

National Highways & Infrastructure Development Corporation Limited

PROJECT NAME: WIDENING AND UPGRADATION TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS FROM KM 166.000 TO KM 208.000 (**PACKAGE-4**) ON AIZAWL-TUIPANG SECTION OF NH-54 IN THE STATE OF MIZORAM ON ENGINEERING, PROCUREMENT AND CONSTRUCTION (EPC) MODE WITH JICA LOAN ASSISTANCE.

Bid/ Package No: NHIDCL/ NH-54-Miz-2017-18-158/**Package-4**

Tender Id: 2017_NHIDC_275447_1

Amendment No. 10

Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision	Modified Provision (To be read as)																																
REQUEST FOR PROPOSAL (RFP)																																			
1.	Clause 1.1.1 of Section-I, Introduction, Page no.8	Add the following at the end of this Clause: The Estimated Project Cost is Rs 471.35 Crore (Rs Four Hundred Seventy One Crore and Thirty Five Lakh). The Cost Estimate is also being uploaded on the website. IT MAY PLEASE BE NOTED that the Cost Estimate including the details therein are <u>only indicative</u> and the bidders have to assess the cost at their own before submitting their bids.																																	
2.	Clause 1.2.4 of Section-I, Introduction, Page no.9	A bidder..... BID Security of Rs 5.38 Crore (the " BID Security ").....BID Security.	A bidder..... BID Security of Rs 4.71 Crore (the " BID Security ").....BID Security.																																
3.	Clause 1.3 of Section-I of RFP, Page no. 10	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Event Description</th> <th>Existing Date</th> <th>Modified Date</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Authority response to queries latest by</td> <td>19.07.2018</td> <td>25.07.2018</td> </tr> <tr> <td>5</td> <td>Bid submission start date</td> <td>19.01.2018</td> <td>19.01.2018</td> </tr> <tr> <td>6</td> <td>Last date of Request for BID Document</td> <td>26.07.2018 upto 1100 hrs.</td> <td>16.08.2018 upto 1100 hrs.</td> </tr> <tr> <td>7</td> <td>BID Due Date</td> <td>26.07.2018 upto 1500 hrs.</td> <td>16.08.2018 upto 1500 hrs.</td> </tr> <tr> <td>8</td> <td>Physical Submission of Bid Security/POA etc.</td> <td>26.07.2018 upto 1500 hrs.</td> <td>16.08.2018 upto 1500 hrs.</td> </tr> <tr> <td>9</td> <td>Opening of Technical BIDs at venue 2.11.4 (i)</td> <td>27.07.2018 at 1530 hrs.</td> <td>17.08.2018 at 1530 hrs.</td> </tr> <tr> <td>10</td> <td>Declaration of eligible / qualified bidders</td> <td>14.08.2018</td> <td>04.09.2018</td> </tr> </tbody> </table>	Sl. No.	Event Description	Existing Date	Modified Date	4	Authority response to queries latest by	19.07.2018	25.07.2018	5	Bid submission start date	19.01.2018	19.01.2018	6	Last date of Request for BID Document	26.07.2018 upto 1100 hrs.	16.08.2018 upto 1100 hrs.	7	BID Due Date	26.07.2018 upto 1500 hrs.	16.08.2018 upto 1500 hrs.	8	Physical Submission of Bid Security/POA etc.	26.07.2018 upto 1500 hrs.	16.08.2018 upto 1500 hrs.	9	Opening of Technical BIDs at venue 2.11.4 (i)	27.07.2018 at 1530 hrs.	17.08.2018 at 1530 hrs.	10	Declaration of eligible / qualified bidders	14.08.2018	04.09.2018	
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25.07.2018

Amendment No. 10

Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision		Modified Provision (To be read as)	
		11	Opening of Financial BID	21.08.2018	10.09.2018
		12	Letter of Award (LOA)	28.08.2018	17.09.2018
		13	Validity of BID	120 days from BID Due Date	120 days from BID Due Date
		14	Signing of Agreement	Within 15 days of award of LOA	Within 15 days of award of LOA
4.	Clause 2.1.6 of Section-II, Instructions to Bidders, Page no.11	The Bidder shall deposit a BID Security of Rs 5.38 Crore (Rs Five Crore and Thirty Eight Lakh only).....New Delhi.		The Bidder shall deposit a BID Security of Rs 4.71 Crore (Rs Four Crore and Seventy One Lakh).....New Delhi.	
5.	Clause 2.2.2.1 of Section-II, Instructions to Bidders, Page no.16	Bidders who inter alia..... more than Rs 537.82 Crore (Rs Five Hundred Thirty Seven Crore and Eighty Two Lakh)..... Appendix-IA:		Bidders who inter alia..... more than Rs 471.35 Crore (Rs Four Hundred Seventy One Crore and Thirty Five Lakh)..... Appendix-IA:	
6.	Clause 2.2.2.1 of Section-II, Instructions to Bidders, Page no.16	<p>B = Value (updated to the price level of the year indicated in table below under note) of existing commitments, works for which LOA issued and on-going works to be completed during the period of completion of the works for which BID is invited.</p> <p>Note: The Statement showing the value of all existing commitments, works for which LOA issued and ongoing works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Client or its Engineer-in-charge not below the rank of Executive Engineer or equivalent in respect of EPC</p>		<p>B = Value (updated to the price level of the year indicated in table below under note) of existing commitments, works for which <u>Appointed Date/ Commencement Date</u> has been declared and on-going works to be completed during the period of completion of the works for which BID is invited.</p> <p>Note: The Statement showing the value of all existing commitments, works for which <u>Appointed Date/ Commencement Date</u> has been declared and ongoing works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Client or its Engineer-in-charge not below</p>	



