maintenance Requirements"** shall have the meaning set forth in Clause 17.2;

**"Material Adverse Effect"** means a material adverse effect of any act or event on the ability of either Party to perform any of its obligations under and in accordance with the provisions of this Agreement and which act or event causes a material financial burden or loss to either Party;

**"Medical Aid Post"** shall have the meaning set forth in Clause.21.1;

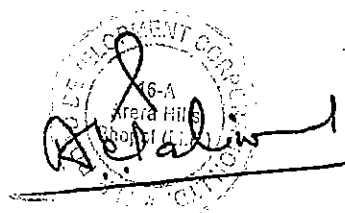
**MORTH** means the Ministry of Road Transport and Highways or any substitute thereof dealing with National Highways;

**"Motor Cycle"** means and includes any two-wheeled motor vehicle;

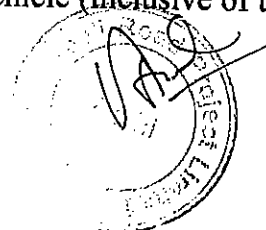
**"MOU"** means Memorandum of Understanding shall have the meaning as set forth in clause 47.3

**MPRDC** means Madhya Pradesh Road Development Corporation acting through Managing Director or any officer authorised by him .

**"Heavy construction machinery" or "Earth moving equipment" or "Multi-axle vehicle"** means a heavy construction machinery or earth moving equipment or mechanical vehicle including a multi axle vehicle with four to six axles or vehicle (inclusive of the axle of



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the trailer, if any) with a Gross Vehicle Weight exceeding 25000 (twenty five thousand) kilograms, but less than 60,000 (sixty thousand) kilograms;

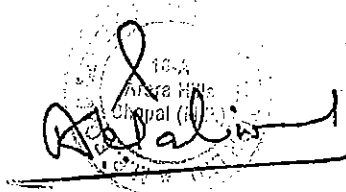
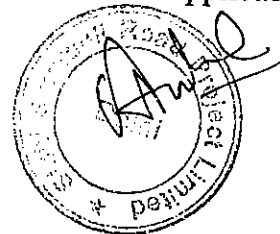
**"Nominated Company"** means a company selected by the Lenders' Representative and proposed to the Authority for substituting the Concessionaire in accordance with the provisions of the Substitution Agreement;

**"Non-Political Event"** shall have the meaning set forth in Clause 34.2; **"O&M"** means the operation and maintenance of the Project Highway and includes all matters connected with or incidental to such operation and maintenance, provision of services and facilities, and collection of Fee in accordance with the provisions of this Agreement;

**"O&M Contract"** means the operation and maintenance contract that may be entered into between the Concessionaire and the O&M Contractor for performance of all or any of the O&M obligations;

**"O&M Contractor"** means the person, if any, with whom the Concessionaire has entered into an O&M Contract for discharging O&M obligations for and on behalf of the Concessionaire;

**"O&M Expenses"** means expenses incurred by or on behalf of the Concessionaire or by the Authority, as the case may be, for all O&M including (a) cost of salaries and other compensation to employees, (b) cost of materials, supplies, utilities and other services, (c) premia for insurance, (d) all taxes, duties, cess and fees due and payable for O&M, (e) all repair, replacement, reconstruction, reinstatement, improvement and maintenance costs, (f) payments required to be made under the O&M Contract, Tolling Contract or any other contract in connection with or incidental to O&M, and (g) all other expenditure required to be incurred under Applicable Laws, Applicable Permits or this Agreement;

**"O&M Inspection Report"** shall have the meaning set forth in Clause 19.2;

**"Operation Period"** means the period commencing from COD and ending on the Transfer Date;

**"Oversized Vehicle"** means any mechanical vehicle having 7 (seven) or more axles or a Gross Vehicle Weight exceeding 60,000 (sixty thousand) kilograms;

**"PCU"** shall have the meaning ascribed to a passenger car unit in the Indian Roads Congress Publication No. IRC-64, 1990 or any substitute or modification thereof, and when used in this Agreement, shall include only motorised vehicles liable to payment of user charges at the Toll Plaza[s] in accordance with the Fee Rules and the Exempted Vehicles specified therein, but does not include Tractors, Motor Cycles and non-motorised vehicles;

**"Panel of Chartered Accountants"** shall have the meaning set forth in Clause 33.2.1;

**"Parties"** means the parties to this Agreement collectively and **"Party"** shall mean any of the parties to this Agreement individually;

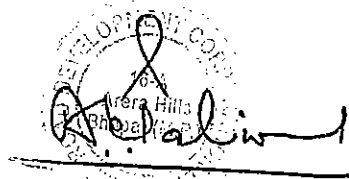
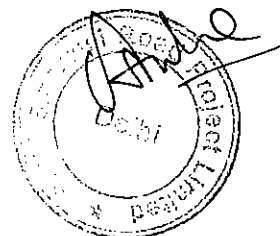
**"Performance Security"** shall have the meaning set forth in Clause 9.1;

**"Political Event"** shall have the meaning set forth in Clause 34.4;

**"Premium"** shall have the meaning set forth in Clause 25.4;

**"Project"** means the construction, operation and maintenance of the Project Highway in accordance with the provisions of this Agreement, and includes all works, services and equipment relating to or in respect of the Scope of the Project;

**"Project Agreements"** means this Agreement, the Financing Agreements, EPC Contract, O&M Contract, Tolling Contract, and any other material agreements or contracts that may be entered into by the Concessionaire with any person in connection with matters

relating to, arising out of or incidental to the Project, but does not include the Escrow Agreement, Substitution Agreement, or any agreement for procurement of goods and services involving a consideration of up to Rs.5.00 (five) crores;

**"Project Assets"** means all physical and other assets relating to and forming part of the Site including (a) rights over the Site in the form of licence, Right of Way or otherwise; (b) tangible assets such as civil works and equipment including foundations, embankments, pavements, road surface, interchanges, bridges, culverts, road overbridges, drainage works, traffic signals, sign boards, kilometre-stones, toll plaza[s], electrical systems, communication systems, rest areas, relief centres, maintenance depots and administrative offices; (c) Project Facilities situated on the Site; (d) all rights of the Concessionaire under the Project Agreements; (e) financial assets, such as receivables, security deposits etc.; (f) insurance proceeds; and (g) Applicable Permits and authorisations relating to or in respect of the Project Highway, but does not include Additional Facilities;

**"Project Completion Date"** means the date on which the Completion Certificate or the Provisional Certificate, as the case may be, is issued under the provisions of Article 14;

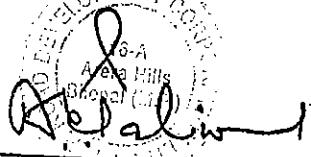
**"Project Completion Schedule"** means the progressive Project Milestones set forth in Schedule-G for completion of the Project Highway on or before the Scheduled Four-Laning Completion Date;

**"Project Facilities"** means all the amenities and facilities situated on the Site, as described in Schedule-C;

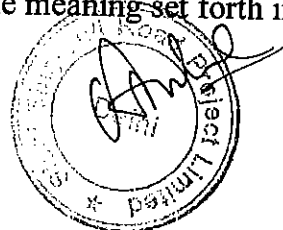
**"Project Highway"** means the Site comprising the existing road comprising NH-75-E from km . 83/4 to km 195/8 and all Project Assets, and its subsequent development and augmentation in accordance with this Agreement;

**"Project Milestones"** means the project milestones set forth in Schedule-G;

**"Provisional Certificate"** shall have the meaning set forth in Clause



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14.3;

**"Punch List"** shall have the meaning ascribed to it in Clause 14.3;

**"RBI"** means the Reserve Bank of India, as constituted and existing under the Reserve Bank of India Act, 1934, including any statutory modification or replacement thereof, and its successors;

**"Re.", "Rs." or "Rupees" or "Indian Rupees"** means the lawful currency of the Republic of India;

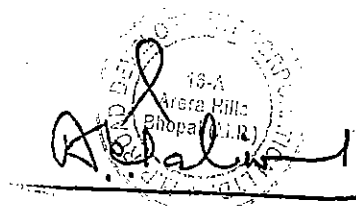
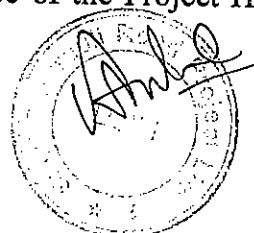
**"Realisable Fee"** means all the Fee due and realisable under this Agreement, but does not include fees that the Concessionaire has not been able to realise after due diligence and best efforts. For the avoidance of doubt, Realisable Fee shall, save as provided in Clause 26.4, be the amount so declared by the Concessionaire on the basis of its provisional accounts or the audited accounts, as the case may be, and in the event of a dispute thereto, the Dispute Resolution Procedure shall apply; **"Reference Exchange Rate"** means, in respect of any one currency that is to be converted into another currency in accordance with the provisions of this Agreement, the exchange rate as of 12.00 (twelve) noon on the relevant date quoted in Delhi by the State Bank of India, and in the absence of such rate, the average of similar rates quoted in Delhi by the Bank of India and the Bank of Baroda;

**"Request for Proposals" or "RFP"** shall have the meaning set forth in Recital (D);

**"Request for Qualification" or "RFQ"** shall have the meaning set forth in Recital (C);

**"Revenue Shortfall Loan"** shall have the meaning set forth in Clause 28.1.1;

**"Right of Way"** means the constructive possession of the Site, together with all way leaves, easements, unrestricted access and other rights of way, howsoever described, necessary for construction, operation and maintenance of the Project Highway in accordance with this Agreement;

**"Safety Consultant"** shall have the meaning set forth in Clause 18.1.2;

**"Safety Requirements"** shall have the meaning set forth in Clause 18.1.1;

**"Safety Fund"** shall have the meaning set forth in Clause 18.2;

**"Scheduled Four-Laning Date"** shall have the meaning set forth in Clause 12.4.1;

**"Scope of the Project"** shall have the meaning set forth in Clause 2.1;

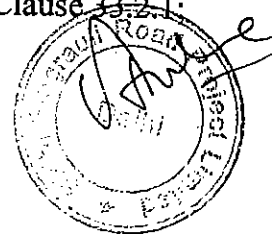
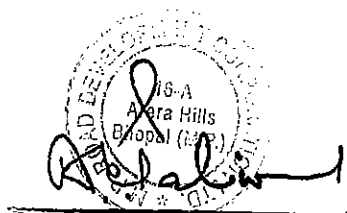
**"Senior Lenders"** means the financial institutions, banks, multilateral lending agencies, trusts, funds and agents or trustees of debenture holders, including their successors and assignees, who have agreed to guarantee or provide finance to the Concessionaire under any of the Financing Agreements for meeting all or any part of the Total Project Cost and who hold *pari passu* charge on the assets, rights, title and interests of the Concessionaire;

**"Site"** shall have the meaning set forth in Clause 10.1;

**"Specifications and Standards"** means the specifications and standards relating to the quality, quantity, capacity and other requirements for the Project Highway, as set forth in Schedule-D, and any modifications thereof, or additions thereto, as included in the design and engineering for the Project Highway submitted by the Concessionaire to, and expressly approved by, the Authority;

**"State"** means the State of Madhya Pradesh and **"State Government"** means the government of that State;

**"Statutory Auditors"** means a reputable firm of chartered accountants acting as the statutory auditors of the Concessionaire under the provisions of the Companies Act, 1956 including any statutory modification or re-enactment thereof, for the time being in force, and appointed in accordance with Clause 33.2.1;



**"Subordinated Debt"** means the aggregate of the following sums expressed in Indian Rupees or in the currency of debt, as the case may be, outstanding as on the Transfer Date:

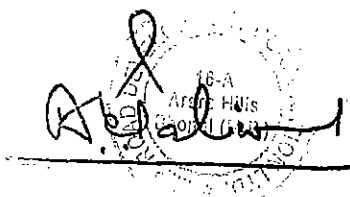
- (a) the principal amount of debt provided by lenders or the Concessionaire's shareholders for meeting the Total Project Cost and subordinated to the financial assistance provided by the Senior Lenders; and
- (b) all accrued interest on the debt referred to in Sub-clause (a) above but restricted to the lesser of actual interest rate and a rate equal to 5% (five per cent) above the Bank Rate in case of loans expressed in Indian Rupees and lesser of the actual interest rate and six-month LIBOR (London Inter Bank Offer Rate) plus 2% (two per cent) in case of loans expressed in foreign currency, but does not include any interest that had fallen due one year prior to the Transfer Date;

provided that if all or any part of the Subordinated Debt is convertible into Equity at the option of the lenders and/or the Concessionaire's shareholders, it shall for the purposes of this Agreement be deemed to be Subordinated Debt even after such conversion and the principal thereof shall be dealt with as if such conversion had not been undertaken;

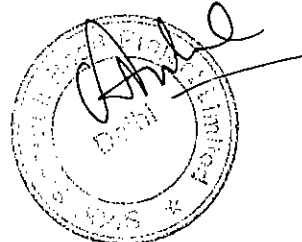
**"Subsistence Revenue"** means the total amount of Fee revenue that is required by the Concessionaire in an Accounting Year to meet the sum of (a) O&M Expenses, subject to an annual ceiling of 3% (three per cent) of the Total Project Cost, {plus Grant, if any,} during the first Accounting Year after COD, to be revised for each subsequent year to reflect the variations in WPI occurring between COD and commencement of such Accounting Year, and (b) Debt Service in such Accounting Year, but excluding any interest paid by the Authority under clause 34.7.2 or 35.2;

**"Substitution Agreement"** shall have the meaning set forth in Clause 40.3;

**"Suspension"** shall have the meaning set forth in Clause 36.1;



Handwritten signature and circular stamp of the Ministry of Finance, Government of India.



Handwritten signature and circular stamp of the Ministry of Finance, Government of India.



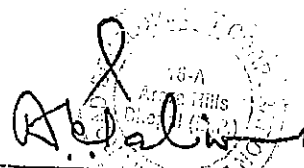
**"Taxes"** means any Indian taxes including excise duties, customs duties, value added tax, sales tax, local taxes, cess and any impost or surcharge of like nature (whether Central, State or local) on the goods, materials, equipment and services incorporated in and forming part of the Project Highway charged, levied or imposed by any Government Instrumentality, but excluding any interest, penalties and other sums in relation thereto imposed on any account whatsoever. For the avoidance of doubt, Taxes shall not include taxes on corporate income;

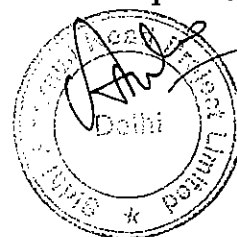
**"Termination"** means the expiry or termination of this Agreement and the Concession hereunder;

**"Termination Notice"** means the communication issued in accordance with this Agreement by one Party to the other Party terminating this Agreement;

**"Termination Payment"** means the amount payable by the Authority to the Concessionaire upon Termination and may consist of payments on account of and restricted to the Debt Due and Adjusted Equity, as the case may be, which form part of the Total Project Cost in accordance with the provisions of this Agreement; provided that the amount payable in respect of any Debt Due expressed in foreign currency shall be computed at the Reference Exchange Rate for conversion into the relevant foreign currency as on the date of Termination Payment. For the avoidance of doubt, it is agreed that within a period of 60 (sixty) days from COD, the Concessionaire shall notify to the Authority, the Total Project Cost as on COD and its disaggregation between Debt Due and Equity, and only the amounts so conveyed shall form the basis of computing Termination Payment, and it is further agreed that in the event such disaggregation is not notified to the Authority, Equity shall be deemed to be the amount arrived at by subtracting Debt Due from Total Project Cost;

**"Tests"** means the tests set forth in Schedule-I to determine the completion of Four-Laning in accordance with the provisions of this Agreement.

  
A. Lal



**"Three-axle Vehicle"** means any mechanical vehicles three axles (inclusive of the axle of the trailer, if any) and with a gross vehicle weight, less than or equal to **25000 (twenty five thousand) Kilograms;**

**"Toll Plaza"** means the structures and barriers erected at the specified location on the Project Highway for the purpose of regulating the entry and exit of vehicles in accordance with the provisions of this Agreement and shall include all land, buildings, equipment, and other facilities required in accordance with or incidental to the provisions of this Agreement; provided that such Toll Plaza(s) shall be situated at location(s) specified in the Bid or within a distance of 1 (one) kilometre thereof;

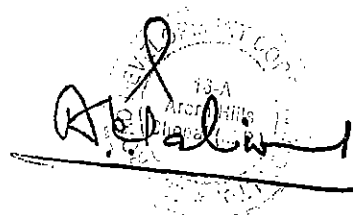
**"Tolling Contract"** means the contract, if any, entered into by the Concessionaire with the Tolling Contractor for collection of Fee for and on behalf of the Concessionaire and matters incidental thereto;

**"Tolling Contractor"** means the person, if any, with whom the Concessionaire has entered into a Tolling Contract;

**"Total Project Cost"** means the lowest of:

- (a) the capital cost of the Project, {less Equity Support} as set forth in the Financial Package;
- (b) the actual capital cost of the Project upon completion of Four-Laning of the Project Highway {less Equity Support}; and
- (c) a sum of **Rs. 871.15 crores (Rupees eight hundred seventy one crores fifteen lacs)**, less Equity Support

provided that in the event of Termination, the Total Project Cost shall be deemed to be modified to the extent of variation in WPI or Reference Exchange Rate occurring in respect of Adjusted Equity and Debt Due, as the case may be, in accordance with the provisions of this Agreement; provided further that in the event WPI increases, on an average, by more than 6% (six per cent) per annum for the period between the date hereof and COD, the Parties shall meet, as soon as reasonably practicable, and agree upon revision of the

 13-A  
Concessionaire  
Delhi



amount hereinbefore specified such that the effect of increase in WPI, in excess of such 6% (six per cent), is reflected in the Total Project Cost;

**"Tractor"** means a motor vehicle which is not itself constructed to carry any load other than the equipment used for the purpose of propulsion, but does not include a road roller; and **"Tractor with Trailer"** means a Tractor with an attached vehicle used for carrying goods;

**"Traffic Aid Post"** shall have the meaning set forth in Clause 20.2;

**"Transfer Date"** means the date on which this Agreement and the Concession hereunder expires pursuant to the provisions of this Agreement or is terminated by a Termination Notice;

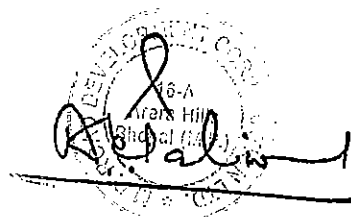
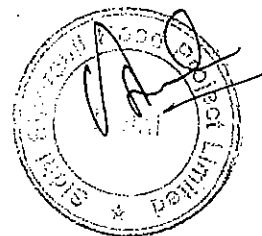
**"Truck"** means any mechanical vehicle being a goods carrier with a Gross Vehicle Weight exceeding 12,000 (twelve thousand) kilograms, but less than 20,000 (twenty thousand) kilograms;

**"User"** means a person who travels or intends to travel on the Project Highway or any part thereof in/on any vehicle on payment of Fee or in accordance with the provisions of this Agreement and Applicable Laws;

**"Vesting Certificate"** shall have the meaning set forth in Clause 38.4; and

**"WPI"** means the Wholesale Price Index for all commodities as published by the Ministry of Industry, GOI and shall include, any index which substitutes the WPI, and any reference to WPI shall, unless the context otherwise requires, be construed as a reference to the latest monthly WPI published no later than 30 (thirty) days prior to the date of consideration hereunder.

**IN WITNESS WHEREOF THE PARTIES HAVE EXECUTED AND DELIVERED THIS AGREEMENT AS OF THE DAY, MONTH AND YEAR FIRST ABOVE WRITTEN.**

SIGNED, SEALED AND  
DELIVERED

for and on behalf of  
MP Road Development  
Corporation Ltd. Bhopal

(Signature)

Name (Arun Paliwal)

Designation: Dy. General  
Manager (BOT)

SIGNED, SEALED AND  
DELEVERED

for and on behalf of  
M/s Sidhi Singrauli Road Project  
Limited, New Delhi

(Signature)

Name: (Amit Mokashi)

Authorized Signatory)

M/s Sidhi Singrauli Road  
Project Ltd. New Delhi

In the presence of

1  
(SANTAY KUMAR SRIVASTAVA)  
2  
18- CHITAGUPTANAGAR  
KOTRASULTANABAD  
BHOPAL.

Sudhakar R  
Manager, MP RDC  
Bhopal.

## REPLIES TO THE PRE-BID QUARRIES

**Road Name :- Sidhi to Singrauli Four lane Road project (NH-75E)**

S.NO.	CLAUSE OF CONTRACT/CLARIFICATION SOUGHT/QUERY	REPLY OF MPRDC
1	<p>Vol. III, clause 30.1.1: Notwithstanding anything to the contrary contained in this Agreement but subject always to Clause 30.2, the Authority shall not construct, and shall procure that no Government Instrumentality shall construct or cause to be constructed, any expressway or other toll road between, <i>inter alia</i>, sidhi and Singrauli i.e. km 83/4 and km 195/8 on National Highway No. 75E (collectively the "Additional Tollway") for use by traffic at any time before the 18<sup>th</sup> (Eighteenth) anniversary of the Appointed Date; provided that <i>in the event of the Concession Period being reduced to 18 (Eighteen) years, the Additional Tollway may be opened to traffic at any time after the 12<sup>th</sup> (twelfth) anniversary of the Appointed Date.</i></p> <p>The significance of reduction in concession period to 18 yrs. is not understood. Kindly explain the same in detail.</p> <p>We understand that the concession period is of 30 yrs.</p>	<p>words "provided that in the event of Concession Period being reduced to 18 (eighteen) years, the additional tollway may be opened to traffic at any time after 12<sup>th</sup> (twelfth) anniversary of the appointed date" stands deleted.</p>



# GAMMON INFRASTRUCTURE PROJECTS LIMITED

## FORMAT FOR FINANCIAL PROPOSAL

201

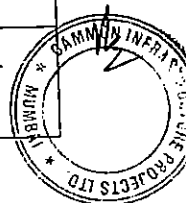
"Bid for for four laning of Sidhi-Singrauli (NH-75-E) project"

### Financial Proposal

(In Indian Rupees crore only)

For Grant to be provided by MPRDC

	Amount (in Crores)
Grant	Rs 339,69,00,000/-



Or

For Premium to be paid to MPRDC on Commercial Operation Date (COD)

	Amount (in Crores)
Premium	

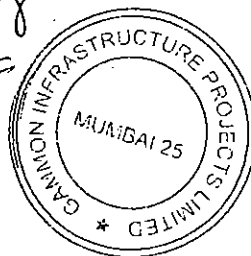


Quoted Grant / Premium is Rs 339,69,00,000/-  
(Rupees THREE HUNDRED THIRTY NINE  
CRORES SIXTY NINE LAKHS ONLY Crores in words)



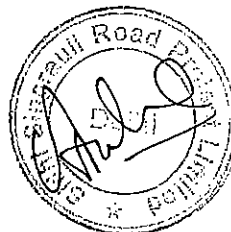
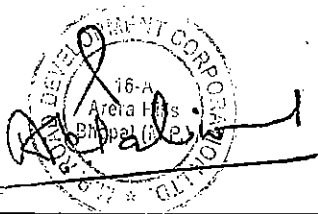
opened by me  
Grant Rs 339,69,00,000/-  
(Grant Rs Three Hundred Thirty nine Crores  
& Sixty nine lacs only)  
Anand  
24/12/2011

For and Behalf of  
Gammon Infrastructure Projects Limited



*Kshitiz Bhasker*

Kshitiz Bhasker  
(Authorised Signatory)  
Head Business Development





# MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LIMITED

(Govt. of M.P. Undertaking)

16-A, Arera Hills, Bhopal - 462 011

Tel.: (O) 0755-2765196, 205, 213, 216 (EPBX) Fax : 91-755-2572643

Website : www.mprdc.nic.in.

202

No. MPRDC/S-S/NH-75E/BOT/2011/ 16068  
Bhopal, dated 31 March, 2012

M/s Gammon Infrastructure Projects Ltd.,  
Gammon House,  
Veer Savarkar Marg,  
Prabadevi, Mumbai  
Fax: 022-61114025

**Sub: Regarding Strengthening, Widening, Maintaining and  
Operating of four laning of Sidhi-Singrauli (NH-75E)  
Road on BOT basis**

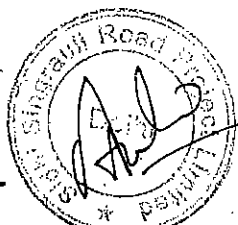
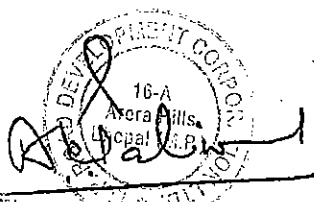
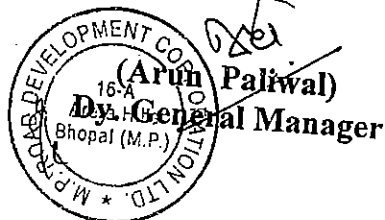
In response to your Pre-Qualification you have submitted Technical and Financial Bid for **Sidhi-Singrauli (NH-75E)** Road Project. In this connection, kindly refer to the clarification, addendum etc. issued from time to time before submission of the tender document.

Also refer to your bid documents containing an unconditional price bid for ₹ 339.69 crores (Rupees three hundred thirty nine crores sixty nine lacs only) as grant payable in terms of Clause 25 of the Concession Agreement (Vol.III of RFP).

Pursuant to our acceptance of your tender and decision to award the work to you, we advise you to send your acceptance and sign the Concession Agreement within the time stipulated in the Tender.

(Duplicate LOA to be returned after  
Acknowledgement)

Yours faithfully



*Connecting People Through quality infrastructure*



# GAMMON INFRASTRUCTURE PROJECTS LIMITED

Ref: GIPL/SS/KB/N/01

April 5, 2012

203

To  
Dy. General Manager  
Madhya Pradesh Road Development Corporation Limited  
16-A, Arera Hills,  
Bhopal- 462011  
Tel: 0755-2765196

Kind Attn: Mr. Arun Paliwal

Dear Sir,

Subject: "Strengthening, Widening, Maintaining and Operating of Four laning of Sidhi Singrauli (NH-75E) Road on BOT basis – Acceptance of Letter of Award ("LOA")

Ref: Your Letter of Award No. MPRDC/S-S/NH-75E/BOT/2011/16068 dated March 31, 2012

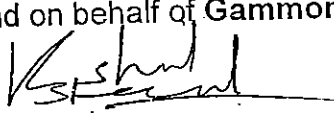
We express our sincere thanks for accepting our Bid for the above mentioned Project.

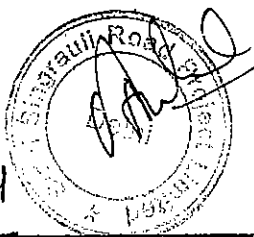
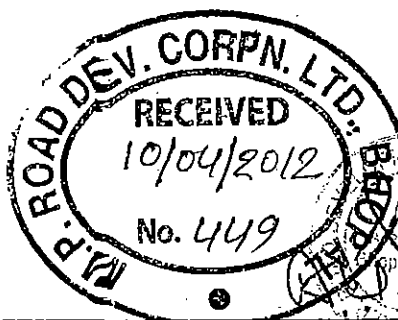
We hereby convey our acceptance of the aforesaid Letter of Award. A signed copy of the LOA is enclosed herewith.

We look forward to work jointly towards the success of the Project.

Thanking You,

Yours faithfully,  
For and on behalf of Gammon Infrastructure Projects Limited

  
Kshitiz Bhasker  
Head – Business Development







# MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LIMITED

(Govt. of M.P. Undertaking)

16-A, Arera Hills, Bhopal - 462 011

Tel.: (O) 0755-2765196, 205, 213, 216 (EPBX) Fax : 91-755-2572643

Website : www.mprdc.nic.in.

201

No. MPRDC/S-S/NH-75E/BOT/2011/16088  
Bhopal, dated 31 March, 2012

M/s Gammon Infrastructure Projects Ltd.,  
Gammon House,  
Veer Savarkar Marg,  
Prabadevi, Mumbai  
Fax: 022-61114025


**Sub: Regarding Strengthening, Widening, Maintaining and  
Operating of four laning of Sidhi-Singrauli (NH-75E)  
Road on BOT basis**

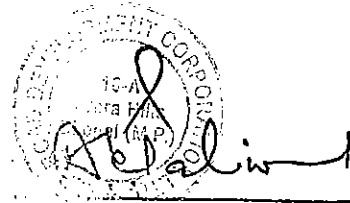
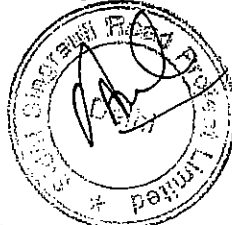
In response to your Pre-Qualification you have submitted Technical and Financial Bid for Sidhi-Singrauli (NH-75E) Road Project. In this connection, kindly refer to the clarification, addendum etc. issued from time to time before submission of the tender document.


Also refer to your bid documents containing an unconditional price bid for ₹ 339.69 crores (Rupees three hundred thirty nine crores sixty nine lacs only) as grant payable in terms of Clause 25 of the Concession Agreement (Vol.III of RFP).

Pursuant to our acceptance of your tender and decision to award the work to you, we advise you to send your acceptance and sign the Concession Agreement within the time stipulated in the Tender.

✓ (Duplicate LOA to be returned after Acknowledgement)

*We accept* 



Yours faithfully  
  
Arun Palival  
General Manager

*Connecting People Through quality infrastructure*



# GAMMON INFRASTRUCTURE PROJECTS LIMITED

Ref: GIPL/SS/KB/NI/02

April 30, 2012

To  
Dy. General Manager  
Madhya Pradesh Road Development Corporation Limited  
16-A, Arera Hills,  
Bhopal- 462011  
Tel: 0755-2765196

205

Kind Attn: Mr. Arun Paliwal

Dear Sir,

Sub: 1. Introduction of Special Purpose Vehicle Company and its registered Office address and correspondence address.

2. Appointment of Statutory Auditor.

Ref: "Strengthening, Widening, Maintaining and Operating of Four laning of Sidhi Singrauli (NH-75E) Road on BOT basis

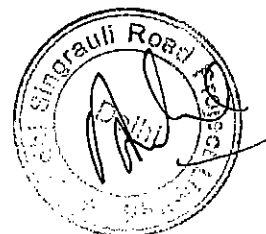
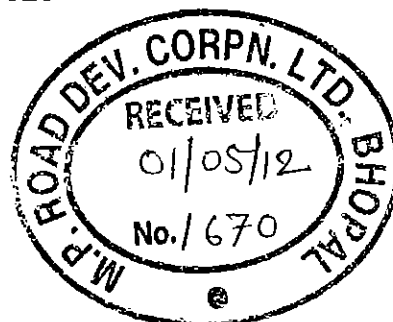
Firstly, we are pleased to inform and formally introduce "Sidhi Singrauli Road Project Limited" ("SSRPL"), a private limited company, incorporated under the provisions of the Companies Act, 1956 as the Special Purpose Vehicle ("SPV") company, which shall be executing the Concession Agreement with NHAI for the Project, awarded to us as the successful bidder.

The Registered Office address of Sidhi Singrauli Road Project Limited is as under:

Sidhi Singrauli Road Project Limited,  
2<sup>nd</sup> Floor, Centric Plaza, Plot No. 8, Pocket -4,  
Sector II, Dwarka,  
New Delhi - 110075  
Tel - 011-49272300  
Fax - 011-45665450

Correspondence Address is as under:

Sidhi Singrauli Road Project Limited  
Orbit Plaza, 5<sup>th</sup> Floor, Plot No. 952/954, New Prabhadevi Road,  
Prabhadevi, Mumbai 400025  
Tel - 022-67487274  
Fax - 022-67487201



Handwritten initials 'KS'

Handwritten 'M(S)' with a signature



# GAMMON INFRASTRUCTURE PROJECTS LIMITED

206

Further, we would like to draw your attention to Clause 33.2.1 of Volume-I of the draft Concession Agreement and Schedule T (Panel of Chartered Accountants) whereby the appointment of Statutory Auditor has to be carried out in accordance with the provisions of the Concession Agreement. However, in order to comply with the provisions of the Companies Act, the Statutory Auditor is required to be appointed within thirty days from the incorporation of the Company.

Accordingly for statutory compliance purposes, we request you to provide us with the list of Panel of Chartered Accountants so that we can engage any one from the list as the statutory auditor of the company.

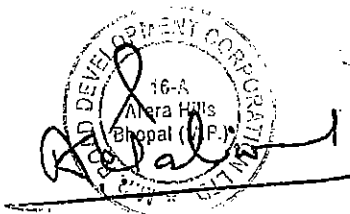
Thanking You,

Yours faithfully,  
For **Gammon Infrastructure Projects Limited**

Kshitiz Bhasker  
Head – Business Development

Encl:

1. Copy of Memorandum and Articles of Association, Certification of Incorporation, Share holding pattern of Sidhi Singruli Road Project Limited.
2. Statement providing details of the Directors of SSRPL.
3. Letter of Undertaking as per clause 4.1.3(g) of the Draft Concession Agreement.



207



प्रारूप 1

## पंजीकरण प्रमाण-पत्र

कॉर्पोरेट पहचान संख्या : U74999DL2012PLC234738

2012 - 2013

मैं एतद्वारा सत्यापित करता हूँ कि मैसर्स

SIDHI SINGRAULI ROAD PROJECT LIMITED

का पंजीकरण, कम्पनी अधिनियम 1956 (1956 का 1) के अंतर्गत आज किया जाता है और यह कम्पनी लिमिटेड है।

यह निगमन-पत्र आज दिनांक चौबीस अप्रैल दो हजार बारह को दिल्ली में जारी किया जाता है।

Form 1

## Certificate of Incorporation

Corporate Identity Number : U74999DL2012PLC234738

2012 - 2013

I hereby certify that SIDHI SINGRAULI ROAD PROJECT LIMITED is this day incorporated under the Companies Act, 1956 (No. 1 of 1956) and that the company is limited.

Given at Delhi this Twenty Fourth day of April Two Thousand Twelve.

Validity unknown  
Digitally signed by Registrar of Companies  
Date: 2012.04.24 10:32:38  
GMT+05:30

Registrar of Companies, National Capital Territory of Delhi and Haryana

कम्पनी रजिस्ट्रार, राष्ट्रीय राजधानी क्षेत्र दिल्ली एवं हरियाणा

\*Note: The corresponding form has been approved by P SHEELA, Deputy Registrar of Companies and this certificate has been digitally signed by the Registrar through a system generated digital signature under rule 5(2) of the Companies (Electronic Filing and Authentication of Documents) Rules, 2006.  
The digitally signed certificate can be verified at the Ministry website ([www.mca.gov.in](http://www.mca.gov.in)).

