

**National Highways & Infrastructure Development Corporation Limited**

**Consultancy services for Authority's Engineer for Supervision of Construction, Operation and Maintenance of 2-Lane bi-directional Zojila Tunnel with Parallel Escape (Egress) Tunnel excluding approaches on Srinagar-Leh Section connecting NH-1 at km 95.00 and at km 118.00 in the State of Jammu & Kashmir on EPC Basis.**

**Amendment No.-3**

<b>Sl. No.</b>	<b>Clause</b>	<b>Existing Provision</b>	<b>Modified Provision (To be read as)</b>
1.	<b>ITC Clause 10</b>	The Applicant whether a sole applicant or lead member with joint venture(s) may include an Associate company also. The applicant shall submit a Memorandum of Understanding (MOU) with the Associate regarding the role and responsibilities of the Associate Company along with the proposal. Maximum numbers of key personnel of the associate firm during the RFP Proposal and implementation of contract is limited to 3.	The Applicant whether a sole applicant or lead member with joint venture(s) may include an Associate company also. The applicant shall submit a Memorandum of Understanding (MOU) with the Associate regarding the role and responsibilities of the Associate Company along with the proposal. Maximum numbers of key personnel of the associate firm during the RFP Proposal and implementation of contract is limited to 4. It is clarified that the restriction of staff to be proposed by Associate firm does not apply on Sub Professional Staff.  10.1 As the project is of strategic importance, the firms/persons of neighbouring country having common land border with India are not eligible for this project.
2.	<b>Section 1 Clause 11</b>	Consulting firms meeting the following criteria are only eligible for applying for this assignment. Firms not meeting these criteria or not empanelled by MoRT&H as supervision consultant, need not apply.	Consulting firms meeting the following criteria are only eligible for applying for this assignment. Sole firms as well as both the JV partners in case of JV, not meeting these criteria need not apply.

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**SECTION B - 4**

**FORMAT FOR SUBMISSION OF TECHNICAL PROPOSAL**

<b>Appendix B-1</b>	Technical proposal submission form.
<b>Appendix B-2</b>	Firm's comments and suggestions on the Terms of Reference and on data, services, and facilities to be provided by the Employer.
<b>Appendix B-3</b>	Approach paper on methodology and work plan for performing the assignment.
<b>Appendix B-4</b>	Composition of the Team and Task(s) of each
<b>Appendix B-5</b>	Curriculum vitae of proposed Professional staff as uploaded on the INFRACON portal.
<b>Appendix B-6</b>	Time schedule for deployment of Professional
<b>Appendix B-7</b>	Activity (works) schedule.
<b>Appendix B-8</b>	Affidavit for correctness of CVs of key personnel and experience claimed by the firm.

**SECTION - 4**

**FORMAT FOR SUBMISSION OF TECHNICAL PROPOSAL**

<b>Appendix B-1</b>	Technical proposal submission form (Through Hard copy at the time of submission and soft copy should also be available on CPP Portal).
<b>Appendix B-2</b>	Firm's comments and suggestions on the Terms of Reference and on data, services, and facilities to be provided by the Employer (Soft copy to be uploaded on CPP Portal).
<b>Appendix B-3</b>	Approach paper on methodology and work plan for performing the assignment (Soft copy to be uploaded on CPP Portal).
<b>Appendix B-4</b>	Composition of the Team and Task(s) of each Team member (Soft copy to be uploaded on CPP Portal).
<b>Appendix B-5</b>	Curriculum vitae of proposed Professional staff to be uploaded on the INFRACON portal.
<b>Appendix B-6</b>	Time schedule for deployment of Professional staff (Soft copy to be uploaded on CPP Portal).
<b>Appendix B-7</b>	Activity (works) schedule (Soft copy to be uploaded on CPP Portal).
<b>Appendix B-8</b>	Affidavit for correctness of CVs of key personnel and experience claimed by the firm (Soft copy to be uploaded on CPP Portal).