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Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision	Modified Provision (To be read as)																								
		<p>Projects or Concessionaire / Authorised Signatory of SPV in respect of BOT Projects and verified by Statutory Auditor. The factor for the year for updation to the price level is indicated as under:</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Year-1</th> <th>Year-2</th> <th>Year-3</th> <th>Year-4</th> <th>Year-5</th> </tr> </thead> <tbody> <tr> <td>Up-dation factor</td> <td>1.00</td> <td>1.05</td> <td>1.10</td> <td>1.15</td> <td>1.20</td> </tr> </tbody> </table>	Year	Year-1	Year-2	Year-3	Year-4	Year-5	Up-dation factor	1.00	1.05	1.10	1.15	1.20	<p>the rank of Executive Engineer or equivalent in respect of EPC Projects or Concessionaire / Authorised Signatory of SPV in respect of BOT Projects and verified by Statutory Auditor. The <u>factors for Updation of the value of Civil Engineering Works to the price level of the year</u> are indicated as under:</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Year-1</th> <th>Year-2</th> <th>Year-3</th> <th>Year-4</th> <th>Year-5</th> </tr> </thead> <tbody> <tr> <td>Up-dation factor</td> <td>1.00</td> <td>1.05</td> <td>1.10</td> <td>1.15</td> <td>1.20</td> </tr> </tbody> </table>	Year	Year-1	Year-2	Year-3	Year-4	Year-5	Up-dation factor	1.00	1.05	1.10	1.15	1.20
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Up-dation factor	1.00	1.05	1.10	1.15	1.20																						
7.	Clause 2.2.2.2 (i), Technical Capacity of Section-II, Instructions to Bidders, Page no.17	For demonstrating technical capacity.....more than Rs 1075.64 Crore (Rs. One Thousand Seventy Five Crore and Sixty Four Lakh) (the “ Threshold Technical Capacity ”).	For demonstrating technical capacity.....more than Rs 707.02 Crore (Rs. Seven Hundred Seven Crore and Two Lakh) (the “ Threshold Technical Capacity ”).																								
8.	Clause 2.2.2.2 (ii), Technical Capacity of Section-II, Instructions to Bidders, Page no.17	Provided that at least one similar work of Rs 134.46 Crore (Rs. One Hundred Thirty Four Crore and Forty Six Lakh).....or more than Rs 134.46 Crore (Rs. One Hundred Thirty Four Crore and Forty Six Lakhs).	Provided that at least one similar work of Rs 117.84 Crore (Rs. One Hundred Seventeen Crore and Eighty Four Lakh).....or more than Rs 117.84 Crore (Rs. One Hundred Seventeen Crore and Eighty Four Lakh).																								
9.	Clause 2.2.2.3 (i), Financial Capacity of Section-II, Instructions to Bidders, Page no.17	The Bidder shall have a minimum Net Worth the “ Financial Capacity ”) of Rs 26.89 Crore (Rs Twenty Six Crore and Eighty Nine Lakh) at the close of the preceding financial year.	The Bidder shall have a minimum Net Worth the “ Financial Capacity ”) of Rs 23.57 Crore (Rs Twenty Three Crore and Fifty Seven Lakh) at the close of the preceding financial year.																								
10.	Clause 2.2.2.3 (ii), Financial Capacity of Section-II, Instructions to Bidders, Page no.18	The Bidder shall have a minimum Average Annual Turnover (updated to the price level of the year indicated in table below) of Rs 107.56 Crore (Rs One Hundred Seven Crore and Fifty Six Lakh) for the last 5 (five) financial years.	The Bidder shall have a minimum Average Annual Turnover (updated to the price level of the year indicated in table below) of Rs 94.27 Crore (Rs Ninety Four Crore and Twenty Seven Lakh) for the last 5 (five) financial years.																								