कम्पनी रजिस्ट्रार के कार्यालय अभिलेख में उपलब्ध पत्राचार का पता :

Mailing Address as per record available in Registrar of Companies office:

SIDHI SINGRAULI ROAD PROJECT LIMITED

2ND FLOOR, CENTRIC PLAZA, PLOT NO. 8., POCKET - 4, SECTOR - 17, DWARKA

NEW DELHI - 110075,

Delhi, INDIA



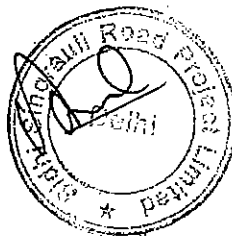
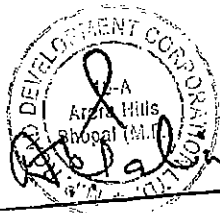
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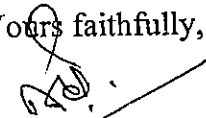
No. MPRDC/BOT/NH-75-E//2012/ 1462  
Bhopal, dated 03 May, 2012

M/s Gammon Infrastructure Projects Ltd.,  
Gammon House,  
Veer Savarkar Marg,  
Prabadevi, Mumbai  
Fax: 022-61114025

**Sub: Regarding Strengthening, Widening, Maintaining and  
Operating of four laning of Sidhi-Singrauli (NH-75E)  
Road on BOT basis**

This is in reference to your letter No. GIPL/SS/KM/NI/02 dated 30.04.2012, vide which it was informed that you have incorporated an SPV Company in the name and style of M/s Sidhi Singrauli Road Project Ltd., as Concessionaire for four laning of Sidhi-Singrauli (NH-75-E) Road. We have no objection for the Special Purpose Vehicle Company signing the Concession Agreement and executing the project. However, it must be ensured that it complies to the provisions of Draft Concession Agreement and Request for Proposal (RFP) Vol. I.



Yours faithfully,  
  
(Arun Paliwal)  
Dy. General Manager

# SIDHI SINGRAULI ROAD PROJECT LIMITED

209

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED BY THE BOARD OF DIRECTORS OF SIDHI SINGRAULI ROAD PROJECT LIMITED ON 8<sup>TH</sup> MAY, 2012

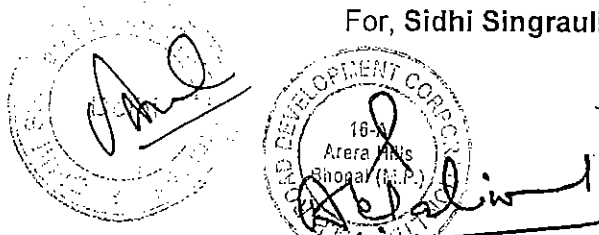
"Resolved that, in terms of the provisions of the Letter of Award, bearing no. MPRDC/S-S/NH-75E/BOT/2011/16088 dated 31<sup>st</sup> March, 2012, issued by the Madhya Pradesh Road Development Corporation Limited ("MPRDC") to Gammon Infrastructure Projects Limited ("GIPL"), awarding the project for four laning of Sidhi Singrauli section of National Highway No. 75E from km. 83/4 to km 195/8 in the State of Madhya Pradesh on design, build, finance, operate and transfer basis (the "Project"), the Company, being the special purpose vehicle promoted by GIPL to undertake and implement the Project, do execute with and deliver to the MPRDC the concession agreement, as per draft thereof received from the MPRDC, a copy whereof duly intialled by a director is placed before the Board ("the Concession Agreement") and the Company do perform the said Concession Agreement;

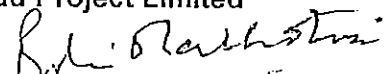
Resolved further that, Mr. Kishor Kumar Mohanty, authorised signatory, Mr. Parag Parikh, authorised signatory, Mr. Rajeevkumar Malhotra, Director, Mr. Neeraj Vijay, authorised signatory, Mr. Kshitiz Bhasker, authorised signatory, Mr. G. Sathis Chandran, authorised signatory, Mr. Saurabh Gupta, authorised signatory, Mr. Prakash Naik, authorised signatory, Mr. Amit Mokashi, authorised signatory & Mr. Sharad Joshi, authorised signatory (collectively the "Authorised Signatories") be and are hereby severally authorized to discuss, negotiate and finalise with the MPRDC the terms and conditions of the said Concession Agreement and execute the same (as may be finalized between the Company and the MPRDC, including any amendments therein/thereof) and also to sign and execute such other certificates, letters in connection with the execution of the Concession Agreement and deliver them to the MPRDC on behalf of the Company and a power of attorney may be issued to one or more of the Authorised Signatories in terms of this Resolution;

Resolved further that, the Common Seal of the Company, be affixed in the presence of any of the Authorised Signatories as a constituted attorney of the Company to the Concession Agreement, in accordance with Article 204 of the Articles of Association of the Company;

Resolved further that, a copy of this Resolution, certified to be the true copy by any one of the Directors of the Company be furnished to the MPRDC and or any other person or authority and it / they be requested to act thereupon."

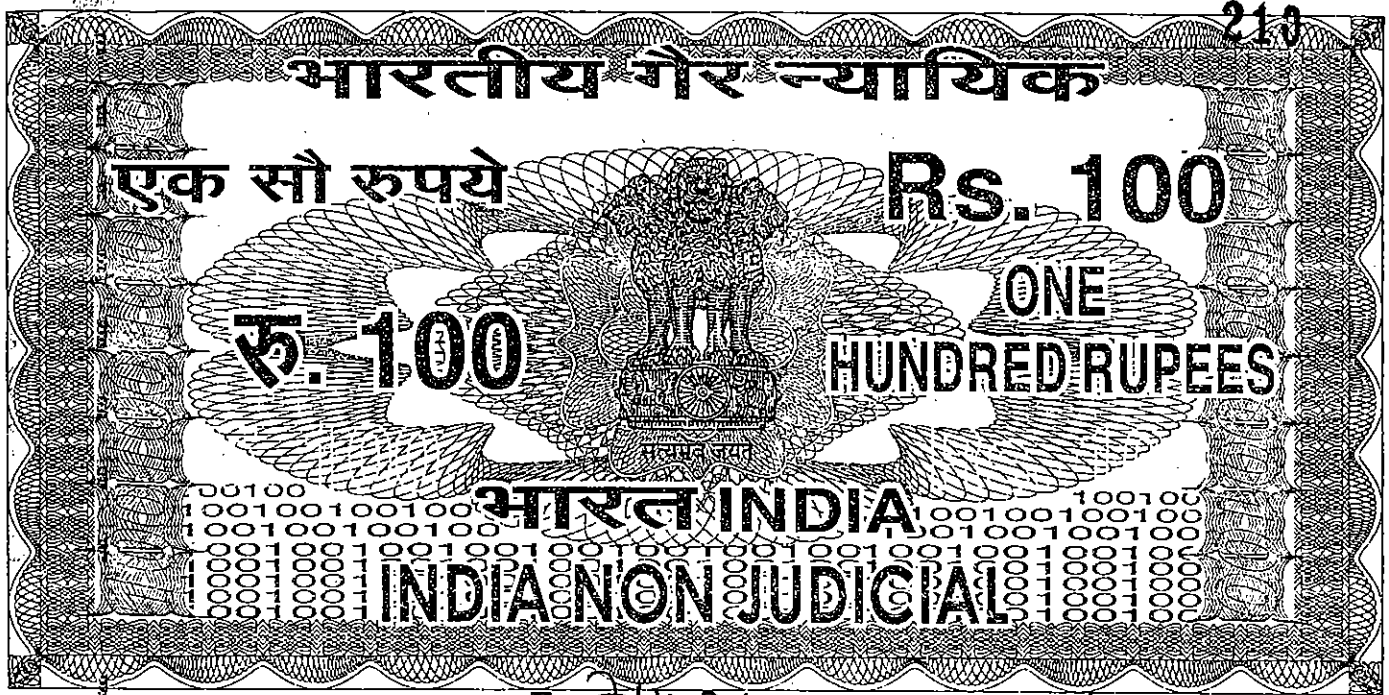
For, Sidhi Singrauli Road Project Limited



  
R. K. Malhotra  
Director

Registered Office : 2nd Floor, Centric Plaza, Plot No. 8, Pocket - 4, Sector - II, Dwarka - 110075  
Tel. : 91 - 11 - 49272300 • Fax : 91 - 11 - 45665460

Corporate Office : Orbit Plaza, 5th Floor, Plot No. 952/954, New Prabhadevi Road, Prabhadevi, Mumbai - 400 025. INDIA.  
Tel. : 91 - 22 - 6748 7200 • Fax : 91 - 22 - 6748 7201 • E-mail : info@gammoninfra.com  
Website : www.gammoninfra.com



महाराष्ट्र MAHARASHTRA

General Stamp Office, Mumbai  
V. No. 20

- 8 MAY 2012

Official Officer

क्र. : 75/ दिनांक :

विक्रेती सौ. ज्योती प्र. दु.

६, कोडाजी चाल नं.-२, पासुदेव पेंडणे

टाटा हॉस्पिटल जवळ, मुंबई - १२.

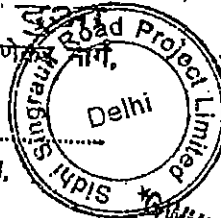
श्री/ श्रीमती

यांस न्यायिकेतर मुद्रांक पेपर विकला,

L.S.V. No. 205

FV 268714

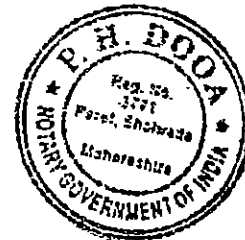
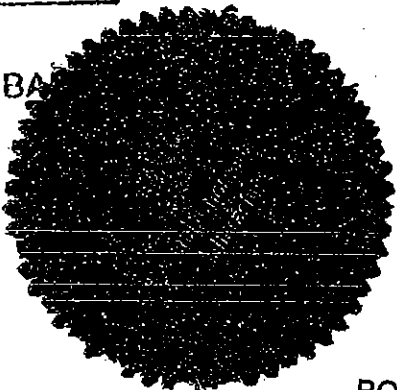
1 MAY 2012



स्टॅम्प वेंडर  
परेल, मुंबई

GAMMON HOUSE, VEER SAVARKAR MARG,  
PRAHADEVI, MUMBAI - 400 025

SHRI L. S. BA

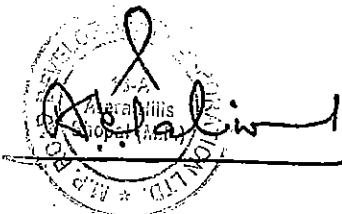


### POWER OF ATTORNEY

We, Sidhi Singrauli Road Project Limited, a company registered under the Companies Act, 1956, having its Registered Office at 2<sup>nd</sup> Floor, Centric Plaza, Plot No. 8, Pocket - 4, Sector - 11, Dwarka, New Delhi - 110 075, (the "Company") do hereby appoint Mr. Amit Mokashi, Senior Manager, Road Projects, Gammon Infrastructure Projects Limited, Indian Inhabitant, aged 37 years, residing at Nehru Nagar Nilgiri Co-Op Hsg Society, 101/3510, Nehru



- 1 -

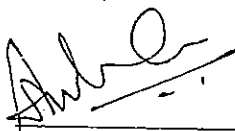


Nagar, Kurla(East), Mumbai 400 024, whose specimen signature is appended hereto to be the true and lawful attorney of the Company to do in our name and of our behalf, all such acts, deeds and things necessary in connection with or incidental to the signing and submission of Concession Agreement with the Madhya Pradesh Road Development Corporation Limited.

This Power of Attorney shall stand cancelled upon expiry of 6 months from the date of issue hereof.

Dated this 11<sup>th</sup> day of MAY, 2012

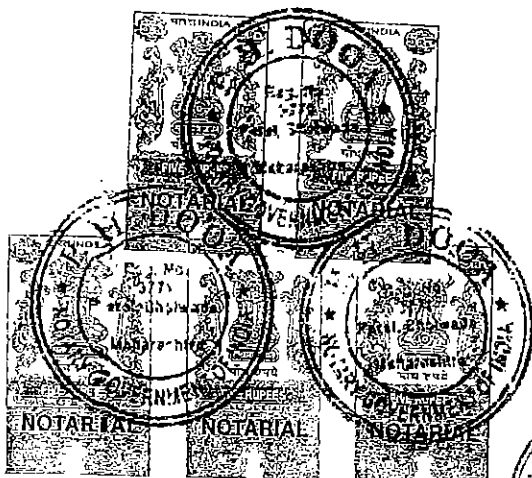
I accept:



Specimen Signature of the Attorney,  
**Mr. Amit Mokashi**



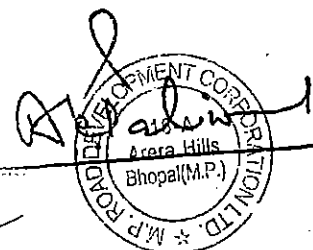
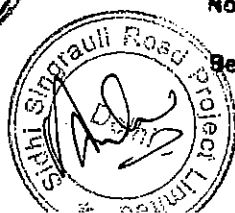
EXECUTED BY Sidhi Singrauli Road Project }  
Limited, the Company within named, under its }  
Common Seal, which is hereunto affixed pursuant to }  
the Resolution passed by the Board of Directors of the }  
Company on the 8<sup>th</sup> May, 2012 in the presence of }  
Mr. R. K. Malhotra, Director of the Company, who has }  
signed these presents in token thereof. }

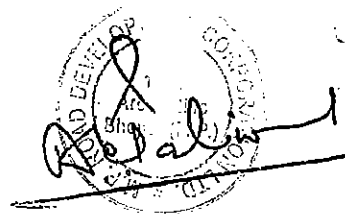
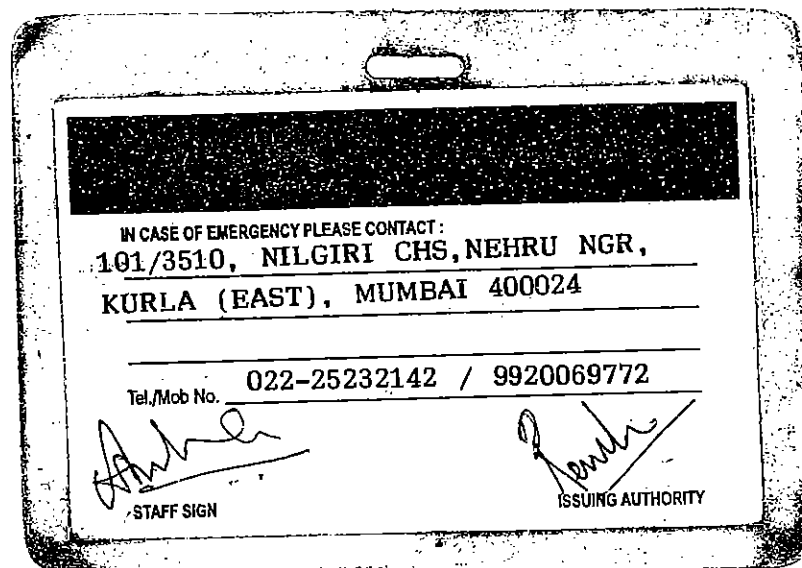
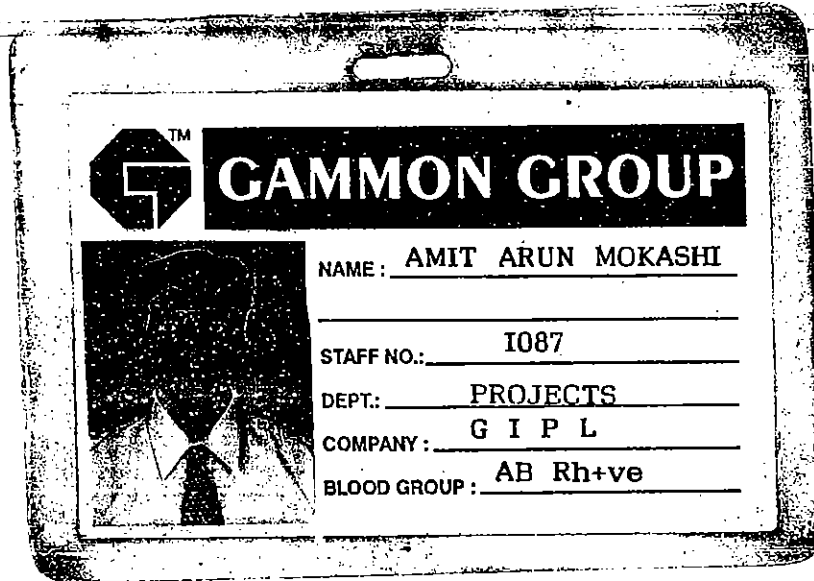
Before me

**PRAKASH H. DOOA**  
B.A.L.L.B.

- 2 -  
Advocate High Court,  
Notary Government of India.  
8, Kondaji Bldg. No. 3,  
Behind Tata Hospital. Parol.  
Mumbai-400012.







**SCHEDULES TO THE CONCESSION  
AGREEMENT**

**FOR**

**DEVELOPMENT OF**

**FOUR LANING OF SIDHI-SINGRUALI**

**(NH-75-E) ROAD**

**EXECUTED WITH**

**M/S SIDHI SINGRUALI ROAD PROJECT**

**LTD., NEW DELHI**

**ON 14<sup>th</sup> May, 2012**

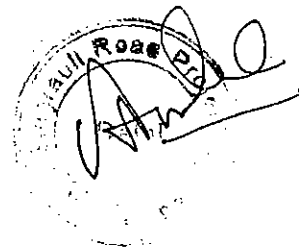
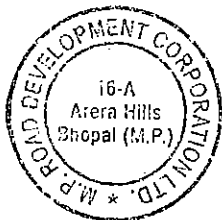


**Madhya Pradesh Road Development Corporation Ltd.**  
**16-A, Arera Hills, Bhopal – 462 011**  
**Tel: 0755-2765196, 2765205, 2765213, 2765216**  
**Fax: 0755-2572643**  
**Website: [www.mprdc.nic.in](http://www.mprdc.nic.in)**

**SCHEDULES TO CONCESSION AGREEMENT FOR SIDHI-SINGRAULI (NH-75-E) ROAD ON BOT BASIS**

**I N D E X**

<b>Schedule</b>	<b>Particulars</b>	<b>Page No.</b>
A	Site of the Project	01-24
B	Development of Project Highway	25-58
C	Project Facilities	59-64
D	Manual for Specifications and Standards	65-66
E	Applicable Permits	67
F	Performance Security	68-71
G	Project Completion Schedule	72-73
H	Drawings	74-75
I	Tests	76-77
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N	Weekly Traffic Census	95-96
O	Traffic Sampling	97-98
P	Selection of Independent Engineer	99-100
Q	Terms of Reference for Independent Engineer	101-108
R	Fee Notification	109-110
S	Escrow Agreement	111-127
T	Selection Criterion of Statutory Auditor	128-129
U	Vesting Certificate	130-131
V	Substitution Agreement	132-145

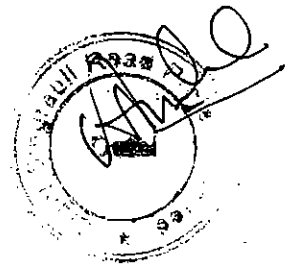
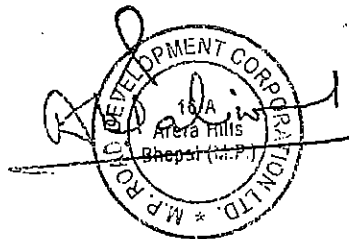


**SCHEDULE-A**  
(See Clause 10.1)

1

**SITE OF THE FOUR LANE PROJECT HIGHWAY****1 THE SITE**

- 1.1 Site of the Four-Lane Project Highway shall include the land, buildings, structures and road works as described in **Annex-I** of this **Schedule-A**.
- 1.2 An inventory of the Site including the land, buildings, structures, road works, trees and any other immovable property on or attached to the Site shall be prepared jointly by the Authority Representative and the Concessionaire and such inventory shall form part of the memorandum referred to in Clause 10.3.1 of the Agreement.
- 1.3 Additional land required for Toll Plazas, [Traffic Aid Posts, Medical Aid Posts and vehicle rescue posts or for] construction of works specified in Change of Scope Order issued under clause 16.2.3 of this agreement shall be acquired in accordance with the provisions of clause 10.3.6 of this Agreement. Upon acquisition, such land shall form part of the Site and vest in the Authority.



**Annex - I**  
**(Schedule-A)**  
**Site for Four-Lanning**

**1.1 The Site**

The project road is a part of NH-75E connecting Sidhi to Singrauli. The Project road is the stretch between Km. 83/4 & start at end of Sidhi Bypass and terminates at Km. 195/8 of NH-75E near MP/UP Border in Madhya Pradesh, is 2 lane road of average carriageway of 7.0m which has been planned for "Four-laning with paved shoulder" (the "Project") through public- private partnership on Design, Build, Finance, Operate and Transfer (the "DBFOT") basis. The land, carriageway and structures comprising the Site are described below. Existing length of Project is 112.2 Kms.

**1.2 Description of the Project Highway**

The project highway is 2-lane and the road is passing through the built up areas of towns and villages enroute. Important villages along the alignment are Bargawa, and Gorbi.

**1.2.1 Referencing System**

Kilometer stones are existing in entire length of the project highway. It is called the "Existing Chainage". During topography survey with Total Station, observations made are referred to "Design Chainage". The relationship between the "Existing Chainage" and the "Design Chainage" as per field surveys of the location of existing km stones using the Total Station for the "Project Highway" is given at Appendix A-I. Existing length of project is 112.2 Km & design length is 102.6 Km.

**1.3 Land**

The Details of existing ROW & proposed ROW are at Appendix A-II.

**1.4 Railway level crossing: -**

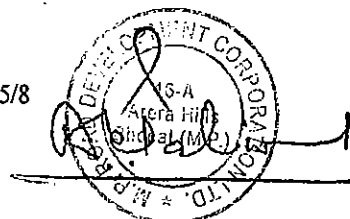
1.4.1 There are two level crossings on existing project road i.e. At Km.170/6 and Km.179/2.

1.4.2 There are two existing Railway under Bridges at Km. 185/8 and Km. 189/4.

1.4.3 There is no existing vehicular/pedestrian underpass on the existing project road.

**1.5 Structures**

There is 3 major bridges, 31 minor bridges, 72 Slab, 128 Hume Pipe in the existing alignment of the project road. The detail of existing major, minor bridges and existing slab & pipe culvert are shown in Table A-1.



**Table A – 1**

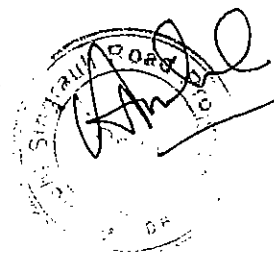
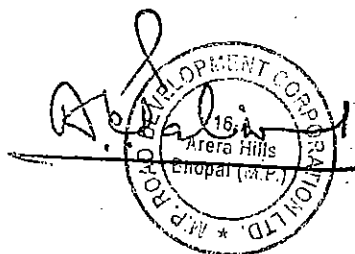
Type	Hume Pipe Culvert	RCC Slab Culvert	Stone Slab / Arch Culvert	Minor Bridges	Major Bridges	RUB
Existing Structure	128	72	03	31	03	02

An inventory of the existing structures is at **Appendix – A-III.**

## 2.0 Facilities

An inventory of the existing facilities is at **Appendix A-IV to A-VII.**

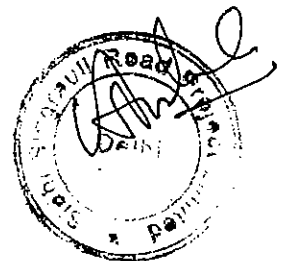
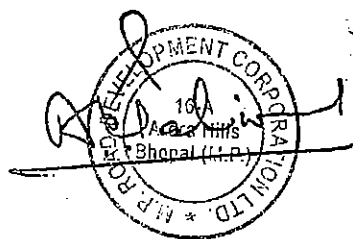
- 2.1 Existing at grade junction details are given in Appendix A-IV.
- 2.2 Existing truck lay bye & bus lay bye are nil given in Appendix AV.
- 2.3 Existing grade separated structures, ROB and Underpasses are nil given in Appendix AVI & AVII.



Annex – II  
(Schedule-A)

SITE OF THE SIX-LANING

There is no site for six lanning on this project.

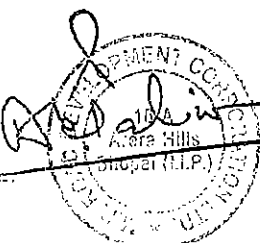


Appendix A-I**DESIGN CHAINAGE CORRESPONDING TO EXISTING CHAINAGE**

Existing Chainage	Design Chainage	
83/4	082+400.00	
84/6	83+650.00	Realignment
85/6	84+650.00	
86/6	85+650.00	
87/6	86+650.00	
88/6	87+650.00	
89/6	88+650.00	
90/6	89+650.00	
91/4	90+550.00	Realignment
93/10	92+800.00	
93/8	93+700.00	Realignment
98/2	96+900.00	
98/6	97+250.00	Realignment
98/10	97+550.00	
99/8	98+550.00	
100/6	99+300.00	Realignment
101/6	100+550.00	
102/4	101+050.00	Realignment
103/2	101+750.00	
104/2	102+750.00	
104/6	103+000.00	Realignment
105/2	103+650.00	
105/6	103+950.00	Realignment
105/10	104+200.00	
106/4	104+600.00	Realignment
106/10	105+300.00	
107/10	106+300.00	
108/8	107+100.00	Realignment
108/10	107+300.00	
109/10	108+300.00	
	109+300.00	Bypass Behri
	110+300.00	Bypass Behri
113/2	111+300.00	
114/10	112+300.00	
115/4	112+750.00	Realignment
121/10	117+650.00	
122/2	117+950.00	Realignment
122/6	118+450.00	

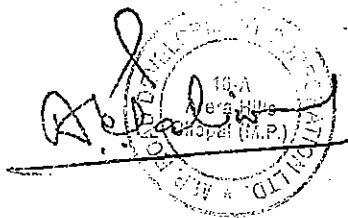


Existing Chainage	Design Chainage	
	119+450.00	Bypass Karthua
	120+450.00	Bypass Karthua
126/2	121+450.00	
126/6	121+950.00	Realignment
127/2	122+350.00	Realignment
128/4	123+650.00	
128/6	123+900.00	Realignment
129/2	124+300.00	
129/4	124+550.00	Realignment
130/4	125+200.00	
130/6	125+550.00	Realignment
134/8	129+300.00	
135/8	130+300.00	
136/8	131+300.00	
137/8	132+300.00	
138/8	133+300.00	
139/8	134+300.00	
140/8	135+300.00	
141/8	136+550.00	Realignment
142/8	137+200.00	
143/8	138+550.00	Realignment
144/2	145+300.00	
145/10	146+300.00	
146/10	147+300.00	
147/10	148+300.00	
148/10	149+300.00	
149/10	150+178.00	Realignment
150/4	150+600.00	
150/8	150+750.00	Realignment
151/10	151+000.00	
152/10	152+000.00	
153/10	153+000.00	
154/10	154+700.00	Realignment
170/10	161+200.00	
171/2	162+550.00	Realignment
171/4	162+950.00	
172/4	163+250.00	Realignment
172/6	163+500.00	
173/6	164+500.00	
174/6	165+500.00	
175/6	166+500.00	
176/6	167+500.00	
177/6	168+500.00	



7

Existing Chainage	Design Chainage	
178/6	169+500.00	
179/4	170+100.00	Realignment
180/2	170+900.00	
181/8	172+000.00	Realignment
182/10	172+250.00	
182/8	172+850.00	Realignment
186/10	176+100.00	
187/8	177+950.00	Realignment
191/4	179+300.00	
191/8	179+750.00	Realignment
192/6	181+500.00	
192/10	181+950.00	Realignment
193/8	182+600.00	
194/6	183+150.00	Realignment
194/8	183+700.00	
195/8	184+896.00	




Appendix A-II**EXISTING RIGHT OF WAY**

Sr. No.	Existing Km chainage		Length (km)	Width of Existing Row (m)	Proposed width ROW (m)	Existing Width of Road	NAME OF VILLAGE ALONG CORRIDOR
	From (km)	to (km)					
1	83/4	84/8	1.80	25	60	5.50	-
2	84/8	84/10	0.20	25	60	5.50	Hadbado
3	84/10	85/8	0.80	25	60	5.50	-
4	85/8	85/10	0.20	25	60	9.00	Harbado
5	85/10	86/2	0.20	25	60	9.00	-
6	86/2	88/6	2.40	25	60	9.00	-
7	88/6	88/10	0.40	25	60	9.85	Shivpurva
8	88/10	89/8	0.80	25	60	9.80	-
9	89/8	90/8	1.00	25	60	9.80	
10	90/8	90/10	0.20		60	10.00	
11	90/10	91/4	0.45	25	40	5.50	Kuchwahi
12	91/4	92/6	1.20	25	60	5.50	-
13	92/6	92/8	0.20	25	60	5.50	Sihaval
14	92/8	93/2	0.40	25	60	5.50	-
15	93/2	93/4	0.20	25	60	5.50	Rajdiya
16	93/4	93/6	0.20	25	60	5.50	-
17	93/6	93/8	0.20	25	60	5.50	Tenduha
18	93/8	94/4	0.60	25	60	5.50	
19	94/4	94/10	0.60	25	60	5.50	Tenduha
20	94/10	95/2	2.00	25	60	5.50	-
21	96/10	98/2	1.20	25	45	5.50	Kubri
22	98/2	98/8	0.60	20	45	5.50	Kubri
23	98/8	100/2	1.40	20	60	5.50	
24	100/2	102/4	2.20	20	45	5.50	BHITRI
25	102/4	103/4	1.00	20	60	5.50	-
26	103/4	103/6	0.20	22	60	5.50	-
27	103/6	107/4	3.80	25	60	5.50	-
28	107/4	107/8	0.40	25	60	5.50	MATCHARI
29	107/8	108/2	0.40	25	60	5.50	PAIGAMA
30	108/2	108/10	0.80	25	60	5.50	
31	108/10	109/2	0.20	25	60	5.50	PAIGAMA
32	109/2	110/6	1.40	25	60	5.50	-
33	110/6	111/2	0.60	25	60	5.50	CHANDWAHI
34	111/2	111/6	0.40	25	60	5.50	
35	111/6	113/8	2.40	25	60	5.50	BEHRI
36	113/10	117/8	3.80	25	60	5.50	-
37	117/8	118/8	1.00	25	60	5.60	ANDIHA

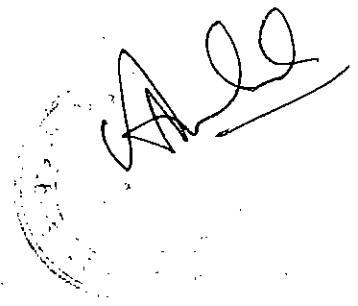
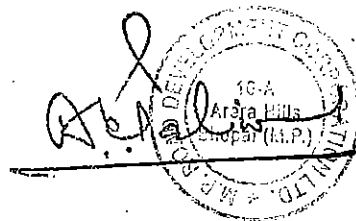
Four Laning of Sidhi-Singrauli of NH -75E km 83/4 to km 195/8

Handwritten signature and official stamp of the project engineer.