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4.	Clause Section-2, Letter of Invitation to Consultants	<p>4, of to</p> <p><b>4.1 PREPARATION &amp; SUBMISSION OF APPLICATIONS:</b></p> <p>i. Detailed RFP may be downloaded from E-tendering portal of NIC i.e. <a href="https://eprocure.gov.in">https://eprocure.gov.in</a> and <a href="http://www.infracon.nic.in">http://www.infracon.nic.in</a> and <a href="https://www.nhidcl.com">https://www.nhidcl.com</a> and the Application may be submitted online following the instructions appearing on the screen.</p> <p>ii. The following shall be the form of various documents in the Application:</p> <p><b>A. <u>Only Electronic Form (to be uploaded on the E-tendering portal of Employer/NIC)</u></b></p> <p>(a) Technical proposal as indicated in para ‘B’ below</p> <p>(b) Financial proposal as per format prescribed in SECTION-5 OF RFP.</p> <p><b>B. <u>Hard copy in Original ( identical to proposals to be submitted in Sealed Envelop and also Electronic form to be uploaded on the E-tendering portal of Employer/NIC)</u></b></p> <p><b>(I) Technical Proposal in Hard Bound Form including</b></p> <p>(a) Power of Attorney for signing the Application</p> <p>(b) If applicable, the Power of Attorney for Lead Member of JV;</p> <p>(c) Copy of Memorandum of Understanding between JV partners, if applicable;</p> <p>(d) Copy of Memorandum of Understanding with Associate, if applicable</p>	<p><b>4.1 PREPARATION &amp; SUBMISSION OF APPLICATIONS:</b></p> <p>i. Detailed RFP may be downloaded from E-tendering portal of NIC i.e. <a href="https://eprocure.gov.in">https://eprocure.gov.in</a> and <a href="http://www.infracon.nic.in">http://www.infracon.nic.in</a> and <a href="https://www.nhidcl.com">https://www.nhidcl.com</a> and the Application may be submitted online following the instructions appearing on the screen.</p> <p>ii. The following shall be the form of various documents in the Application:</p> <p><b>A. <u>Electronic Form (to be uploaded on the E-tendering portal of Employer/NIC)</u></b></p> <p><b>(I) Technical proposal:</b></p> <p>(a) As indicated in para ‘B’ below.</p> <p>(b) Appendix-B1, B2, B3, B4, B6, B7, B8 of Section-4 of RFP.</p> <p><b>(II) Financial proposal as per format prescribed in SECTION-5 OF RFP.</b></p> <p><b>B. <u>Hard copy in Original ( identical to proposals to be submitted in Sealed Envelop and also Electronic form to be uploaded on the E-tendering portal of Employer/NIC)</u></b></p> <p><b>(I) Technical Proposal in Hard Bound Form including</b></p> <p>(a) Power of Attorney for signing the Application</p> <p>(b) If applicable, the Power of Attorney for Lead Member of JV;</p> <p>(c) Copy of Memorandum of Understanding between JV partners, if applicable;</p> <p>(d) Copy of Memorandum of Understanding with Associate, if applicable</p> <p>(e) Technical proposal submission form as per format</p>
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		<p>(e) Firms credentials as per format prescribed in SECTION-3 OF RFP.</p> <p>(f) Technical proposal as per format prescribed in SECTION-4 OF RFP.</p> <p><b>(II)</b> Cost of RFP of Rs. 55,000/- (Rupees Fifty five thousand only) in the form of demand draft in favour of “National Highways &amp; Infrastructure Development Corporation Ltd.” payable at New Delhi must be furnished in a separate envelope while submitting the proposal.</p> <p><b>(III)</b> Bid Security (for the amount given in section 1 of this document) in the form of a Bank Guarantee and the format specified in this document and</p> <p><b>(IV)</b> Deleted.</p>	<p>prescribed in Appendix-B1 of Section 4 of RFP.</p> <p><b>(II)</b> Cost of RFP of Rs. 55,000/- (Rupees Fifty five thousand only) in the form of demand draft in favour of “National Highways &amp; Infrastructure Development Corporation Ltd.” payable at New Delhi must be furnished in a separate envelope while submitting the proposal.</p> <p><b>(III)</b> Bid Security (for the amount given in section 1 of this document) in the form of a Bank Guarantee and the format specified in this document and</p> <p><b>(IV)</b> Deleted.</p> <p><b>C. <u>Only Electronic Form (to be uploaded on the INFRACON portal)</u></b></p> <p>(a) Firms credentials as per format prescribed in SECTION-3 OF RFP.</p> <p>(b) Curriculum vitae of proposed Professional staff.</p>
5.	<p><b>Section 2</b> <b>Clause 3.4 (iv)</b> <b>(e)</b></p>	<p>All the CVs which are to be evaluated should be complete in all respects including signing and certification by the individual and the firm. The CVs of the sub-professional staffs shall also be evaluated vis-a-vis the qualifications and experience requirements by the client. However, the evaluation carried out to judge the suitability of the candidates for the assignment shall not be counted towards evaluation of the firm’s proposal. It is clarified that the firm’s proposal shall be evaluated only on the basis of its experience and key professional staff.</p>	<p>All the CVs of Key Personnel should be complete in all respects. The CVs of the sub-professional staffs complete in all respects including signing and certification by the individual and the firm shall be required to be submitted by the selected bidder during Contract Negotiation and shall also be evaluated vis-a-vis the qualifications and experience requirements by the client. It is clarified that the firm’s proposal shall be evaluated only on the basis of its experience and key professional staff. It is clarified that the firm’s proposal shall be evaluated only on the basis of its experience and key professional staff.</p>

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6.	<b>Section 2, LOI, Clause 3.4 (iv) (a)</b>	CVs strictly in the prescribed format is to be furnished on INFRACON portal and recently signed in blue ink on each page by both the proposed professional staff and the Managing Director/Head or the authorized representative of the firm.	CVs strictly in the prescribed format are to be furnished on INFRACON portal.
7.	<b>Section 2, LOI, Clause 3.4 (iv) (f)</b>	If a CV score less than 75% marks, whatever marks it score will be carried forward for maximum 3 nos. key personnel for determining the total score of the firm. However, if the Key Personnel does not fulfill the minimum academic qualification (as mentioned at Enclosure-B of TOR of RFP), the overall score of his CV will be evaluated as zero. If the Key Personnel does not fulfill the minimum qualification related to experience (as mentioned at Enclosure-B of TOR of RFP), then zero marks will only be assigned for that sub criteria, but the marks obtained by the CV of the Key Personnel will be carried forward for maximum 3 nos. key personnel for determining the total score of the firm. In case, a firm is H-1, then all such Key Personnel (whose CV scores less than 75% or who does not fulfill the minimum qualification) will have to be replaced by the firm at the time of contract negotiations by persons scoring at least 75% marks. The reduction in remuneration of such replacements shall be 5%, 10% and 15 % for 1st replacement, 2nd replacement and 3rd replacement respectively. In case more than 3 CV scores less than 75% marks or Team leader cum Highway Engineer scores less than 75% marks, the proposal shall be considered non-responsive. During negotiation, Key Personnel will be required to produce certificate regarding qualification. However, the officials retired from MoRT&H/State/UT PWD may be exempted from producing the experience certificate.	If a CV score less than 75% marks, whatever marks it score will be carried forward for maximum 3 nos. key personnel for determining the total score of the firm. However, if the Key Personnel does not fulfill the minimum academic qualification/ minimum requisite experience in developed countries (as mentioned at Enclosure-B of TOR of RFP), the overall score of his CV will be evaluated as zero. If the Key Personnel does not fulfill the minimum qualification related to experience (as mentioned at Enclosure-B of TOR of RFP) (other than minimum requisite experience in developed countries), then zero marks will only be assigned for that sub criteria, but the marks obtained by the CV of the Key Personnel will be carried forward for maximum 3 nos. key personnel for determining the total score of the firm. In case, a firm is H-1, then all such Key Personnel (whose CV scores less than 75% or who does not fulfill the minimum qualification) will have to be replaced by the firm at the time of contract negotiations by persons scoring at least 75% marks. The reduction in remuneration of such replacements shall be 5%, 10% and 15 % for 1st replacement, 2nd replacement and 3rd replacement respectively. In case more than 3 CV scores less than 75% marks or Team leader cum Highway Engineer scores less than 75% marks, the proposal shall be considered non-responsive. During negotiation, Key Personnel will be required to produce certificate regarding qualification. However, the officials retired from MoRT&H/State/UT PWD may be exempted from producing the