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11.	Clause 2.2.2.6 (ii), of Section-II, Instructions to Bidders, Page no.20	For a project to qualify..... amount less than Rs 53.78 Crore (Rs Fifty Three Crore and Seventy Eight Lakh)..... hereunder.		For a project to qualify..... amount less than Rs 47.13 Crore (Rs Forty Seven Crore and Thirteen Lakh)..... hereunder.													
12.	Clause 2.11.1 (f) Technical Bid of Section-II, Instructions to Bidders, Page no.25	BID Security of Rs. 5.38 (Rs Five Crore and Thirty Eight Lakh) in the form of Bank Guarantee in the format at Appendix-II from a Scheduled Bank;		BID Security of Rs. 4.71 (Rs Four Crore and Seventy One Lakh) in the form of Bank Guarantee in the format at Appendix-II from a Scheduled Bank;													
13.	Clause 2.11.2 (d) Financial Bid of Section-II, Instructions to Bidders, Page no.26	BID Security of Rs. Rs. 5.38 (Rs Five Crore and Thirty Eight Lakh) in the form of Original Bank Guarantee in the format at Appendix-II from a Scheduled Bank;		BID Security of Rs. 4.71 (Rs Four Crore and Seventy One Lakh) in the form of Original Bank Guarantee in the format at Appendix-II from a Scheduled Bank;													
14.	Clause 20, Appendix I A, Letter Comprising the Technical Bid Page no.41	I/ We offer a BID Security of Rs. 5.38 (Rs Five Crore and Thirty Eight Lakh) to the Authority in accordance with the RFP Document.		I/ We offer a BID Security of Rs. 4.71 (Rs Four Crore and Seventy One Lakh) to the Authority in accordance with the RFP Document.													
15.	2 nd Column of Table to calculate the Value of 'A' in Annex-VI to Appendix – IA, Page no.57		<table border="1"> <thead> <tr> <th data-bbox="835 802 1126 842">Year</th> </tr> </thead> <tbody> <tr> <td data-bbox="835 842 1126 882">2016-17/2016</td> </tr> <tr> <td data-bbox="835 882 1126 922">2015-16/2015</td> </tr> <tr> <td data-bbox="835 922 1126 962">2014-15/2014</td> </tr> <tr> <td data-bbox="835 962 1126 1002">2013-14/2013</td> </tr> <tr> <td data-bbox="835 1002 1126 1034">2012-13/2012</td> </tr> </tbody> </table>	Year	2016-17/2016	2015-16/2015	2014-15/2014	2013-14/2013	2012-13/2012		<table border="1"> <thead> <tr> <th data-bbox="1489 802 1780 842">Year</th> </tr> </thead> <tbody> <tr> <td data-bbox="1489 842 1780 882">2017-18/2017</td> </tr> <tr> <td data-bbox="1489 882 1780 922">2016-17/2016</td> </tr> <tr> <td data-bbox="1489 922 1780 962">2015-16/2015</td> </tr> <tr> <td data-bbox="1489 962 1780 1002">2014-15/2014</td> </tr> <tr> <td data-bbox="1489 1002 1780 1034">2013-14/2013</td> </tr> </tbody> </table>	Year	2017-18/2017	2016-17/2016	2015-16/2015	2014-15/2014	2013-14/2013
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16.	Header of last Column in the Table to calculate the Value of 'B' in Annex-VI to Appendix – IA, Page no.58		<table border="1"> <tr> <td data-bbox="835 1034 1126 1177">Balance value of work at 2015-16/2015 price level</td> </tr> </table>	Balance value of work at 2015-16/2015 price level		<table border="1"> <tr> <td data-bbox="1489 1034 1780 1177">Balance value of work at 2017-18/2017 price level</td> </tr> </table>	Balance value of work at 2017-18/2017 price level										
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17.	2 nd Column of Table of Updation Factor to calculate the Value of 'B' in Annex-VI to Appendix – IA, Page no.58		<table border="1"> <thead> <tr> <th data-bbox="835 1177 1126 1217">F. Y./ Calendar Year</th> </tr> </thead> <tbody> <tr> <td data-bbox="835 1217 1126 1257">2016-17/2016</td> </tr> <tr> <td data-bbox="835 1257 1126 1297">2015-16/2015</td> </tr> <tr> <td data-bbox="835 1297 1126 1337">2014-15/2014</td> </tr> <tr> <td data-bbox="835 1337 1126 1377">2013-14/2013</td> </tr> <tr> <td data-bbox="835 1377 1126 1420">2012-13/2012</td> </tr> </tbody> </table>	F. Y./ Calendar Year	2016-17/2016	2015-16/2015	2014-15/2014	2013-14/2013	2012-13/2012		<table border="1"> <thead> <tr> <th data-bbox="1489 1177 1780 1217">F. Y./ Calendar Year</th> </tr> </thead> <tbody> <tr> <td data-bbox="1489 1217 1780 1257">2017-18/2017</td> </tr> <tr> <td data-bbox="1489 1257 1780 1297">2016-17/2016</td> </tr> <tr> <td data-bbox="1489 1297 1780 1337">2015-16/2015</td> </tr> <tr> <td data-bbox="1489 1337 1780 1377">2014-15/2014</td> </tr> <tr> <td data-bbox="1489 1377 1780 1420">2013-14/2013</td> </tr> </tbody> </table>	F. Y./ Calendar Year	2017-18/2017	2016-17/2016	2015-16/2015	2014-15/2014	2013-14/2013
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Amendment No. 10

Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision	Modified Provision (To be read as)
18.	Clause 1, Appendix II, Bank Guarantee for Bid Security Page no.61	In consideration of you..... an amount of Rs. Rs. 5.38 (Rs Five Crore and Thirty Eight Lakh)Documents.	In consideration of you..... an amount of Rs. 4.71 (Rs Four Crore and Seventy One Lakh only).....Documents.
19.	Clause 3, Appendix II, Bank Guarantee for Bid Security Page no.61	We, the Bank.....not exceeding Rs. Rs. 5.38 (Rs Five Crore and Thirty Eight Lakh).	We, the Bank.....not exceeding Rs. 4.71 (Rs Four Crore and Seventy One Lakh only).
20.	Clause 13, Appendix II, Bank Guarantee for Bid Security Page no.63	For the avoidance..... to Rs. Rs. 5.38 (Rs Five Crore and Thirty Eight Lakh).....Date.)]	For the avoidance..... to Rs. 4.71 (Rs Four Crore and Seventy One Lakh only)Date.)]
21.	Clause 2.11.1 (g), Technical Bid, Page no.25	<p>This Clause is modified as below: Copy of Demand Draft towards cost of Bid document of Rs 50,000.00 in favour of "National Highways & Infrastructure Development Corporation Limited" payable at New Delhi; or copy of receipt of online payment in the account of "National Highways & Infrastructure Development Corporation Limited", Account Number- 90621010002659, Syndicate Bank, Branch Address- Transport Bhawan Branch, New Delhi, India; IFSC Code- SYNB0009062; (For Foreign Bidders Swift Code- SYNBINBB126).</p>	
22.	Clause 2.11.2 (e), Financial Bid, Page no.26	<p>This Clause is modified as below: Original DD for Rs 50,000.00 towards cost of Bid document in favour of National Highways & Infrastructure Development Corporation Limited" payable at New Delhi; or copy of receipt of online payment in the account of "National Highways & Infrastructure Development Corporation Limited", Account Number- 90621010002659, Syndicate Bank, Branch Address- Transport Bhawan Branch, New Delhi, India; IFSC Code- SYNB0009062; (For Foreign Bidders Swift Code- SYNBINBB126).</p>	
23.	Last Two Sentences, Clause 3.2, Page no.33	The source of selling exchange rate shall be Reserve Bank of India. The date for the selling exchange rate shall be 28 days prior to date of bid submission.	For this purpose the rate shall be the Exchange Rate (FBIL reference rate) published by Reserve Bank of India for the relevant date. This rate is available at the website of Financial Benchmarks India Pvt. Ltd. under the tab 'DATA AND METHODOLOGY'=> Data => Benchmark Data => Reference Rate; link: http://www.fbil.org.in/securities?op=referencerate&mq=0 . The relevant date shall be as on the date 28 days prior to date of bid submission.

Amendment No. 10

Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision	Modified Provision (To be read as)
24.	Appendix IA, Annex-II, Last Three Lines Page no. 48	<i>** The conversion rate of USD into Rupees shall be the daily representative exchange rates published by the Reserve Bank of India for the relevant date. Where relevant date should be as on the date 28 (twenty eight) days prior to the Application Due Date.</i>	<i>**The conversion rate of USD into Rupees shall be the Exchange Rate (FBIL reference rate) published by Reserve Bank of India for the relevant date. This rate is available at the website of Financial Benchmarks India Pvt. Ltd. under the tab 'DATA AND METHODOLOGY'=> Data => Benchmark Data => Reference Rate; link: http://www.fbil.org.in/securities?op=referencerate&mq=0. The relevant date shall be as on the date 28 (twenty eight) days prior to date of bid submission.</i>
DCA			
25.	Clause 19.1.6, Article 19 Payments, Page no.75	<p>The modified clause as below:</p> <p>The Contract Price shall be paid in the currency or currencies named in the Schedule-T of this Agreement. The proportions or amounts of the Local and Foreign Currencies, and the fixed rates of exchange[@] to be used for calculating the payments, shall be as stated in Schedule-T, except as otherwise agreed by both Parties. Payments for Change of Scope, Damages by the Authority and any other requirements as per this Agreement shall be made in the applicable currencies and proportions. All deductions under this Agreement, payment of Damages by the Contractor and repayment of Advance by the Contractor shall also be made in the applicable currencies and proportions as per percentage of Net Bid Price as in Schedule-T. Payment in Foreign Currency shall be made by converting the corresponding applicable amount of INR in the respective currency at prevailing Bank Rate at the time of payment. Bank charges at the time of payment and Foreign Currency fluctuation shall be borne by the Contractor.</p> <p>[@]For the avoidance of doubt, payment in foreign currency is explained by example below: Fixed rate of exchange stated in Schedule-T shall be the <i>Exchange Rate (FBIL reference rate) published by Reserve Bank of India for the relevant date</i>. This rate is available at the website of Financial Benchmarks India Pvt. Ltd. under the tab 'DATA AND METHODOLOGY'=> Data => Benchmark Data => Reference Rate; link: http://www.fbil.org.in/securities?op=referencerate&mq=0. The relevant date shall be as on the date 28 (twenty eight) days prior to date of bid submission. For example, if fixed rate of exchange is 1 US\$ = INR 65 and payable amount for any invoice in foreign currency is US\$10; then the equivalent payable amount in INR = 10x65 = Rs 650; Thus, payable amount for that invoice in US\$ will be the equivalent US\$ for Rs 650, as per the prevailing Bank Rate at the time of payment. It is thus clarified that the actual payment in US\$ may be less or more than US\$ 10 based on the actual Bank Rate at the time of payment, however the same shall be considered as the payment of US\$ 10 under the Contract.</p>	
26.	Clause 19.10.4 (d) & (e) Article 19 Payments	AO = The wholesale price index as published by the Ministry of Commerce & Industry, Government of India	AO = The wholesale price index as published by the Ministry of Commerce & Industry, Government of India