Sr. No.	Existing Km chainage		Length (km)	Width of Existing	Proposed width ROW	Existing Width of Road	NAME OF VILLAGE ALONG
38	118/8	118/10	0.20	25	60	5.60	JHOKA
39	118/10	119/6	0.60	25	60	5.60	-
40	119/6	120/6	1.00	25	60	5.50	-
41	120/6	121/4	0.80	15	60	5.50	-
42	121/6	121/6	0.20	20	60	5.50	-
43	121/6	123/2	1.60	20	60	5.50	-
44	123/2	124/8	1.60	25	60	5.50	-
45	124/8	125/4	0.60	25	60	5.50	KARTHUWA
46	125/4	133/4	8.00	25	60	5.50	-
47	133/4	133/6	0.20	25	60	5.50	CHAUARADA
48	133/6	135/2	1.60	25	60	5.50	-
49	135/2	136/4	1.20	25	60	5.50	JIYAWAN
50	136/4	136/10	0.60	30	60	5.50	-
51	136/10	139/4	2.40	35	45	5.50	DEUSAR
52	139/4	139/8	0.40	35	45	5.50	
53	139/8	139/10	0.20	35	45	5.50	
54	139/10	140/4	0.40	35	45	5.50	DEUSAR
55	140/4	141/8	1.40	35	60	5.50	-
56	141/8	142/2	0.40	25	60	5.50	JOGINI
57	142/2	142/4	0.20	30	60	5.50	
58	142/4	143/4	1.00	35	60	5.50	
59	143/4	144/8	1.40	35	60	6.00	-
60	144/8	144/10	0.20	30	60	5.50	-
61	144/10	145/6	0.60	20	60	5.50	-
62	145/6	145/8	0.20	25	60	5.50	-
63	145/8	146/6	0.80	30	60	5.50	-
64	146/6	153/4	6.80	25	60	5.50	-
65	153/4	155/2	1.80	25	60	5.50	PETHADAD
66	155/2	157/8	2.60	25	60	5.50	URGHARI
67	157/8	159/2	1.40	25	60	5.50	DHODAV
68	159/2	160/2	1.00	25	60	5.50	-
69	160/2	160/10	0.80	25	60	5.50	BARI
70	160/10	161/2	0.20	25	60	5.50	BARGAWA
71	161/2	162/8	1.80	22	60	5.50	
72	162/8	164/2	1.20	22	60	7.00	
73	164/2	165/2	1.00	30	60	7.00	-
74	165/2	165/10	0.80	25	60	7.00	BARGAWA
75	165/10	166/4	0.40	15	60	7.00	
76	166/4	168/2	1.80	30	60	7.00	
77	168/2	168/10	0.80	25	60	7.00	BADOKHAR
78	168/10	169/10	1.00	30	60	7.00	
79	169/10	171/8	1.80	30	60	7.00	UDWALI

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Sr. No.	Existing Km chainage		Length (km)	Width of Existing	Proposed width ROW	Existing Width of Road	NAME OF VILLAGE ALONG
80	171/8	172/10	1.20	30	60	7.00	
81	172/10	175/2	2.20	35	45	7.00	KESCAGATE
82	175/2	177/2	2.00	30	60	7.00	MAHDEIYA
83	177/2	177/8	0.60	25	60	7.00	
84	177/8	178/4	0.60	12	45	7.00	GORBI
85	177/10	178/2	0.20	12	60	7.00	
86	178/6	179/4	0.80	20	60	7.00	
87	179/4	180/8	1.40	20	60	7.00	
88	180/8	181/4	0.60	25	60	7.00	
89	181/4	181/10	0.60	20	60	7.00	SINGRAULI
90	181/10	183/6	1.60	20	60	7.00	
91	183/6	184/4	0.80	20	60	7.00	SINGRAULI
92	184/4	185/6	1.20	35	60	7.00	
93	185/6	186/8	1.20	35	45	7.00	
94	186/8	187/6	0.80	35	45	5.70	
95	187/6	187/10	0.40	35	45	5.70	SINGRAULI
96	187/10	188/8	0.80	25	45	5.50	
97	188/8	189/10	1.20	25	60	5.50	MORBA
98	189/10	190/4	0.40	30	60	5.50	MORBA
99	190/4	190/8	0.40	15	60	5.50	MORBA
100	190/8	191/6	0.80	15	60	5.50	
101	191/6	195/6	4.00	25	60	5.50	
Total			102.60				

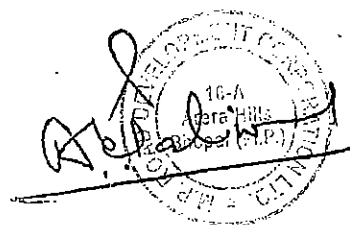


**Appendix A-III**

Existing Major Bridges				
Sn	Existing Chainage	Type of Structure	Opening	Existing width of Structure (m)
1	116/4	Slab	15 x 14.40	6.10
2	134/10	T-Beam	4 x 18.3	8.4
3	124/10**	T-Beam	3 x 20	-

Existing Minor Bridges						
Sn	Existing Km	Details of Existing Structure				
		Type of Structure	Opening (m)			Width of Structure (m)
1	80/6	RCC Slab	1	x	10	8.45
2	82/8	Slab	3	x	5.7	8.35
3	88/4	Slab	2	x	8.1	8.35
4	91/4	Slab	3	x	4.6	8.25
5	92/4	Slab	3	x	5.4	8.2
6	94/6	Slab	2	x	7.4	8.6
7	97/2	Slab	1	x	6.85	8.4
8	100/10	Slab	2	x	6	8.3
9	102/2-1	R.C.C Slab	2	x	3.50	8.4
10	107/8	Slab	3	x	7.15	8.25
11	109/4	Slab	2	x	3.55	8.4
12	110/8	Slab	3	x	7.15	8.25
13	127/6	Slab	2	x	2.4	
14	127/10	Slab	2	x	4.6	8.2

15	128/4	Slab	2	x	3.3	8.3
16	141/8-10	Slab	3	x	8.45	8.3
17	145/10	Slab	5	x	6.3	8.2
18	152/2	Slab	6	X	6.1	8.2
19	155/4	Slab	2	x	4.9	8.1
20	156/2	RCC Slab	1	x	7.1	8.3
21	156/10	RCC Slab	2	x	3.55	8.3
22	158/4	RCC Slab	1	x	7	8.2
23	158/8	Slab	3	x	5.6	8.3
24	162/6	Slab	4	X	7.9	8.7
25	171/10	Slab	1	x	7.9	8.4
26	175/4	Box Type	6	x	3.6	8.4
27	178/2	Slab	3	x	7.7	8.3
28	179/2	RCC T Beam	1	X	15.2	8.5
29	183/4	Slab	3	X	4.5	8.4
30	186/4	Slab	2	X	10.8	8.4
31	191/2	Slab	10	X	4.6	8



Existing Culverts							
Sr. No	Existing Km	Type of Structure	Details of Existing Structure				
			Opening			Width of Structure	
1	80/6	HPC	1	X	1000	9.35	
2	80/10	HPC	1	X	300	9.8	
3	81/2	Slab	1	X	1.10	10.35	
4	81/4-1	HPC	0	X	0	9.5	
5	81/4-2	Slab	1	X	2	10.2	
6	81/10	Slab	1	X	1	8.3	
7	82/4	Slab	1	X	1	10.2	
8	83/2	HPC	1	X	1000	15.1	
9	84/1	Slab	1	X	1.15	9.2	
10	84/2	HPC	1	X	1000	11.00	
11	84/8	Slab	1	X	1.85	10.2	
12	85/2	Slab	1	X	1.15	10.15	
13	85/4-1	Slab	1	X	1	11.35	
14	84/4-2	Slab	1	X	1.2	10.1	
15	85/8	HPC	1	X	1000	15.8	
16	85/10	HPC	1	X	1000	15	
17	82/2	HPC	1	X	1000	15.3	
18	86/6	HPC	3	X	1000	10.2	
19	87/10-1	Cut Stone	1	X	1	11.1	
20	87/10-2	HPC	1	X	1000	25.2	
21	88/2	Slab	1	X	1.2	10.2	
22	88/6	HPC	1	X	700	12.25	
23	88/10	HPC	1	X	1000	15.75	
24	89/4	HPC	2	X	1000	15.1	



25	89/8	HPC	3	X	1000	20.5
26	90/2-1	HPC	1	X	1000	12.35
27	90/2-2	HPC	1	X	1000	12.35
28	90/4	HPC	1	X	1000	15.4
29	90/8	HPC	1	X	1000	15.1
30	90/10	HPC	1	X	1000	12.2
31	91/6	Slab	1	X	1	10
32	93/2	HPC	1	X	300	10.3
33	93/4	Slab	1	X	1.15	10.2
34	93/8	HPC	1	X	500	10.2
35	93/10	Slab	1	X	1.15	10.1
36	94/2	HPC	1	X	1000	10.25
37	95/6	HPC	1	X	1.15	10.1
38	95/10	Slab	1	X	4.2	8.15
39	96/4	Slab	1	X	3.6	8.2
40	96/8	Slab	1	X	1.15	10.15
41	98/6	HPC	1	X	1000	9
42	98/10	Slab	1	X	3	8.45
43	99/2	Slab	1	X	1.6	8.3
44	99/6	Slab	2	X	2.8	8.3
45	99/10	Slab	1	X	1.7	8.4
46	100/2	Slab	1	X	2.95	8.2
47	100/6	Slab	1	X	1.2	8.4
48	100/10-1	HPC	1	X	600	10.25
49	101/2-1	HPC	1	X	1000	10
50	101/4	Slab	1	X	2.35	8.3
51	101/6	HPC	1	X	1000	10.2
52	101/6-2	Slab	1	X	2.6	8.1
53	101/10	Slab	1	X	1.7	8.3
54	102/2-2	HPC	1	X	600	10.2
55	102/4	HPC	1	X	600	10.2

56	102/6	HPC	2	X	600	10.2	
57	102/8	HPC	1	X	1000	10	
58	103/2	Slab	1	X	5.85	8.4	
59	103/4-1	HPC	1	X	1000	15.3	
60	103/4-2	HPC	1	X	1000	10.2	
61	103/6-1	HPC	1	X	1000	15.2	
62	103/6-2	HPC	1	X	1000	10.2	
63	103/8	HPC	1	X	1000	10.2	
64	103/10	HPC	1	X	1000	10.2	
65	104/2	HPC	2	X	1000	10.2	
66	105/2	HPC	1	X	1000	15.1	
67	105/6	HPC	1	X	1000	15.1	
68	108/6	Slab	1	X	3	8.3	
69	108/10	Slab	2	X	2.3	8.2	
70	109/4	Slab	2	X	2.9	8.4	
71	110/8-2	HPC	1	X	1000	11.4	
72	111/6	HPC	2	X	1000	10.2	
73	111/8	HPC	2	X	1000	10.2	
74	112/2	Slab	1	X	3	8.3	
75	112/10	HPC	1	X	1000	15.1	
76	114/2	HPC	2	X	1200	18	
77	115/2	HPC	1	X	1000	12.4	
78	115/10	HPC	1	X	1000	15.2	
79	116/10-2	HPC	1	X	1000	12.45	
80	116/10-2	HPC	2	X	1000	12.45	
81	116/10-3	HPC	1	X	600	12.41	
82	117/2	HPC	2	X	1000	14.35	
83	117/8	HPC (Skew)	1	X	1200	14.6	
84	117/10	HPC	1	X	1200	12.5	
85	119/10	HPC	1	X	1000	15.2	
86	120/4	HPC	1	X	1000	15.2	
87	121/4	HPC	1	X	600	12.6	

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88	121/4	HPC	1	X	1200	15.3
89	122/8	HPC	1	X	1000	11.2
90	123/2	HPC	1	X	1000	15.2
91	123/4-1	HPC	2	X	1000	12.8
92	123/4-2	HPC	1	X	1000	15.15
93	123/6	HPC	1	X	1000	15.4
94	124/6	HPC	2	X	600	11.2
95	125/2	HPC	2	X	600	11.1
96	125/4	Slab	1	X	1.8	8.3
97	125/6	Slab	1	X	1.8	8.3
98	125/10	HPC	1	X	600	9.9
99	126/2-1	HPC	1	X	1000	12.7
100	126/2-2	HPC	1	X	1000	12.5
101	126/4	HPC	1	X	1000	12.5
102	126/6	HPC	1	X	1000	15.1
103	126/6	Slab	1	X	1	10.35
104	127/2	Slab	1	X	2.4	8.4
105	127/6	Slab	1	X	.78	8.4
106	127/8	HPC	2	X	1000	11.2
107	127/10-1	HPC	1	X	1000	12.1
108	128/6	Slab	1	X	0.80	8.6
109	129/2	Slab	1	X	6	8.2
110	129/6-1	HPC	1	X	1000	15.2
111	129/6-2	Slab	1	X	0.80	11.4
112	129/8	HPC	1	X	100	15.2
113	129/10	Slab	1	X	0.80	8.2
114	130/10	Slab	1	X	0.80	10.1
115	131/4	HPC	1	X	1200	28.4
116	131/6-1	HPC	2	X	1200	28.4
117	131/8	HPC	1	X	1000	15.5
118	132/2	HPC	1	X	1200	12.65
119	132/6	HPC	1	X	1000	15.2

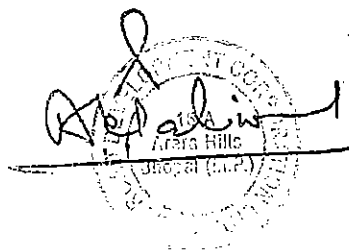
120	132/8	HPC	1	X	1000	15.2	
121	132/10	HPC	1	X	1200	15.2	
122	133/2	HPC	1	X	700	10	
123	133/6	Slab	1	X	1.15	10.2	
124	133/10	Slab	1	X	1.15	10.1	
125	136/2	HPC	1	X	1000	15.3	
126	137/8	HPC	1	X	700	12.6	
127	139/2	HPC	1	X	1000	12.6	
128	139/8	HPC	1	X	700	13.5	
129	140/10	Arch Bridge	1	X	3	6.1	
130	141/4	HPC	1	X	1000	11.8	
131	142/2	HPC	1	X	1000		
132	142/10	HPC	1	X	600	15.1	
133	143/6	Slab	1	X	1.15	8.1	
134	143/10	Slab	1	X	1000	14.9	
135	144/4	Slab	1	X	3	8.2	
136	144/6	HPC	1	X	1000	15.3	
137	144/10	HPC	1	X	1000	25.6	
138	145/6	HPC	1	X	1200	12	
139	145/8	HPC	1	X	1200	13.5	
140	145/10	HPC	1	X	1000	13.5	
141	146/2	Slab	1	X	0.80	8.2	
142	146/6	HPC	1	X	1200	15.3	
143	146/8	HPC	1	X	900	15.1	
144	147/6	HPC	1	X	900	15.1	
145	147/8	HPC	2	X	1000	18	
146	147/10	HPC	1	X	900	18	
147	148/2	HPC	1	X	900	12.8	
148	151/4	HPC	1	X	1200	15.3	
149	151/6	HPC	1	X	1200	15.3	
150	152/6	HPC	1	X	600	15	
151	152/10	HPC	1	X	6	15	

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152	153/8	HPC	1	X	600	9.8	
153	153/10	HPC	1	X	900	10	
154	154/2	Slab	1	X	2.3	8.1	
155	154/6	Slab	1	X	4.8	8.1	
156	154/10	HPC	1	X	900	10	
157	155/6	Slab	1	X	3.5	8	
158	156/4	HPC	1	X	900	14.6	
159	157/8	Slab	1	X	6.1	8.1	
160	157/10	HPC	1	X	600	12.6	
161	158/6	HPC	1	X	1000	12.7	
162	159/8	Slab	1	X	4.8	8.1	
163	160/10	Slab	1	X	4.3	8.1	
164	164/6	HPC	1	X	900	15	
165	165/4	HPC	1	X	900	18	
166	165/6	HPC	1	X	900	18	
167	166/8	HPC	1	X	900	18	
168	166/10	HPC	1	X	1000	18	
169	167/6	HPC	1	X	900	15	
170	167/10	HPC	1	X	900	15.2	
171	168/4	HPC	1	X	900	15	
172	169/8	HPC	2	X	900	15	
173	169/10	HPC	1	X	900	10.1	
174	170/6	Slab	1	X	1.2	7	
175	171/6	HPC	1	X	900	12.6	
176	171/10B	HPC	1	X	900	12.6	
177	171/10C	HPC	1	X	900	18.1	
178	173/6	Slab	1	X	6	12	
179	175/6	Slab	1	X	5.9	12	
180	176/4	HPC	1	X	1200	15	
181	178/10	HPC	1	X	1200	17.8	
182	178/10B	Slab	1	X	1.2	12.1	
183	179/8	Slab	1	X	4	12.1	

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184	181/4	HPC	1	X	1000	20	
185	182/2	Slab	1	X	6.10	12.1	
186	183/10	HPC	1	X	1000	25	
187	184/10	Rcc Arch	1	X	3	17	
188	186/2	Slab	1	X	2.8	12.25	
189	186/8	Slab	1	X	1.2	8.2	
190	186/10	Slab	1	X	1.75	10.3	
191	187/6	Slab	1	X	3.2	10.6	
192	189/10	Slab	1	X	4.6	10.6	
193	190/2	Slab	1	X	1.8	10.5	
194	190/6	Slab	1	X	3.2	10.6	
195	191/4	Slab	1	X	1.83	10.5	
196	191/10	Slab	1	X	1.9	10.6	
197	192/4	Slab	1	X	1.19	10.6	
198	192/8	Slab	1	X	2	10.8	
199	193/2	Slab	1	X	2.10	10.3	
200	193/8	Slab	1	X	1.9	10.2	
201	194/2	Slab	1	X	2	10.2	
202	194/4	Slab	1	X	3.2	10.2	
203	194/8	Slab	1	X	2	10.2	



**Appendix A-IV**

There are total 03 major & 34 minor junctions. The details of junctions are given in Table A-3.

**Table A – 3: Details of junctions**

Sr. No.	Location (Existing Chainage)	Location	Remarks	Type of Pavement Surface of joining Road	Junction Type	Type of Road SH/MDR/VR/PMGSY
				BT/WBM/CC/Earthen	Major/Minor	
1	84/10	Piprohar	T	BT	Minor	PMGSY
2	86/10	R/S Jamuniya	+	BT	Minor	PMGSY
3	88/10	L/S Madhwa , R/S Jamuniya	+	BT	Minor	PMGSY
4	91/2	R/S Chuhiya	T	BT	Minor	VR
5	92/10	Near Sihaval	T	BT	Minor	PMGSY
6	96/6	Near Kubri Village	T	BT	Minor	PMGSY
7	97/2	Kubri Village	T	BT	Minor	PMGSY
8	98/4	Kubri Village	T	BT	Minor	PMGSY
9	98/8	Kubri Village	+	BT	Minor	PMGSY
10	100/8	Bhitri	T	BT	Minor	VR
11	102/8	Near Bhitri	T	BT	Minor	PMGSY
12	111/8	Baheri Village	T	BT	Minor	PMGSY
13	111/10	Baheri Village	T	BT	Major	Connecting Road to Hanumana MDR
14	111/8	Baheri Village	T	BT	Minor	PMGSY
15	114/10	Sehaliya	T	BT	Minor	PMGSY
16	118/2	To Khurmcha	T	BT	Minor	PMGSY
17	123/10	Karthuja Village	T	BT	Minor	PMGSY
18	124/10	Karthuwa	Y	BT	Minor	VR
19	135/10	Jiyawaan	T	BT	Minor	PMGSY
20	139/8	Devsar	T	BT	Minor	PMGSY
21	142/8	Jogini	T	BT	Minor	PMGSY
22	151/10	Jhurai	T	BT	Minor	PMGSY
23	153/6	Pethadad	T	BT	Minor	PMGSY
24	159/8	Near Bari Village	T	BT	Minor	PMGSY
25	160/2	Bari Village	T	BT	Minor	PMGSY
26	161/8	Bargawan Village	T	BT	Major	MDR to Shakti Nagar & Vaidan

Four Laning of Sidhi-Singrauli of NH -75E km 83/4 to km 195/8

Sr. No.	Location (Existing Chainage)	Location	Remarks	Type of Pavement Surface of joining Road	Junction Type	Type of Road SH/MDR/VR/PMGSY
				BT/WBM/CC/Earthen	Major/Minor	
27	167/6	Bauokarh	T	BT	Minor	PMGSY
28	171/2	Udwaali	T	BT	Minor	PMGSY
29	172/4	Near Kasar Gate	+	BT	Minor	VR
30	173/4	To Kasar	T	BT	Minor	PMGSY
31	173/8	To Gangi	T	BT	Minor	PMGSY
32	179/2	Gorbi	T	BT	Minor	Road towards Northern Coal Limited
33	184/4	Singrauli	T	BT	Minor	Road towards Railway Station
34	186/4	Singrauli	T	BT	Minor	Road towards Coal Dipo
35	187/10	Singrauli city	T	BT	Major	City Link Road
36	188/4	Singrauli city	T	BT	Minor	VR
37	190/2	Morba	T	BT	Minor	VR

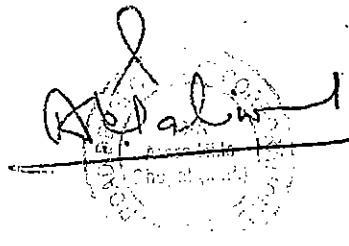
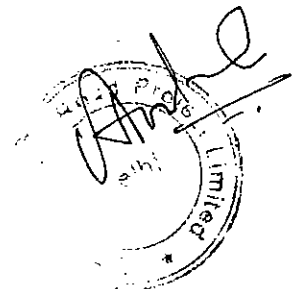
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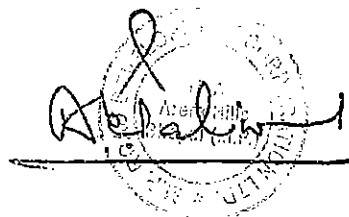
**EXISTING TRUCK LAYBYES**

NIL

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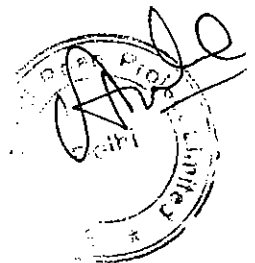
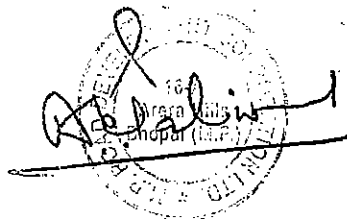
## GRADE SEPARATOR

NIL



ROBs

NIL



**SCHEDULE - B**  
(See Clause 2.1)**DEVELOPMENT OF THE PROJECT HIGHWAY****1. DEVELOPMENT OF THE PROJECT  
HIGHWAY**

Development of the Project Highway shall include construction of the Project Highway as described in this **Schedule-B** and in **Schedule-C**.

**2. [FOUR-LANING]**

**2.1** Four-Laning shall include construction of the [Four-Lane] Project highway as described in **Annex-I** of this **Schedule-B** and **Annex-I** of **Schedule-C**.

**2.2** Four Laning shall be undertaken and completed by the Concessionaire in conformity with the Specifications and Standards set forth in **Annex-I** of **Schedule-D**. (Manual of specifications and standards for four lane roads IRC-SP-84-2009).

Annex - I  
(Schedule-B)

## DESCRIPTION OF FOUR-LANING

## 1 Width of Carriageway &amp; Design Length

- 1.1 The paved carriageway shall be 17.5 meters wide excluding the median. The design length of the project is 102.60 Km. Having CH. 82+400 to CH. 184+896
- 1.2 Except as otherwise provided in this Agreement, but subject to the provisions of Annex-II of this Schedule-B, the width of the paved carriageway shall conform to clause 1.1 above.

## 2 Project Facilities

Project facilities shall be constructed in conformity with Annex-I of Schedule-C.

## 3 Specifications and Standards

The Project Highway shall be constructed in conformity with the Specifications and Standards specified in Annex-I of Schedule-D.

## 4 Other Features of four laning

## 4.1 Cross Sections

The Project Highway shall be widened to four lane dual configuration with paved shoulder as per Fig. 2.2 to Fig. 2.10 of Schedule 'D'. A typical cross section along with different types of cross section required to be developed in different segments of the project highway are indicated in Appendix BI.

## 4.2 Alignment Plan and Longitudinal Section

Alignment plan and geometrics are shown in Plan & Profile of project road. Vertical profile of the project Highway as shown in plan & profile is indicative. This will be finalized by Independent Engineer as per schedule 'D'. The realignment of existing road & geometric improvement of deficient curves as shown in Appendix-B II

## 4.3 Bypasses

Five bypasses has been proposed in the Project Highway. List of bypasses are given below: -

Sr. No.	Location (Km)		Length (Kms)	Remarks
	From	To		
1	88+450	89+400	0.95 Km.	Bypass to Kauchwahi Village due to Congestion
2	108+400	110+800	2.8 Km	Bypass at Behri Vilage due to congestion and
3	119+050	121+150	2.1 Km.	Bypass to Karthua Village due to Congestion
4	152+600	161+350	8.75 Km	Bypass to Bargawa Village & existing NH-75E to improve curve and congestion in village area

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

*(Signature)*  
18/11  
Bhopal (M.P.)

5	167+600	169+500	1.9 Km.	Bypass to Gorbi village to improve curve and congestion in village area.
	Total Bypass Length		16.50 km	

#### 4.4 Service Road

Service Roads in the length of 10 Km. are provided on both side at the place of built up area where local traffic movement required separate lane. Detail of which is given at **Appendix B III**. These stretches shall be constructed as per typical cross section fig. 2.6 of Schedule 'D'.

#### 4.5 Proposed Right of Way

The details of the Proposed ROW are 60 m & 45 m in built up area are given in **Appendix B IV**.

#### 4.6 At Grade Intersection

At grade intersections shall be provided at the intersection between main highway & service roads with proper exit & entry ramp. All intersecting roads at locations specified in **Appendix BV** for major intersections and in **Appendix BVI** for minor and other intersections.

#### 4.7 Reconstruction of existing two lane and construction of new four lane

##### 4.7.1 Reconstruction in rural, open country and Isolated Built up area: -

The length of 36.428 Km. in rural and open country of existing two lane shall be reconstructed & widened to four lane with paved shoulders as per cross-sections FIG. 2.4 of Schedule 'D' due to grossly deteriorated surface & expansive sub grade. This shall be done as per manual of standards & specifications Schedule 'D'.

##### 4.7.2 New Construction of Realignment & Bypass: -

New construction for realignment in the length of 39.672 Km. and bypasses at 5 places in a length of 16.5 Km. Thus total length of Bypass & realignment in a length of 56.172 Km. shall be constructed as per cross section Figure 2.4 of Schedule 'D'.

**4.7.3 Reconstruction widening with Service Road: -** The length of 10.0 Km. of existing two lane is reconstructed & widened to four lane with paved shoulders and service road as per cross-sections fig. 2.6 of Schedule 'D' due to grossly deteriorated surface & expansive sub grade. This shall be done as per manual of standards & specifications Schedule 'D'. The various chainages of reconstruction with service road of existing road are as follows:-

S No.	Name of Location	Start Point of Service Road (in km.)	End Point of Service Road (in km.)	Total Length (in Km.)	Remarks
1	DEUSAR	129+700	135+500	5.8	Reconstruction with service Road of 5.5 m.

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

S No.	Name of Location	Start Point of Service Road (in km.)	End Point of Service Road (in km.)	Total Length (in Km.)	Remarks
2	KASARGATE	163+600	166+100	2.5	Reconstruction with service Road of 5.5 m.
3	SINGRAULI	176+250	177+950	1.7	Reconstruction with service Road of 5.5 m.
<b>TOTAL</b>				<b>10.0</b>	<b>Kms.</b>

**4.8 Underpasses:**

**Vehicular underpass** with exit and entry ramp/ slip roads shall be provided at location given at **Appendix -BVII**

**4.9 Bridges/Culverts**

Bridges/Culverts as listed in **Appendix BVIII** shall be provided, widened, reconstructed, or extended. The summary table of structures proposed to be constructed is mentioned below:-

Structure	Hume Pipe Culvert	RCC Slab Culvert	RCC Box Culvert	Minor Bridges	Major Bridges
Widening + Repair and strength.	0	0	-	02	01
Reconstruction	0	0	-	03	-
New construction for bypasses /curve improvement & existing road	137	110	-	28	03
Abandoned	128	72	-	31	03

**Note:** - It is clarified that width of all Bridges & Culverts shall be extended up to end of service roads on both side on the location of built-up area mentioned in **Appendix B-III**

**4.10 ROB/RUB**

Details of ROB & RUBs to be provided are given at **Appendix B-IX**. Following points shall be taken care of:

- The proposed span arrangements of the ROB & RUBs are tentative and subject to change as per availability of railway boundaries/ requirement of the railway and as per GAD approved by Railways.
- ROBs & RUBs shall be designed, constructed and maintained as per the requirements of Railway authorities. The construction plans & GAD shall be prepared in consultation with the concerned railway authority.
- The ROB & RUBs shall be constructed and maintained by the concessionaire under supervision of the Railways.
- All expenditure related to construction, maintenance and supervision of ROB & RUBs (except P&E charges) shall be borne by the Concessionaire.

v) Three four lane ROB's has been proposed at Km 155+700, Km. 167+550 and Km. 175+900

vi) One four Lane RUB has been proposed at Km. 178+700.

#### 4.11 Entry /exit ramps

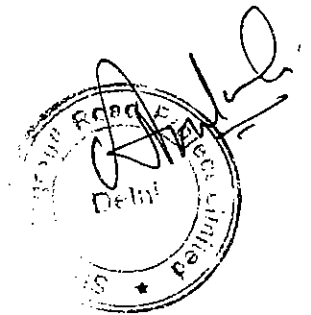
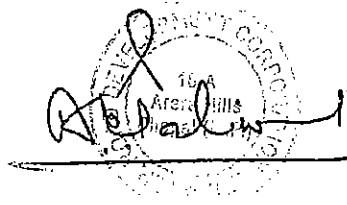
Entry /exit ramps for entering into or exiting from the project highway shall be provided at underpasses, overpasses, grade separated structures, at ROB and other locations as per schedule 'D'.





**Annex - II**  
**(Schedule-B)**

There is no stretch for six-laning under the project.



## 1. Typical Cross Sections – As per Schedule 'D'.

## 2. Cross Section Type along the Project Corridor

Design Chainage		Length	Town Name	Widening Option	Figure
From	To				
082+400.00	083+650.00	1250.00		Left	Fig. 2.4
83+650.00	86+650.00	3000.00		Left	Fig. 2.4
86+650.00	88+450.00	1800.00		Right	Fig. 2.4
88+450.00	89+400.00	950.00	Kuchwahi Bypass	Left	Fig. 2.4
89+400.00	90+550.00	1150.00		Right	Fig. 2.4
90+550.00	90+750.00	200.00		Left	Fig. 2.4
90+750.00	92+200.00	1450.00		Right	Fig. 2.4
92+200.00	93+000.00	800.00		Left	Fig. 2.4
93+000.00	93+900.00	900.00		Right	Fig. 2.4
93+900.00	94+550.00	650.00		Left	Fig. 2.4
94+550.00	95+400.00	850.00		Right	Fig. 2.4
95+400.00	95+700.00	300.00		left	Fig. 2.4
95+700.00	95+900.00	200.00		Right	Fig. 2.4
95+900.00	97+200.00	1300.00		left	Fig. 2.4
97+200.00	98+050.00	850.00		right	Fig. 2.4
98+050.00	101+100.00	3050.00		left	Fig. 2.4
101+100.00	101+300.00	200.00		Right	Fig. 2.4
101+300.00	103+000.00	1700.00		left	Fig. 2.4
103+000.00	103+150.00	150.00		Right	Fig. 2.4
103+150.00	103+450.00	300.00		left	Fig. 2.4
103+450.00	103+950.00	500.00		Right	Fig. 2.4
103+950.00	104+600.00	650.00		left	Fig. 2.4
104+600.00	104+750.00	150.00		right	Fig. 2.4
104+750.00	105+350.00	600.00		left	Fig. 2.4
105+350.00	105+900.00	550.00		Right	Fig. 2.4
105+900.00	108+400.00	2500.00		Left	Fig. 2.4
108+400.00	110+850.00	2450.00	Bahri Bypass	Right	Fig. 2.4
110+850.00	112+650.00	1800.00		Left	Fig. 2.4
112+650.00	114+350.00	1700.00		Right	Fig. 2.4
114+350.00	114+650.00	300.00		Left	Fig. 2.4
114+650.00	116+100.00	1450.00		Right	Fig. 2.4
116+100.00	116+400.00	300.00		Left	Fig. 2.9
116+400.00	118+900.00	2500.00		Right	Fig. 2.4
118+900.00	121+000.00	2100.00	Karthua Bypass	Right	Fig. 2.4
121+950.00	123+050.00	1100.00		Left	Fig. 2.4
123+050.00	123+650.00	600.00		Right	Fig. 2.4

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

123+650.00	123+900.00	250.00		Left	Fig. 2.4
123+900.00	124+550.00	650.00		Right	Fig. 2.4
124+550.00	127+600.00	3050.00		Left	Fig. 2.9
127+699.00	128+850.00	1151.00		Right	Fig. 2.4
128+850.00	129+700.00	850.00		Left	Fig. 2.4
129+700.00	135+500.00	5800.00	Deusar	Concentric	Fig. 2.6
135+500.00	139+750.00	4250.00		left	Fig. 2.4
139+750.00	141+050.00	1300.00		Right	Fig. 2.4
141+050.00	141+200.00	150.00		Left	Fig. 2.4
141+200.00	141+400.00	200.00		Right	Fig. 2.4
141+400.00	141+700.00	300.00		Left	Fig. 2.4
141+700.00	142+200.00	500.00		Right	Fig. 2.4
142+200.00	143+050.00	850.00		Left	Fig. 2.4
143+050.00	144+100.00	1050.00		Right	Fig. 2.4
144+100.00	152+000.00	7900.00		Left	Fig. 2.4
152+000.00	154+700.00	2700.00	Bargawan Bypass	Left	Fig. 2.4
154+700.00	161+200.00	6500.00	Realignment		Fig. 2.4
161+200.00	163+600.00	2400.00		Left	Fig. 2.4
163+600.00	166+150.00	2550.00	Kasargate	Concentric	Fig. 2.6
166+150.00	169+350.00	3200.00	Gorbi Bypass		Fig. 2.4
169+350.00	170+400.00	1050.00		Left	Fig. 2.4
170+400.00	170+900.00	500.00		Right	Fig. 2.4
170+900.00	172+800.00	1900.00		Left	Fig. 2.4
172+800.00	173+800.00	1000.00		Right	Fig. 2.4
173+800.00	176+250.00	2450.00		Left	Fig. 2.4
176+250.00	177+950.00	1700.00	Singrauli	Concentric	Fig. 2.6
177+950.00	178+850.00	900.00		Right	Fig. 2.4
178+850.00	180+700.00	1850.00		Left	Fig. 2.4
180+700.00	181+550.00	850.00		Right	Fig. 2.4
181+550.00	184+896.00	3346.00		Left	Fig. 2.4

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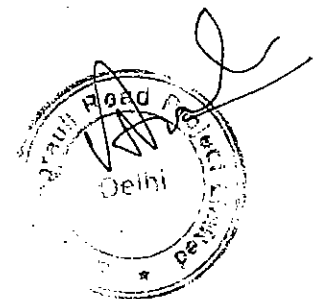
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Appendix BII**Realignment & Geometric Improvement****Realignment**

Design Chainage		
From	To	Length
83+650.00	84+650.00	1000.00
90+550.00	92+800.00	2250.00
93+700.00	96+900.00	3200.00
97+250.00	97+550.00	300.00
99+300.00	100+550.00	1250.00
101+050.00	101+750.00	700.00
103+000.00	103+650.00	650.00
103+950.00	104+200.00	250.00
104+600.00	105+300.00	700.00
107+100.00	107+300.00	200.00
112+750.00	117+650.00	4900.00
117+950.00	118+450.00	500.00
121+950.00	122+300.00	350.00
122+350.00	123+650.00	1300.00
123+900.00	124+300.00	400.00
124+550.00	125+200.00	650.00
125+550.00	129+300.00	3750.00
136+550.00	137+200.00	650.00
138+550.00	145+300.00	6750.00
150+178.00	150+600.00	422.00
150+750.00	151+000.00	250.00
162+550.00	162+950.00	400.00
163+250.00	163+500.00	250.00
170+100.00	170+900.00	800.00
172+000.00	172+250.00	250.00
172+850.00	176+100.00	3250.00
177+950.00	179+300.00	1350.00
179+750.00	181+500.00	1750.00
181+950.00	182+600.00	650.00
183+150.00	183+700.00	550.00
<b>Total Length</b>		<b>39672.00</b>



## Geometric Improvement:

S.No	Start Chainage	End Chainage	Curve Type	Design Speed	Radius
1	82436.255	82962.909	Circular	100	1800
2	83281.926	83445.257	Circular	100	400
3	84975.461	85219.878	Circular	100	1000
4	85480.585	85618.081	Circular	100	400
5	86086.783	86157.465	Circular	100	1800
6	86631.568	86765.739	Circular	100	1800
7	86885.099	87122.065	Circular	100	1000
8	87254.176	87378.913	Circular	100	1000
9	87537.437	87647.401	Circular	100	1000
10	87795.747	87945.146	Circular	100	500
11	88183.037	88211.414	Circular	100	400
12	88904.67	89002.196	Circular	100	400
13	89643.548	89750.077	Circular	100	400
14	91213.008	91571.311	Circular	100	400
15	111679.713	111895.805	Circular	100	360
16	112237.462	112298.753	Circular	100	1000
17	117636.092	117700.793	Circular	100	400
18	117905.221	118226.728	Circular	100	360
19	118819.793	118869.659	Circular	100	500
20	120940.439	121230.874	Circular	100	360
21	121577.777	121617.84	Circular	100	1800
22	122560.628	122573.58	Circular	100	400
23	130025.276	130244.619	Circular	100	400
24	130811.533	130951.972	Circular	100	800
25	131345.984	131426.294	Circular	100	1800
26	132052.911	132180.426	Circular	100	1500
27	132474.683	132572.153	Circular	100	400
28	133210.671	133276.091	Circular	100	360
29	133439.04	133466.827	Circular	100	1800
30	133983.076	134049.553	Circular	100	360
31	134797.956	134875.215	Circular	100	360
32	135275.838	135535.706	Circular	100	400
33	135811.374	136019.727	Circular	100	1800
34	136298.708	136347.526	Circular	100	600
35	138184.919	138236.498	Circular	100	400
36	177843.713	178082.674	Circular	100	400
37	183223.33	183488.36	Circular	100	500
38	184045.194	184485.832	Circular	100	1500
39	184729.471	184788.274	Circular	100	360
40	150660.462	150691.969	Circular	100	400

4-Laning of Sidhi-Singrauli Section from Km 85/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

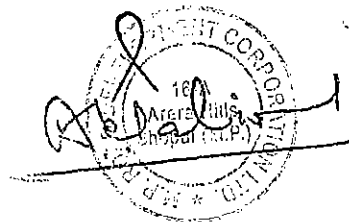
S.No	Start Chainage	End Chainage	Curve Type	Design Speed	Radius
41	151479.141	151638.172	Circular	100	400
42	151928.902	152066.899	Circular	100	400
43	152337.973	152555.16	Circular	100	400
44	153078.751	153253.222	Circular	100	800
45	154273.414	154517.534	Circular	100	800
46	155026.535	155283.904	Circular	100	800
47	155930.938	156361.401	Circular	100	400
48	156813.222	156908.224	Circular	100	360
49	158617.842	158652.43	Circular	100	1800
50	161089.898	161226.469	Circular	100	1000
51	162472.808	162529.046	Circular	100	1800
52	162902.606	163060.031	Circular	100	1800
53	163711.812	163758.295	Circular	100	1800
54	164115.725	164142.26	Circular	100	1800
55	164338.66	164393.706	Circular	100	1800
56	164496.526	164613.774	Circular	100	1000
57	164956.808	164984.752	Circular	100	1800
58	165179.022	165211.843	Circular	100	800
59	165485.366	165625.629	Circular	100	1800
60	165794.483	165819.621	Circular	100	1800
61	165899.36	166155.951	Circular	100	1800
62	166270.574	166507.053	Circular	100	1000
63	167622.698	167935.433	Circular	100	400
64	169259.197	169364.704	Circular	100	1000
65	169888.41	170358.797	Circular	100	1800
66	171175.885	171210.009	Circular	100	800
67	171636.692	171646.053	Circular	100	1000
68	171825.412	172070.826	Circular	100	1800
69	172270.628	172442.681	Circular	100	1000
70	172620.908	172685.086	Circular	100	400
71	173175.679	173391.267	Circular	100	1800
72	174217.816	174379.131	Circular	100	800
73	175387.33	175635.869	Circular	100	360
74	177051.419	177126.37	Circular	100	1800
75	177819.713	178058.674	Circular	100	400
76	178823.823	178964.923	Circular	100	800
77	179165.854	179251.205	Circular	100	400
78	179689.154	179818.43	Circular	100	600
79	180032.557	180237.227	Circular	100	500
80	181301.258	181491.581	Circular	100	400
81	181911.732	181945.524	Circular	100	600
82	182767.33	182910.239	Circular	100	600
83	183199.33	183464.36	Circular	100	500

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

S.No	Start Chainage	End Chainage	Curve Type	Design Speed	Radius
84	183766.357	183892.546	Circular	100	700
85	184021.194	184461.832	Circular	100	1500
86	184705.471	184764.274	Circular	100	360

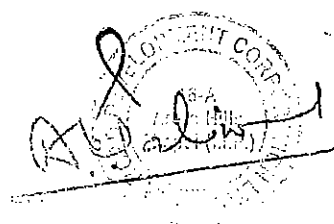
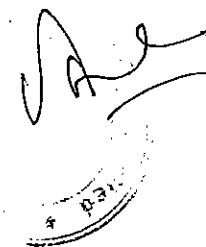
Note:

**It is clarified that if any other deficient curves in addition to above are identified during construction, such curves shall be improved as per standards set forth in schedule 'D'**



## DETAILS OF SERVICE ROADS

S No.	Name of Location	Start Point of Service Road (in km.)	End Point of Service Road (in km.)	Total Length (in Km.)	Remarks
1	DEUSAR	129+700	135+500	5.8	Reconstruction with service Road of 5.5 m.
2	KASARGATE	163+600	166+100	2.5	Reconstruction with service Road of 5.5 m.
3	SINGRAULI	176+250	177+950	1.7	Reconstruction with service Road of 5.5 m.
TOTAL				10.00	Kms.