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			experience certificate.
8.	<b>Section 2 Clause 3.6</b>	<p>Your Financial Proposal must be strictly using the formats attached in Section 5. No additional items/quantities other than that specified in the formats should be proposed by the Consultants since the same shall not be considered for the evaluation/award. Consultants shall be paid billing rates for services rendered by the personnel of all categories namely (i) key Personnel; (ii) sub-Professional personnel and (iii) Support staff on man-month wise. For calculating billing rates of remaining items of the financial proposal, namely (i) Transportation, (ii) Duty travel to site (iii) Deleted, (iv) office supplies communication etc (v) reports &amp; document printing and (vi) survey equipment etc. quoted amount of selected consultant will be converted to percentage of civil work cost quoted by civil contractor and payment will be made in proportionate to the financial progress of the civil work. Beginning 19th months from the last date of submission of bid, billing rates shall be increased for the remuneration part only @ 8% every 18 months. However, for evaluation and award of the Bid proposals, the quoted initial rate (as applicable for first 18 months from last date of submission of bid) shall be multiplied by the total time input for each position on this contract, i.e. without considering the increase in the billing rates. All payments shall be made in Indian Rupees and shall be subjected to applicable Indian laws withholding taxes if any.</p>	<p>Your Financial Proposal must be strictly using the formats attached in Section 5. No additional items/quantities other than that specified in the formats should be proposed by the Consultants since the same shall not be considered for the evaluation/award. Consultants shall be paid billing rates for services rendered by the personnel of all categories namely (i) Key Personnel; (ii) sub-Professional personnel and (iii) Support staff on man-month wise. For calculating billing rates of remaining items of the financial proposal, namely (i) Transportation, (ii) Duty travel to site (iii) Office Rent, (iv) office supplies communication etc (v) reports &amp; document printing and (vi) survey equipment etc., the payment of the quoted amount of selected consultant will be made on monthly basis. The Consultant shall discuss with the Client for suitable deployment of personnel &amp; economize other expenditure as per the requirement of progress of work. Beginning 19th months from the last date of submission of bid, billing rates shall be increased for the remuneration part only @ 5% every 12 months. However, for evaluation and award of the Bid proposals, the quoted initial rate (as applicable for first 12 months from last date of submission of bid) shall be multiplied by the total time input for each position on this contract, i.e. without considering the increase in the billing rates. All payments shall be made in Indian Rupees and shall be subjected to applicable Indian laws withholding taxes if any.</p>

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9.	<b>Letter of invitation to consultants Clause 3.9</b>	Service tax as applicable shall be paid to the consultant while making payment for services rendered. The consultants shall then deposit the same with the tax authorities and provide a proof of having done so within next 90 days in line with policy circulars issued by Employer. Employer shall pay only the service tax.	Goods and Services Tax as applicable minus input tax credit as objectively determined and effective with effect from 01.07.2017 shall be paid to the consultant while making payment for services rendered. The consultants shall then deposit the same with the tax authorities and provide a proof of having done so within next 90 days in line with policy circulars issued by Employer. Employer shall pay only the GST input tax credit as applicable.
10.	<b>Datasheet Clause 3.3</b>	Employer shall pay only service tax. Consultant has to assess all other taxes and should inbuilt them in their financial proposal. These taxes (other than service tax) should not be provided separately. Consultants are requested to consult Tax Consultants for details.	Employer shall pay only Goods and Service Tax (as applicable). Consultant has to assess all other taxes and should build them in their financial proposal. These taxes (other than GST) should not be provided separately. Consultants are requested to consult Tax Consultants for details.
11.	<b>Section 3, Appendix A, point no. (vi) (a) (Page no. 23)</b>	Balance Sheet/ Auditor Certificate of last 3 years (2014-15, 2015-16 and 2016-17) shall be submitted as evidence of Annual Turnover.	Balance Sheet/ Auditor Certificate of last 3 years (2014-15, 2015-16 and 2016-17) shall be submitted as evidence of Annual Turnover. In case, the Audited Balance Sheet for FY 2016-17 is not available then CA certificate for considering Annual Turnover shall be accepted.
12.	<b>Section 3, Appendix A, point no. vii (Page no. 24)</b>	Insert following note below Table at point no. vii of Appendix-A: <b>Note:</b> Substantially completed projects are those which are 90% or more complete in terms of physical progress only as certified by the Authority/ Client and can be put to use safely. Those projects shall also be considered where the Provisional Completion Certificate for the project has been issued and the Authority/ Client has certified that the Project Highway has been safely put to the use of the road users.	
13.	<b>General Conditions of Contract Clause 1.10</b>	Unless otherwise specified in the SC, the Consultants, Sub-consultants and Personnel shall pay such taxes, duties, fees and other impositions as may be levied under the Applicable Law. Service tax as applicable shall be paid to the consultant while making payment for services rendered. The consultants shall then deposit the same with the tax authorities and provide a proof of having done so within next 90 days in line with policy circulars	Unless otherwise specified in the SC, the Consultants, Sub-consultants and Personnel shall pay such taxes, duties, fees and other impositions as may be levied under the Applicable Law. Goods and Service Tax as applicable shall be paid to the consultant while making payment for services rendered. The consultants shall then deposit the same with the tax authorities and