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		<p>(hereinafter called "WPI") for construction machinery for the month of the Base Date.</p> <p>AI = The WPI for construction machinery for the month three months prior to the month to which the IPC relates.</p> <p>CO = The WPI for grey cement for the month of the Base Date;</p> <p>CI = The WPI for grey cement for the month three months prior to the month to which the IPC relates;</p> <p>SO = The WPI for steel (re-bars) for the month of the Base Date;</p> <p>SI = The WPI for steel (re-bars) for the month three months prior to the month to which the IPC relates</p>	<p>(hereinafter called "WPI") for Manufacture of machinery for mining, quarrying and construction for the month of the Base Date.</p> <p>AI = The WPI for Manufacture of machinery for mining, quarrying and construction for the month three months prior to the month to which the IPC relates.</p> <p>CO = The WPI for Ordinary Portland cement for the month of the Base Date;</p> <p>CI = The WPI for Ordinary Portland cement for the month three months prior to the month to which the IPC relates;</p> <p>SO = The WPI for Alloy Steel Wire Rods for the month of the Base Date;</p> <p>SI = The WPI for Alloy Steel Wire Rods for the month three months prior to the month to which the IPC relates</p>
Schedules			
27.	Clause 1.2.3 of Schedule B, Page 149 of Schedule.	Chainage mentioned in Column 3 of the Table may please be read as '167+942' in place of '167+040'.	
28.	Clause 7.2.2, Annex-I of Schedule B, Page no. 154-158	The table given in this Clause may be considered as replaced with the table given at Annexure-I of this Amendment. The culverts as shown for Re-construction in the Remarks column in table given at Annexure-I of this Amendment shall be removed and replaced by culvert newly constructed. All existing culverts which are not to be Re-constructed shall be widened upto the roadway width of Project Highway.	
29.	Clause 7.2.4, Annex-I of Schedule B, Page no. 158-161	The culverts given in the table under this Clause may be replaced with those as shown for New in the Remarks column in table for Clause 7.2.2 given at Annexure-I of this Amendment.	
30.	Clause 7.8.3, Annex-I of Schedule B, Page no. 167-168	Gravity Wall (H=1.5m and 2m)	Gravity Wall (H=1.5m and 2m; aggregate length 1340m and 2820m respectively)



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31.	Clause 7.8.3, Annex-I of Schedule B, Page no. 168-169	Gravity Wall (H=3.0m and 4.0m)	Gravity Wall (H=3.0m and 4.0m; aggregate length 3350m and 3450m respectively)																																																																																																																																																																																																																																		
32.	Clause 7.8.3, Annex-I of Schedule B, Page no. 169-171	Gravity Wall (H=5.0m and 6.0m)	Gravity Wall (H=5.0m and 6.0m; aggregate length 2220m and 2560m respectively)																																																																																																																																																																																																																																		
33.	Clause 7.8.3, Annex-I of Schedule B, Page no. 171	Reinforced Earth Retaining Wall (H=7.0m and 8.0m)	Reinforced Earth Retaining Wall (H=7.0m and 8.0m; aggregate length 600m and 280m respectively)																																																																																																																																																																																																																																		
34.	Clause 7.8.3, Annex-I of Schedule B, Page no. 171	Reinforced Earth Retaining Wall (H=9.0m and 10.0m)	Reinforced Earth Retaining Wall (H=9.0m and 10.0m; aggregate length 160m and 160m respectively)																																																																																																																																																																																																																																		
35.	Clause 7.8.3, Annex-I of Schedule B, above Table Turfing (Embankment) Page no. 173.	Reinforced Earth Retaining Wall (H=7.0m and 8.0m)																																																																																																																																																																																																																																			
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Amendment No. 10

Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision						Modified Provision (To be read as)					
		191+240	191+380	1,204	207+660	207+760	526	191+240	191+380	1,204	207+660	207+760	526
		191+420	192+060	3,963	207+860	208+000	982	191+420	192+060	3,963	207+860	208+000	982
		192+100	192+740	5,536				192+100	192+740	5,536			
		Total Area:					219,058	Total Area:					219,058
36.	Clause 7.8.3, Annex-I of Schedule B, Page no. 174 note 2 below Table.	2. Any increase in quantity over and above the tentative quantity as mentioned in above table or through change in specifications will not be considered as change of scope. Therefore, Contractor shall make through investigation at site and assess the requirement of slope protection and slide prone zone and other safety features at his own before submission of bid.						2. Any increase in quantity over and above the tentative quantity as mentioned in above table or through change in specifications will not be considered as change of scope. Therefore, Contractor shall make thorough investigation at site and assess the requirement of slope protection and slide prone zone and other safety features at his own before submission of bid.					
37.	Clause 3 of Schedule C has been modified as per Annexure –II of this Amendment.												
Schedule-D													
38.	Clause 2.2 (b), Annex-I of Schedule D, Page no. 186	Carriageway shall be 7.0m with 1.5m hard shoulder wherever ROW is available. IRC: SP: 73-2015 shall be followed to the extent as required for execution of work in consonance with plan & profile and TCS.						Carriageway Width shall be 7.0 m with 1.5 m paved shoulder on each side'. Plan & profile and TCS and details and drawings provided in the RFP document shall be followed in addition to IRC:SP:73-2015 for execution of work.					
39.	Table under Clause 2.2 (b), S. no. 6, page no. 187	3 rd Column may be read as 'As per Clause 4 given below' instead of 'As per Clause 3 given below'.											
40.	Clause 3, Particular Specifications, Page no. 198.	Clause 3.2.3, a. Design, Material (iii) Tendon, 2nd Para: When steel.....institution (JIS G 3536-2008, JIS G 3109-2008, JIS G 3137-2008).						Clause 3.2.3, a. Design, Material (iii) Tendon, 2nd Para: When steel.....institution (JIS G 3536-2008, JIS G 3109-2008, JIS G 3137-2008 or equivalent thereof).					