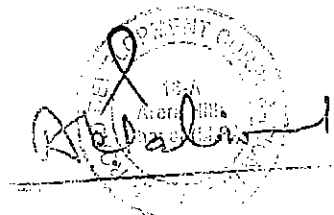
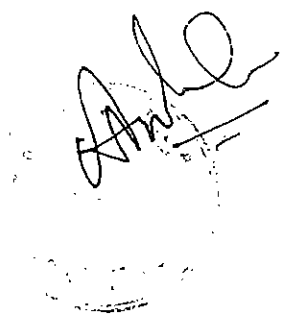



4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT



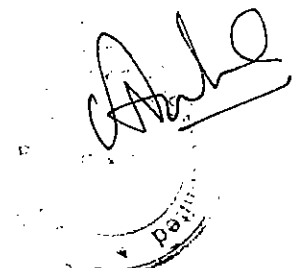
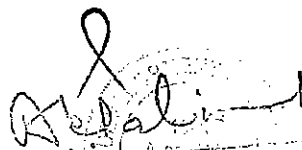
## DETAILS OF ROW

S. No.	Design Chainage	Design Chainage	Length	Proposed ROW
	From Km.	To Km.		
1	82.4	129.7	47.3	60
2	129.7	135.5	5.8	45
3	135.5	163.6	28.1	60
4	163.6	166.1	2.5	45
5	166.1	176.25	10.15	60
6	176.25	177.95	1.7	45
7	177.95	184.896	6.946	60

Appendix B -V**MAJOR INTERSECTIONS****At grade intersections needing improvement**

Sr. No.	Location (Existing Chainage)	Location (Design Chainage)	Destination	Type of Junctions	Remarks
1	89/4	88+400	Kuchwahi	T	Major
2	90/2	89+400	Kuchwahi	T	Major



## Appendix B-VI

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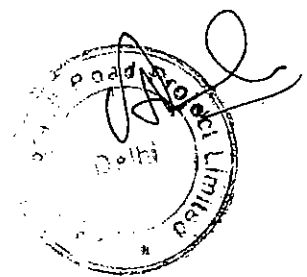
## At grade Minor Junction Details

## List of Junctions

Sr. No.	Location (Existing Chainage)	Location (Design Chainage)	Destination	Type of Junctions	Remarks
1	84/10	84.050	Piprohar	T	Minor
2	86/10	86.050	R/S Jamuniya	+	Minor
3	88/10	88.050	L/S Madhwa , R/S Jamuniya	+	Minor
4	91/2	91.250	R/S Chuhiya	T	Minor
5	97/2	96.950	Kubri Village	T	Minor
6	98/4	98.150	Kubri Village	T	Minor
7	100/8	100.450	Bhitri	T	Minor
8	102/8	101.450	Near Bhitri	T	Minor
9	114/10	113.400	Sehaliya	T	Minor
10	135/10	130.600	Jiyawaan	T	Minor
11	139/8	134.600	Devsar	T	Minor
12	142/8	137.610	Jogini	T	Minor
13	153/6	147.280	Pethadad	T	Minor
14	171/2	162.950	Udwaali	T	Minor
15	172/4	164.050	Near Kasar Gate	+	Minor
16	173/8	165.550	To Gangi	T	Minor
17	190/2	183.400	Morba	T	Minor

## Note:

It is clarified that if any other deficient junctions with cross BT roads in addition to above list are identified during construction, such junctions shall be improved as per standard set forth in schedule 'D'



4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

**Appendix B-VII****DETAILS OF PROPOSED VEHICULAR UNDERPASSES**

Sr. No.	Design Chainage (in Km.)	Location	Type of Under Pass	Span Arrangement	Proposed Width
1	108+000	Behri Bypass Start Point	VUP	1x12	Four Lane standard 12 m. in each direction
2	110+800	Behri Bypass End point	VUP	1x12	Four Lane standard 12 m. in each direction
3	118+900	Karthua Bypass Start Location	VUP	1x12	Four Lane standard 12 m. in each direction
4	121+050	Karthua Bypass End Location	VUP	1x12	Four Lane standard 12 m. in each direction
5	133+550	Deusar	VUP	1x15	Four Lane standard 12 m. in each direction
6	134+250	Deusar	VUP	1x15	Four Lane standard 12 m. in each direction
7	151+750	Bargawan Bypass Start Location	VUP	1x12	Four Lane standard 12 m. in each direction
8	154+700	Bargawan Bypass End Location	VUP	1x12	Four Lane standard 12 m. in each direction
9	161+200	Bargawan Realignment End Locaton	VUP	1x12	Four Lane standard 12 m. in each direction
10	163+800	KASARGATE	VUP	1x12	Four Lane standard 12 m. in each direction
11	166+100	Gorbi Bypass Start Location	VUP	1x12	Four Lane standard 12 m. in each direction
12	169+350	Gorbi Bypass End Location	VUP	1x12	Four Lane standard 12 m. in each direction
13	176+150	SINGRAULI	VUP	1x15	Four Lane standard 12 m. in each direction
14	177+350	Singrauli Bus Stand	VUP	1x15	Four Lane standard 12 m. in each direction

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

I) **Bridges :-**(a) **Widening repair & strengthening of Major Bridge**

Sr. No.	Design Chainage (in Km)	Details of Existing Structure					Proposed Width
		Type of Structure	Opening (m)			Width of Structure (m)	
1	129.300 (Semra Nalla)	T - Beam	4	x	19.6	8.40	Good
							Widening as per Schedule 'D'

(b) **Reconstruction of Existing Major Bridges**

Nil

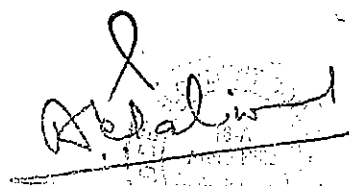
(c) **New construction of Major Bridges due to alignment improvement / Bypass (Total 03 Nos.)**

(c) New construction of major bridges and culverts

Sr. No.	Design Chainage	New Proposed Structure				Remark	
		Type of Structure	Opening (m)				Proposed width
1	113.700 (Gopad River)	PSC	26	x	35.00	As per 4- Lane Standard ,12 M in each direction	New construction due to alignment improvement & existing submersible bridge.
2	120.150 (NauaNalla)	T Beam	5	x	21	As per 4- Lane Standard ,12 M in each direction	New construction due Karthuabyapss
3	140+050	T Beam	8	x	21	As per 4- Lane Standard ,12 M in each direction	New construction due to alignment improvement

(c) **Widening of Existing Minor Bridges (Total 02 Nos.)**

Sr. No.	Design Chainage	Details of Existing Structure					Proposed Width
		Type of Structure	Opening (m)			Width of Structure (m)	
1	90.200	Slab	3	x	4.60	8.25	Fair
2	93.600	Slab	2	x	7.40	8.60	Good
							As per 4- Lane Standard ,12 M in each direction
							As per 4- Lane Standard ,12 M in each direction




4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

## 1 (e) Details of reconstruction of Minor Bridge (Total 03 nos)

Sn.	Design Chainage	Details of Existing Structure				Details of Proposed Structure		
		Type of Structure	Opening ( Nos x Span)	Width Of Structure	Condition of Structure	Type of Structure	Opening	Proposal width
1	87.300	slab	2x8.10	8.35	Fair	slab	2 x 10.0	As per 4- Lane Standard ,12 M in each direction
2	106.250	slab	3 x 7.15	8.25	Fair	slab	2 x 10.0	As per 4- Lane Standard ,12 M in each direction
3	165.350	Box type	6X3.60	8.4	Good	slab	5x 10.0	As per 4- Lane Standard ,12 M in each direction

## (f) New construction of Minor Bridges due to alignment improvement / Bypasses (Total 28 Nos.)

Sr. No.	Design Chainage	New Proposed Structure				Remark
		Type of Structure	Opening (m)		Proposed width	
1	91.300	Slab	3	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to alignment improvement
2	95.700	Slab	1	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to alignment improvement
3	99.550	Slab	3	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to alignment improvement
4	100.600	Slab	1	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to alignment improvement
5	108.950	Slab	4	x	10.00	As per 4- Lane Standard ,12 M in each direction Bahri bypass
6	122.800	Slab	1	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to due to bypass
7	123.300	Slab	1	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to alignment improvement
8	123.500	Slab	1	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to alignment improvement
9	136.550	Slab	4	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to alignment improvement
10	140.450	Slab	3	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to alignment improvement
11	145.400	Slab	4	x	14.00	As per 4- Lane Standard ,12 M in each direction New construction due to alignment improvement
12	148.500	Slab	2	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to alignment improvement
13	150.050	Slab	2	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to alignment improvement
14	151.550	Slab	2	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to alignment improvement
15	152.100	Slab	2	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to alignment improvement
16	152.800	Slab	3	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to Bargawa bypass
17	152.950	Slab	2	x	10.00	As per 4- Lane Standard ,12 M in each direction New construction due to Bargawa bypass

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

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18	153.150	Slab	5	x	10.00	As per 4- Lane Standard ,12 M in each direction	New construction due to Bargawa bypass
19	153.450	Slab	5	x	10.00	As per 4- Lane Standard ,12 M in each direction	New construction due to Bargawa bypass
20	153.650	Slab	3	x	10.00	As per 4- Lane Standard ,12 M in each direction	New construction due to Bargawa bypass
21	156.950	Slab	4	x	14.00	As per 4- Lane Standard ,12 M in each direction	Realignment
22	162.050	Slab	1	x	10.00	As per 4- Lane Standard ,12 M in each direction	New construction due to alignment improvement
23	168.300	Slab	3	x	10.00	As per 4- Lane Standard ,12 M in each direction	New construction due to Gorbi bypass
24	168.950	Slab	3	x	10.00	As per 4- Lane Standard ,12 M in each direction	New construction due to Gorbi bypass
25	173.300	Slab	2	x	10.00	As per 4- Lane Standard ,12 M in each direction	New construction due to alignment improvement
26	175.550	Slab	3	x	10.00	As per 4- Lane Standard ,12 M in each direction	New construction due Proposed ROB
27	175.800	Slab	1	x	10.00	As per 4- Lane Standard ,12 M in each direction	New construction due Proposed ROB
28	180.200	Slab	4	x	14.00	As per 4- Lane Standard ,12 M in each direction	New construction due to alignment improvement

*Abdullah*

19/10/2014

*Amal*

19/10/2014



**II) Culverts:-****(A) Details of New Proposed Hume Pipe Culverts for Existing road, bypasses / alignment improvement (Total 137nos)**

Sr. No	Design Chainage (in Km)	Type of Structure	Details of Proposed Structure				Remark
			Opening			Width of Structure	
1	83.250	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
2	83.950	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
3	84.250	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
4	84.450	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
5	84.800	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
6	85.050	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
7	85.250	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
8	85.750	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
9	86.550	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
10	86.650	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
11	86.750	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
12	87.500	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
13	87.750	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
14	88.250	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
15	88.70	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Kauchwahi bypass
16	88.950	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	Kauchwahi bypass
17	89.100	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Kauchwahi bypass
18	89.300	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Kauchwahi bypass
19	89.600	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	

4-Laning of Sidhi-Singrauli Section from Km 83 7/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

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 Arera Hills  
 Engineer (M.P.)

Sr. No	Design Chainage (in Km)	Type of Structure	Details of Proposed Structure				Remark
			Opening			Width of Structure	
20	89.800	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
21	89.950	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
22	90.650	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
23	91.100	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
24	91.600	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
25	92.050	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
26	92.450	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
27	92.850	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
28	93.000	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction.	
29	93.750	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
30	94.200	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
31	95.200	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
32	95.500	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
33	91.100	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
34	96.450	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
35	96.750	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
36	96.900	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
37	97.250	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
38	99.500	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
39	99.700	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
40	100.000	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
41	100.100	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
42	100.800	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

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Sr. No	Design Chainage (in Km)	Type of Structure	Details of Proposed Structure				Remark
			Opening			Width of Structure	
43	100.900	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
44	101.100	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
45	101.200	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
46	101.750	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
47	101.800	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
48	102.000	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
49	102.050	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
50	102.250	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
51	102.450	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
52	102.550	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
53	103.500	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
54	103.800	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
55	104.350	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
56	104.950	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
57	105.350	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
58	105.750	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
59	107.200	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
60	108.65	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Bahri bypass
61	109.600	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Bahri bypass
62	110.700	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Bahri bypass
63	111.800	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
64	112.300	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
65	114.850	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

Sr. No	Design Chainage (in Km)	Type of Structure	Details of Proposed Structure				
			Opening			Width of Structure	Remark
66	115.550	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
67	116.350	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
68	116.850	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
69	117.300	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
70	118.300	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
71	119.400	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	Karthua bypass
72	120.200	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Karthua bypass
73	120.600	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Karthua bypass
74	120.800	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	Karthua bypass
75	121.950	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
76	122.100	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
77	123.050	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
78	123.300	HPC	1	X	600	As per 4- Lane Standard ,12 M in each direction	
79	124.150	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
80	124.800	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
81	124.850	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
82	125.000	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
83	125.150	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
84	125.950	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
85	126.500	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
86	126.750	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
87	126.900	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
88	127.300	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

*[Signature]*  
 Project Engineer  
 National Highway Authority of India

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Sr. No	Design Chainage (in Km)	Type of Structure	Details of Proposed Structure				
			Opening			Width of Structure	Remark
89	127.650	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
90	128.200	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
91	128.750	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
92	130.450	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
93	132.150	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
94	133.800	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
95	134.900	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
96	136.000	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
97	137.600	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
98	138.900	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
99	139.200	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
100	139.950	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
101	140.350	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
102	141.650	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
103	142.050	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
104	142.800	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
105	144.450	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
106	144.950	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
107	146.050	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
108	147.200	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
109	147.350	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
110	149.100	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
111	151.250	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

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Sr. No	Design Chainage (in Km)	Type of Structure	Details of Proposed Structure				
			Opening			Width of Structure	Remark
112	151.800	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
113	152.200	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
114	152.700	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Bargawa bypass
115	155.050	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Bargawa bypass
116	153.300	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	Bargawa bypass
117	154.000	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Bargawa bypass
118	156.500	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Realignment
119	158.650	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Realignment
120	160.200	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Realignment
121	161.200	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Realignment
122	162.250	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
123	164.950	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	
124	166.250	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	
125	167.700	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Gorbi bypass
126	167.900	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Gorbi bypass
127	168.800	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Gorbi bypass
128	169.400	HPC	1	X	1200	As per 4- Lane Standard ,12 M in each direction	Gorbi bypass
129	171.450	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Realignment
130	173.750	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Realignment
131	174.250	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Realignment
132	176.550	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Realignment
133	177.600	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Realignment
135	179.950	HPC	2	X	1200	As per 4- Lane Standard ,12 M in each direction	Realignment

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

**(B) Details of New Proposed Slab Culverts for Existing road, bypasses / Alignment improvement (Total 110nos)**

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

Sr. No	Design Chainage ( in Km)	Type of Structure	Details of Proposed Structure				Remark
			Opening			Width of Structure	
16	95.550	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
17	96.250	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
18	96.800	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
19	97.250	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
20	97.550	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
21	97.800	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
22	98.250	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
23	98.600	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
24	98.800	Slab	2	X	3	As per 4- Lane Standard ,12 M in each direction	
25	99.100	Slab	2	X	3	As per 4- Lane Standard ,12 M in each direction	
26	99.150	Slab	2	X	3	As per 4- Lane Standard ,12 M in each direction	
27	100.350	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
28	101.800	Slab	1	X	4	As per 4- Lane Standard ,12 M in each direction	
29	106.800	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
30	107.150	Slab	1	X	6	As per 4- Lane Standard ,12 M in each direction	
31	107.550	Slab	1	X	4	As per 4- Lane Standard ,12 M in each direction	
32	108.500	Slab	1	X	4	As per 4- Lane Standard ,12 M in each direction	Bahri bypass
33	108.950	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	Bahri bypass
34	109.350	Slab	1	X	5	As per 4- Lane Standard ,12 M in each direction	Bahri bypass
35	109.950	Slab	1	X	6	As per 4- Lane Standard ,12 M in each direction	Bahri bypass
36	110.200	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	Bahri bypass
37	112.150	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
38	114.900	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT



Sr. No	Design Chainage (in Km)	Type of Structure	Details of Proposed Structure				Remark
			Opening			Width of Structure	
39	115.700	Slab	1	X	3	As per 4- Lane Standard , 12 M in each direction	
40	117.600	Slab	1	X	3	As per 4- Lane Standard , 12 M in each direction	
41	118.500	Slab	1	X	3	As per 4- Lane Standard , 12 M in each direction	
42	119.150	Slab	1	X	4	As per 4- Lane Standard , 12 M in each direction	Karthua bypass
43	119.850	Slab	1	X	3	As per 4- Lane Standard , 12 M in each direction	Karthua bypass
44	120.350	Slab	1	X	5	As per 4- Lane Standard , 12 M in each direction	Karthua bypass
45	120.950	Slab	1	X	4	As per 4- Lane Standard , 12 M in each direction	Karthua bypass
46	121.100	Slab	1	X	3	As per 4- Lane Standard , 12 M in each direction	Karthua bypass
47	122.490	Slab	1	X	3	As per 4- Lane Standard , 12 M in each direction	
48	122.850	Slab	1	X	4	As per 4- Lane Standard , 12 M in each direction	
49	124.350	Slab	1	X	4	As per 4- Lane Standard , 12 M in each direction	
50	125.000	Slab	1	X	6	As per 4- Lane Standard , 12 M in each direction	
51	127.200	Slab	1	X	5	As per 4- Lane Standard , 12 M in each direction	
52	128.250	Slab	1	X	5	As per 4- Lane Standard , 12 M in each direction	
53	129.950	Slab	1	X	5	As per 4- Lane Standard , 12 M in each direction	
54	131.250	Slab	1	X	5	As per 4- Lane Standard , 12 M in each direction	
55	133.330	Slab	1	X	4	As per 4- Lane Standard , 12 M in each direction	
56	135.500	Slab	1	X	3	As per 4- Lane Standard , 12 M in each direction	
57	139.200	Slab	1	X	3	As per 4- Lane Standard , 12 M in each direction	
58	141.250	Slab	1	X	5	As per 4- Lane Standard , 12 M in each direction	
59	142.250	Slab	1	X	3	As per 4- Lane Standard , 12 M in each direction	
60	143.400	Slab	1	X	3	As per 4- Lane Standard , 12 M in each direction	
61	143.800	Slab	1	X	3	As per 4- Lane Standard , 12 M in each direction	

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

Sr. No	Design Chainage (in Km)	Type of Structure	Details of Proposed Structure				Remark
			Opening			Width of Structure	
62	145.550	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
63	147.800	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
64	148.800	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
65	149.760	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
66	151.100	Slab	1	X	5	As per 4- Lane Standard ,12 M in each direction	
67	152.700	Slab	1	X	6	As per 4- Lane Standard ,12 M in each direction	Bargawa bypass
68	153.400	Slab	1	X	5	As per 4- Lane Standard ,12 M in each direction	Bargawa bypass
69	153.650	Slab	1	X	4	As per 4- Lane Standard ,12 M in each direction	Bargawa bypass
70	154.600	Slab	1	X	6	As per 4- Lane Standard ,12 M in each direction	Bargawa bypass
71	155.260	Slab	1	X	4	As per 4- Lane Standard ,12 M in each direction	Realignment
72	156.250	Slab	1	X	6	As per 4- Lane Standard ,12 M in each direction	Realignment
73	157.750	Slab	1	X	6	As per 4- Lane Standard ,12 M in each direction	Realignment
74	158.250	Slab	1	X	5	As per 4- Lane Standard ,12 M in each direction	Realignment
75	158.950	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	Realignment
76	159.150	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	Realignment
77	160.100	Slab	1	X	4	As per 4- Lane Standard ,12 M in each direction	Realignment
78	160.900	Slab	1	X	6	As per 4- Lane Standard ,12 M in each direction	Realignment
79	161.200	Slab	1	X	6	As per 4- Lane Standard ,12 M in each direction	Realignment
80	162.250	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
81	163.450	Slab	1	X	4	As per 4- Lane Standard ,12 M in each direction	
82	164.200	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
83	165.650	Slab	1	X	6	As per 4- Lane Standard ,12 M in each direction	

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

Sr. No	Design Chainage (in Km)	Type of Structure	Details of Proposed Structure				Remark
			Opening			Width of Structure	
84	167.700	Slab	1	X	4	As per 4- Lane Standard ,12 M in each direction	Gorbi bypass
85	168.250	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	Gorbi bypass
86	168.960	Slab	1	X	6	As per 4- Lane Standard ,12 M in each direction	Gorbi bypass
87	169.100	Slab	1	X	6	As per 4- Lane Standard ,12 M in each direction	Gorbi bypass
88	169.500	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	Gorbi bypass
89	171.250	Slab	1	X	4	As per 4- Lane Standard ,12 M in each direction	
90	172.90	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
91	173.250	Slab	1	X	4	As per 4- Lane Standard ,12 M in each direction	Gorbi bypass
92	174.150	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	Gorbi bypass
93	174.900	Slab	1	X	6	As per 4- Lane Standard ,12 M in each direction	
94	175.650	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
95	176.200	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
96	176.750	Slab	1	X	4	As per 4- Lane Standard ,12 M in each direction	
97	177.200	Slab	1	X	4	As per 4- Lane Standard ,12 M in each direction	
98	178.150	Slab	1	X	4	As per 4- Lane Standard ,12 M in each direction	
99	179.300	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
100	179.600	Slab	1	X	4	As per 4- Lane Standard ,12 M in each direction	
101	180.350	Slab	1	X	5	As per 4- Lane Standard ,12 M in each direction	
102	181.100	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
103	181.350	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
104	181.750	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	
105	182.00	Slab	1	X	5	As per 4- Lane Standard ,12 M in each direction	
106	182.350	Slab	1	X	3	As per 4- Lane Standard ,12 M in each direction	

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E in the State of Madhya Pradesh on BOT

*(Signature)*  
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 Asst. Secy.  
 N.H.A. (BOT)  
 New Delhi

Page R-32  
*(Signature)*  
 S.D.O.



**Appendix B-IX****DETAILS OF PROPOSED RAILWAY OVER BRIDGE (ROB) - 03 Nos**

S. No.	Design Chainage	Details of Proposed Structure		Type of Construction	Remark
		Type of Structure/Width	Span arrangement		
1	155.650	ROB / As per 4- Lane Standard, 12 M in each direction	(Skew) 3x25.00m	New Construction	At Bargawa bypass
2	167.550	ROB / As per 4- Lane Standard, 12 M in each direction	(Skew) 3x26.604m	New Construction	At Gorbi bypass
3	175.850	ROB / As per 4- Lane Standard, 12 M in each direction	(Skew) 3x26.604m (Railway portion) + 2x26.604m (Viaduct in project ROW)	New Construction	Existing RUB abandoned and new ROB Proposed

**DETAILS OF EXISTING RAILWAY UNDER BRIDGE (RUB)- 01 Nos**

S. No.	Design Chainage (in Km)	Details of Proposed Structure			Remark
		Type of Structure	Span Arrangement	Type of Construction	
1	178.800	RUB	2 x 15m	New Construction	Existing RUB abandoned and new RUB Proposed with new alignment.

*[Signature]*  
 16-11-2016  
 Khera Hills  
 Chopal (M.P.)

*[Signature]*  
 16-11-2016  
 Delhi

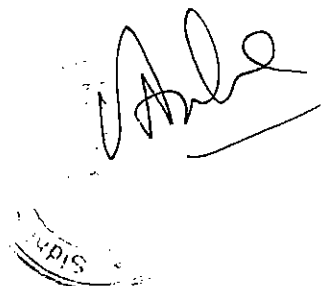
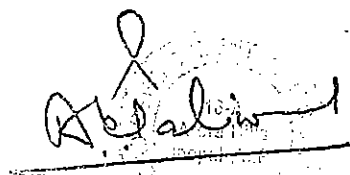

**SCHEDULE – C***(See Clause 2.1)***PROJECT FACILITIES****1 Project Facilities**

The Concessionaire shall construct the Project Facilities in accordance with the provisions of this Agreement. Such Project Facilities shall include:

- (a) Toll plaza
- (b) Roadside furniture;
- (c) Street lighting;
- (d) Pedestrian facilities;
- (e) Landscaping and tree plantation;
- (f) Rest areas;
- (g) Truck lay-bys;
- (h) Bus-bays and bus shelters;
- (i) Cattle crossings;
- (j) Development of site for wayside amenities
- (k) Traffic aid posts
- (l) Medical aid posts
- (m) Vehicle rescue posts
- (n) Telecom system; and
- (o) Highway traffic management system.

**2 Project Facilities for [Four-Laning]**

Project Facilities forming part of [Four-Laning] and to be completed on or before the Project Completion Date have been described in Annex-I of this Schedule-C.

## Annex - I

## (Schedule-C)

## Project Facilities for [Four-Laning]

## 1 Project Facilities

The Concessionaire shall construct the Project Facilities described in this Annex-I to form part of the [Four-Lane] Project Highway. The Project Facilities shall include:

- (a) Toll plaza
- (b) Roadside furniture;
- (c) Pedestrian facilities;
- (d) Tree plantation;
- (e) Truck lay-bys;
- (f) Bus-bays and bus shelters; and
- (g) Others
  - 1. Highway Lighting
  - 2. Highway Patrol
  - 3. Ambulances
  - 4. Cranes
  - 5. Development of site for wayside amenities
  - 6. Traffic aid posts
  - 7. Medical aid posts
  - 8. Vehicle rescue posts
  - 9. Telecom system

## 2 Description of Project Facilities

Each of the Project Facilities is briefly described below:

(a) Toll Plazas : Two Toll plazas proposed

Toll Plaza	Design Chainage (in Km)	Homogeneous Section (in Km.)	Length (KM)
1.	118+700	Km. 83/4 to Km. 124/10 (Chainage 82+400 to 124+896)	42.60
2.	179+900	Km. 124/10 to Km. 195/8 (Chainage 124+896 to 184+896)	60.000

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E  
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16-A  
Madhya Pradesh  
National Highway  
Authority

UPIS \*

Specifications and other requirements of the toll plazas shall be strictly as per Schedule "D"

**(b) Road side Furniture shall be provided as follows: -**

**(i) Traffic Signs and Pavement Markings**

Traffic signs and pavement markings shall include road side signs, overhead signs, curve mounted signs and road marking along the project highway. The locations for these provisions shall be finalised in consultation with Independent Engineer and as per latest IRC Standard.

**(ii) Concrete Crash Barrier, Metal beam crash barrier, Separators (MS railings)**

The minimum length of Concrete Crash Barrier, Metal beam crash barrier, and Separator (M.S. railings) shall be provided as per Schedule D and for safety of traffic & users.

**(iii) Traffic Safety Devices in consultation with IE & Latest IRC standards**

**(iv) Boundary Stones as per schedule 'D'**

**(v) Hectometer / Kilometer Stones as per schedule 'D'**

**(vi) Traffic Blinker Signal (L.E.D) at intersections**

**(c) Pedestrian Facilities**

The additional pedestrians' facilities in the form of guard rails, footpath, lighting etc. shall be provided in built-up area and high embankment of structures.

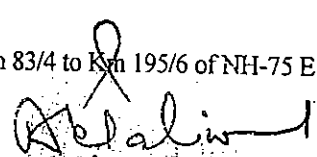
**(d) Landscaping and Tree Plantation**

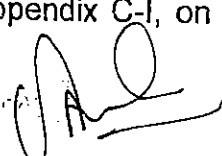
Landscaping of the highway shall be done on, but not limited to, the following:

- Median
- Grade Separated intersections
- Entry and Exit ramp
- At grade islands of intersection locations
- Toll Plaza Area
- Tree plantation shall be done 10 times of tree to be cut on project highway during construction. Concessioner will be responsible for implementation of Environment management Plan (EMP) on the project. The cost of EMP shall be Borne by concessionaire.

**(e) Truck Lay-byes**

Truck Lay byes shall be provided at locations given at Appendix C-I, on both side of highway as per schedule 'D'

  
A. Lalini

  
Page C-3



(f) **Bus-byes and Bus Shelter,**

Bus Lay byes shall be provided at locations given at Appendix C-II

(g) **Others**

1. **Highway Lighting**

High Mast Lighting shall be provided at all the locations where service roads are provided in built up area, at toll plaza, major junction except for Minor Junctions where solar lighting shall be provided.

2. **Highway Patrol**

Highway Patrol units one in each homogeneous section shall be provided.

3. **Ambulances**

Ambulance units one in each homogeneous section shall be provided.

4. **Cranes**


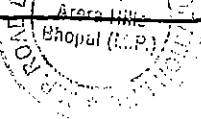
Crane units one in each homogeneous section shall be provided.

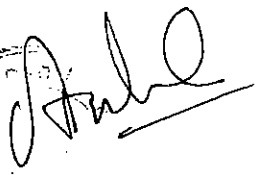
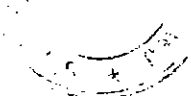
5. **Slope protection**

The slope protection will be provided at locations where embankment height is more than 3.00 m and in approaches of bridges as per Schedule-'D'.

6. **Utilities**

Utilities to be identified at site and certified by MPRDC then shifting may be taken up by the Concessionaire.

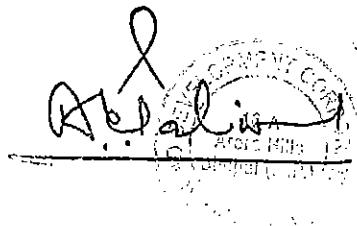
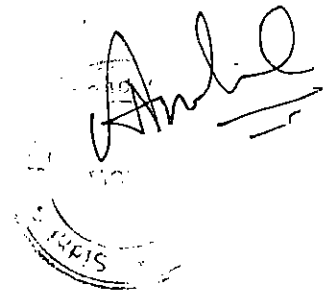
  


## Appendix C-1

## TRUCK LAY-BYES

Truck Lay Byes on both sides on following locations:-

S.No.	Locations (Km)	Design Chainage (Km)	Remarks
1	84/4	83.750	Harbado
2	102/4	102.050	Bhitri
3	165/10	158.000	Pethadad
4	186/8	178.250	Singrauli
5	189/10	181.300	Morba

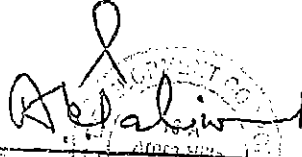
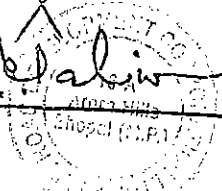


4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E  
in the State of Madhya Pradesh on BOT

## Appendix C-2

## BUS-BYES AND BUS SHELTER

Bus Lay Byes on both sides on following locations:-

S.No.	Locations (Km)	Design Chainage (Km)	Remarks
1	86/2	85.250	Harbado
2	87/4	86.450	Shivpurva
3	89/10	89.000	Kuchwahi
4	93/10	92.950	Tenduha
5	97/10	96.750	
6	102/2	100.850	Bhitri
7	105/10	104.650	Paigama
8	111/6	110.250	Chandwahi
9	112/2	111.850	
10	137/10	132.550	Jiyawan
11	138/10	133.600	Deusar
12	162/8	154.850	Bargawa
13	172/8	165.550	Badokhar
14	176/10	168.750	Gorbi
15	184/4	175.850	Singrauli
16	186/2	177.550	Singrauli
17	187/10	179.500	Morba

4-Laning of Sidhi-Singrauli Section from Km 83/4 to Km 195/6 of NH-75 E  
in the State of Madhya Pradesh on BOT

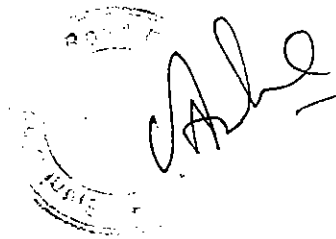
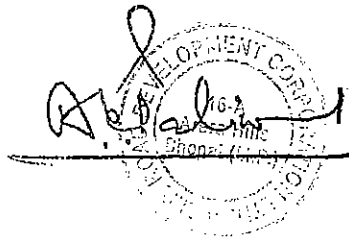
SCHEDULE-D  
(See Clause 2.1)

SPECIFICATIONS AND STANDARDS

1. Four laning

The concessionaire shall comply with the specifications and standards set forth in Annex-I of this Schedule -D for construction of the Four lane Project Highway

2. Deleted



Annex - I  
(Schedule-D)

**Specifications and Standards for Four-Laning**

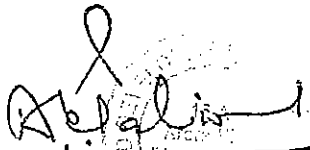
**1 Manual of Specifications and Standards to apply**


Subject to the provisions of Paragraph 2 of this Annex-I, Four-Laning of the Project Highway shall conform to the Manual of Specifications and Standards for DBFOT Road Projects published by IRC i.e. IRC:SP:84-2009 on October 2009 (An authenticated copy of the Manual has been provided to the Concessionaire as part of the bid documents.)