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		issued by Employer.	provide a proof of having done so within next 90 days in line with policy circulars issued by Employer.
<b>14.</b>	<b>General Conditions of Contract</b>  <b>Clause 4.5 (c)</b>	Any of the Personnel provided as a replacement under Clauses (a) and (b) above, the rate of remuneration applicable to such person as well as any reimbursable expenditures (including expenditures due to the number of eligible dependents) the Consultants may wish to claim as a result of such replacement, shall be subject to the prior written approval by the Client. Except as the Client may otherwise agree, (i) the Consultants shall bear all additional travel and other costs arising out of or incidental to any removal and/or replacement, (ii) For reason of death/extreme medical grounds, no reduction in remuneration shall be done, and (iii) If a personnel is sought to be replaced after 3 years continuous work period on the site, reduction in remuneration shall not be considered. However, for the reason other than death/extreme medical ground, (i) for total replacement upto 33% of key personnel, remuneration shall be reduced by 10% (ii) for total replacement upto between 33% to 50%, remuneration shall be reduced by 15% and (iii) for total replacement upto between 50% to 66%, remuneration shall be reduced by 20% (iv) For total replacements beyond 66% of the key personnel the client shall initiate action of higher penalty/ termination/ debarment upto 2 years as considered appropriate.	Any of the Personnel provided as a replacement under Clauses (a) and (b) above, the rate of remuneration applicable to such person as well as any reimbursable expenditures (including expenditures due to the number of eligible dependents) the Consultants may wish to claim as a result of such replacement, shall be subject to the prior written approval by the Client. Except as the Client may otherwise agree, (i) the Consultants shall bear all additional travel and other costs arising out of or incidental to any removal and/or replacement, (ii) For reason of death/extreme medical grounds, no reduction in remuneration shall be done. However, for the reason other than death/extreme medical ground, (i) for total replacement upto 33% of key personnel, remuneration shall be reduced by 10% (ii) for total replacement upto between 33% to 50%, remuneration shall be reduced by 15% and (iii) for total replacement upto between 50% to 66%, remuneration shall be reduced by 20% (iv) For total replacements beyond 66% of the key personnel the client shall initiate action of higher penalty/ termination/ debarment upto 2 years as considered appropriate. However, no reduction in the remuneration shall be applicable for the Key Personnel whose replacement is sought after he/she has been deployed for at least 50% of his/her scheduled Man-months.  For the avoidance of doubt, Key Personnel replaced during negotiations or due to death/extreme medical grounds and those replaced after deployment of 50% of his/her scheduled Man-months, shall not be counted under the total replaced Key Personnel.

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15.	<b>Section-3</b>  <b>Appendix-A</b>	<b>Modified Clause as below:</b>  vii. Experience as Independent Consultant/Construction supervision of Tunnel (Road/Rail/Metro), separately for PPP and non-PPP Projects during the last 12years. ***  <table border="1" data-bbox="566 411 2123 1098"> <thead> <tr> <th data-bbox="566 411 651 810">S No</th> <th data-bbox="651 411 898 810">Projects Name / Year Sole Consultant/ Prime consultant of JV / minor consultant of JV/as associate consultant</th> <th data-bbox="898 411 1104 810">Type of Services rendered</th> <th data-bbox="1104 411 1216 810">Descri ption of Road/ Rail/M etro Projec t/Leng th (kms)</th> <th data-bbox="1216 411 1384 810">Client (with Complete address, Contact person, Telephone Nos. and Fax Nos.)</th> <th data-bbox="1384 411 1485 810">Total Fee for the Consu ltancy Assig nment (INR)</th> <th data-bbox="1485 411 1720 810">Fee received by Applicant (in case of JV/Association)</th> <th data-bbox="1720 411 1865 810">%age of total fee received by the firm</th> <th data-bbox="1865 411 2045 810">Approx. Cost of Road/Rail/ Metro Project</th> <th data-bbox="2045 411 2123 810">Peri od</th> </tr> <tr> <th data-bbox="566 810 651 858">1</th> <th data-bbox="651 810 898 858">2</th> <th data-bbox="898 810 1104 858">3</th> <th data-bbox="1104 810 1216 858">4</th> <th data-bbox="1216 810 1384 858">5</th> <th data-bbox="1384 810 1485 858">6</th> <th data-bbox="1485 810 1720 858">7</th> <th data-bbox="1720 810 1865 858">8</th> <th data-bbox="1865 810 2045 858">9</th> <th data-bbox="2045 810 2123 858">10</th> </tr> </thead> <tbody> <tr> <td data-bbox="566 858 651 1098"></td> <td data-bbox="651 858 898 1098"></td> <td colspan="8" data-bbox="898 858 2123 1098"> A. Completed / Substantially completed projects:   1.   2.   3. </td> </tr> </tbody> </table>								S No	Projects Name / Year Sole Consultant/ Prime consultant of JV / minor consultant of JV/as associate consultant	Type of Services rendered	Descri ption of Road/ Rail/M etro Projec t/Leng th (kms)	Client (with Complete address, Contact person, Telephone Nos. and Fax Nos.)	Total Fee for the Consu ltancy Assig nment (INR)	Fee received by Applicant (in case of JV/Association)	%age of total fee received by the firm	Approx. Cost of Road/Rail/ Metro Project	Peri od	1	2	3	4	5	6	7	8	9	10			A. Completed / Substantially completed projects:  1.  2.  3.							
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16.	<b>Section-B-4</b> (Please read as Section-4)  <b>Appendix-B-5</b>  <b>Page 32 of</b> <b>RFP.</b>	<b>Summary of Qualification &amp; Experience vis-à-vis the requirements as per TOR (To be uploaded on INFRACON portal)</b>  <table border="1" data-bbox="548 1246 1321 1420"> <thead> <tr> <th data-bbox="548 1246 703 1420" rowspan="2">Require ments as per TOR (Enclosur</th> <th data-bbox="703 1246 882 1420" rowspan="2">Possessed by the Staff Member</th> <th colspan="2" data-bbox="882 1246 1321 1286">Break-up of experience</th> </tr> <tr> <th data-bbox="882 1286 1137 1420">Brief Description of Project</th> <th data-bbox="1137 1286 1321 1420">Man- months</th> </tr> </thead> <tbody> <tr> <td data-bbox="548 1286 703 1420"></td> <td data-bbox="703 1286 882 1420"></td> <td data-bbox="882 1286 1137 1420"></td> <td data-bbox="1137 1286 1321 1420"></td> </tr> </tbody> </table>	Require ments as per TOR (Enclosur	Possessed by the Staff Member	Break-up of experience		Brief Description of Project	Man- months					<b>Deleted.</b>																										
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**Certification by the Candidate (To be uploaded on INFRACON portal)**

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17.