Amendment No. 10

Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision	Modified Provision (To be read as)
	Clause 3, Particular Specifications, Page no. 198.	Clause 3.2.3, a. Design, Material (iii) Tendon, 3rd Para: When continuous.....standard of JSCE-E 131-1999 (Japan Society of Civil Engineering).	Clause 3.2.3, a. Design, Material (iii) Tendon, 3rd Para: When continuous.....standard of JSCE-E 131-1999 (Japan Society of Civil Engineering) or equivalent.
	Clause 3, Particular Specifications, Page no. 201.	Clause 3.2.3, a. Design, v) Anchor force, 3rd Para: The tendon allowable....force prescribed by JIS such...prescribed by JIS such....the reduction rate.	Clause 3.2.3, a. Design, v) Anchor force, 3rd Para: The tendon allowable....force prescribed by JIS or equivalent such...prescribed by JIS or equivalent such....the reduction rate.
	Clause 3, Particular Specifications, Page no. 208.	Clause 3.2.3, c. Applicable Design Standard, v) Anchor force, 2nd Para sub para 1st: Ground anchor design and construction standard: JIS 4101-2012 (Japan Society of Civil Engineering)	Clause 3.2.3, c. Applicable Design Standard, v) Anchor force, 2nd Para sub para 1st: Ground anchor design and construction standard: JIS 4101-2012 (Japan Society of Civil Engineering) or equivalent.
41.	Clause 4, Annex-I of Schedule D, Page no. 219, first line.	4. Table for Clause 3	4. Design Standard-Geometric Design Criteria
42.	Clause 3 of Schedule L , Page no. 284.	3. In view of the foregoing, I am satisfied that that Project Highway from km 8.000 to km 65.000 can be safety and reliably placed in service of the users thereof, and in terms of the Agreement, the Project Highway is hereby provisionally declared fit for entry into operation on this the ...day of..... 20	3. In view of the foregoing, I am satisfied that that Project Highway from km 166.000 to km 208.000 can be safety and reliably placed in service of the users thereof, and in terms of the Agreement, the Project Highway is hereby provisionally declared fit for entry into operation on this the ...day of..... 20
43.	Clause 4 and 5 of Schedule O , Page 296	Deleted.	
Schedule- T			
44.	1st Line, Below the Table, Page no 302	The words in 1st line: "The fixed rates of exchange shall be the selling rates 28 days prior to the deadline for submission of bids published by the Reserve Bank of India "	



Amendment No. 10

Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision	Modified Provision (To be read as)
		<p>may please be read as: "The fixed rates of exchange shall be the Exchange Rate (FBIL reference rate) published by Reserve Bank of India for the relevant date. This rate is available at the website of Financial Benchmarks India Pvt. Ltd. under the tab 'DATA AND METHODOLOGY'=> Data => Benchmark Data => Reference Rate; link: http://www.fbil.org.in/securities?op=referencerate&mq=o. The relevant date shall be as on the date 28 days prior to date of bid submission".</p>	
45.	Para 1, Below the Table, Page no 302	Deleted.	
46.	Para 3, Below the Table, Page no 302	Delay damages will be recovered in currencies in proportion which in which contract price is payable.	Delay damages will be recovered in currencies in proportion in which contract price is payable.
47.	Uploaded BOQ	<p>Please NOTE that in the uploaded BOQ for uploading financial proposal for this Package:</p> <p>(i) in the last column showing total amount in words, the currency is shown in INR by default, however, the same shall be considered in the currency mentioned in corresponding row of 2nd column of the table of Price Schedule in the BOQ; and</p> <p>(ii) in the second last row showing total amount in numbers and words, the total is shown by default as the Arithmetical sum of total of 2nd last column and currency as INR; similarly in last row 'Quoted Rate in Words' is erroneously shown only the number quoted in Currency 3 (USD) in INR; However, it is clarified that the Quoted Rate (i.e. the Total Bid Price or the Contract Value) shall be calculated manually after opening of financial proposal by converting the quoted amount of respective currency into equivalent INR as per the Exchange Rate (FBIL reference rate) published by Reserve Bank of India for the relevant date. This rate is available at the website of Financial Benchmarks India Pvt. Ltd. under the tab 'DATA AND METHODOLOGY'=> Data => Benchmark Data => Reference Rate; link: http://www.fbil.org.in/securities?op=referencerate&mq=o. The relevant date shall be as on the date 28 days prior to date of bid submission".</p> <p>For the avoidance of doubt, it is clarified by the example below: If a bidder quotes as 40000 INR and 20000 JPY and 10000 USD, then the uploaded BOQ will be shown as per Annexure-III of this amendment. If the bid due date is, say 16.08.2018, then the relevant date shall be 28 days prior, i.e., 19.07.2018. The Exchange Rate (FBIL reference rate) published by Reserve Bank of India as</p>	