**2 Deviations from the Manual**

Notwithstanding anything to the contrary contained in the aforesaid Manual, the following Specifications and Standards shall apply to the Four-Lane Project Highway, and for purposes of this Agreement, the aforesaid Manual shall be deemed to be amended to the extent set forth below:

Sr. No.	Clause No.	Provisions in Clause			Variation Proposed in Brief		
1	2.6.1	Table 2.3 – Width of Earthen Shoulder					
		Type of Section	Plain & Rolling Terrain		Type of Section	Plain & Rolling Terrain	
		Open country with isolated built up area	2.00	2.00	Open country with isolated built up area	1.00 m	1.00 m
2	2.12.2	2.12.2.1 The width of the service road shall be 7.0 m.			2.12.2.1 The width of the service road shall be 5.50 m.		
3	2.16	Fig. 2.6 shows typical cross section, where in 1.5m wide footpath on inner side of service road is provided on both side.			From typical cross section fig. 2.6, 1.5 meter wide footpath on inner side of service road on both side shall be deleted.		

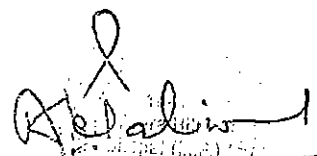
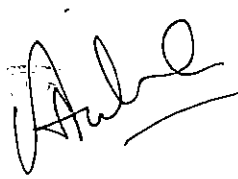
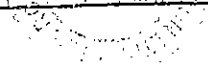

  
A. J. Ali

  
Abdul

## ,SCHEDULE -E

*(See Clause 4.1.3)***APPLICABLE PERMITS****1 Applicable Permits**

- 1.1 The Concessionaire shall obtain, as required under the Applicable Laws, the following Applicable Permits on or before the Appointed Date, save and except to the extent of a waiver granted by the Authority in accordance with Clause 4.1.3 of the Agreement:
- (a) Permission of the State Government for extraction of boulders from quarry;
  - (b) Permission of Village Panchayat and Pollution Control Board for installation of crushers;
  - (c) Licence for use of explosives;
  - (d) Permission of the State Government for drawing water from river/reservoir;
  - (e) Licence from Inspector of factories or other competent authority for setting up Batching Plant;
  - (f) Clearance of Pollution Control Board for setting up Batching Plant;
  - (g) Clearance of Village Panchayats and Pollution Control Board for Asphalt Plant;
  - (h) Permission of Village Panchayat and State Government for borrow earth;
  - (i) Permission of State Government for cutting of trees; and
  - (j) Any other permits or clearances required under Applicable Laws.
- 1.2 Applicable Permits, as required, relating to environmental protection and conservation shall have been procured by the Authority as a Condition Precedent.

(See Clause 9.1)

**PERFORMANCE SECURITY**

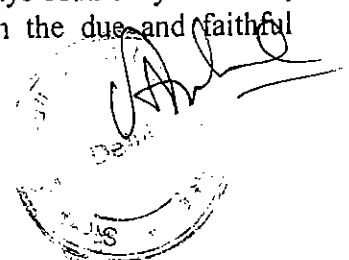
The Managing Director  
MP Road Development Corporation Ltd.,  
16-A, Arera Hills, Bhopal

**WHEREAS:**

- (A) ..... (the "Concessionaire") and the Chairman, National Highways Authority of India (the "Authority") have entered into a Concession Agreement dated ..... (the "Agreement") whereby the Authority has agreed to the Concessionaire undertaking Four-Laning of the Sidhi-Singrauli section of National Highway No 75-Eon design, build, finance, operate and transfer ("DBFOT") basis, subject to and in accordance with the provisions of the Agreement.
- (B) The Agreement requires the Concessionaire to furnish a Performance Security to the Authority in a sum of ₹. 43.56 crores . (Rupees Forty three crores Fifty Six lacs ) (the "Guarantee Amount") as security for due and faithful performance of its obligations, under and in accordance with the Agreement, during the Construction Period (as defined in the Agreement).
- (C) We, ..... through our Branch at ..... (the "Bank") have agreed to furnish this Bank Guarantee by way of Performance Security.

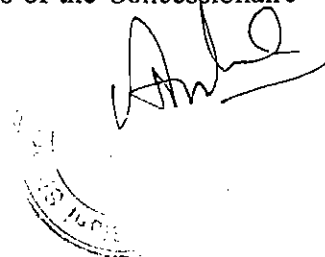
NOW, THEREFORE, the Bank hereby, unconditionally and irrevocably, guarantees and affirms as follows:

1. The Bank hereby unconditionally and irrevocably guarantees the due and faithful performance of the Concessionaire's obligations during the Construction Period, under and in accordance with the Agreement, and agrees and undertakes to pay to the Authority, upon its mere first written demand, and without any demur, reservation, recourse, contest or protest, and without any reference to the Concessionaire, such sum or sums upto an aggregate sum of the Guarantee Amount as the Authority shall claim, without the Authority being required to prove or to show grounds or reasons for its demand and/or for the sum specified therein.
2. A letter from the Authority, under the hand of an Officer not below the rank of General Manager in the National Highways Authority of India, that the Concessionaire has committed default in the due and faithful



performance of all or any of its obligations under and in accordance with the Agreement shall be conclusive, final and binding on the Bank. The Bank further agrees that the Authority shall be the sole judge as to whether the Concessionaire is in default in due and faithful performance of its obligations during the Construction Period under the Agreement and its decision that the Concessionaire is in default shall be final, and binding on the Bank, notwithstanding any differences between the Authority and the Concessionaire, or any dispute between them pending before any court, tribunal, arbitrators or any other authority or body, or by the discharge of the Concessionaire for any reason whatsoever.

3. In order to give effect to this Guarantee, the Authority shall be entitled to act as if the Bank were the principal debtor and any change in the constitution of the Concessionaire and/or the Bank, whether by their absorption with any other body or corporation or otherwise, shall not in any way or manner affect the liability or obligation of the Bank under this Guarantee.
4. It shall not be necessary, and the Bank hereby waives any necessity, for the Authority to proceed against the Concessionaire before presenting to the Bank its demand under this Guarantee.
5. The Authority shall have the liberty, without affecting in any manner the liability of the Bank under this Guarantee, to vary at any time, the terms and conditions of the Agreement or to extend the time or period for the compliance with, fulfilment and/ or performance of all or any of the obligations of the Concessionaire contained in the Agreement or to postpone for any time, and from time to time, any of the rights and powers exercisable by the Authority against the Concessionaire, and either to enforce or forbear from enforcing any of the terms and conditions contained in the Agreement and/or the securities available to the Authority, and the Bank shall not be released from its liability and obligation under these presents by any exercise by the Authority of the liberty with reference to the matters aforesaid or by reason of time being given to the Concessionaire or any other forbearance, indulgence, act or omission on the part of the Authority or of any other matter or thing whatsoever which under any law relating to sureties and guarantors would but for this provision have the effect of releasing the Bank from its liability and obligation under this Guarantee and the Bank hereby waives all of its rights under any such law.
6. This Guarantee is in addition to and not in substitution of any other guarantee or security now or which may hereafter be held by the Authority in respect of or relating to the Agreement or for the fulfilment, compliance and/or performance of all or any of the obligations of the Concessionaire under the Agreement.

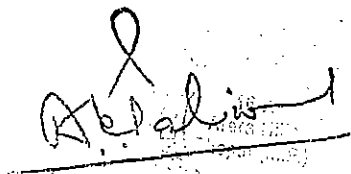


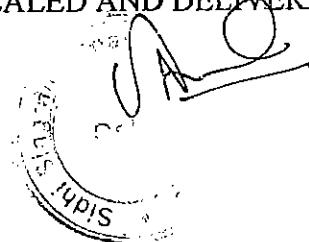


7. Notwithstanding anything contained hereinbefore, the liability of the Bank under this Guarantee is restricted to the Guarantee Amount and this Guarantee will remain in force until the earlier of the 1<sup>st</sup> (first) anniversary of the Appointed Date or compliance of the conditions specified in paragraph 8 below and unless a demand or claim in writing is made by the Authority on the Bank under this Guarantee, no later than 6 (six) months from the date of expiry of this Guarantee, all rights of the Authority under this Guarantee shall be forfeited and the Bank shall be relieved from its liabilities hereunder.
8. The Performance Security shall cease to be in force and effect when the Concessionaire shall have expended on Project construction an aggregate sum not less than 20% (twenty per cent) of the Total Project Cost which is deemed to be Rs.\*\*\* cr. (Rupees \*\*\*\*\* crore) for the purposes of this Guarantee, and provided the Concessionaire is not in breach of this Agreement. Upon request made by the Concessionaire for release of the Performance Security along with the particulars required hereunder, duly certified by a statutory auditor of the Concessionaire, the Authority shall release the Performance Security forthwith.
9. The Bank undertakes not to revoke this Guarantee during its currency, except with the previous express consent of the Authority in writing, and declares and warrants that it has the power to issue this Guarantee and the undersigned has full powers to do so on behalf of the Bank.
10. Any notice by way of request, demand or otherwise hereunder may be sent by post addressed to the Bank at its above referred Branch, which shall be deemed to have been duly authorised to receive such notice and to effect payment thereof forthwith, and if sent by post it shall be deemed to have been given at the time when it ought to have been delivered in due course of post and in proving such notice, when given by post, it shall be sufficient to prove that the envelope containing the notice was posted and a certificate signed by an officer of the Authority that the envelope was so posted shall be conclusive.
11. This Guarantee shall come into force with immediate effect and shall remain in force and effect for a period of one year and six months or until it is released earlier by the Authority pursuant to the provisions of the Agreement.

Signed and sealed this ..... day of ....., 20..... at .....

SIGNED, SEALED AND DELIVERED





For and on behalf of  
the BANK by:

(Signature)

(Name)

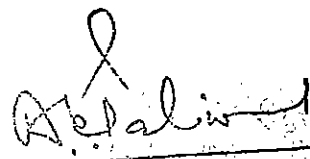
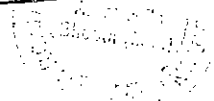
(Designation)


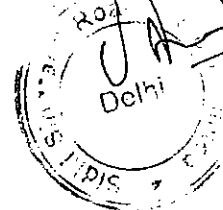
(Code Number)

(Address)

NOTES:

- (i) The bank guarantee should contain the name, designation and code number of the officer(s) signing the guarantee.
- (ii) The address, telephone number and other details of the Head Office of the Bank as well as of issuing Branch should be mentioned on the covering letter of issuing Branch.

## SCHEDULE -G

*(See Clause 12.1)***PROJECT COMPLETION SCHEDULE****1 Project Completion Schedule**

During Construction Period, the Concessionaire shall comply with the requirements set forth in this Schedule-G for each of the Project Milestones and the Scheduled Four-Laning Date (the "Project Completion Schedule"). Within 15 (fifteen) days of the date of each Project Milestone, the Concessionaire shall notify the Authority of such compliance along with necessary particulars thereof.

**2 Project Milestone-I**

2.1 Project Milestone-I shall occur on the date falling on the 180th (one hundred and eightieth) day from the Appointed Date (the "Project Milestone-I").

2.2 Prior to the occurrence of Project Milestone-I, the Concessionaire shall have commenced construction of the Project Highway and expended not less than 10% (ten per cent) of the total capital cost set forth in the Financial Package.

**3 Project Milestone-II**

3.1 Project Milestone-II shall occur on the date falling on the 365th (three hundred and sixty fifth) day from the Appointed Date (the "Project Milestone-II").

3.2 Prior to the occurrence of Project Milestone-II, the Concessionaire shall have commenced [construction of all bridges and expended not less than 35% (thirty five per cent)] of the total capital cost set forth in the Financial Package.

**4 Project Milestone-III**

4.1 Project Milestone-III shall occur on the date falling on the 600th (six hundred)] day from the Appointed Date (the "Project Milestone-III").

4.2 Prior to the occurrence of Project Milestone-III, the Concessionaire shall have commenced [construction of all Project Facilities and expended not less than 70% (Seventy per cent)] of the total capital cost set forth in the Financial Package.

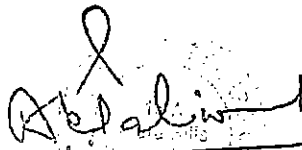
**5 Scheduled Four-Laning Date**


5.1 The Scheduled [Four-Laning] Date shall occur on the 730th (seven hundred and thirtieth) day from the Appointed Date.

5.2 On or before the Scheduled [Four-Laning] Date, the Concessionaire shall have completed [Four-Laning] in accordance with this Agreement.

**6 Extension of period**

Upon extension of any or all of the aforesaid Project Milestones or the Scheduled [Four-Laning] Date, as the case may be, under and in accordance with the provisions of this Agreement, the Project Completion Schedule shall be deemed to have been amended accordingly.

  
Abdulali

  
Siddhant Singhani  
Doshi

## SCHEDULE -H

*(See Clause 12.3)*

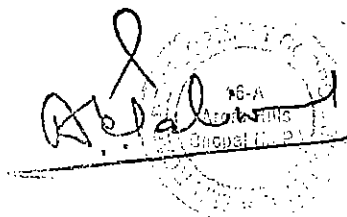
## DRAWINGS

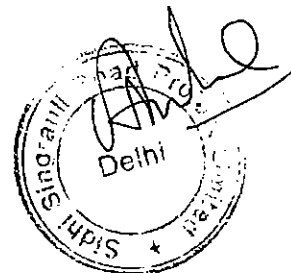
**1 Drawings**

In compliance of the obligations set forth in Clause 12.3 of this Agreement, the Concessionaire shall furnish to the Independent Engineer, free of cost, all Drawings listed in Annex-I of this Schedule-H.

**2 Additional drawings**

If the Independent Engineer determines that for discharging its duties and functions under this Agreement, it requires any drawings other than those listed in Annex-I, it may by notice require the Concessionaire to prepare and furnish such drawings forthwith. Upon receiving a requisition to this effect, the Concessionaire shall promptly prepare and furnish such drawings to the Independent Engineer, as if such drawings formed part of Annex-I of this Schedule-H.

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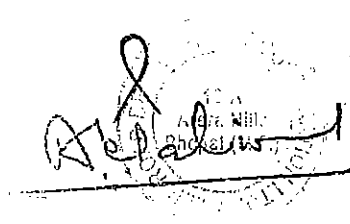
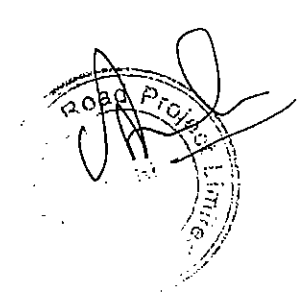
A handwritten signature in black ink is written over a circular stamp. The stamp contains the text "Sd/- Singhania" and "Delhi" around a central point.

(Schedule-H)

**List of Drawings**

[Note: The Authority shall describe in this Annex-I, all the Drawings that the Concessionaire is required to furnish under Clause 12.3. The list shall be in two parts, namely, Part-A specifying the Drawings for Four-Laning and ~~Part-B specifying the Drawings for Six-Laning.~~

1. Plan and Profile
2. GAD of ROB's
3. GAD of RUB's
4. Vehicular Under Passes
5. GAD of Bridges

A handwritten signature in black ink is written over a circular official stamp. The stamp contains some text, including "Road Project" and "Limited", but it is partially obscured by the signature.A handwritten signature in black ink is written over a circular official stamp. The stamp contains the text "Road Project" and "Limited" around its perimeter.

## SCHEDULE -I

*(See Clause 14.1.2)*

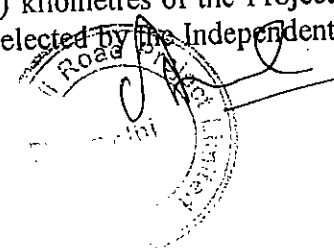
## TESTS

## 1 Schedule for Tests

- 1.1 The Concessionaire shall, no later than 30 (thirty) days prior to the likely completion of [Four-Laning], notify the Independent Engineer and the Authority of its intent to subject the Project Highway to Tests, and no later than 7 (seven) days prior to the actual date of Tests, furnish to the Independent Engineer and the Authority detailed inventory and particulars of all works and equipment forming part of [Four-Laning].
- 1.2 The Concessionaire shall notify the Independent Engineer of its readiness to subject the Project Highway to Tests at any time after 7 (seven) days from the date of such notice, and upon receipt of such notice, the Independent Engineer shall, in consultation with the Concessionaire, determine the date and time for each Test and notify the same to the Authority who may designate its representative to witness the Tests. The Independent Engineer shall thereupon conduct the Tests itself or cause any of the Tests to be conducted in accordance with Article 14 and this Schedule-I.

## 2 Tests

- 2.1 Visual and physical Test: The Independent Engineer shall conduct a visual and physical check of [Four-Laning] to determine that all works and equipment forming part thereof conform to the provisions of this Agreement.
- 2.2 Test drive: The Independent Engineer shall undertake a test drive of the Project Highway by a Car and by a fully loaded Truck to determine that the quality of service conforms to the provisions of the Agreement.
- 2.3 Riding quality Test: Riding quality of each lane of the carriageway shall be checked with the help of a calibrated bump integrator and the maximum permissible roughness for purposes of this Test shall be [1,800 (one thousand and eight hundred)] mm for each kilometre.
- 2.4 Pavement Composition Test: The thickness and composition of the pavement structure shall be checked on a sample basis by digging pits to determine conformity of such pavement structure with Specifications and Standards. The sample shall consist of one pit in each direction of travel to be chosen at random in each stretch of 5 (five) kilometres of the Project Highway. The first pit for the sample shall be selected by the Independent



Engineer through an open draw of lots and every fifth kilometre from such first pit shall form part of the sample for this pavement quality Test.

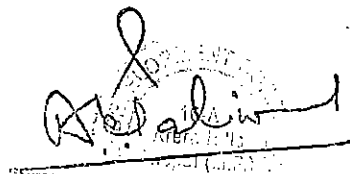
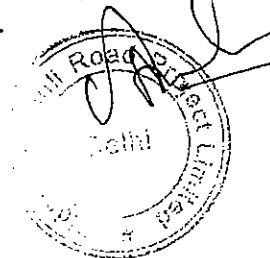
- 2.5 Cross-section Test: The cross-sections of the Project Highway shall be checked on a sample basis through physical measurement of their dimensions for determining the conformity thereof with Specifications and Standards. For the road portion, the sample shall consist of one spot to be selected at random in each stretch of 1 (one) kilometre of the Project Highway. The first spot for the sample shall be selected by the Independent Engineer through an open draw of lots and the spots located at every one kilometre from such first spot shall form part of the sample. For the bridge portion, one spot shall be selected at random by the Independent Engineer in each span of the bridge.
- 2.6 Structural Test for bridges: All major and minor bridges constructed by the Concessionaire shall be subjected to the Rebound Hammer and Ultrasonic Pulse Velocity tests, to be conducted in accordance with the procedure described in Special Report No. 17: 1996 of the IRC Highway Research Board on Non-destructive Testing Techniques, at two spots in every span, to be chosen at random by the Independent Engineer. Bridges with a span of 15 (fifteen) meters or more shall also be subjected to load testing.
- 2.7 Other Tests: The Independent Engineer may require the Concessionaire to carry out or cause to be carried additional Tests, in accordance with Good Industry Practice, for determining the compliance of the Project Highway with Specifications and Standards.
- 2.8 Environmental audit: The Independent Engineer shall carry out a check to determine conformity of the Project Highway with the environmental requirements set forth in Applicable Laws and Applicable Permits.
- 2.9 Safety review: Safety audit of the Project Highway shall have been undertaken by the Safety Consultant as set forth in Schedule-L, and on the basis of such audit, the Independent Engineer shall determine conformity of the Project Highway with the provisions of this Agreement.

### 3 Agency for conducting Tests

All Tests set forth in this Schedule-I shall be conducted by the Independent Engineer or such other agency or person as it may specify in consultation with the Authority.

### 4 Completion/Provisional Certificate

Upon successful completion of Tests, the Independent Engineer shall issue the Completion Certificate or the Provisional Certificate, as the case may be, in accordance with the provisions of Article 14.



## SCHEDULE -J

(See Clauses 14.2 &amp; 14.3)

## COMPLETION CERTIFICATE

- 1 I, ..... (Name of the Independent Engineer), acting as Independent Engineer, under and in accordance with the Concession Agreement dated ..... (the "Agreement"), for Four-Laning of the Sidhi-Singrauli section (km 83/4 to km 195/8 ) of National Highway No. 75-E (the "Project Highway") on design, build, finance, operate and transfer (DBFOT) basis, through ..... (Name of Concessionaire), hereby certify that the Tests specified in Article 14 and Schedule-I of the Agreement have been successfully undertaken to determine compliance of the Project Highway with the provisions of the Agreement, and I am satisfied that the Project Highway can be safely and reliably placed in commercial service of the Users thereof.
- 2 It is certified that, in terms of the aforesaid Agreement, all works forming part of Four-Laning]have been completed, and the Project Highway is hereby declared fit for entry into commercial operation on this the ..... day of ..... 20.....

SIGNED, SEALED AND DELIVERED

For and on behalf of

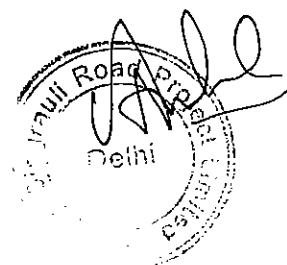
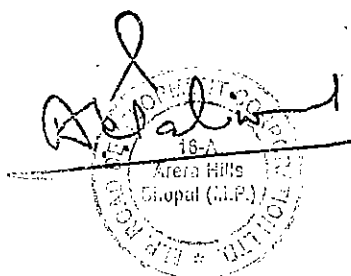
the INDEPENDENT ENGINEER  
by:

(Signature)

(Name)

(Designation)

(Address)



## PROVISIONAL CERTIFICATE

- 1 I, ..... (Name of the Independent Engineer), acting as Independent Engineer, under and in accordance with the Concession Agreement dated ..... (the "Agreement"), for Four-Laning of the \*\*\*\* section (km \*\* to km \*\*) of National Highway No. 75-E (the "Project Highway") on design, build, finance, operate and transfer (DBFOT) basis through ..... (Name of Concessionaire), hereby certify that the Tests specified in Article 14 and Schedule-I of the Agreement have been undertaken to determine compliance of the Project Highway with the provisions of the Agreement.
- 2 Construction Works that were found to be incomplete and/or deficient have been specified in the Punch List appended hereto, and the Concessionaire has agreed and accepted that it shall complete and/or rectify all such works in the time and manner set forth in the Agreement. (Some of the incomplete works have been delayed as a result of reasons attributable to the Authority or due to Force Majeure and the Provisional Certificate cannot be withheld on this account. Though the remaining incomplete works have been delayed as a result of reasons attributable to the Concessionaire,)<sup>@</sup> I am satisfied that having regard to the nature and extent of such incomplete works, it would not be prudent to withhold commercial operation of the Project Highway, pending completion thereof.
- 3 In view of the foregoing, I am satisfied that the Project Highway can be safely and reliably placed in commercial service of the Users thereof, and in terms of the Agreement, the Project Highway is hereby provisionally declared fit for entry into commercial operation on this the ..... day of ..... 20.....

ACCEPTED, SIGNED, SEALED

AND DELIVERED

For and on behalf of

CONCESSIONAIRE by:

ENGINEER by:

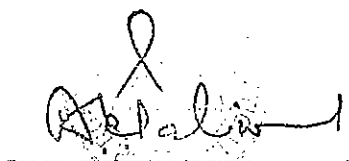
SIGNED, SEALED AND

DELIVERED

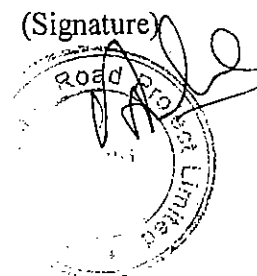
For and on behalf of

INDEPENDENT

(Signature)



(Signature)



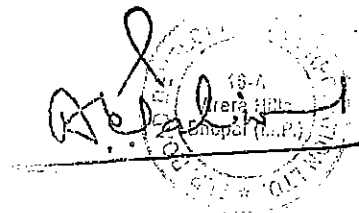
(Name and Designation)  
Designation)

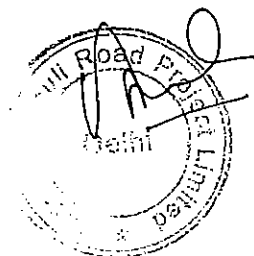
(Address)

(Name and

(Address)

@ Strike out if not applicable.

A handwritten signature in black ink is written over a circular official stamp. The stamp contains the text "19-A", "Ministry of Transport", "Government of India", and "New Delhi".

A handwritten signature in black ink is written over a circular official stamp. The stamp contains the text "National Road Transport Corporation", "New Delhi", and "India".

## SCHEDULE -K

*(See Clause 17.2)***MAINTENANCE REQUIREMENTS****1 Maintenance Requirements**

1.1 The Concessionaire shall, at all times, operate and maintain the Project Highway in accordance with the provisions of the Agreement, Applicable Laws and Applicable Permits. In particular, the Concessionaire shall, at all times during the Operation Period, conform to the maintenance requirements set forth in this Schedule-K (the "Maintenance Requirements").

1.2 The Concessionaire shall repair or rectify any defect or deficiency set forth in Paragraph 2 of this Schedule-K within the time limit specified therein and any failure in this behalf shall constitute a breach of the Agreement. Upon occurrence of any breach hereunder, the Authority shall be entitled to recover Damages as set forth in Clause 17.8 of the Agreement, without prejudice to the rights of the Authority under the Agreement, including Termination thereof.

**2 Repair/rectification of defects and deficiencies**

The obligations of the Concessionaire in respect of Maintenance Requirements shall include repair and rectification of the defects and deficiencies specified in Annex - I of this Schedule - K within the time limit set forth therein.

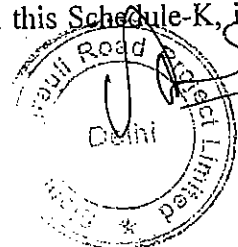
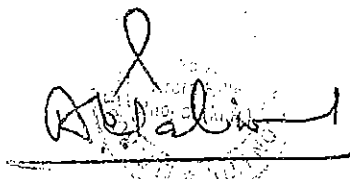
**3 Other defects and deficiencies**

3.1 In respect of any defect or deficiency not specified in Annex - I of this Schedule-K, the Concessionaire shall undertake repair or rectification in accordance with Good Industry Practice.

3.2 In respect of any defect or deficiency not specified in Annex - I of this Schedule-K, the Independent Engineer may, in conformity with Good Industry Practice, specify the permissible limit of deviation or deterioration with reference to the Specifications and Standards, and any deviation or deterioration beyond the permissible limit shall be repaired or rectified by the Concessionaire within the time limit specified by the Independent Engineer.

**4 Extension of time limit**

Notwithstanding anything to the contrary specified in this Schedule-K, if



the nature and extent of any defect or deficiency justifies more time for its repair or rectification than the time specified herein, the Concessionaire shall be entitled to additional time in conformity with Good Industry Practice. Such additional time shall be determined by the Independent Engineer and conveyed to the Concessionaire and the Authority with reasons thereof.

**5 Emergency repairs/restoration**

Notwithstanding anything to the contrary contained in this Schedule-K, if any defect, deficiency or deterioration in the Project Highway poses a hazard to safety or risk of damage to property, the Concessionaire shall promptly take all reasonable measures for eliminating or minimizing such danger.

**6 Daily Inspection by the Concessionaire**

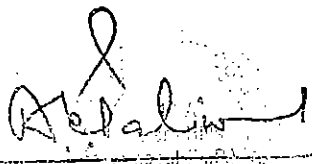
The Concessionaire shall, through its engineer, undertake a daily visual inspection of the Project Highway and maintain a record thereof in a register to be kept in such form and manner as the Independent Engineer may specify. Such record shall be kept in safe custody of the Concessionaire and shall be open to inspection by the Authority and the Independent Engineer at any time during office hours.

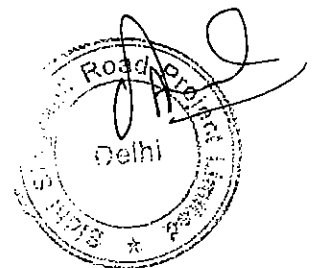
**7 Divestment Requirements**

All defects and deficiencies specified in this Schedule-K shall be repaired and rectified by the Concessionaire so that the Project Highway conforms to the Maintenance Requirements on the Transfer Date.

**8 Display of Schedule - K**

The Concessionaire shall display a copy of this Schedule-K at the Toll Plaza[s] along with the Complaint Register stipulated in Article 46.





## Annex - I

(Schedule-K)

**Repair/Rectification of Defects and Deficiencies**

The Concessionaire shall repair and rectify the defects and deficiencies specified in this Annex-I of Schedule-K within the time limit set forth herein.<sup>1</sup>

Nature of defect or deficiency

Time limit for  
repair/ rectification**ROADS****(a) Carriageway and paved shoulders**

(i) Breach or blockade

- Temporary /  
restoration

of traffic within

24 hours; permanent  
restoration within 15  
days(ii) Roughness value exceeding 2,500 mm in a stretch  
of 1 km (as measured by a standardised  
roughometer/bump integrator)

- 180 days

(iii) Pot holes

- 48 hours

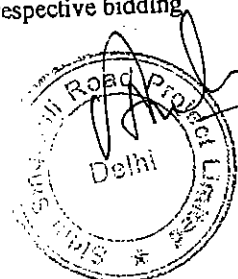
(iv) Cracking in more than 5% of road surface in a  
stretch of 1 km

- 30 days

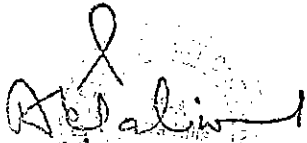
<sup>1</sup>MORT&H may, in consultation with IRC, by order modify the values and periods specified herein, but such modification shall take effect only if it is included in the respective bidding documents.

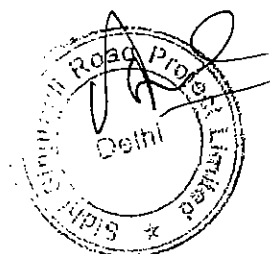


A. Palani



- (v) Rutting exceeding 10 mm in more than 2% of road surface in a stretch of 1 km (measured with 3 m straight edge) - 30 days
- (vi) Bleeding/skidding - 7 days
- (vii) Ravelling/Stripping of bitumen surface exceeding 10 sq m - 15 days
- (viii) Damage to pavement edges exceeding 10 cm - 15 days
- (ix) Removal of debris - 6 hours
- (b) Hard/earth shoulders, side slopes, drains and culverts**
  - (i) Variation by more than 2% in the prescribed slope of camber/cross fall - 30 days
  - (ii) Edge drop at shoulders exceeding 40 mm - 7 days
  - (iii) Variation by more than 15% in the prescribed side (embankment) slopes - 30 days
  - (iv) Rain cuts/gullies in slope - 7 days
  - (v) Damage to or silting of culverts and side drains during and immediately preceding the rainy season - 7 days
  - (vi) Desilting of drains in - 48 hours

  
A. K. Ali



urban/semi-urban areas

**(c) Road side furniture including road signs and pavement marking**

- (i) Damage to shape or position; - 48 hours  
poor visibility or loss of retro-reflectivity

**(d) Street lighting and telecom (ATMS)**

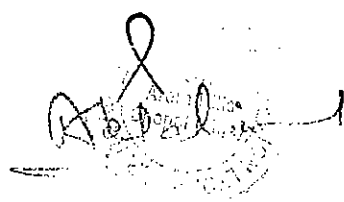
- (i) Any major failure of the system - 24 hours  
(ii) Faults and minor failures - 8 hours

**(e) Trees and plantation**

- (i) Obstruction in a minimum head-room of 5 m - 24 hours  
above carriageway or obstruction in visibility of  
road signs  
(ii) Deterioration in health of trees and bushes - Timely watering and  
treatment  
(iii) Replacement of trees and bushes - 90 days  
(iv) Removal of vegetation affecting sight line and - 15 days  
road structures

**(f) Rest areas**

- (i) Cleaning of toilets - Every 4 hours

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- (ii) Defects in electrical, water and sanitary installations - 24 hours
- (g) Toll plaza[s]
  - (i) Failure of toll collection equipment or lighting - 8 hours
  - (ii) Damage to toll plaza - 7 days
- (h) Other Project Facilities and Approach roads
  - (i) Damage or deterioration in Approach Roads, [pedestrian facilities, truck lay-bys, bus-bays, bus-shelters, cattle crossings, Traffic Aid Posts, Medical Aid Posts and other works] - 15 days

## BRIDGES

### (a) Superstructure of bridges

- (i) Cracks
  - Temporary measures - within 48 hours
  - Permanent measures - within 45 days
- (ii) Spalling/scaling - 15 days

### (b) Foundations of bridges

- (i) Scouring and/or cavitation - 15 days

### (c) Piers, abutments, return walls and wing walls of bridges



- (i) Cracks and damages including settlement and tilting - 30 days
- (d) Bearings (metallic) of bridges
  - (i) Deformation - 15 days
- (e) Joints in bridges
  - (i) Loosening and malfunctioning of joints - 15 days
- (f) Other items relating to bridges
  - (i) Deforming of pads in elastomeric bearings - 7 days
  - (ii) Gathering of dirt in bearings and joints; or clogging of spouts, weep holes and vent-holes - 3 days
  - (iii) Damage or deterioration in parapets and handrails - 3 days
  - (iv) Rain-cuts or erosion of banks of the side slopes of approaches - 15 days
  - (v) Damage to wearing coat - 15 days
  - (vi) Damage or deterioration in approach slabs, pitching, apron, toes, floor or guide bunds - 30 days
  - (vii) Growth of vegetation affecting the structure or obstructing the waterway - 15 days

*Abdullah*  
 Director (H.P.)

*Abdullah*

## SCHEDULE -L

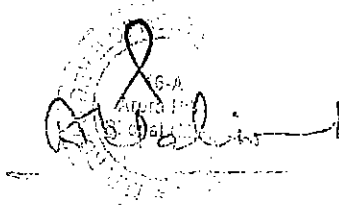
*(See Clause 18.1.1)***SAFETY REQUIREMENTS****1 Guiding principles**

- 1.1 Safety Requirements aim at reduction in injuries, loss of life and damage to property resulting from accidents on the Project Highway, irrespective of the person(s) at fault.
- 1.2 Users of the Project Highway include motorised and non-motorised vehicles as well as pedestrians and animals involved in, or associated with accidents. Vulnerable Road Users (VRU) include pedestrians as well as riders of motorised two-wheelers, bicycles and other vehicles which do not provide adequate occupant protection.
- 1.3 Safety Requirements apply to all phases of construction, operation and maintenance with emphasis on identification of factors associated with accidents, consideration of the same, and implementation of appropriate remedial measures.
- 1.4 Safety Requirements include measures associated with traffic management and regulation such as road signs, pavement marking, traffic control devices, roadside furniture, highway design elements, enforcement and emergency response.