**18. Special Conditions of Contract Clause 6.2 (a) (i)**

Consultants shall be paid billing rates for services rendered by the personnel of all categories namely (i) key Personnel; (ii) sub-Professional personnel and (iii) Support staff on man-moth wise. For calculating billing rates of remaining items of the financial proposal, namely (i) Transportation (ii) Duty travel to site (iii) Office Rent, (iv) office supplies communication etc (v) reports & document printing and (vi) survey equipment etc. quoted amount of selected consultant will be converted to percentage of civil work cost quoted by civil contractor and payment will be made in proportionate to the financial progress of the civil work. Beginning 19th months from the last date of submission of bid, billing rates shall be increased for the remuneration part only @ 8% every 18 months. However, for evaluation and award of the Bid proposals, the quoted initial rate (as applicable for first 18 months from last date of submission of bid) shall be multiplied by the total time input for each position on this contract, i.e. without considering the increase in the billing rates. All payments shall be made in Indian Rupees and shall be subjected to applicable Indian laws withholding taxes if any.

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19.	<b>Appendix-G</b>	1. Monthly rates for local Personnel (Key Personnel and other Personnel)	1. Monthly rates for foreign/ local Personnel (Key Personnel and other Personnel)																														
20.	<b>Appendix-O Page 120 Clause 2.1 , Note (i)</b>	<p>Weightage to be given when experience by a Firm as Sole Firm/Lead Partner in a JV/ Other Partner in a JV/As Associate</p> <table border="1" data-bbox="551 395 1352 703"> <thead> <tr> <th>Sl No.</th> <th>Status of the firm in carrying out DPR/ Feasibility Study</th> <th>Weightage for experience</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Sole firm</td> <td>100 %</td> </tr> <tr> <td>2</td> <td>Lead partner in a JV</td> <td>50%</td> </tr> <tr> <td>3</td> <td>Other partner in a JV</td> <td>30 %</td> </tr> <tr> <td>4</td> <td>As Associate</td> <td>25%</td> </tr> </tbody> </table>	Sl No.	Status of the firm in carrying out DPR/ Feasibility Study	Weightage for experience	1	Sole firm	100 %	2	Lead partner in a JV	50%	3	Other partner in a JV	30 %	4	As Associate	25%	<p>Weightage to be given when experience by a Firm as Sole Firm/Lead Partner in a JV/ Other Partner in a JV/As Associate</p> <table border="1" data-bbox="1364 395 2157 703"> <thead> <tr> <th>Sl No.</th> <th>Status of the firm in carrying out DPR/ Feasibility Study</th> <th>Weightage for experience</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Sole firm</td> <td>100 %</td> </tr> <tr> <td>2</td> <td>Lead partner in a JV</td> <td>60%*</td> </tr> <tr> <td>3</td> <td>Other partner in a JV</td> <td>40 %*</td> </tr> <tr> <td>4</td> <td>As Associate</td> <td>25%</td> </tr> </tbody> </table> <p><b>*If the JV share is not available in the proposal.</b></p>	Sl No.	Status of the firm in carrying out DPR/ Feasibility Study	Weightage for experience	1	Sole firm	100 %	2	Lead partner in a JV	60%*	3	Other partner in a JV	40 %*	4	As Associate	25%
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21.	<b>Section-6 Terms of Reference Clause 13</b>	<p>The successful consulting firm shall have to submit a Bank Guarantee (BG) for an amount of 2.50% of the Contract Value within 15 days of issue of LOA. The BG shall be valid for a period of 2 months beyond the expiry of the Contract period. The BG shall be in the format specified in Appendix –I of draft contract form and furnished from a Nationalised Bank, IDBI or ICICI/ICICI Bank/Foreign Bank/EXIM Bank / Any Scheduled Commercial Bank approved by RBI having a net worth of not less than 500 crore as per latest Annual Report of the Bank. In the case of a Foreign Bank (issued by a Branch in India) the net worth in respect of Indian operations shall only be taken into account. In case of Foreign Bank, the BG issued by Foreign Bank should be counter guaranteed by any Nationalised Bank in India. In case of JV, the BG shall be furnished on behalf of the JV and not individually by the members.</p>	<p>The successful consulting firm shall have to submit a Bank Guarantee (BG) for an amount of 2.50% of the Contract Value within 15 days of issue of LOA. The BG shall be in the format specified in Appendix –I of draft contract form and furnished from a Nationalised Bank, IDBI or ICICI/ICICI Bank/Foreign Bank/EXIM Bank / Any Scheduled Commercial Bank approved by RBI having a net worth of not less than 500 crore as per latest Annual Report of the Bank. In the case of a Foreign Bank (issued by a Branch in India) the net worth in respect of Indian operations shall only be taken into account. In case of Foreign Bank, the BG issued by Foreign Bank should be counter guaranteed by any Nationalised Bank in India. In case of JV, the BG shall be furnished on behalf of the JV and not individually by the members. The successful consultancy firm may initially provide the Performance Security for a period of 7 (seven) years; provided that it shall procure the extension of the validity of the Performance Security, as necessary, at least 2 (two) months prior</p>																														