Amendment No. 10

Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision				Modified Provision (To be read as)	
		on 19.07.2018 are 1JPY=0.6101 INR and 1USD=68.8331 INR. Thus the Quoted Rate (i.e. the Total Bid Price or the Contract Value with all taxes including GST) shall be calculated manually as below:					
		NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #
		Sl. No.	Item Description	Quantity	Units	Bid Price in Figure inclusive of all Taxes including GST to be entered by the Bidder	TOTAL AMOUNT With Taxes including GST TOTAL AMOUNT In Words
		1	Currency 1 (INR)	1.000	1.0000	40000.00	40000.00 INR Forty Thousand Only
		2	Currency 2 (JPY)	1.000	0.6101	20000.00	12202.00 INR Twelve Thousand and Two Hundred Two Only
		3	Currency 3 (USD)	1.000	68.8331	10000.00	688331.00 INR Six Lakh Eighty Eight Thousand Three Hundred and Thirty One Only
		Total in Figures					740533.00 INR Seven Lakh Forty Thousand Five Hundred and Thirty Three Only
		Quoted Rate in Words					INR Seven Lakh Forty Thousand Five Hundred and Thirty Three Only

- Note:**
- In this Amendment YEN=JPY**
 - The Cost Estimate is also being uploaded on the website. IT MAY PLEASE BE NOTED that the Cost Estimate including the details therein are **only indicative** and **the bidders have to assess the cost at their own before submitting their bids.**
 - The bidders are also required to upload their company related details on BIMS Portal (www.bims.gov.in) as per the new clause 1.2.10 of Section-I (Introduction) of RFP issued vide Amendment no. 5 dated 26.02.2018.**

37/07/2018
25.07.2018

Clause 7.2.2 of Annex-I of Schedule B**7.2.2 Reconstruction of existing culverts:**

The existing culverts as shown in Table here after shall be removed and replaced by culvert newly constructed.

Sl. No.	Chainage (km)	Type / Opening of Culvert (m)	Remarks
1	166+120	Pipe culvert dia 1.2m	New
2	166+440	Pipe culvert dia 1.2m	New
3	166+625	Pipe culvert dia 1.2m	Re-construction
4	166+820	Pipe culvert dia 1.2m	Re-construction
5	167+000	Pipe culvert dia 1.2m	New
6	167+290	Pipe culvert dia 1.2m	Re-construction
7	167+400	Pipe culvert dia 1.2m	Re-construction
8	167+470	Pipe culvert dia 1.2m	Re-construction
9	167+780	Pipe culvert dia 1.2m	New
10	167+940	Pipe culvert dia 1.2m	Re-construction
Hnatial Bypass Planned Section			
11	175+140	Pipe culvert dia 1.2m	Re-construction
12	175+240	Pipe culvert dia 1.2m	Re-construction
13	175+340	Pipe culvert dia 1.2m	Re-construction
14	175+590	Pipe culvert dia 1.2m	Re-construction
15	175+780	Pipe culvert dia 1.2m	New
16	175+860	Pipe culvert dia 1.2m	Re-construction
17	175+950	Pipe culvert dia 1.2m	Re-construction
18	176+110	Pipe culvert dia 1.2m	Re-construction
19	176+430	Pipe culvert dia 1.2m	Re-construction
20	176+610	Pipe culvert dia 1.2m	New
21	176+870	Pipe culvert dia 1.2m	Re-construction
22	176+960	Pipe culvert dia 1.2m	Re-construction
23	177+100	Pipe culvert dia 1.2m	New
24	177+300	Pipe culvert dia 1.2m	New
25	177+390	Pipe culvert dia 1.2m	Re-construction
26	177+560	Pipe culvert dia 1.2m	New
27	177+630	Pipe culvert dia 1.2m	Re-construction
28	177+770	Pipe culvert dia 1.2m	Re-construction
29	177+980	Pipe culvert dia 1.2m	New
30	178+060	Pipe culvert dia 1.2m	Re-construction
31	178+180	Pipe culvert dia 1.2m	Re-construction

Bhakti Bhanu
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Sl. No.	Chainage (km)	Type / Opening of Culvert (m)	Remarks
32	178+290	Pipe culvert dia 1.2m	New
33	178+490	Pipe culvert dia 1.2m	New
34	178+560	Pipe culvert dia 1.2m	Re-construction
35	178+770	Pipe culvert dia 1.2m	New
36	178+850	Pipe culvert dia 1.2m	Re-construction
37	179+040	Pipe culvert dia 1.2m	Re-construction
38	179+390	Pipe culvert dia 1.2m	New
39	179+490	Pipe culvert dia 1.2m	New
40	179+620	Pipe culvert dia 1.2m	Re-construction
41	179+780	Pipe culvert dia 1.2m	Re-construction
42	179+830	Pipe culvert dia 1.2m	Re-construction
43	180+100	Pipe culvert dia 1.2m	Re-construction
44	180+200	Pipe culvert dia 1.2m	Re-construction
45	180+500	Pipe culvert dia 1.2m	New
46	180+690	Pipe culvert dia 1.2m	Re-construction
47	180+740	Pipe culvert dia 1.2m	New
48	180+890	Pipe culvert dia 1.2m	Re-construction
49	181+060	Pipe culvert dia 1.2m	Re-construction
50	181+150	Pipe culvert dia 1.2m	Re-construction
51	181+370	Pipe culvert dia 1.2m	Re-construction
52	181+420	Pipe culvert dia 1.2m	New
53	181+470	Pipe culvert dia 1.2m	New
54	181+600	Pipe culvert dia 1.2m	New
55	181+650	Pipe culvert dia 1.2m	Re-construction
56	181+870	Pipe culvert dia 1.2m	Re-construction
57	182+000	Pipe culvert dia 1.2m	New
58	182+140	Pipe culvert dia 1.2m	Re-construction
59	182+340	Pipe culvert dia 1.2m	Re-construction
60	182+530	Pipe culvert dia 1.2m	New
61	182+750	Pipe culvert dia 1.2m	New
62	182+850	Pipe culvert dia 1.2m	New
63	183+000	Pipe culvert dia 1.2m	Re-construction
64	183+190	Pipe culvert dia 1.2m	Re-construction
65	183+470	Pipe culvert dia 1.2m	New
66	183+550	Pipe culvert dia 1.2m	New
67	183+620	Pipe culvert dia 1.2m	New
68	183+720	Pipe culvert dia 1.2m	Re-construction
69	183+770	Pipe culvert dia 1.2m	New
70	183+800	Box Culvert 2mx2m	Re-construction