**2 Obligations of the Concessionaire**

The Concessionaire shall abide by the following insofar as they relate to safety of the Users:

- (a) Applicable Laws and Applicable Permits;
- (b) Manual for Safety in Road Design, issued by MORT&H;
- (c) relevant Standards/Guidelines of IRC relating to safety, road geometrics, bridges, culverts, road signs, pavement marking and roadside furniture;



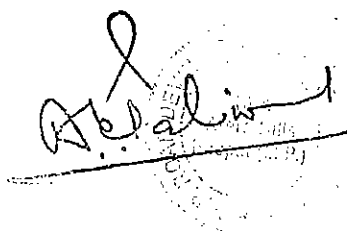
- (d) provisions of this Agreement; and
- (e) Good Industry Practice.

### 3 Appointment of Safety Consultant

For carrying out safety audit of the Project Highway under and in accordance with this Schedule-L, the Authority shall appoint from time to time, one or more qualified firms or organisations as its consultants (the "Safety Consultant"). The Safety Consultant shall employ a team comprising, without limitation, one road safety expert and one traffic planner to undertake safety audit of the Project Highway.

### 4 Safety measures during Development Period

- 4.1 No later than 90 (ninety) days from the date of this Agreement, the Authority shall appoint a Safety Consultant for carrying out safety audit at the design stage of the Project. The Safety Consultant shall collect data on all fatal crashes and other road accidents which occurred on the Project Highway in the preceding two years by obtaining copies of the relevant First Information Reports (FIRs) from the police stations having jurisdiction. The information contained in such FIRs shall be summarised in the form prescribed by IRC/MORT&H for this purpose and the data shall be analysed for the type of victims killed or injured, impacting vehicles, location of accidents and other relevant factors.
- 4.2 The Concessionaire shall provide to the Safety Consultant, in four copies, the relevant drawings containing the design details that have a bearing on safety of Users (the "Safety Drawings"). Such design details shall include horizontal and vertical alignments; sightlines; layouts of intersections; interchanges; road cross-section; bridges and culverts; side drains; provision for parked vehicles, slow moving vehicles (tractors, bullock carts, bicycles) and pedestrians; bus bays; truck lay-bys; and other incidental or consequential information. The Safety Consultant shall review the design details and forward three copies of the Safety Drawings with its recommendations, if any, to the Independent Engineer who shall record its comments, if any, and forward one copy each to the Authority and the Concessionaire.
- 4.3 The accident data and the design details shall be compiled, analysed and used by the Safety Consultant for evolving a package of recommendations



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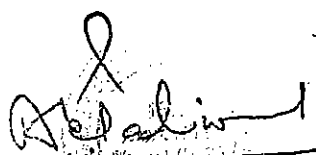

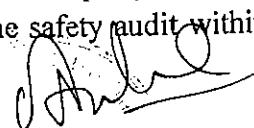


consisting of safety related measures for the Project Highway. The safety audit shall be completed in a period of three months and a report thereof (the "Safety Report") shall be submitted to the Authority, in five copies. One copy each of the Safety Report shall be forwarded by the Authority to the Concessionaire and the Independent Engineer forthwith.

- 4.4 The Concessionaire shall endeavour to incorporate the recommendations of the Safety Report in the design of the Project Highway, as may reasonably be required in accordance with Applicable Laws, Applicable Permits, Manuals and Guidelines of MORT&H and IRC, Specifications and Standards, and Good Industry Practice. If the Concessionaire does not agree with any or all of such recommendations, it shall state the reasons thereof and convey them to the Authority forthwith. In the event that any or all of the works and services recommended in the Safety Report fall beyond the scope of Schedule-B, Schedule-C or Schedule-D, the Concessionaire shall make a report thereon and seek the instructions of the Authority for funding such works in accordance with the provisions of Article 18.
- 4.5 Without prejudice to the provisions of Paragraph 4.4, the Concessionaire and the Independent Engineer shall, within 15 (fifteen) days of receiving the Safety Report, send their respective comments thereon to the Authority, and no later than 15 (fifteen) days of receiving such comments, the Authority shall review the same alongwith the Safety Report and by notice direct the Concessionaire to carry out any or all of the recommendations contained therein with such modifications as the Authority may specify; provided that any works or services required to be undertaken hereunder shall be governed by the provisions of Article 18.

## 5 Safety measures during Construction Period

- 5.1 A Safety Consultant shall be appointed by the Authority, no later than 4 (four) months prior to the expected Project Completion Date, for carrying out a safety audit of the completed Construction Works.
- 5.2 The Safety Consultant shall collect and analyse the accident data for the preceding two years in the manner specified in Paragraph 4.1 of this Schedule-L. It shall study the Safety Report for the Development Period and inspect the Project Highway to assess the adequacy of safety measures. The Safety Consultant shall complete the safety audit within a

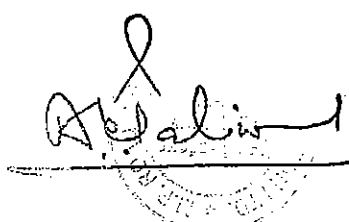
  



period of 4 (four) months and submit a Safety Report recommending a package of additional road safety measures, if any, that are considered essential for reducing accident hazards on the Project Highway. Such recommendations shall be processed, *mutatis mutandis*, and acted upon in the manner set forth in Paragraphs 4.3, 4.4 and 4.5 of this Schedule-L.

- 5.3 The Concessionaire shall make adequate arrangements during the Construction Period for the safety of workers and road Users in accordance with the guidelines of IRC for safety in construction zones, and notify the Authority and the Independent Engineer about such arrangements.

**6 Safety measures during Operation Period**

- 6.1 The Concessionaire shall develop, implement and administer a surveillance and safety programme for Users, including correction of safety violations and deficiencies and all other actions necessary to provide a safe environment in accordance with this Agreement.
- 6.2 The Concessionaire shall establish a Highway Safety Management Unit (the "HSMU") to be functional on and after COD, and designate one of its officers to be in-charge of the HSMU. Such officer shall have specialist knowledge and training in road safety and traffic engineering by having attended a course conducted by a reputed organisation on the subject.
- 6.3 The Concessionaire shall keep a copy of every FIR recorded by the Police with respect to any accident occurring on the Project Highway. In addition, the Concessionaire shall also collect data for all cases of accidents not recorded by the Police but where a vehicle rolled over or had to be towed away. The information so collected shall be summarised in the form prescribed by IRC/ MORT&H for this purpose. The Concessionaire shall also record the exact location of each accident on a road map. The aforesaid data shall be submitted to the Authority at the conclusion of every quarter and to the Safety Consultant as and when appointed.
- 6.4 The Concessionaire shall submit to the Authority before the 31st (thirty first) May of each year, an annual report (in ten copies) containing, without limitation, a detailed listing and analysis of all accidents of the preceding Accounting Year and the measures taken by the Concessionaire



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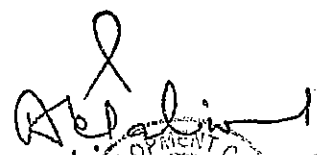
A. A. Ali


pursuant to the provisions of Paragraph 6.1 of this Schedule-L for averting or minimising such accidents in future.

- 6.5 Once in every Accounting Year, a safety audit shall be carried out by the Safety Consultant to be appointed by the Authority. It shall review and analyse the annual report and accident data of the preceding year, and undertake an inspection of the Project Highway. The Safety Consultant shall complete the safety audit within a period of 1 (one) month and submit a Safety Report recommending specific improvements, if any, required to be made to the road, bridges, culverts, markings, signs, road furniture and Project Facilities, including cattle crossings and pedestrian crossings. Such recommendations shall be processed, *mutatis mutandis*, and acted upon in the manner set forth in Paragraphs 4.3, 4.4 and 4.5 of this Schedule-L.

7 Costs and expenses

Costs and expenses incurred in connection with the Safety Requirements set forth herein, including the provisions of Paragraph 2 of this Schedule, shall be met in accordance with Article 18, and in particular, the remuneration of the Safety Consultant, safety audit, and costs incidental thereto, shall be met out of the Safety Fund.

  
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ARTICLE 18  
BILKIS

  
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ARTICLE 18  
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## SCHEDULE -M

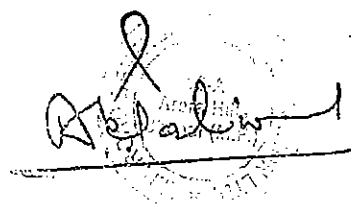
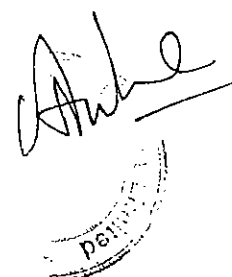
(See Clause 19.5)

## MONTHLY FEE STATEMENT

Project Highway:

Month:

Type of Vehicle	For corresponding month of previous		For preceding month		For the month reported upon		
	No. of Vehicles	Fee collected (in lakh	No. of Vehicles	Fee collected (in lakh	Fee per Vehicle (in Rs.)	No. of Vehicles	Fee collected (in lakh
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
A Car							
B LCV							
C Bus							
D Truck							
E Three – axel truck							
F Multi-axle Truck							
G Oversize d vehicle							
H Total							

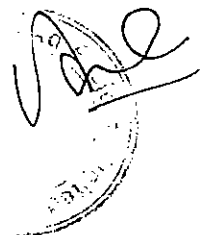
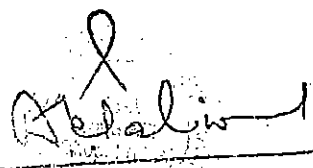





**Note 1:** The above statement does not include Local Users and vehicles travelling on Passes

**Note 2:** Monthly Fee Statements for Passes have been prepared separately in the above format and are enclosed.

**Remarks, if any:**

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## SCHEDULE -N

(See Clause 22.1)

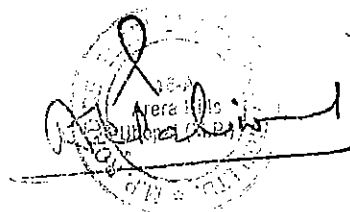
## WEEKLY TRAFFIC CENSUS

Project Highway:

Week ending:

Type of Vehicle	No. of vehicles using the Project Highway during		
	Corresponding week/last year	Preceding week	Week of report
(1)	(2)	(3)	(4)
<b>A Fee paying Traffic</b>			
A2 LCV			
A3 Bus			
A4 Truck			
A5 Three-axel Truck			
A6 Multi-axle Truck			
A7 Oversized vehicle			
<b>Total (A)</b>			
<b>B Local Users</b>			
<b>Total (B)</b>			
<b>C Exempted Vehicles</b>			
C2 Car			
C3 LCV			
C4 Bus			
C5 Truck			
C6 Tractor			
<b>Total (C)</b>			
<b>D Total Traffic (A+B-C)</b>			
D1 Motor Cycle			
D2 Car			
D3 LCV			
D4 Bus			
D5 Truck			
D6 Three-axel Truck			
D7 Multi-axle Truck			
D8 Oversized vehicle			
D8 Tractor			
<b>Grand Total (E)</b>			

Remarks WEEKLY REPORT FOR WEIGH STATIONS



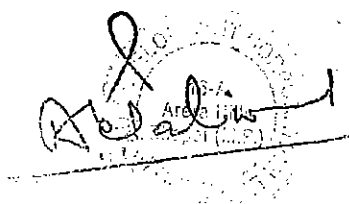
Project Highway:

Week ending:

Type of Vehicle	Permitted Gross Vehicle	No. of Vehicles weighed (Sample	No. of Vehicles carrying load:			
			Within permissible limits	Up to 10% in excess	Over 10% and up to 20% in	Over 20% in excess
(1)	(2)	(3)	(4)	(5)	(6)	(7)
A LCV						
B Truck						
C Three-axe Truck						
D Multi-axe Truck						
E Total						

Note: Sample size shall not be less than 200 Trucks per week and 20 Trucks per day, and should include a proportionate number of Multi-axe Trucks.

Remarks, if any:




## SCHEDULE -O

*(See Clause 22.3.1)***TRAFFIC SAMPLING****1 Traffic sampling**

The Authority may, in its discretion and at its own cost, undertake traffic sampling, pursuant to Clause 22.3, in order to determine the actual traffic on the Project Highway. Such traffic sampling shall be undertaken through the Independent Engineer in the manner set forth below.

**2 Manual traffic count**

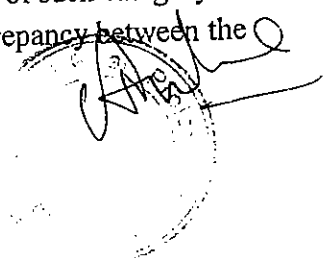
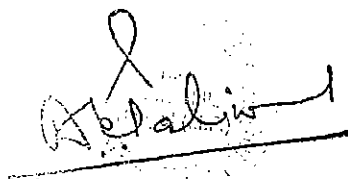
The Independent Engineer shall employ the required number of enumerators who shall count, classify and record all the vehicles as they pass by, and divide the survey into fixed time periods. The count stations shall be located near the Toll Plaza[s] on a straight section of the road with good visibility. The survey shall be conducted continuously for a minimum of 24 (twenty four) hours and maximum of 7 (seven) days at a time. The count period shall be 15 (fifteen) minutes with results summarised hourly.

**3 Automatic traffic count**

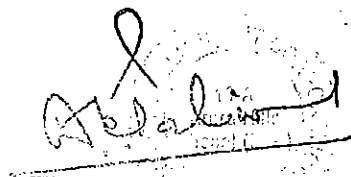
For automatic traffic count to be conducted on intermittent (non-continuous) basis, the Independent Engineer shall use suitable and standardised equipment to classify and record the range of vehicles passing through the Toll Plaza[s]. For this purpose, the counter shall be checked with at least 100 (one hundred) vehicles, including all major vehicle types, over a range of speeds to ensure that all vehicles are being counted and classified correctly.

**4 Variation between manual and automatic count**

Average Daily Traffic (ADT) for each type of vehicle shall be determined separately by the aforesaid two methods and in the event that the number of vehicles in any category, as counted by the manual method, varies by more than 1% (one per cent) of the number of such vehicles as counted by the automatic method, the manual and automatic count of such category of vehicles shall be repeated, and in the event of any discrepancy between the



two counts in the second enumeration, the average thereof shall be deemed to be the actual traffic. For the avoidance of doubt, it is expressly agreed that the Authority may, in consultation with the Concessionaire, adopt modified or alternative processes of traffic sampling for improving the reliability of such sampling.



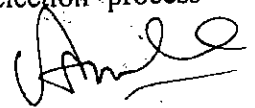
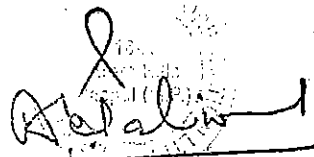
## SCHEDULE -P

(See Clause 23.1)

## SELECTION OF INDEPENDENT ENGINEER

## 1 Selection of Independent Engineer

- 1.1 The provisions of Part II of the Standard Bidding Documents for Consultancy Assignments: Time Based (Volume V) issued by the Ministry of Finance, GOI in July, 1997 or any substitute thereof shall apply, *mutatis mutandis*, for invitation of bids and evaluation thereof save as otherwise provided herein.
- 1.2 The Authority shall invite expressions of interest from consulting engineering firms or bodies corporate to undertake and perform the duties and functions set forth in Schedule-Q and thereupon shortlist 10 (ten) qualified firms in accordance with pre-determined criteria. The Authority shall convey the aforesaid list of firms to the Concessionaire for scrutiny and comments, if any. The Concessionaire shall be entitled to scrutinise the relevant records of the Authority to ascertain whether the selection of firms has been undertaken in accordance with the prescribed procedure and it shall send its comments, if any, to the Authority within 15 (fifteen) days of receiving the aforesaid list of firms. Upon receipt of such comments, if any, the Authority shall, after considering all relevant factors, finalise and constitute a panel of 10 (ten) firms (the "Panel of Firms") and convey its decision to the Concessionaire.
- 1.3 The Authority shall invite the aforesaid firms in the Panel of Firms to submit their respective technical and financial offers, each in a separate sealed cover. All the technical bids so received shall be opened and pursuant to the evaluation thereof, the Authority shall shortlist 3 (three) eligible firms on the basis of their technical scores. The financial bids in respect of such 3 (three) firms shall be opened and the order of priority as among these firms shall be determined on the basis of a weighted evaluation where technical and financial scores shall be assigned respective weights of 80:20.
- 1.4 In the event that the Authority shall follow the selection process specified in the Model RFP for selection of Technical Consultants, as published by the Ministry of Finance/ Planning Commission, the selection process



specified in this Schedule-P shall be deemed to be substituted by the provisions of the said Model RFP and the Concessionaire shall be entitled to scrutinise the relevant records forming part of such selection process.

## 2 Fee and expenses

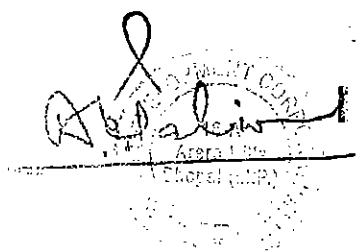
- 2.1 In determining the nature and quantum of duties and services to be performed by the Independent Engineer during the Development Period and Construction Period, the Authority shall endeavour that payments to the Independent Engineer on account of fee and expenses do not exceed 2% (two per cent) of the Total Project Cost. Payments not exceeding such 2% (two per cent) shall be borne equally by the Authority and the Concessionaire in accordance with the provisions of this Agreement and any payments in excess thereof shall be borne entirely by the Authority.
- 2.2 The nature and quantum of duties and services to be performed by the Independent Engineer during the Operation Period shall be determined by the Authority in conformity with the provisions of this Agreement and with due regard for economy in expenditure. All payments made to the Independent Engineer on account of fee and expenses during the Operation Period, [including the construction of Six-Laning,] shall be borne equally by the Authority and the Concessionaire.

## 3 Constitution of fresh panel

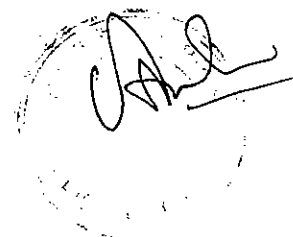
No later than 3 (three) years from the date of this Agreement, and every 3 (three) years thereafter, the Authority shall prepare a fresh panel of firms in accordance with the criteria set forth in this Schedule-P; provided that the Authority may, at any time, prepare a fresh panel with prior written consent of the Concessionaire.

## 4 Appointment of government entity as Independent Engineer

Notwithstanding anything to the contrary contained in this Schedule, the Authority may in its discretion appoint a government-owned entity as the Independent Engineer; provided that such entity shall be a body corporate having as one of its primary function the provision of consulting, advisory and supervisory services for engineering projects; provided further that a government-owned entity which is owned or controlled by the Authority and/or MORT&H shall not be eligible for appointment as Independent Engineer.



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Handwritten signature and circular stamp of the Concessionaire.

## SCHEDULE -Q

(See Clause 23.2.1)

**TERMS OF REFERENCE FOR INDEPENDENT ENGINEER****1 Scope**

1.1 These Terms of Reference for the Independent Engineer (the "TOR") are being specified pursuant to the Concession Agreement dated ..... (the "Agreement"), which has been entered into between the Authority and ..... (the "Concessionaire") for Four-Laning of the Sidhi-Singrauli section (km 83/4 to km 195/8 of National Highway No. 75-E in the State on design, build, finance, operate and transfer (DBFOT) basis, and a copy of which is annexed hereto and marked as Annex-A to form part of this TOR.

1.2 This TOR shall apply to construction, operation and maintenance of the Four-Lane Project Highway, and shall apply, *mutatis mutandis*, thereof.

**2 Definitions and interpretation**

2.1 The words and expressions beginning with or in capital letters used in this TOR and not defined herein but defined in the Agreement shall have, unless repugnant to the context, the meaning respectively assigned to them in the Agreement.

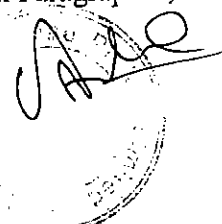
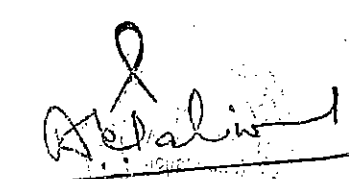
2.2 References to Articles, Clauses and Schedules in this TOR shall, except where the context otherwise requires, be deemed to be references to the Articles, Clauses and Schedules of the Agreement, and references to Paragraphs shall be deemed to be references to Paragraphs of this TOR.

2.3 The rules of interpretation stated in Clauses 1.2, 1.3 and 1.4 of the Agreement shall apply, *mutatis mutandis*, to this TOR.

**3 Role and functions of the Independent Engineer**

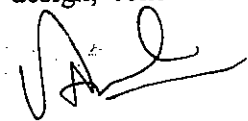
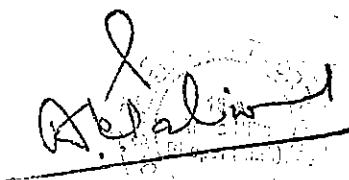
3.1 The role and functions of the Independent Engineer shall include the following:

- (i) review of the Drawings and Documents as set forth in Paragraph 4;
- (ii) review, inspection and monitoring of Construction Works as set forth in Paragraph 5;
- (iii) conducting Tests on completion of construction and issuing Completion/ Provisional Certificate as set forth in Paragraph 5;





- (iv) review, inspection and monitoring of O&M as set forth in Paragraph 6;
  - (v) review, inspection and monitoring of Divestment Requirements as set forth in Paragraph 7;
  - (vi) determining, as required under the Agreement, the costs of any works or services and/or their reasonableness;
  - (vii) determining, as required under the Agreement, the period or any extension thereof, for performing any duty or obligation;
  - (viii) assisting the Parties in resolution of disputes as set forth in Paragraph 9; and
  - (ix) undertaking all other duties and functions in accordance with the Agreement.
- 3.2 The Independent Engineer shall discharge its duties in a fair, impartial and efficient manner, consistent with the highest standards of professional integrity and Good Industry Practice.
- 4 Development Period**
- 4.1 During the Development Period, the Independent Engineer shall undertake a detailed review of the Drawings to be furnished by the Concessionaire along with supporting data, including the geo-technical and hydrological investigations, characteristics of materials from borrow areas and quarry sites, topographical surveys and traffic surveys. The Independent Engineer shall complete such review and send its comments/observations to the Authority and the Concessionaire within 15 (fifteen) days of receipt of such Drawings. In particular, such comments shall specify the conformity or otherwise of such Drawings with the Scope of the Project and Specifications and Standards.
- 4.2 The Independent Engineer shall review any modified Drawings or supporting Documents sent to it by the Concessionaire and furnish its comments within 7 (seven) days of receiving such Drawings or Documents.
- 4.3 The Independent Engineer shall review the Drawings sent to it by the Safety Consultant in accordance with Schedule-L and furnish its comments thereon to the Authority and the Concessionaire within 7 (seven) days of receiving such Drawings. The Independent Engineer shall also review the Safety Report and furnish its comments thereon to the Authority within 15 (fifteen) days of receiving such report.
- 4.4 The Independent Engineer shall review the detailed design, construction

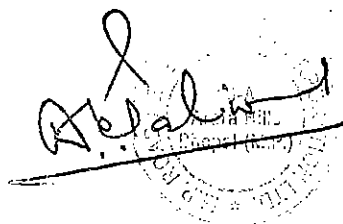


methodology, quality assurance procedures and the procurement, engineering and construction time schedule sent to it by the Concessionaire and furnish its comments within 15 (fifteen) days of receipt thereof.

- 4.5 Upon reference by the Authority, the Independent Engineer shall review and comment on the EPC Contract or any other contract for construction, operation and maintenance of the Project Highway, and furnish its comments within 7 (seven) days from receipt of such reference from the Authority.

## 5 Construction Period

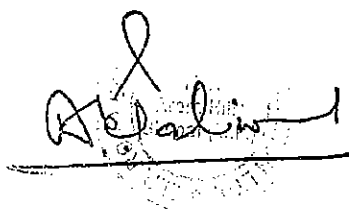
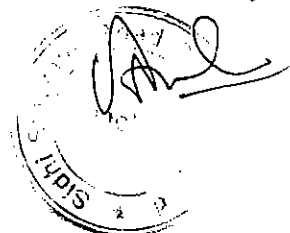
- 5.1 In respect of the Drawings, Documents and Safety Report received by the Independent Engineer for its review and comments during the Construction Period, the provisions of Paragraph 4 shall apply, *mutatis mutandis*.
- 5.2 The Independent Engineer shall review the monthly progress report furnished by the Concessionaire and send its comments thereon to the Authority and the Concessionaire within 7 (seven) days of receipt of such report.
- 5.3 The Independent Engineer shall inspect the Construction Works and the Project Highway once every month, preferably after receipt of the monthly progress report from the Concessionaire, but before the 20th (twentieth) day of each month in any case, and make out a report of such inspection (the "Inspection Report") setting forth an overview of the status, progress, quality and safety of construction, including the work methodology adopted, the materials used and their sources, and conformity of Construction Works with the Scope of the Project and the Specifications and Standards. In a separate section of the Inspection Report, the Independent Engineer shall describe in reasonable detail the lapses, defects or deficiencies observed by it in the construction of the Project Highway. The Inspection Report shall also contain a review of the maintenance of the existing lanes in conformity with the provisions of the Agreement. The Independent Engineer shall send a copy of its Inspection Report to the Authority and the Concessionaire within 7 (seven) days of the inspection.
- 5.4 The Independent Engineer may inspect the Project Highway more than once in a month if any lapses, defects or deficiencies require such inspections.
- 5.5 For determining that the Construction Works conform to Specifications and Standards, the Independent Engineer shall require the Concessionaire to carry out, or cause to be carried out, tests on a sample basis, to be





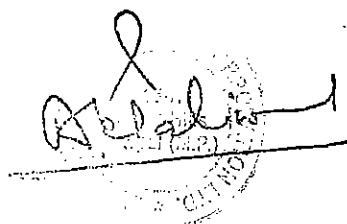
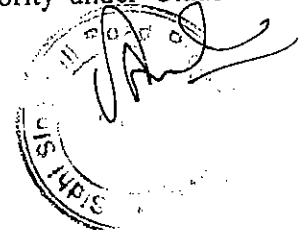
for the safety of workers and Users in the zone of construction or that any work is being carried out in a manner that threatens the safety of the workers and the Users, it shall make a recommendation to the Authority forthwith, identifying the whole or part of the Construction Works that should be suspended for ensuring safety in respect thereof.

- 5.11 In the event that the Concessionaire carries out any remedial measures to secure the safety of suspended works and Users, it may, by notice in writing, require the Independent Engineer to inspect such works, and within 3 (three) days of receiving such notice, the Independent Engineer shall inspect the suspended works and make a report to the Authority forthwith, recommending whether or not such suspension may be revoked by the Authority.
- 5.12 If suspension of Construction Works is for reasons not attributable to the Concessionaire, the Independent Engineer shall determine the extension of dates set forth in the Project Completion Schedule, to which the Concessionaire is reasonably entitled, and shall notify the Authority and the Concessionaire of the same.
- 5.13 The Independent Engineer shall carry out, or cause to be carried out, all the Tests specified in Schedule-I and issue a Completion Certificate or Provisional Certificate, as the case may be. For carrying out its functions under this Paragraph 5.13 and all matters incidental thereto, the Independent Engineer shall act under and in accordance with the provisions of Article 14 and Schedule-I.
- 5.14 Upon reference from the Authority, the Independent Engineer shall make a fair and reasonable assessment of the costs of providing information, works and services as set forth in Article 16 and certify the reasonableness of such costs for payment by the Authority to the Concessionaire.
- 5.15 The Independent Engineer shall aid and advise the Concessionaire in preparing the Maintenance Manual.
- 6 Operation Period**
- 6.1 In respect of the Drawings, Documents and Safety Report received by the Independent Engineer for its review and comments during the Operation Period, the provisions of Paragraph 4 shall apply, *mutatis mutandis*.
- 6.2 The Independent Engineer shall review the annual Maintenance Programme furnished by the Concessionaire and send its comments thereon to the Authority and the Concessionaire within 15 (fifteen) days of receipt of the Maintenance Programme.
- 6.3 The Independent Engineer shall review the monthly status report furnished by the Concessionaire and send its comments thereon to the Authority and

the Concessionaire within 7 (seven) days of receipt of such report.

- 6.4 The Independent Engineer shall inspect the Project Highway once every month, preferably after receipt of the monthly status report from the Concessionaire, but before the 20th (twentieth) day of each month in any case, and make out an O&M Inspection Report setting forth an overview of the status, quality and safety of O&M including its conformity with the Maintenance Requirements and Safety Requirements. In a separate section of the O&M Inspection Report, the Independent Engineer shall describe in reasonable detail the lapses, defects or deficiencies observed by it in O&M of the Project Highway. The Independent Engineer shall send a copy of its O&M Inspection Report to the Authority and the Concessionaire within 7 (seven) days of the inspection.
- 6.5 The Independent Engineer may inspect the Project Highway more than once in a month, if any lapses, defects or deficiencies require such inspections.
- 6.6 The Independent Engineer shall in its O&M Inspection Report specify the tests, if any, that the Concessionaire shall carry out, or cause to be carried out, for the purpose of determining that the Project Highway is in conformity with the Maintenance Requirements. It shall monitor and review the results of such tests and the remedial measures, if any, taken by the Concessionaire in this behalf.
- 6.7 In respect of any defect or deficiency referred to in Paragraph 3 of Schedule-K, the Independent Engineer shall, in conformity with Good Industry Practice, specify the permissible limit of deviation or deterioration with reference to the Specifications and Standards and shall also specify the time limit for repair or rectification of any deviation or deterioration beyond the permissible limit.
- 6.8 The Independent Engineer shall determine if any delay has occurred in completion of repair or remedial works in accordance with the Agreement, and shall also determine the Damages, if any, payable by the Concessionaire to the Authority for such delay.
- 6.9 The Independent Engineer shall examine the request of the Concessionaire for closure of any lane(s) of the carriageway for undertaking maintenance/repair thereof, keeping in view the need to minimise disruption in traffic and the time required for completing such maintenance/repair in accordance with Good Industry Practice. It shall grant permission with such modifications, as it may deem necessary, within 3 (three) days of receiving a request from the Concessionaire. Upon expiry of the permitted period of closure, the Independent Engineer shall monitor the re-opening of such lane(s), and in case of delay, determine the Damages payable by the Concessionaire to the Authority under Clause

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- 6.10 The Independent Engineer shall monitor and review the curing of defects and deficiencies by the Concessionaire as set forth in Clause 19.4.
- 6.11 In the event that the Concessionaire notifies the Independent Engineer of any modifications that it proposes to make to the Project Highway, the Independent Engineer shall review the same and send its comments to the Authority and the Concessionaire within 15 (fifteen) days of receiving the proposal.
- 6.12 The Independent Engineer shall undertake traffic sampling, as and when required by the Authority, under and in accordance with Article 22 and Schedule-O.

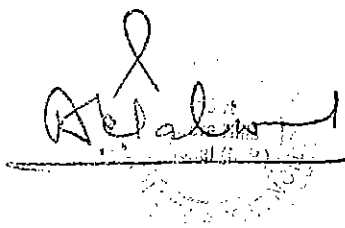
## 7 Termination

- 7.1 At any time, not earlier than 90 (ninety) days prior to Termination but not later than 15 (fifteen) days prior to such Termination, the Independent Engineer shall, in the presence of a representative of the Concessionaire, inspect the Project Highway for determining compliance by the Concessionaire with the Divestment Requirements set forth in Clause 38.1 and, if required, cause tests to be carried out at the Concessionaire's cost for determining such compliance. If the Independent Engineer determines that the status of the Project Highway is such that its repair and rectification would require a larger amount than the sum set forth in Clause 39.2, it shall recommend retention of the required amount in the Escrow Account and the period of retention thereof.
- 7.2 The Independent Engineer shall inspect the Project Highway once in every 15(fifteen) days during a period of 90 (ninety) days after Termination for determining the liability of the Concessionaire under Article 39, in respect of the defects or deficiencies specified therein. If any such defect or deficiency is found by the Independent Engineer, it shall make a report in reasonable detail and send it forthwith to the Authority and the Concessionaire.

## 8 Determination of costs and time

- 8.1 The Independent Engineer shall determine the costs, and/or their reasonableness, that are required to be determined by it under the Agreement.
- 8.2 The Independent Engineer shall determine the period, or any extension thereof, that is required to be determined by it under the Agreement.

## 9 Assistance in Dispute resolution



A. K. Sharma



A. K. Sharma

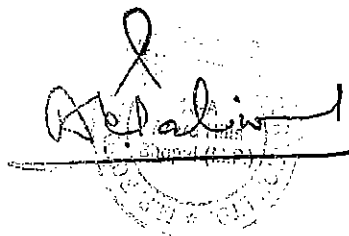
- 9.1 When called upon by either Party in the event of any Dispute, the Independent Engineer shall mediate and assist the Parties in arriving at an amicable settlement.
- 9.2 In the event of any disagreement between the Parties regarding the meaning, scope and nature of Good Industry Practice, as set forth in any provision of the Agreement, the Independent Engineer shall specify such meaning, scope and nature by issuing a reasoned written statement relying on good industry practice and authentic literature.

**10 Other duties and functions**

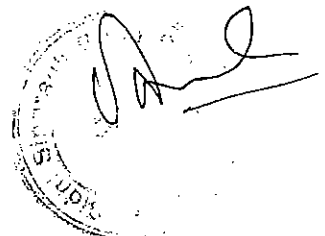
The Independent Engineer shall perform all other duties and functions specified in the Agreement.

**11 Miscellaneous**

- 11.1 The Independent Engineer shall notify its programme of inspection to the Authority and to the Concessionaire, who may, in their discretion, depute their respective representatives to be present during the inspection.
- 11.2 A copy of all communications, comments, instructions, Drawings or Documents sent by the Independent Engineer to the Concessionaire pursuant to this TOR, and a copy of all the test results with comments of the Independent Engineer thereon shall be furnished by the Independent Engineer to the Authority forthwith.
- 11.3 The Independent Engineer shall obtain, and the Concessionaire shall furnish in two copies thereof, all communications and reports required to be submitted, under this Agreement, by the Concessionaire to the Independent Engineer, whereupon the Independent Engineer shall send one of the copies to the Authority along with its comments thereon.
- 11.4 The Independent Engineer shall retain at least one copy each of all Drawings and Documents received by it, including 'as-built' Drawings, and keep them in its safe custody.
- 11.5 Upon completion of its assignment hereunder, the Independent Engineer shall duly classify and list all Drawings, Documents, results of tests and other relevant records, and hand them over to the Authority or such other person as the Authority may specify, and obtain written receipt thereof. Two copies of the said documents shall also be furnished in micro film form or in such other medium as may be acceptable to the Authority.