*Mandeep*  
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22.	Section-6 Terms of Reference Enclosure-B Qualification of Key Personnel	<p><b>TUNNEL DESIGN ENGINEER</b></p> <p><b>Duties:</b> The Tunnel Design Engineer shall be responsible for checking the designs of tunnel/design review and other incidental works to be constructed in the Project using sophisticated computer software. He shall be responsible for Detailed Design Calculation and drawing for tunnels. He shall be responsible for comprehensive assessment of structural condition of all the tunnel assets. His expertise shall include computer aided design methods for Tunnel Engineering with particular reference to Tunnel design He should have the following qualification / experience.</p> <p><b>(1) Essential Qualifications.</b></p> <p>(a) Graduate in Civil Engineering from a recognized University. .....</p> <p><b>2) Preferential Qualifications.</b></p> <p>(a) Post Graduate in Engineering in structural engineering</p> <p>(b) Innovative transport tunnel design like immersed tunnel and sub-sea board tunnel</p>		<p><b>TUNNEL DESIGN ENGINEER</b></p> <p><b>Duties:</b> The Tunnel Design Engineer shall be responsible for checking the designs of tunnel/design review and other incidental works to be constructed in the Project using sophisticated computer software. He shall be responsible for Detailed Design Calculation/ design review and drawing for tunnels. He shall be responsible for comprehensive assessment of structural condition of all the tunnel assets. His expertise shall include computer aided design methods for Tunnel Engineering with particular reference to Tunnel design He should have the following qualification / experience.</p> <p><b>(1) Essential Qualifications.</b></p> <p>(a) Graduate in Civil Engineering/Mining Engineering from a recognized University. .....</p> <p><b>2) Preferential Qualifications.</b></p> <p>(a) Post Graduate in Civil Engineering (Structural) / Mining Engineering</p> <p>(b) Experience in innovative transport tunnel design like design of immersed tunnel and/or sub-sea board tunnel.</p>																			
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*Signature*  
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*Amrinder*  
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	<b>Senior Geotechnical Expert SI No. I;</b>		Engineering/ Tunnel Engineering			Mining Engineering/ Geotechnical Engineering/ Fracture Mechanics. * In case the Key personnel is Graduate in Geology and fulfils the Post Graduation criteria as above, then he/she will be awarded full marks in the General Qualification criteria.	
<b>26.</b>	<b>Appendix-O Detailed Evaluation Criteria Clause 2.2.6, Senior Geologist SI No. b(iii);</b>	b. iii)	Experience in similar capacity in highway tunnel construction/construction supervision with minimum length of 4Km < 2 projects - 0 2 project - 7 marks Add 1.5 marks extra for each additional projects subject to maximum 3 (three) marks.	10	b. iii)	Experience in similar capacity in highway/Rail/Metro tunnel construction/construction supervision with minimum length of 4Km < 2 projects - 0 2 project - 7 marks Add 1.5 marks extra for each additional projects subject to maximum 3 (three) marks.	10

*Ammandeep*  
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27.	Appendix-O Detailed Evaluation Criteria Clause 2.2.8, Contract Specialist SI No. b(i);						
		b. i)	<b>Experience as Contract Expert or similar capacity in major roads/ highway projects</b> < 10 years - 0 10 years - 10 marks Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks.	15	b. i)	<b>Experience as Contract Expert or similar capacity in major Roads/Rail/Metro projects</b> < 10 years - 0 10 years - 10 marks Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks.	15
		c. i)	<b>Experience of contract management of major roads/ highway projects over Rs 500 crore including experience of handling variation orders, claims of the contractor</b> < 4 projects - 0 4 projects - 12 Add 1 mark extra for each additional project subject to maximum 3 (three) marks.	15	c. i)	<b>Experience of contract management of major Roads/ Rail/Metro projects over Rs 500 crore including experience of handling variation orders, claims of the contractor</b> < 4 projects - 0 4 projects - 12 Add 1 mark extra for each additional project subject to maximum 3 (three) marks.	15

*Amander*  
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28.	<b>Appendix-O Detailed Evaluation Criteria, Clause 2.1: Firm's Relevant Experience</b>	<table border="1"> <tr> <td data-bbox="566 220 689 419">III</td> <td data-bbox="689 220 1256 419">Experience in construction supervision/Independent Engineer/Authority's Engineer of a tunnel project during the last 12 years of minimum length equal to or more than 4.25 km in a single stretch</td> <td data-bbox="1256 220 1350 419">16</td> </tr> <tr> <td data-bbox="566 419 689 459">(i)</td> <td data-bbox="689 419 1256 459">&lt; 4.25 km = 0</td> <td data-bbox="1256 419 1350 459"></td> </tr> <tr> <td data-bbox="566 459 689 499">(ii)</td> <td data-bbox="689 459 1256 499">≥4.25 Km to 10.00 Km = 12</td> <td data-bbox="1256 459 1350 499"></td> </tr> <tr> <td data-bbox="566 499 689 539">(iii)</td> <td data-bbox="689 499 1256 539">≥10.00 to 12.00 Km = 13</td> <td data-bbox="1256 499 1350 539"></td> </tr> <tr> <td data-bbox="566 539 689 579">(iv)</td> <td data-bbox="689 539 1256 579">&gt;12.00 and equal to 14 Km = 14</td> <td data-bbox="1256 539 1350 579"></td> </tr> <tr> <td data-bbox="566 579 689 619">(v)</td> <td data-bbox="689 579 1256 619">&gt;14 and above = 16</td> <td data-bbox="1256 579 1350 619"></td> </tr> <tr> <td data-bbox="566 619 689 818">IV</td> <td data-bbox="689 619 1256 818">Experience in DPR preparation/Design/Feasibility Study of tunnel projects of length equal to or more than 4.25 Km in a single stretch in last 12 years.</td> <td data-bbox="1256 619 1350 818">5</td> </tr> <tr> <td data-bbox="566 818 689 858">(i)</td> <td data-bbox="689 818 1256 858">1 project: 4 marks</td> <td data-bbox="1256 818 1350 858"></td> </tr> <tr> <td data-bbox="566 858 689 978">(ii)</td> <td data-bbox="689 858 1256 978">Add 0.5 (zero point two five) marks extra for each additional project subject to maximum 1 mark.</td> <td data-bbox="1256 858 1350 978"></td> </tr> <tr> <td data-bbox="566 978 689 1013"></td> <td data-bbox="689 978 1256 1013" style="text-align: right;">Total</td> <td data-bbox="1256 978 1350 1013">25</td> </tr> </table>	III	Experience in construction supervision/Independent Engineer/Authority's Engineer of a tunnel project during the last 12 years of minimum length equal to or more than 4.25 km in a single stretch	16	(i)	< 4.25 km = 0		(ii)	≥4.25 Km to 10.00 Km = 12		(iii)	≥10.00 to 12.00 Km = 13		(iv)	>12.00 and equal to 14 Km = 14		(v)	>14 and above = 16		IV	Experience in DPR preparation/Design/Feasibility Study of tunnel projects of length equal to or more than 4.25 Km in a single stretch in last 12 years.	5	(i)	1 project: 4 marks		(ii)	Add 0.5 (zero point two five) marks extra for each additional project subject to maximum 1 mark.			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*Signature*  
29/11

<p>30.</p>	<p><b>Data sheet Para 5.1 (i) Page 20 of RFP</b></p>	<p>Sub criteria for Relevant Experience of the firm for the assignment:</p> <table border="1" data-bbox="519 354 1308 1072"> <thead> <tr> <th>Criteria</th> <th>Mark</th> </tr> </thead> <tbody> <tr> <td>Year of Establishment of the Firm (In case of JV year of establishment of Lead Member shall be considered)</td> <td>2</td> </tr> <tr> <td>Average Annual Turnover (last 3years) from consultancy business</td> <td>2</td> </tr> <tr> <td>Experience in Construction Supervision/Independent Engineer/Authority Engineer in transportation Tunnel Projects (Road/Rail/Metro) of 30% of project length or 4 Km in length, which ever in minimum for which the RFP is invited in last 12years*</td> <td>16</td> </tr> <tr> <td>Experience in DPR preparation/ Design/Feasibility Study for transportation Tunnel Projects of Road/rail/Metro of 30% of project length or 4 Km in length, which ever in minimum for which the RFP is invited in last 12years*</td> <td>5</td> </tr> <tr> <td>Total</td> <td>25</td> </tr> </tbody> </table> <p>.....</p>	Criteria	Mark	Year of Establishment of the Firm (In case of JV year of establishment of Lead Member shall be considered)	2	Average Annual Turnover (last 3years) from consultancy business	2	Experience in Construction Supervision/Independent Engineer/Authority Engineer in transportation Tunnel Projects (Road/Rail/Metro) of 30% of project length or 4 Km in length, which ever in minimum for which the RFP is invited in last 12years*	16	Experience in DPR preparation/ Design/Feasibility Study for transportation Tunnel Projects of Road/rail/Metro of 30% of project length or 4 Km in length, which ever in minimum for which the RFP is invited in last 12years*	5	Total	25	<p>Sub criteria for Relevant Experience of the firm for the assignment:</p> <table border="1" data-bbox="1326 354 2103 1088"> <thead> <tr> <th>Criteria</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>Year of Establishment of the Firm (In case of JV year of establishment of Lead Member shall be considered)</td> <td>2</td> </tr> <tr> <td>Average Annual Turnover (last 3years) from consultancy business</td> <td>2</td> </tr> <tr> <td>Experience in Construction Supervision/Independent Engineer/Authority Engineer in transportation Tunnel Projects (Road/Rail/Metro) of 30% of project length for which the RFP is invited in last 12years*</td> <td>16</td> </tr> <tr> <td>Experience in DPR preparation/ Design/Feasibility Study for transportation Tunnel Projects of Road/rail/Metro of 30% of project length for which the RFP is invited in last 12years*</td> <td>5</td> </tr> <tr> <td>Total</td> <td>25</td> </tr> </tbody> </table> <p><b>*Project length shall be considered as 14.31 km and 30% of project length shall be considered as 4.29 km.</b></p> <p>.....</p>	Criteria	Marks	Year of Establishment of the Firm (In case of JV year of establishment of Lead Member shall be considered)	2	Average Annual Turnover (last 3years) from consultancy business	2	Experience in Construction Supervision/Independent Engineer/Authority Engineer in transportation Tunnel Projects (Road/Rail/Metro) of 30% of project length for which the RFP is invited in last 12years*	16	Experience in DPR preparation/ Design/Feasibility Study for transportation Tunnel Projects of Road/rail/Metro of 30% of project length for which the RFP is invited in last 12years*	5	Total	25
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<p>31.</p>	<p><b>Clause 2.4 of Special Conditions of Contract, Page 92 of RFP</b></p>	<p>The time period shall be <u>36 months (30 month for construction period and 6 months for Maintenance period)</u></p>	<p>The time period shall be <u>132 months (84 months for construction period and 48 months for Operation &amp; Maintenance period)</u></p>																								

*Arunadev*  
20/8

32.	Technical Proposal format, Appendix-B-1 Page 26 of RFP	----	As per Annexure-I																																						
33.	Location Map	--	Enclosed as 'Annexure-II'																																						
34.	<p>In APPENDIX C-3, BREAK DOWN OF COSTS; The table regarding 1. REMUNERATION FOR PROFESSIONAL STAFF is modified as below:</p> <p style="text-align: center;"><b><u>APPENDIXC-3</u></b></p> <p style="text-align: center;"><b><u>BREAK DOWN OF COSTS</u></b></p> <p><b>1. REMUNERATION FOR PROFESSIONAL STAFF</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">S. No.</th> <th style="width: 35%;">Key Personnel/ Sub Professional Staff</th> <th style="width: 15%;">Man-month in Construction period of 84 months*</th> <th style="width: 15%;">Man-month in Operation &amp; Maintenance/Defect Liability period of 48 months</th> <th style="width: 10%;">Billing Rate (Rs)</th> <th style="width: 15%;">Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td colspan="6"><b><u>1.1: Key Personnel</u></b></td> </tr> <tr> <td>1.11</td> <td>Team Leader Cum Senior Tunnel Expert</td> <td>84</td> <td>12</td> <td></td> <td></td> </tr> <tr> <td>1.12</td> <td>Residential Engineer cum Excavation specialist</td> <td>70</td> <td>40</td> <td></td> <td></td> </tr> <tr> <td>1.13</td> <td>Senior Geotechnical Expert</td> <td>70</td> <td>4</td> <td></td> <td></td> </tr> <tr> <td>1.14</td> <td>Tunnel Design Engineer</td> <td>42</td> <td>0</td> <td></td> <td></td> </tr> </tbody> </table>					S. No.	Key Personnel/ Sub Professional Staff	Man-month in Construction period of 84 months*	Man-month in Operation & Maintenance/Defect Liability period of 48 months	Billing Rate (Rs)	Amount (Rs)	<b><u>1.1: Key Personnel</u></b>						1.11	Team Leader Cum Senior Tunnel Expert	84	12			1.12	Residential Engineer cum Excavation specialist	70	40			1.13	Senior Geotechnical Expert	70	4			1.14	Tunnel Design Engineer	42	0		
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*Signature*  
29/5