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## SCHEDULE -R

(See Clause 27.1.1)

## FEE NOTIFICATION

## MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

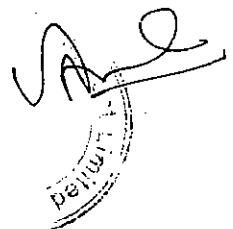
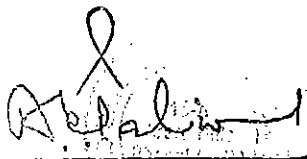
## NOTIFICATION

New Delhi, the ..... 20...

S.O.....Whereas, by the notification of the Government of India in the Ministry of Road Transport and Highways, number NH-75E dated the \*\*\*\*\*, issued under section 11 of the National Authority of India Act, 1988 (68 of 1988), the Central Government has entrusted the section of National Highway from Km 83/4 to Km 195/8 (Sidhi-Singrauli section) of National Highway No. 75E in the state of Madhya Pradesh to the Governor of the state of Madhya Pradesh acting through Managing Director MP Road Development Corporation Ltd., Public Works Department, Madhya Pradesh (hereinafter referred to as the "Authority")

And Whereas, pursuant to the provision of section 14 of the said Act, the Authority has entered into an agreement with.....having its Registered Office at .....(hereinafter referred to as "Concessionaire") for the development of the Sidhi-Singrauli section NH-75E from Km 83/4 to Km 195/8 (hereinafter referred to as the said section) of the National Highway No. 275E on Design, Build, Finance, Operate and Transfer (DBFOT) basis.

Now, therefore, in exercise of the powers conferred by section \*A of the National Highways Act, 1956 (48 of 1956), read with Rule 3 of the National Highways fee (Determination of rates and Collection) Rules, 2008 and amendment Rules 2010 including further amendements the Central Government, having regard to the expenditure involved in building, maintenance, management and operation of the said section of the said National Highway, interest on the capital invested, reasonable return, the volume of traffic and the period of said be levied and collected fees on mechanical vehicle for the use of the section from Km 83/4 to Km 195/8 (Sidhi-Singrauli section NH-75E) in the State of Madhya Pradesh at the rates specified in the aforesaid Rules and authorize the said Concessionaire to collect and retain the said fees on and from the date of commercial operation of the said section of national highway, subject

  
Secretary



to and in accordance with the said Rules and the provision of the aforesaid agreement.

The fee levied and collected hereunder shall be due and payable at the following Toll Plazas for the distance specified for each such Toll Plaza.

S.No.	Location of the Toll Plaza (Chainage)	Length (in Km) for which fee is payable
1	Chainage 118+700	42.60 Km
2	Chainage 179+900	60.00 Km

(In addition to the above, the fee levied and collected hereunder for the permanent bridge, bypass and tunnel, as the case may be, costing Rs. 50 cr. (Rupees fifty crore) or more and bypass costing more than Rs.10 crore (Rupees ten crore) as specified below shall be due and payable at the following Toll Plaza)

S.No	Location of Toll Plaza (Chainage)	Nature of structure	Cost(Crore)
1.	Chainage 118.700	Bypass (02 Nos.)	19.13
2.	Chainage 179.900	Bypass (03 Nos)	34.23

F.No. RW/NH.....

(Name)

Deputy Secretary

Government of India

*Abdul*

*MA*

## SCHEDULE -S

(See Clause 31.1.2)

**ESCROW AGREEMENT**

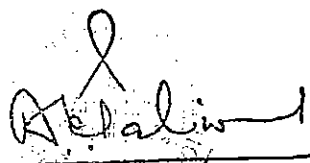

THIS ESCROW AGREEMENT is entered into on this the ..... day of .....  
20.... At Bhopal

**AMONGST**

- 1 ..... LIMITED, a company incorporated under the provisions of the Companies Act, 1956 and having its registered office at ..... (hereinafter referred to as the "Concessionaire" which expression shall, unless repugnant to the context or meaning thereof, include its successors, permitted assigns and substitutes);
- 2 .....name and particulars of Lenders' Representative and having its registered office at .....acting for and on behalf of the Senior Lenders as their duly authorised agent with regard to matters arising out of or in relation to this Agreement (hereinafter referred to as the "Lenders' Representative" which expression shall, unless repugnant to the context or meaning thereof, include its successors and substitutes);
- 3 .....name and particulars of the Escrow Bank and having its registered office at .....(hereinafter referred to as the "Escrow Bank" which expression shall, unless repugnant to the context or meaning thereof, include its successors and substitutes); and
- 4 MP Road Development Corporation Ltd., , established under the Companies Act, 1956, represented by its Managing Director and having its offices at 16-A, Arera Hills, Bhopal 462 011 (hereinafter referred to as the "Authority" which expression shall, unless repugnant to the context or meaning thereof, include its administrators, successors and assigns).

**WHEREAS:**

- (A) The Authority has entered into a Concession Agreement dated ..... with the Concessionaire (the "Concession Agreement") for Four- of the Sidhi-Singrauli section (km 83/4 to km 195/8 ) of National Highway No. 75-E in the State of Madhya Pradesh on design, build, finance, operate and transfer (DBFOT) basis, and a copy of which is annexed hereto and marked as Annex-A to form part of this Agreement.

- (B) Senior Lenders have agreed to finance the Project in accordance with the terms and conditions set forth in the Financing Agreements.
- (C) The Concession Agreement requires the Concessionaire to establish an Escrow Account, *inter alia*, on the terms and conditions stated therein.

NOW, THEREFORE, in consideration of the foregoing and the respective covenants and agreements set forth in this Agreement, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the Parties agree as follows:

## 1 DEFINITIONS AND INTERPRETATION

1.1 **Definitions** In this Agreement, the following words and expressions shall, unless repugnant to the context or meaning thereof, have the meaning hereinafter respectively assigned to them: "Agreement" means this Escrow Agreement and any amendment thereto made in accordance with the provisions contained herein; "Concession Agreement" means the Concession Agreement referred to in Recital (A) above and annexed hereto as Annex-A, and shall include all of its Recitals and Schedules and any amendments made thereto in accordance with the provisions contained in this behalf therein; "Cure Period" means the period specified in this Agreement for curing any breach or default of any provision of this Agreement by the Concessionaire, and shall commence from the date on which a notice is delivered by the Authority or the Lenders' Representative, as the case may be, to the Concessionaire asking the latter to cure the breach or default specified in such notice;

"Escrow Account" means an escrow account established in terms of and under this Agreement, and shall include the Sub-Accounts;

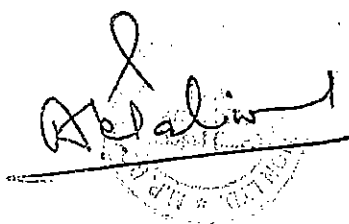
"Escrow Default" shall have the meaning ascribed thereto in Clause 6.1;

"Lenders' Representative" means the person referred to as the Lenders' Representative in the foregoing Recitals;

"Parties" means the parties to this Agreement collectively and "Party" shall mean any of the Parties to this Agreement individually;

"Payment Date" means, in relation to any payment specified in Clause 4.1, the date(s) specified for such payment; and

"Sub-Accounts" means the respective Sub-Accounts of the Escrow Account, into which the monies specified in Clause 4.1 would be credited




every month and paid out if due, and if not due in a month then appropriated proportionately in such month and retained in the respective Sub Accounts and paid out therefrom on the Payment Date(s).

## 1.2 Interpretation

- 1.2.1 References to Lenders' Representative shall, unless repugnant to the context or meaning thereof, mean references to the Lenders' Representative, acting for and on behalf of Senior Lenders.
- 1.2.2 The words and expressions beginning with capital letters and defined in this Agreement shall have the meaning ascribed thereto herein, and the words and expressions used in this Agreement and not defined herein but defined in the Concession Agreement shall, unless repugnant to the context, have the meaning ascribed thereto in the Concession Agreement.
- 1.2.3 References to Clauses are, unless stated otherwise, references to Clauses of this Agreement.
- 1.2.4 The rules of interpretation stated in Clauses 1.2, 1.3 and 1.4 of the Concession Agreement shall apply, *mutatis mutandis*, to this Agreement.

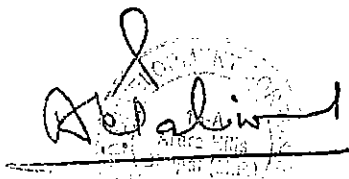

## 2 ESCROW ACCOUNT

### 2.1 Escrow Bank to act as trustee

- 2.1.1 The Concessionaire hereby appoints the Escrow Bank to act as trustee for the Authority, the Lenders' Representative and the Concessionaire in connection herewith and authorises the Escrow Bank to exercise such rights, powers, authorities and discretion as are specifically delegated to the Escrow Bank by the terms hereof together with all such rights, powers, authorities and discretion as are reasonably incidental hereto, and the Escrow Bank accepts such appointment pursuant to the terms hereof.
- 2.1.2 The Concessionaire hereby declares that all rights, title and interest in and to the Escrow Account shall be vested in the Escrow Bank and held in trust for the Authority, the Lenders' Representative and the Concessionaire, and applied in accordance with the terms of this Agreement. No person other than the Authority, the Lenders' Representative and the Concessionaire shall have any rights hereunder as the beneficiaries of, or as third party beneficiaries under this Agreement.

### 2.2 Acceptance of Escrow Bank

The Escrow Bank hereby agrees to act as such and to accept all payments and other amounts to be delivered to and held by the Escrow Bank pursuant to the provisions of this Agreement. The Escrow Bank shall hold and safeguard the Escrow Account during the term of this Agreement and

shall treat the amount in the Escrow Account as monies deposited by the Concessionaire, Senior Lenders or the Authority with the Escrow Bank. In performing its functions and duties under this Agreement, the Escrow Bank shall act in trust for the benefit of, and as agent for, the Authority, the Lenders' Representative and the Concessionaire or their nominees, successors or assigns, in accordance with the provisions of this Agreement.

### 2.3 Establishment and operation of Escrow Account

2.3.1 Within 30 (thirty) days from the date of this Agreement, and in any case prior to the Appointed Date, the Concessionaire shall open and establish the Escrow Account with the ..... (name of Branch) Branch of the Escrow Bank. The Escrow Account shall be denominated in Rupees.

2.3.2 The Escrow Bank shall maintain the Escrow Account in accordance with the terms of this Agreement and its usual practices and applicable regulations, and pay the maximum rate of interest payable to similar customers on the balance in the said account from time to time.

2.3.3 The Escrow Bank and the Concessionaire shall, after consultation with the Lenders' Representative, agree on the detailed mandates, terms and conditions, and operating procedures for the Escrow Account, but in the event of any conflict or inconsistency between this Agreement and such mandates, terms and conditions, or procedures, this Agreement shall prevail.

### 2.4 Escrow Bank's fee

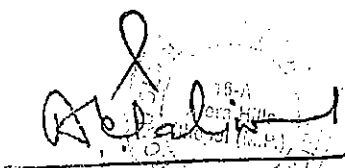

The Escrow Bank shall be entitled to receive its fee and expenses in an amount, and at such times, as may be agreed between the Escrow Bank and the Concessionaire. For the avoidance of doubt, such fee and expenses shall form part of the O&M Expenses and shall be appropriated from the Escrow Account in accordance with Clause 4.1.

### 2.5 Rights of the parties

The rights of the Authority, the Lenders' Representative and the Concessionaire in the monies held in the Escrow Account are set forth in their entirety in this Agreement and the Authority, the Lenders' Representative and the Concessionaire shall have no other rights against or to the monies in the Escrow Account.

### 2.6 Substitution of the Concessionaire

The Parties hereto acknowledge and agree that upon substitution of the Concessionaire with the Nominated Company, pursuant to the Substitution

Agreement, it shall be deemed for the purposes of this Agreement that the Nominated Company is a Party hereto and the Nominated Company shall accordingly be deemed to have succeeded to the rights and obligations of the Concessionaire under this Agreement on and with effect from the date of substitution of the Concessionaire with the Nominated Company.

### 3 DEPOSITS INTO ESCROW ACCOUNT

#### 3.1 Deposits by the Concessionaire

3.1.1 The Concessionaire agrees and undertakes that it shall deposit into and/or credit the Escrow Account with:

- (a) all monies received in relation to the Project from any source, including the Senior Lenders, lenders of Subordinated Debt and the Authority;
- (b) all funds received by the Concessionaire from its share-holders, in any manner or form;
- (c) all Fee levied and collected by the Concessionaire;
- (d) any other revenues, rentals, deposits or capital receipts, as the case may be, from or in respect of the Project Highway; and
- (e) all proceeds received pursuant to any insurance claims.

3.1.2 The Concessionaire may at any time make deposits of its other funds into the Escrow Account, provided that the provisions of this Agreement shall apply to such deposits.

#### 3.2 Deposits by the Authority

The Authority agrees and undertakes that, as and when due and payable, it shall deposit into and/or credit the Escrow Account with:

- (a) Grant and any other monies disbursed by the Authority to the Concessionaire;
- (b) Revenue Shortfall Loan;
- (c) all Fee collected by the Authority in exercise of its rights under the Concession Agreement; and
- (d) Termination Payments:

Provided that, notwithstanding the provisions of Clause 4.1.1, the Authority shall be entitled to appropriate from the aforesaid amounts, any Concession Fee due and payable to it by the Concessionaire, and the

balance remaining shall be deposited into the Escrow Account.

### 3.3 Deposits by Senior Lenders

The Lenders' Representative agrees, confirms and undertakes that the Senior Lenders shall deposit into and/or credit the Escrow Account with all disbursements made by them in relation to or in respect of the Project; provided that notwithstanding anything to the contrary contained in this Agreement, the Senior Lenders shall be entitled to make direct payments to the EPC Contractor under and in accordance with the express provisions contained in this behalf in the Financing Agreements.

### 3.4 Interest on deposits

The Escrow Bank agrees and undertakes that all interest accruing on the balances of the Escrow Account shall be credited to the Escrow Account; provided that the Escrow Bank shall be entitled to appropriate therefrom the fee and expenses due to it from the Concessionaire in relation to the Escrow Account and credit the balance remaining to the Escrow Account.

## 4 WITHDRAWALS FROM ESCROW ACCOUNT

### 4.1 Withdrawals during Concession Period

4.1.1 At the beginning of every month, or at such shorter intervals as the Lenders' Representative and the Concessionaire may by written instructions determine, the Escrow Bank shall withdraw amounts from the Escrow Account and appropriate them in the following order, by depositing such amounts in the relevant Sub-Accounts for making due payments, and if such payments are not due in any month, then retain such monies in such Sub-Accounts and pay out therefrom on the Payment Date(s):

- (a) all taxes due and payable by the Concessionaire for and in respect of the Project Highway;
- (b) all payments relating to construction of the Project Highway, subject to and in accordance with the conditions, if any, set forth in the Financing Agreements;
- (c) O&M Expenses, subject to the ceiling, if any, set forth in the Financing Agreements;
- (d) O&M Expenses incurred by the Authority, provided it certifies to the Escrow Bank that it had incurred such expenses in accordance with the provisions of the Concession Agreement and that the amounts claimed are due to it from the Concessionaire;

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Handwritten signature and circular stamp of the Multi Road Project. The stamp contains the text "Multi Road Project".

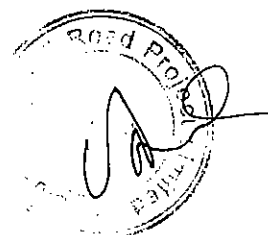
- (e) Concession Fee due and payable to the Authority;
- (f) monthly proportionate provision of Debt Service due in an Accounting Year;
- {(g) Premium due and payable to the Authority;}
- (h) all payments and Damages certified by the Authority as due and payable to it by the Concessionaire pursuant to the Concession Agreement, including repayment of Revenue Shortfall Loan;
- (i) monthly proportionate provision of debt service payments due in an Accounting Year in respect of Subordinated Debt;
- (j) any reserve requirements set forth in the Financing Agreements; and
- (k) balance, if any, in accordance with the instructions of the Concessionaire.

4.1.2 No later than 60 (sixty) days prior to the commencement of each Accounting Year, the Concessionaire shall provide to the Escrow Bank, with prior written approval of the Lenders' Representative, details of the amounts likely to be required for each of the payment obligations set forth in this Clause 4.1; provided that such amounts may be subsequently modified, with prior written approval of the Lenders' Representative, if fresh information received during the course of the year makes such modification necessary.

#### 4.2 Withdrawals upon Termination

Upon Termination of the Concession Agreement, all amounts standing to the credit of the Escrow Account shall, notwithstanding anything in this Agreement, be appropriated and dealt with in the following order:

- (a) all taxes due and payable by the Concessionaire for and in respect of the Project Highway;
- (b) 90% (ninety per cent) of Debt Due excluding Subordinated Debt;
- (c) outstanding Concession Fee;
- (d) all payments and Damages certified by the Authority as due and payable to it by the Concessionaire pursuant to the Concession Agreement, including {Premium,} repayment of Revenue Shortfall Loan and any claims in connection with or arising out of Termination;



- (e) retention and payments arising out of, or in relation to, liability for defects and deficiencies set forth in Article 39 of the Concession Agreement;
- (f) outstanding Debt Service including the balance of Debt Due;
- (g) outstanding Subordinated Debt;
- (h) incurred or accrued O&M Expenses;
- (i) any other payments required to be made under the Concession Agreement; and
- (j) balance, if any, in accordance with the instructions of the Concessionaire:

Provided that the disbursements specified in Sub-clause (j) of this Clause 4.2 shall be undertaken only after the Vesting Certificate has been issued by the Authority.

#### 4.3 Application of insufficient funds

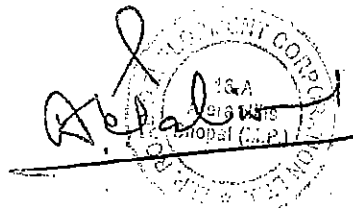
Funds in the Escrow Account shall be applied in the serial order of priority set forth in Clauses 4.1 and 4.2, as the case may be. If the funds available are not sufficient to meet all the requirements, the Escrow Bank shall apply such funds in the serial order of priority until exhaustion thereof.

#### 4.4 Application of insurance proceeds

Notwithstanding anything in this Agreement, the proceeds from all insurance claims, except life and injury, shall be deposited into and/or credited to the Escrow Account and utilised for any necessary repair, reconstruction, reinstatement, replacement, improvement, delivery or installation of the Project Highway, and the balance remaining, if any, shall be applied in accordance with the provisions contained in this behalf in the Financing Agreements.

#### 4.5 Withdrawals during Suspension

Notwithstanding anything to the contrary contained in this Agreement, the Authority may exercise all or any of the rights of the Concessionaire during the period of Suspension under Article 36 of the Concession Agreement. Any instructions given by the Authority to the Escrow Bank during such period shall be complied with as if such instructions were given by the Concessionaire under this Agreement and all actions of the Authority hereunder shall be deemed to have been taken for and on behalf of the Concessionaire.



A handwritten signature in blue ink, likely belonging to an official of the National Highway Authority of India.

## 5 OBLIGATIONS OF THE ESCROW BANK

### 5.1 Segregation of funds

Monies and other property received by the Escrow Bank under this Agreement shall, until used or applied in accordance with this Agreement, be held by the Escrow Bank in trust for the purposes for which they were received, and shall be segregated from other funds and property of the Escrow Bank.

### 5.2 Notification of balances

7 (seven) business days prior to each Payment Date (and for this purpose the Escrow Bank shall be entitled to rely on an affirmation by the Concessionaire and/or the Lenders' Representative as to the relevant Payment Dates), the Escrow Bank shall notify the Lenders' Representative of the balances in the Escrow Account and Sub-Accounts as at the close of business on the immediately preceding business day.

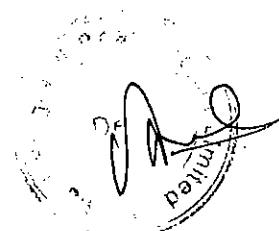
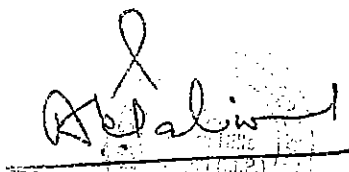
### 5.3 Communications and notices

In discharge of its duties and obligations hereunder, the Escrow Bank:

- (a) may, in the absence of bad faith or gross negligence on its part, rely as to any matters of fact which might reasonably be expected to be within the knowledge of the Concessionaire upon a certificate signed by or on behalf of the Concessionaire;
- (b) may, in the absence of bad faith or gross negligence on its part, rely upon the authenticity of any communication or document believed by it to be authentic;
- (c) shall, within 5 (five) business days after receipt, deliver a copy to the Lenders' Representative of any notice or document received by it in its capacity as the Escrow Bank from the Concessionaire or any other person hereunder or in connection herewith; and
- (d) shall, within 5 (five) business days after receipt, deliver a copy to the Concessionaire of any notice or document received by it from the Lenders' Representative in connection herewith.

### 5.4 No set off

The Escrow Bank agrees not to claim or exercise any right of set off, banker's lien or other right or remedy with respect to amounts standing to the credit of the Escrow Account. For the avoidance of doubt, it is hereby acknowledged and agreed by the Escrow Bank that the monies and properties held by the Escrow Bank in the Escrow Account shall not be



considered as part of the assets of the Escrow Bank and being trust property, shall in the case of bankruptcy or liquidation of the Escrow Bank, be wholly excluded from the assets of the Escrow Bank in such bankruptcy or liquidation.

## 5.5 Regulatory approvals

The Escrow Bank shall use its best efforts to procure, and thereafter maintain and comply with, all regulatory approvals required for it to establish and operate the Escrow Account. The Escrow Bank represents and warrants that it is not aware of any reason why such regulatory approvals will not ordinarily be granted to the Escrow Bank.

## 6 ESCROW DEFAULT

### 6.1 Escrow Default

6.1.1 Following events shall constitute an event of default by the Concessionaire (an "Escrow Default") unless such event of default has occurred as a result of Force Majeure or any act or omission of the Authority or the Lenders' Representative:

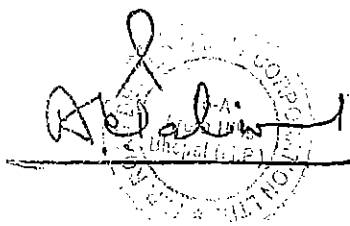
- (a) the Concessionaire commits breach of this Agreement by failing to deposit any receipts into the Escrow Account as provided herein and fails to cure such breach by depositing the same into the Escrow Account within a Cure Period of 5 (five) business days;
- (b) the Concessionaire causes the Escrow Bank to transfer funds to any account of the Concessionaire in breach of the terms of this Agreement and fails to cure such breach by depositing the relevant funds into the Escrow Account or any Sub-Account in which such transfer should have been made, within a Cure Period of 5 (five) business days; or
- (c) the Concessionaire commits or causes any other breach of the provisions of this Agreement and fails to cure the same within a Cure Period of 5 (five) business days.

6.1.2 Upon occurrence of an Escrow Default, the consequences thereof shall be dealt with under and in accordance with the provisions of the Concession Agreement.

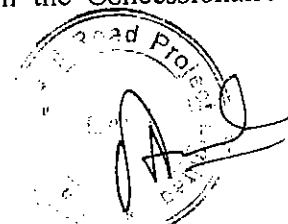
## 7 TERMINATION OF ESCROW AGREEMENT

### 7.1 Duration of the Escrow Agreement

This Agreement shall remain in full force and effect so long as any sum remains to be advanced or is outstanding from the Concessionaire in



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A circular stamp with the text "Escrow Bank" and "100% SECURED" is visible behind the signature.

respect of the debt, guarantee or financial assistance received by it from the Senior Lenders, or any of its obligations to the Authority remain to be discharged, unless terminated earlier by consent of all the Parties or otherwise in accordance with the provisions of this Agreement.

## 7.2 Substitution of Escrow Bank

The Concessionaire may, by not less than 45 (forty five) days prior notice to the Escrow Bank, the Authority and the Lenders' Representative, terminate this Agreement and appoint a new Escrow Bank, provided that the new Escrow Bank is acceptable to the Lenders' Representative and arrangements are made satisfactory to the Lenders' Representative for transfer of amounts deposited in the Escrow Account to a new Escrow Account established with the successor Escrow Bank. The termination of this Agreement shall take effect only upon coming into force of an Escrow Agreement with the substitute Escrow Bank.

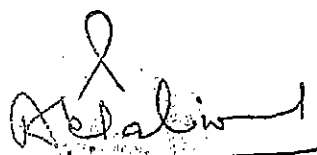
## 7.3 Closure of Escrow Account

The Escrow Bank shall, at the request of the Concessionaire and the Lenders' Representative made on or after the payment by the Concessionaire of all outstanding amounts under the Concession Agreement and the Financing Agreements including the payments specified in Clause 4.2, and upon confirmation of receipt of such payments, close the Escrow Account and Sub-Accounts and pay any amount standing to the credit thereof to the Concessionaire. Upon closure of the Escrow Account hereunder, the Escrow Agreement shall be deemed to be terminated.

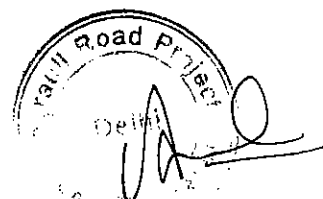
# 8 SUPPLEMENTARY ESCROW AGREEMENT

## 8.1 Supplementary escrow agreement

The Lenders' Representative and the Concessionaire shall be entitled to enter into a supplementary escrow agreement with the Escrow Bank providing, inter alia, for detailed procedures and documentation for withdrawals from Sub-Accounts pursuant to Clause 4.1.1 and for matters not covered under this Agreement such as the rights and obligations of Senior Lenders and lenders of Subordinated Debt, investment of surplus funds, restrictions on withdrawals by the Concessionaire in the event of breach of this Agreement or upon occurrence of an Escrow Default, procedures relating to operation of the Escrow Account and withdrawal therefrom, reporting requirements and any matters incidental thereto; provided that such supplementary escrow agreement shall not contain any provision which is inconsistent with this Agreement and in the event of any conflict or inconsistency between provisions of this Agreement and such supplementary escrow agreement, the provisions of this Agreement



Abdul Wahid



Delhi Road Project

shall prevail.

## 9 INDEMNITY

### 9.1 General indemnity

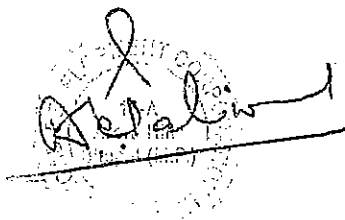
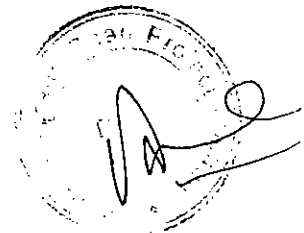
9.1.1 The Concessionaire will indemnify, defend and hold the Authority, Escrow Bank and the Senior Lenders, acting through the Lenders' Representative, harmless against any and all proceedings, actions and third party claims for any loss, damage, cost and expense arising out of any breach by the Concessionaire of any of its obligations under this Agreement or on account of failure of the Concessionaire to comply with Applicable Laws and Applicable Permits.

9.1.2 The Authority will indemnify, defend and hold the Concessionaire harmless against any and all proceedings, actions and third party claims for any loss, damage, cost and expense arising out of failure of the Authority to fulfil any of its obligations under this Agreement materially and adversely affecting the performance of the Concessionaire's obligations under the Concession Agreement or this Agreement other than any loss, damage, cost and expense arising out of acts done in discharge of their lawful functions by the Authority, its officers, servants and agents.

9.1.3 The Escrow Bank will indemnify, defend and hold the Concessionaire harmless against any and all proceedings, actions and third party claims for any loss, damage, cost and expense arising out of failure of the Escrow Bank to fulfil its obligations under this Agreement materially and adversely affecting the performance of the Concessionaire's obligations under the Concession Agreement other than any loss, damage, cost and expense, arising out of acts done in discharge of their lawful functions by the Escrow Bank, its officers, servants and agents.

### 9.2 Notice and contest of claims

In the event that any Party hereto receives a claim from a third party in respect of which it is entitled to the benefit of an indemnity under Clause 9.1 or in respect of which it is entitled to reimbursement (the "Indemnified Party"), it shall notify the other Party responsible for indemnifying such claim hereunder (the "Indemnifying Party") within 15 (fifteen) days of receipt of the claim and shall not settle or pay the claim without the prior approval of the Indemnifying Party, which approval shall not be unreasonably withheld or delayed. In the event that the Indemnifying Party wishes to contest or dispute the claim, it may conduct the proceedings in the name of the Indemnified Party and shall bear all costs involved in contesting the same. The Indemnified Party shall provide all cooperation and assistance in contesting any claim and shall sign all such writings and documents as the Indemnifying Party may reasonably

require.

## 10 DISPUTE RESOLUTION

### 10.1 Dispute resolution

10.1.1 Any dispute, difference or claim arising out of or in connection with this Agreement, which is not resolved amicably, shall be decided finally by reference to arbitration to a Board of Arbitrators comprising one nominee of each Party to the dispute, and where the number of such nominees is an even number, the nominees shall elect another person to such Board. Such arbitration shall be held in accordance with the Rules of Arbitration of the International Centre for Alternative Dispute Resolution, New Delhi (the "Rules") or such other rules as may be mutually agreed by the Parties, and shall be subject to the provisions of the Arbitration and Conciliation Act, 1996.

10.1.2 The Arbitrators shall issue a reasoned award and such award shall be final and binding on the Parties. The venue of arbitration shall be Delhi and the language of arbitration shall be English.

## 11 MISCELLANEOUS PROVISIONS

### 11.1 Governing law and jurisdiction

This Agreement shall be construed and interpreted in accordance with and governed by the laws of India, and the Courts at Delhi shall have jurisdiction over all matters arising out of or relating to this Agreement.

### 11.2 Waiver of sovereign immunity

The Authority unconditionally and irrevocably:

- (a) agrees that the execution, delivery and performance by it of this Agreement constitute commercial acts done and performed for commercial purpose;
- (b) agrees that, should any proceedings be brought against it or its assets, property or revenues in any jurisdiction in relation to this Agreement or any transaction contemplated by this Agreement, no immunity (whether by reason of sovereignty or otherwise) from such proceedings shall be claimed by or on behalf of the Authority with respect to its assets;
- (c) waives any right of immunity which it or its assets, property or revenues now has, may acquire in the future or which may be attributed to it in any jurisdiction; and

- (d) consents generally in respect of the enforcement of any judgement or award against it in any such proceedings to the giving of any relief or the issue of any process in any jurisdiction in connection with such proceedings (including the making, enforcement or execution against it or in respect of any assets, property or revenues whatsoever irrespective of their use or intended use of any order or judgement that may be made or given in connection therewith).

### 11.3 Priority of agreements

In the event of any conflict between the Concession Agreement and this Agreement, the provisions contained in the Concession Agreement shall prevail over this Agreement.

### 11.4 Alteration of terms

All additions, amendments, modifications and variations to this Agreement shall be effectual and binding only if in writing and signed by the duly authorised representatives of the Parties.

### 11.5 Waiver

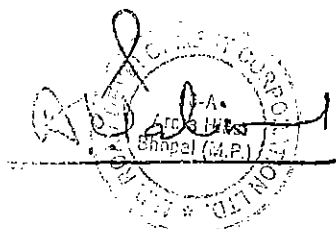
11.5.1 Waiver by any Party of a default by another Party in the observance and performance of any provision of or obligations under this Agreement:

- (a) shall not operate or be construed as a waiver of any other or subsequent default hereof or of other provisions of or obligations under this Agreement;
- (b) shall not be effective unless it is in writing and executed by a duly authorised representative of the Party; and
- (c) shall not affect the validity or enforceability of this Agreement in any manner.

11.5.2 Neither the failure by any Party to insist on any occasion upon the performance of the terms, conditions and provisions of this Agreement or any obligation thereunder nor time or other indulgence granted by any Party to another Party shall be treated or deemed as waiver of such breach or acceptance of any variation or the relinquishment of any such right hereunder.

### 11.6 No third party beneficiaries

This Agreement is solely for the benefit of the Parties and no other person or entity shall have any rights hereunder.



## 11.7 Survival

### 11.7.1 Termination of this Agreement:

- (a) shall not relieve the Parties of any obligations hereunder which expressly or by implication survive termination hereof; and
- (b) except as otherwise provided in any provision of this Agreement expressly limiting the liability of either Party, shall not relieve either Party of any obligations or liabilities for loss or damage to the other Party arising out of, or caused by, acts or omissions of such Party prior to the effectiveness of such termination or arising out of such termination.

11.7.2 All obligations surviving the cancellation, expiration or termination of this Agreement shall only survive for a period of 3 (three) years following the date of such termination or expiry of this Agreement.

## 11.8 Severability

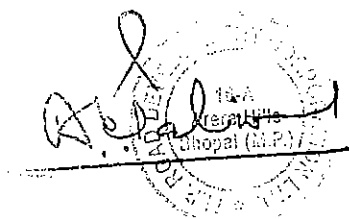
If for any reason whatever any provision of this Agreement is or becomes invalid, illegal or unenforceable or is declared by any court of competent jurisdiction or any other instrumentality to be invalid, illegal or unenforceable, the validity, legality or enforceability of the remaining provisions shall not be affected in any manner, and the Parties will negotiate in good faith with a view to agreeing to one or more provisions which may be substituted for such invalid, unenforceable or illegal provisions, as nearly as is practicable to such invalid, illegal or unenforceable provision. Failure to agree upon any such provisions shall not be subject to dispute resolution under Clause 10.1 of this Agreement or otherwise.

## 11.9 Successors and assigns

This Agreement shall be binding on and shall inure to the benefit of the Parties and their respective successors and permitted assigns.

## 11.10 Notices

All notices or other communications to be given or made under this Agreement shall be in writing and shall either be delivered personally or sent by courier or registered post with an additional copy to be sent by facsimile or e-mail. The address for service of each Party, its facsimile number or e-mail are set out under its name on the signing pages hereto. A notice shall be effective upon actual receipt thereof, save that where it is received after 5.30 (five thirty) p.m. on a business day, or on a day that is not a business day, the notice shall be deemed to be received on the first business day following the date of actual receipt. Without prejudice to the



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Handwritten signature and circular stamp of a company, likely a legal entity, with text including "19A" and "M.P.V." visible within the stamp.



foregoing, a Party giving or making a notice or communication by facsimile or e-mail shall promptly deliver a copy thereof personally, or send it by courier or registered post to the addressee of such notice or communication. It is hereby agreed and acknowledged that any Party may by notice change the address to which such notices and communications to it are to be delivered or mailed. Such change shall be effective when all the Parties have notice of it.

#### 11.11 Language

All notices, certificates, correspondence and proceedings under or in connection with this Agreement shall be in English.

#### 11.12 Authorised representatives

Each of the Parties shall, by notice in writing, designate their respective authorised representatives through whom only all communications shall be made. A Party hereto shall be entitled to remove and/or substitute or make fresh appointment of such authorised representative by similar notice.

#### 11.13 Original Document

This Agreement may be executed in four counterparts, each of which when executed and delivered shall constitute an original of this Agreement.