1.15	Tunnel Safety Expert	52	24		
1.16	Tunnel ventilation Cum E&M expert	60	12		
1.17	Senior Geologist	48	4		
1.18	Contract Specialist	56	6		
1.19	Instrumentation & Control (SCADA) Expert	12	12		
	<b>Sub Total</b>	<b>494</b>	<b>114</b>		
<b>1.2: Sub Professional Staff</b>					
1.21	Tunnel Engineer (4 Nos *70)	280	0		
1.22	Tunnel Excavation Expert (2 Nos *70)	140	0		
1.23	Tunnel Lining (2 nos *70)	140	0		
1.24	Geologist (2 Nos *70)	140	0		
1.25	Quantity Surveyor (2 Nos *60)	120	24		
1.26	Highway Engineer	12	0		
1.27	Bridge/Structural Engineer	12	2		
1.28	Material Engineer (3 Nos *60)	180	0		
1.29	Safety Engineer	70	40		
1.30	Environmental Expert	15	4		
1.31	CAD expert (2 Nos *70)	140	0		
1.32	Lab Technician (2 Nos *70)	140	0		
	<b>Sub Total</b>	<b>1389</b>	<b>70</b>		

*A. Manderup*  
29/8

35.	<b>Clause 6 of Notice Inviting Tender (NIT)</b>	<p>The critical date sheet for bidding process is to be followed for this assignment is given here as under:</p> <table border="1" data-bbox="622 331 1361 587"> <tr> <td><b>Bid submission End Date (online &amp; physical Copy)</b></td> <td><b>30.08.2017 (1500 hrs)</b></td> </tr> <tr> <td><b>Opening Date of Technical Bid</b></td> <td><b>31.08.2017 (1530 hrs)</b></td> </tr> <tr> <td><b>Date of uploading of list of Technically Qualified Applicants</b></td> <td><b>15.09.2017 (1500 hrs)</b></td> </tr> <tr> <td><b>Date of Opening of Financial Bids of Qualified Applicants</b></td> <td><b>To be intimated with the result of technical evaluation</b></td> </tr> </table>	<b>Bid submission End Date (online &amp; physical Copy)</b>	<b>30.08.2017 (1500 hrs)</b>	<b>Opening Date of Technical Bid</b>	<b>31.08.2017 (1530 hrs)</b>	<b>Date of uploading of list of Technically Qualified Applicants</b>	<b>15.09.2017 (1500 hrs)</b>	<b>Date of Opening of Financial Bids of Qualified Applicants</b>	<b>To be intimated with the result of technical evaluation</b>	<p>The critical date sheet for bidding process is to be followed for this assignment is given here as under:</p> <table border="1" data-bbox="1397 331 2101 595"> <tr> <td><b>Bid submission End Date (online &amp; physical Copy)</b></td> <td><b>14.09.2017 (1500 hrs)</b></td> </tr> <tr> <td><b>Opening Date of Technical Bid</b></td> <td><b>15.09.2017 (1530 hrs)</b></td> </tr> <tr> <td><b>Date of uploading of list of Technically Qualified Applicants</b></td> <td><b>29.09.2017 (1500 hrs)</b></td> </tr> <tr> <td><b>Date of Opening of Financial Bids of Qualified Applicants</b></td> <td><b>To be intimated with the result of technical evaluation</b></td> </tr> </table>	<b>Bid submission End Date (online &amp; physical Copy)</b>	<b>14.09.2017 (1500 hrs)</b>	<b>Opening Date of Technical Bid</b>	<b>15.09.2017 (1530 hrs)</b>	<b>Date of uploading of list of Technically Qualified Applicants</b>	<b>29.09.2017 (1500 hrs)</b>	<b>Date of Opening of Financial Bids of Qualified Applicants</b>	<b>To be intimated with the result of technical evaluation</b>
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*Ammandeep*  
29/9

Annexure-I

**APPENDIX B-1**

**Technical proposal submission form.**

FROM (Name of Firm)

To: (Name and Address of Client)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Ladies/Gentlemen:

Subject: Submission of Technical and Financial Proposal for engagement as Authority's Engineer for the EPC work \_\_\_\_\_.

We, the undersigned, offer to provide the consulting services for the above in accordance with your Request for Proposal dated (Date), and our Proposal. We are hereby submitting our Proposal, which includes this Technical Proposal sealed under a separate envelope and a Financial Proposal on-line for the above mentioned work.

The details of our submission through the INFRACON Portal of NHIDCL are available under the following IDs:

1. Our Firm email ID \_\_\_\_\_
2. Our Unique Team ID \_\_\_\_\_
3. Our proposed Key Personnel email ID \_\_\_\_\_  
alongwith designation (For all proposed Key Personnel)

Sr. No.	Key Personnel	Staff Position	e-mail id
1	TBN	Team Leader Cum Senior Tunnel Expert	
2	TBN	Residential Engineer cum Excavation specialist	
3	TBN	Senior Geotechnical Expert	
4	TBN	Tunnel Design Engineer	
5	TBN	Tunnel Safety Expert	
6	TBN	Tunnel ventilation Cum E&M expert	
7	TBN	Senior Geologist	
8	TBN	Contract Specialist	
9	TBN	Instrumentation & Control (SCADA) Expert	

This is to confirm that the information submitted in INFRACON is true and correct to the best of my knowledge and I would be personally responsible for any mis-representation in this regard.

  
29/5

We understand that Employer shall be at liberty to keep the credentials of Consultants submitted at bidding stage, in public domain and the same may be uploaded by Employer on official website of Employer. We undertake that we shall have no objection if Employer uploads/hosts the information pertaining to credentials of our firm as well as of our key personnel.

If negotiations are held during the period of validity of the Proposal i.e. before (Date) we undertake to negotiate on the basis of the proposed staff. Our Proposal is binding upon us and subject to the modifications resulting from contract negotiations.

We understand you are not bound to accept any Proposal you receive

We remain,

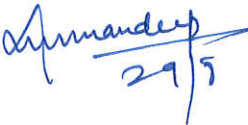
Yours sincerely,

Managing Director/Head of the firm/Authorised  
Representative of the firm\*

Name of the firm

Address

\*Lead Member in case of JV

  
29/5

--\*--

Annexure-II



*Ajmaudeep*