**IN WITNESS WHEREOF THE PARTIES HAVE EXECUTED AND DELIVERED THIS AGREEMENT AS OF THE DATE FIRST ABOVE WRITTEN.**

THE COMMON SEAL OF CONCESSIONAIRE has been affixed pursuant to the resolution passed by the Board of Directors of the Concessionaire at its meeting held on the ..... day of 20..... hereunto affixed in the presence of ....., Director, who has signed these presents in token thereof and ....., Company Secretary / Authorised Officer who has countersigned the same in token thereof<sup>5</sup>:

SIGNED, SEALED  
AND DELIVERED

For and on behalf of

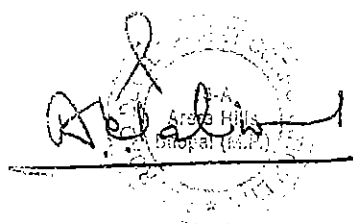

SENIOR LENDERS by the

Lenders' Representative:

(Signature)

(Name)

<sup>5</sup> To be affixed in accordance with the articles of association of the Concessionaire.

SIGNED, SEALED AND  
DELIVERED

For and on behalf of  
ESCROW BANK by:

(Signature)  
(Name)  
(Designation)  
(Address)  
(Fax No.)  
(e-mail  
address)

In the presence of:

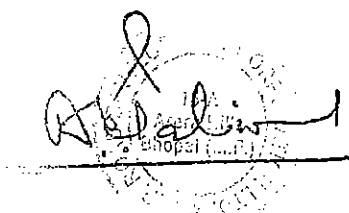
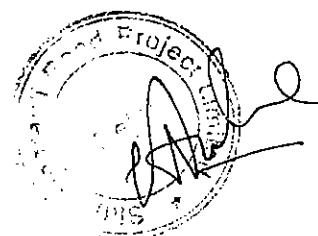
1.

2.

SIGNED, SEALED AND  
DELIVERED

For and on behalf of  
MPRDC, Bhopal :

(Signature)  
(Name)  
(Designation)  
(Address)  
(Fax No.)  
(e-mail address)



**SCHEDULE -T**

(See Clause 33.2.1)

**PANEL OF CHARTERED ACCOUNTANTS****1 Panel of Chartered Accountants**

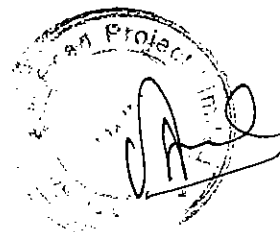
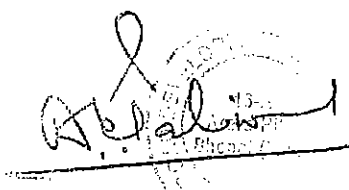
Pursuant to the provisions of Clause 33.2.1 of the Agreement, the Authority and the Concessionaire shall prepare a mutually agreed panel of 10 (ten) reputable firms of Chartered Accountants having their registered offices in India (the "Panel of Chartered Accountants"). The criteria for preparing such Panel and the procedure to be adopted in this behalf shall be as set forth in this Schedule-T.

**2 Invitation for empanelment**

2.1 The Authority shall invite offers from all reputable firms of Chartered Accountants who fulfil the following eligibility criteria, namely:

- (a) the firm should have conducted statutory audit of the annual accounts of at least one hundred companies registered under the Companies Act, 1956, of which at least ten should have been public sector undertakings;
- (b) the firm should have at least 5 (five) practising Chartered Accountants on its rolls, each with a minimum experience of ten years in the profession;
- (c) the firm or any of its partners should not have been disqualified or black-listed by the Comptroller and Auditor General of India or the Authority; and
- (d) the firm should have an office in the State or in an adjacent State with at least 2 (two) practising Chartered Accountants on its rolls in such State.

2.2 Interested firms meeting the eligibility criteria shall be required to submit a statement of their capability including the bio-data of all the practising Chartered Accountants on its rolls. In particular, each firm shall be required to furnish year-wise information relating to the names of all the companies with an annual turnover exceeding Rs. 100,00,00,000 (Rs. one



hundred crore) whose annual accounts were audited by such firm in any of the preceding 5 (five) Accounting Years.

**3 Evaluation and selection**

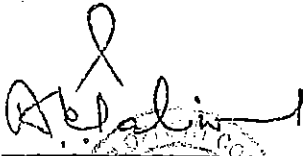
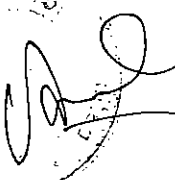
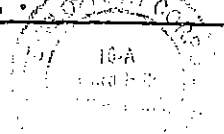
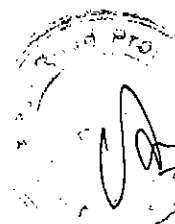
- 3.1 The information furnished by each firm shall be scrutinised and evaluated by the Authority and 1 (one) point shall be awarded for each annual audit of the companies specified in Paragraph 2.2 above. (For the avoidance of doubt, a firm which has conducted audit of the annual accounts of any such company for five years shall be awarded five points).
- 3.2 The Authority shall prepare a list of all the eligible firms along with the points scored by each such firm and 10 (ten) firms scoring the highest points shall be identified and included in the draft Panel of Chartered Accountants.

**4 Consultation with the Concessionaire**

The Authority shall convey the aforesaid panel of firms to the Concessionaire for scrutiny and comments, if any. The Concessionaire shall be entitled to scrutinise the relevant records of the Authority to ascertain whether the selection of firms has been undertaken in accordance with the prescribed procedure and it shall send its comments, if any, to the Authority within 15 (fifteen) days of receiving the aforesaid panel.

**5 Mutually agreed panel**

- 5.1 The Authority shall, after considering all relevant factors including the comments, if any, of the Concessionaire, finalise and constitute a panel of 10 (ten) firms which shall be deemed to be the mutually agreed Panel of Chartered Accountants.
- 5.2 After completion of every five years from the date of preparing the mutually agreed Panel of Chartered Accountants, or such earlier period as may be agreed between the Authority and the Concessionaire, a new panel shall be prepared in accordance with the provisions of this Schedule - T.

## SCHEDULE -U

(See Clause 38.4)

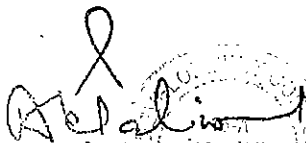
## VESTING CERTIFICATE


- 1 The Managing Director, MP Road Development Corporation Ltd., Bhopal (the "Authority") refers to the Concession Agreement dated ..... (the "Agreement") entered into between the Authority and ..... (the "Concessionaire") for Four-Laning of the Sidhi-Singrauli Section of National Highway No75-E (the "Project Highway") on design, build, finance, operate and transfer ("DBFOT") basis.
- 2 The Authority hereby acknowledges compliance and fulfilment by the Concessionaire of the Divestment Requirements set forth in Clause 38.1 of the Agreement on the basis that upon issue of this Vesting Certificate, the Authority shall be deemed to have acquired, and all title and interest of the Concessionaire in or about the Project Highway shall be deemed to have vested unto the Authority, free from any encumbrances, charges and liens whatsoever.
- 3 Notwithstanding anything to the contrary contained hereinabove, it shall be a condition of this Vesting Certificate that nothing contained herein shall be construed or interpreted as waiving the obligation of the Concessionaire to rectify and remedy any defect or deficiency in any of the Divestment Requirements and/or relieving the Concessionaire in any manner of the same.

Signed this ..... day of ....., 20..... at Delhi.

AGREED, ACCEPTED AND SIGNED		SIGNED, SEALED AND DELIVERED	
For and on behalf of		For and on behalf of	
CONCESSIONAIRE by:		MPRDC	
	(Signature)		(Signature)
	(Name)		(Name)
	(Designatio		(Designation)
	(Address)		(Address)

In the presence of:			
1.		2.	

  
A. Salinas  
JAN 22 2014

  
Road Project

## SCHEDULE -V

(See Clause 40.3.1)

## SUBSTITUTION AGREEMENT

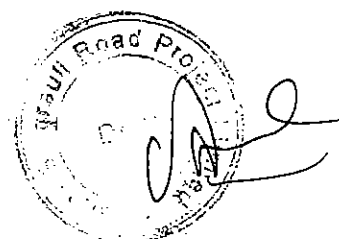
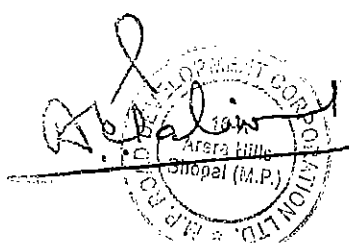
THIS SUBSTITUTION AGREEMENT is entered into on this the .....  
day of ..... 20....

## AMONGST

- 1 MP Road Development Corporation Ltd., , established under the Companies Act 56 represented by its Managing Director and having its offices at 16-A, Arera Hills, Bhopal 462 011 (hereinafter referred to as the "Authority" which expression shall unless repugnant to the context or meaning thereof include its administrators, successors and assigns);
- 2 ..... LIMITED, a company incorporated under the provisions of the Companies Act, 1956 and having its registered office at ....., (hereinafter referred to as the "Concessionaire" which expression shall unless repugnant to the context or meaning thereof include its successors and permitted assigns and substitutes);
- 3 .....name and particulars of Lenders' Representative and having its registered office at ....., acting for and on behalf of the Senior Lenders as their duly authorised agent with regard to matters arising out of or in relation to this Agreement (hereinafter referred to as the "Lenders' Representative", which expression shall unless repugnant to the context or meaning thereof include its successors and substitutes);

## WHEREAS:

- (A) The Authority has entered into a Concession Agreement dated ..... with the Concessionaire (the "Concession Agreement") for Four-Laning of the Sidhi-Singrauli section (km 83/4 to km 195/68 of National Highway No. 75-E in the State of Madhya Pradesh on design, build, finance, operate and transfer basis (DBFOT), and a copy of which is annexed hereto and marked as Annex-A to form part of this Agreement.
- (B) Senior Lenders have agreed to finance the Project in accordance with the terms and conditions set forth in the Financing Agreements.



- (C) Senior Lenders have requested the Authority to enter into this Substitution Agreement for securing their interests through assignment, transfer and substitution of the Concession to a Nominated Company in accordance with the provisions of this Agreement and the Concession Agreement.
- (D) In order to enable implementation of the Project including its financing, construction, operation and maintenance, the Authority has agreed and undertaken to transfer and assign the Concession to a Nominated Company in accordance with the terms and conditions set forth in this Agreement and the Concession Agreement.

**NOW, THEREFORE,** in consideration of the foregoing and the respective covenants and agreements set forth in this Agreement, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the Parties agree as follows:

## **1 DEFINITIONS AND INTERPRETATION**

### **1.1 Definitions**

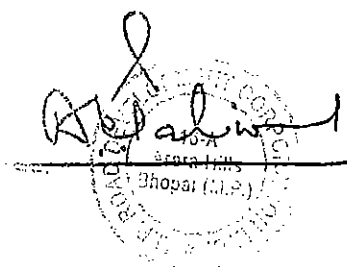
In this Substitution Agreement, the following words and expressions shall, unless repugnant to the context or meaning thereof, have the meaning hereinafter respectively assigned to them:

**"Agreement"** means this Substitution Agreement and any amendment thereto made in accordance with the provisions contained in this Agreement;

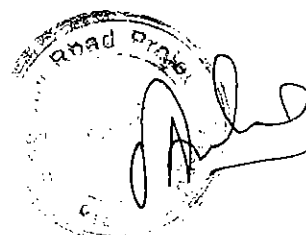
**"Financial Default"** means occurrence of a material breach of the terms and conditions of the Financing Agreements or a continuous default in Debt Service by the Concessionaire for a minimum period of 3 (three) months;

**"Lenders' Representative"** means the person referred to as the Lenders' Representative in the foregoing Recitals;

**"Nominated Company"** means a company, incorporated under the provisions of the Companies Act, 1956, selected by the Lenders' Representative, on behalf of Senior Lenders, and proposed to the Authority for assignment/transfer of the Concession as provided in this Agreement;



Handwritten signature and circular stamp of the Authority. The stamp contains the text: "Authority", "Bhopal (M.P.)", and "Road Project".



Handwritten signature and circular stamp of the Lenders' Representative. The stamp contains the text: "Road Project".



"Notice of Financial Default" shall have the meaning ascribed thereto in Clause 3.2.1; and

"Parties" means the parties to this Agreement collectively and "Party" shall mean any of the Parties to this Agreement individually.

## 1.2 Interpretation

- 1.2.1 References to Lenders' Representative shall, unless repugnant to the context or meaning thereof, mean references to the Lenders' Representative, acting for and on behalf of Senior Lenders.
- 1.2.2 References to Clauses are, unless stated otherwise, references to Clauses of this Agreement.
- 1.2.3 The words and expressions beginning with capital letters and defined in this Agreement shall have the meaning ascribed thereto herein, and the words and expressions used in this Agreement and not defined herein but defined in the Concession Agreement shall, unless repugnant to the context, have the meaning ascribed thereto in the Concession Agreement.
- 1.2.4 The rules of interpretation stated in Clauses 1.2, 1.3 and 1.4 of the Concession Agreement shall apply, *mutatis mutandis*, to this Agreement.

## 2 ASSIGNMENT

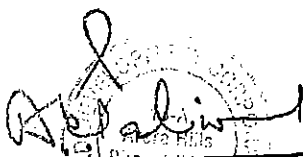
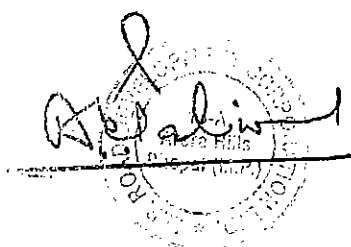
### 2.1 Assignment of rights and title

The Concessionaire hereby agrees to assign the rights, title and interest in the Concession to, and in favour of, the Lenders' Representative pursuant to and in accordance with the provisions of this Agreement and the Concession Agreement by way of security in respect of financing by the Senior Lenders under the Financing Agreements.

## 3 SUBSTITUTION OF THE CONCESSIONAIRE

### 3.1 Rights of substitution

- 3.1.1 Pursuant to the rights, title and interest assigned under Clause 2.1, the Lenders' Representative shall be entitled to substitute the Concessionaire by a Nominated Company under and in accordance with the provisions of this Agreement and the Concession Agreement.



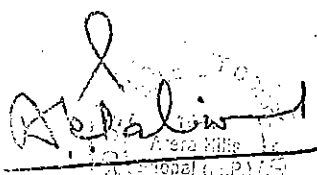
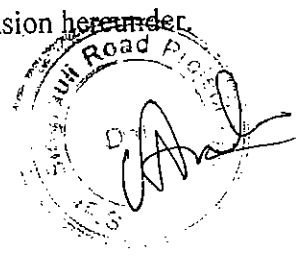
3.1.2 The Authority hereby agrees to substitute the Concessionaire by endorsement on the Concession Agreement in favour of the Nominated Company selected by the Lenders' Representative in accordance with this Agreement. (For the avoidance of doubt, the Senior Lenders or the Lenders' Representative shall not be entitled to operate and maintain the Project Highway as Concessionaire either individually or collectively).

### 3.2 Substitution upon occurrence of Financial Default

3.2.1 Upon occurrence of a Financial Default, the Lenders' Representative may issue a notice to the Concessionaire (the "Notice of Financial Default") along with particulars thereof, and send a copy to the Authority for its information and record. A Notice of Financial Default under this Clause 3 shall be conclusive evidence of such Financial Default and it shall be final and binding upon the Concessionaire for the purposes of this Agreement.

3.2.2 Upon issue of a Notice of Financial Default hereunder, the Lenders' Representative may, without prejudice to any of its rights or remedies under this Agreement or the Financing Agreements, substitute the Concessionaire by a Nominated Company in accordance with the provisions of this Agreement.

3.2.3 At any time after the Lenders' Representative has issued a Notice of Financial Default, it may by notice require the Authority to suspend all the rights of the Concessionaire and undertake the operation and maintenance of the Project Highway in accordance with the provisions of Article 36 of the Concession Agreement, and upon receipt of such notice, the Authority shall undertake Suspension under and in accordance with the provisions of the Concession Agreement. The aforesaid Suspension shall be revoked upon substitution of the Concessionaire by a Nominated Company, and in the event such substitution is not completed within 180 (one hundred and eighty) days from the date of such Suspension, the Authority may terminate the Concession Agreement forthwith by issuing a Termination Notice in accordance with the provisions of the Concession Agreement; provided that upon written request from the Lenders' Representative and the Concessionaire, the Authority may extend the aforesaid period of 180 (one hundred and eighty) days by a period not exceeding 90 (ninety) days. For the avoidance of doubt, the Authority expressly agrees and undertakes to terminate the Concession Agreement forthwith, upon receipt of a written request from the Lenders' Representative at any time after 240 (two hundred and forty) days from the date of Suspension hereunder.

### 3.3 Substitution upon occurrence of Concessionaire Default

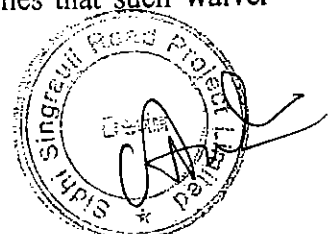
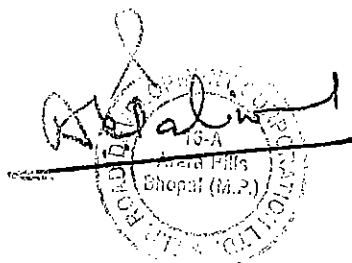
3.3.1 Upon occurrence of a Concessionaire Default, the Authority shall by a notice inform the Lenders' Representative of its intention to issue a Termination Notice and grant 15 (fifteen) days time to the Lenders' Representative to make a representation, stating the intention to substitute the Concessionaire by a Nominated Company.

3.3.2 In the event that the Lenders' Representative makes a representation to the Authority within the period of 15 (fifteen) days specified in Clause 3.3.1, stating that it intends to substitute the Concessionaire by a Nominated Company, the Lenders' Representative shall be entitled to undertake and complete the substitution of the Concessionaire by a Nominated Company in accordance with the provisions of this Agreement within a period of 180 (one hundred and eighty) days from the date of such representation, and the Authority shall either withhold Termination or undertake Suspension for the aforesaid period of 180 (one hundred and eighty) days; provided that upon written request from the Lenders' Representative and the Concessionaire, the Authority shall extend the aforesaid period of 180 (one hundred and eighty) days by a period not exceeding 90 (ninety) days.

### 3.4 Procedure for substitution

3.4.1 The Authority and the Concessionaire hereby agree that on or after the date of Notice of Financial Default or the date of representation to the Authority under Clause 3.3.2, as the case may be, the Lenders' Representative may, without prejudice to any of the other rights or remedies of the Senior Lenders, invite, negotiate and procure offers, either by private negotiations or public auction or tenders for the take over and transfer of the Project Highway including the Concession to the Nominated Company upon such Nominated Company's assumption of the liabilities and obligations of the Concessionaire towards the Authority under the Concession Agreement and towards the Senior Lenders under the Financing Agreements.

3.4.2 To be eligible for substitution in place of the Concessionaire, the Nominated Company shall be required to fulfil the eligibility criteria that were laid down by the Authority for shortlisting the bidders for award of the Concession; provided that the Lenders' Representative may represent to the Authority that all or any of such criteria may be waived in the interest of the Project, and if the Authority determines that such waiver



shall not have any material adverse effect on the Project, it may waive all or any of such eligibility criteria.

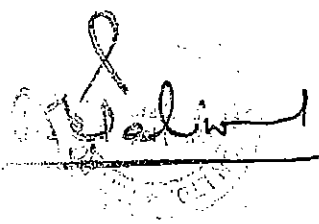
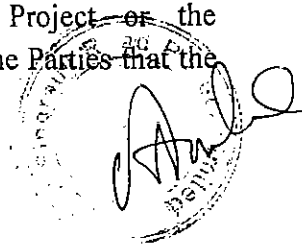
3.4.3 Upon selection of a Nominated Company, the Lenders' Representative shall request the Authority to:

- (a) accede to transfer to the Nominated Company the right to construct, operate and maintain the Project Highway in accordance with the provisions of the Concession Agreement;
- (b) endorse and transfer the Concession to the Nominated Company, on the same terms and conditions, for the residual Concession Period; and
- (c) enter into a Substitution Agreement with the Lenders' Representative and the Nominated Company on the same terms as are contained in this Agreement.

3.4.4 If the Authority has any objection to the transfer of Concession in favour of the Nominated Company in accordance with this Agreement, it shall within 15 (fifteen) days from the date of proposal made by the Lenders' Representative, give a reasoned order after hearing the Lenders' Representative. If no such objection is raised by the Authority, the Nominated Company shall be deemed to have been accepted. The Authority thereupon shall transfer and endorse the Concession within 15 (fifteen) days of its acceptance/deemed acceptance of the Nominated Company; provided that in the event of such objection by the Authority, the Lenders' Representative may propose another Nominated Company whereupon the procedure set forth in this Clause 3.4 shall be followed for substitution of such Nominated Company in place of the Concessionaire.

### 3.5 Selection to be binding

The decision of the Lenders' Representative and the Authority in selection of the Nominated Company shall be final and binding on the Concessionaire. The Concessionaire irrevocably agrees and waives any right to challenge the actions of the Lenders' Representative or the Senior Lenders or the Authority taken pursuant to this Agreement including the transfer/assignment of the Concession in favour of the Nominated Company. The Concessionaire agrees and confirms that it shall not have any right to seek revaluation of assets of the Project or the Concessionaire's shares. It is hereby acknowledged by the Parties that the

rights of the Lenders' Representative are irrevocable and shall not be contested in any proceedings before any court or Authority and the Concessionaire shall have no right or remedy to prevent, obstruct or restrain the Authority or the Lenders' Representative from effecting or causing the transfer by substitution and endorsement of the Concession as requested by the Lenders' Representative.

#### 4 PROJECT AGREEMENTS

##### 4.1 Substitution of Nominated Company in Project Agreements

The Concessionaire shall ensure and procure that each Project Agreement contains provisions that entitle the Nominated Company to step into such Project Agreement, in its discretion, in place and substitution of the Concessionaire in the event of such Nominated Company's assumption of the liabilities and obligations of the Concessionaire under the Concession Agreement.

#### 5 TERMINATION OF CONCESSION AGREEMENT

##### 5.1 Termination upon occurrence of Financial Default

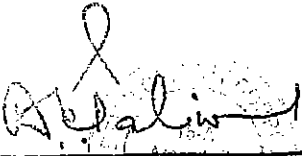
At any time after issue of a Notice of Financial Default, the Lenders' Representative may by a notice in writing require the Authority to terminate the Concession Agreement forthwith, and upon receipt of such notice, the Authority shall undertake Termination under and in accordance with the provisions of Article 37 of the Concession Agreement.

##### 5.2 Termination when no Nominated Company is selected

In the event that no Nominated Company acceptable to the Authority is selected and recommended by the Lenders' Representative within the period of 180 (one hundred and eighty) days or any extension thereof as set forth in Clause 3.3.2, the Authority may terminate the Concession Agreement forthwith in accordance with the provisions thereof.

##### 5.3 Realisation of Debt Due

The Authority and the Concessionaire hereby acknowledge and agree that, without prejudice to their any other right or remedy, the Lenders' Representative is entitled to receive from the Concessionaire, without any further reference to or consent of the Concessionaire, the Debt Due upon Termination of the Concession Agreement. For realisation of the Debt



A. K. Singh  
Director (CP)



Due, the Lenders' Representative shall be entitled to make its claim from the Escrow Account in accordance with the provisions of the Concession Agreement and the Escrow Agreement.

## 6 DURATION OF THE AGREEMENT

### 6.1 Duration of the Agreement

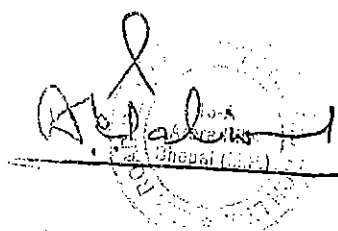
This Agreement shall come into force from the date hereof and shall expire at the earliest to occur of the following events:

- (a) Termination of the Agreement; or
- (b) no sum remains to be advanced, or is outstanding to the Senior Lenders, under the Financing Agreements.

## 7 INDEMNITY

### 7.1 General indemnity

- 7.1.1 The Concessionaire will indemnify, defend and hold the Authority and the Lenders' Representative harmless against any and all proceedings, actions and third party claims for any loss, damage, cost and expense of whatever kind and nature arising out of any breach by the Concessionaire of any of its obligations under this Agreement or on account of failure of the Concessionaire to comply with Applicable Laws and Applicable Permits.
- 7.1.2 The Authority will indemnify, defend and hold the Concessionaire harmless against any and all proceedings, actions and third party claims for any loss, damage, cost and expense arising out of failure of the Authority to fulfil any of its obligations under this Agreement, materially and adversely affecting the performance of the Concessionaire's obligations under the Concession Agreement or this Agreement, other than any loss, damage, cost and expense, arising out of acts done in discharge of their lawful functions by the Authority, its officers, servants and agents.
- 7.1.3 The Lenders' Representative will indemnify, defend and hold the Concessionaire harmless against any and all proceedings, actions and third party claims for any loss, damage, cost and expense arising out of failure of the Lenders' Representative to fulfil its obligations under this Agreement, materially and adversely affecting the performance of the Concessionaire's obligations under the Concession Agreement, other than any loss, damage, cost and expense, arising out of acts done in discharge



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Handwritten signature and circular stamp of the Road Project.

of their lawful functions by the Lenders' Representative, its officers, servants and agents.

## 7.2 Notice and contest of claims

In the event that any Party hereto receives a claim from a third party in respect of which it is entitled to the benefit of an indemnity under Clause 7.1 or in respect of which it is entitled to reimbursement (the "Indemnified Party"), it shall notify the other Party responsible for indemnifying such claim hereunder (the "Indemnifying Party") within 15 (fifteen) days of receipt of the claim and shall not settle or pay the claim without the prior approval of the Indemnifying Party, such approval not to be unreasonably withheld or delayed. In the event that the Indemnifying Party wishes to contest or dispute the claim, it may conduct the proceedings in the name of the Indemnified Party and shall bear all costs involved in contesting the same. The Indemnified Party shall provide all cooperation and assistance in contesting any claim and shall sign all such writings and documents as the Indemnifying Party may reasonably require.

## 8 DISPUTE RESOLUTION

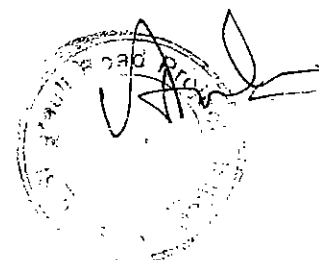
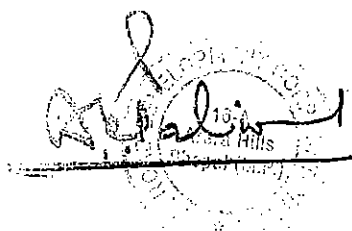
### 8.1 Dispute resolution

8.1.1 Any dispute, difference or claim arising out of or in connection with this Agreement which is not resolved amicably shall be decided by reference to arbitration to a Board of Arbitrators comprising one nominee each of the Authority, Concessionaire and the Lenders' Representative. Such arbitration shall be held in accordance with the Rules of Arbitration of the International Centre for Alternative Dispute Resolution, New Delhi (the "Rules") or such other rules as may be mutually agreed by the Parties, and shall be subject to provisions of the Arbitration and Conciliation Act, 1996.

8.1.2 The Arbitrators shall issue a reasoned award and such award shall be final and binding on the Parties. The venue of arbitration shall be Delhi and the language of arbitration shall be English.

## 9 MISCELLANEOUS PROVISIONS

### 9.1 Governing law and jurisdiction



This Agreement shall be construed and interpreted in accordance with and governed by the laws of India, and the Courts at Delhi shall have jurisdiction over all matters arising out of or relating to this Agreement.

## 9.2 Waiver of sovereign immunity

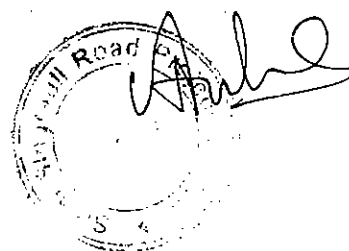
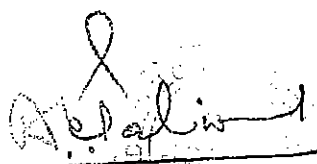
The Authority unconditionally and irrevocably:

- (a) agrees that the execution, delivery and performance by it of this Agreement constitute commercial acts done and performed for commercial purpose;
- (b) agrees that, should any proceedings be brought against it or its assets, property or revenues in any jurisdiction in relation to this Agreement or any transaction contemplated by this Agreement, no immunity (whether by reason of sovereignty or otherwise) from such proceedings shall be claimed by or on behalf of the Authority with respect to its assets;
- (c) waives any right of immunity which it or its assets, property or revenues now has, may acquire in the future or which may be attributed to it in any jurisdiction; and
- (d) consents generally in respect of the enforcement of any judgement or award against it in any such proceedings to the giving of any relief or the issue of any process in any jurisdiction in connection with such proceedings (including the making, enforcement or execution against it or in respect of any assets, property or revenues whatsoever irrespective of their use or intended use of any order or judgement that may be made or given in connection therewith).

## 9.3 Priority of agreements

In the event of any conflict between the Concession Agreement and this Agreement, the provisions contained in the Concession Agreement shall prevail over this Agreement.

## 9.4 Alteration of terms





All additions, amendments, modifications and variations to this Agreement shall be effectual and binding only if in writing and signed by the duly authorised representatives of the Parties.

## 9.5 Waiver

9.5.1 Waiver by any Party of a default by another Party in the observance and performance of any provision of or obligations under this Agreement:

- (a) shall not operate or be construed as a waiver of any other or subsequent default hereof or of other provisions of or obligations under this Agreement;
- (b) shall not be effective unless it is in writing and executed by a duly authorised representative of the Party; and
- (c) shall not affect the validity or enforceability of this Agreement in any manner.

9.5.2 Neither the failure by either Party to insist on any occasion upon the performance of the terms, conditions and provisions of this Agreement or any obligation thereunder nor time or other indulgence granted by a Party to another Party shall be treated or deemed as waiver of such breach or acceptance of any variation or the relinquishment of any such right hereunder.

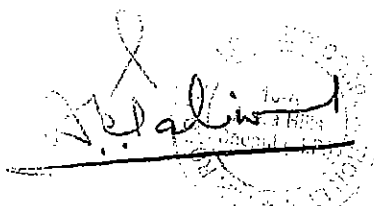
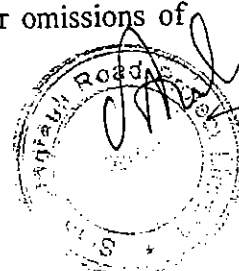
## 9.6 No third party beneficiaries

This Agreement is solely for the benefit of the Parties and no other person or entity shall have any rights hereunder.

## 9.7 Survival

9.7.1 Termination of this Agreement:

- (a) shall not relieve the Parties of any obligations hereunder which expressly or by implication survive termination hereof; and
- (b) except as otherwise provided in any provision of this Agreement expressly limiting the liability of either Party, shall not relieve either Party of any obligations or liabilities for loss or damage to the other Party arising out of or caused by acts or omissions of

A handwritten signature in black ink is written over a circular stamp. The stamp contains the text "PANTAN ROAD" at the top and "S. S. S. S." at the bottom, with some illegible text in the center.A handwritten signature in black ink is written over a circular stamp. The stamp contains the text "PANTAN ROAD" at the top and "S. S. S. S." at the bottom, with some illegible text in the center.

such Party prior to the effectiveness of such termination or arising out of such termination.

- 9.7.2 All obligations surviving the cancellation, expiration or termination of this Agreement shall only survive for a period of 3 (three) years following the date of such termination or expiry of this Agreement.

**9.8 Severability**

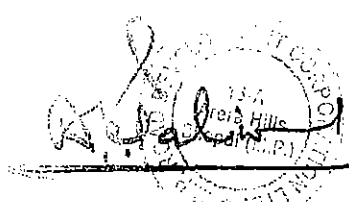
If for any reason whatever any provision of this Agreement is or becomes invalid, illegal or unenforceable or is declared by any court of competent jurisdiction or any other instrumentality to be invalid, illegal or unenforceable, the validity, legality or enforceability of the remaining provisions shall not be affected in any manner, and the Parties will negotiate in good faith with a view to agreeing to one or more provisions which may be substituted for such invalid, unenforceable or illegal provisions, as nearly as is practicable to such invalid, illegal or unenforceable provision. Failure to agree upon any such provisions shall not be subject to dispute resolution under Clause 8 of this Agreement or otherwise.

**9.9 Successors and assigns**

This Agreement shall be binding on and shall inure to the benefit of the Parties and their respective successors and permitted assigns.

**9.10 Notices**

All notices or other communications to be given or made under this Agreement shall be in writing, shall either be delivered personally or sent by courier or registered post with an additional copy to be sent by facsimile or e-mail. The address for service of each Party, its facsimile number and e-mail address are set out under its name on the signing pages hereto. A notice shall be effective upon actual receipt thereof, save that where it is received after 5.30 (five thirty) p.m. on any day, or on a day that is a public holiday, the notice shall be deemed to be received on the first working day following the date of actual receipt. Without prejudice to the foregoing, a Party giving or making a notice or communication by facsimile or e-mail shall promptly deliver a copy thereof personally, or send it by courier or registered post to the addressee of such notice or communication. It is hereby agreed and acknowledged that any Party may by notice change the address to which such notices and communications to

A handwritten signature in dark ink is written over a circular stamp. The stamp contains the text "1344" at the top, "1918 Hills" in the middle, and "Co., (P.L.C.)" at the bottom. The signature appears to be "M. J. O'Connell".A handwritten signature in dark ink is written over a circular stamp. The stamp contains the text "1344" at the top, "1918 Hills" in the middle, and "Co., (P.L.C.)" at the bottom. The signature appears to be "M. J. O'Connell".

it are to be delivered or mailed. Such change shall be effective when all the Parties have notice of it.

#### 9.11 Language

All notices, certificates, correspondence and proceedings under or in connection with this Agreement shall be in English.

#### 9.12 Authorised representatives

Each of the Parties shall by notice in writing designate their respective authorised representatives through whom only all communications shall be made. A Party hereto shall be entitled to remove and/or substitute or make fresh appointment of such authorised representative by similar notice.

#### 9.13 Original Document

This Agreement may be executed in three counterparts, each of which when executed and delivered shall constitute an original of this Agreement.

**IN WITNESS WHEREOF THE PARTIES HAVE EXECUTED AND DELIVERED THIS AGREEMENT AS OF THE DATE FIRST ABOVE WRITTEN.**

<p>THE COMMON SEAL OF CONCESSIONAIRE has been affixed pursuant to the resolution passed by the Board of Directors of the Concessionaire at its meeting held on the ..... day of 20..... hereunto affixed in the presence of ....., Director, who has signed these presents in token thereof and ....., Company Secretary / Authorised Officer who has countersigned the same in token thereof</p>	<p>SIGNED, SEALED AND DELIVERED</p> <p>For and on behalf of</p> <p>MPRDC, Bhopal</p> <p>(Signature)</p> <p>(Name)</p> <p>(Designation)</p> <p>(Address)</p>
<p></p>	<p></p>
<p>SIGNED, SEALED AND DELIVERED</p>	<p></p>

For and on behalf of			
SENIOR LENDERS by the Lenders' Representative:			
In the presence of:			