Sl. No.	Chainage (km)	Type / Opening of Culvert (m)	Remarks
71	183+970	Pipe culvert dia 1.2m	Re-construction
72	184+100	Pipe culvert dia 1.2m	Re-construction
73	184+270	Pipe culvert dia 1.2m	Re-construction
74	184+540	Pipe culvert dia 1.2m	New
75	184+720	Pipe culvert dia 1.2m	Re-construction
76	184+930	Pipe culvert dia 1.2m	Re-construction
77	185+120	Pipe culvert dia 1.2m	Re-construction
78	185+280	Box Culvert 2mx2m	Re-construction
79	185+350	Pipe culvert dia 1.2m	Re-construction
80	185+510	Box Culvert 2mx2m	New
81	185+670	Pipe culvert dia 1.2m	Re-construction
82	185+960	Pipe culvert dia 1.2m	Re-construction
83	186+130	Pipe culvert dia 1.2m	New
84	186+310	Pipe culvert dia 1.2m	Re-construction
85	186+420	Pipe culvert dia 1.2m	Re-construction
86	186+650	Pipe culvert dia 1.2m	Re-construction
87	186+720	Pipe culvert dia 1.2m	Re-construction
88	186+790	Pipe culvert dia 1.2m	Re-construction
89	186+850	Pipe culvert dia 1.2m	Re-construction
90	186+990	Pipe culvert dia 1.2m	Re-construction
91	187+050	Pipe culvert dia 1.2m	Re-construction
92	187+270	Pipe culvert dia 1.2m	Re-construction
93	187+370	Pipe culvert dia 1.2m	Re-construction
94	187+520	Pipe culvert dia 1.2m	Re-construction
95	187+700	Pipe culvert dia 1.2m	Re-construction
96	187+910	Pipe culvert dia 1.2m	Re-construction
97	188+020	Pipe culvert dia 1.2m	New
98	188+250	Pipe culvert dia 1.2m	Re-construction
99	188+370	Pipe culvert dia 1.2m	Re-construction
100	188+650	Pipe culvert dia 1.2m	New
101	188+840	Pipe culvert dia 1.2m	New
102	188+950	Pipe culvert dia 1.2m	Re-construction
103	189+090	Pipe culvert dia 1.2m	Re-construction
104	189+120	Pipe culvert dia 1.2m	Re-construction
105	189+260	Pipe culvert dia 1.2m	New
106	189+350	Pipe culvert dia 1.2m	Re-construction
107	189+580	Pipe culvert dia 1.2m	Re-construction
108	189+760	Pipe culvert dia 1.2m	Re-construction
109	189+850	Pipe culvert dia 1.2m	Re-construction



Sl. No.	Chainage (km)	Type / Opening of Culvert (m)	Remarks
110	189+890	Pipe culvert dia 1.2m	New
111	189+950	Pipe culvert dia 1.2m	New
112	190+010	Pipe culvert dia 1.2m	Re-construction
113	190+140	Pipe culvert dia 1.2m	Re-construction
114	190+320	Pipe culvert dia 1.2m	New
115	190+410	Pipe culvert dia 1.2m	Re-construction
116	190+610	Pipe culvert dia 1.2m	Re-construction
117	190+790	Pipe culvert dia 1.2m	Re-construction
118	191+010	Box Culvert 2mx2m	Re-construction
119	191+100	Pipe culvert dia 1.2m	New
120	191+270	Pipe culvert dia 1.2m	Re-construction
121	191+370	Pipe culvert dia 1.2m	Re-construction
122	191+420	Pipe culvert dia 1.2m	New
123	191+500	Pipe culvert dia 1.2m	Re-construction
124	191+730	Box Culvert 2mx2m	New
125	191+850	Pipe culvert dia 1.2m	New
126	192+060	Pipe culvert dia 1.2m	Re-construction
127	192+260	Pipe culvert dia 1.2m	New
128	192+340	Pipe culvert dia 1.2m	Re-construction
129	192+540	Pipe culvert dia 1.2m	New
130	192+630	Pipe culvert dia 1.2m	Re-construction
131	192+870	Box Culvert 2mx2m	New
132	192+980	Pipe culvert dia 1.2m	Re-construction
133	193+020	Pipe culvert dia 1.2m	New
134	193+140	Box Culvert 3mx3m	New
135	193+660	Box Culvert 2mx2m	Re-construction
136	193+850	Pipe culvert dia 1.2m	Re-construction
137	193+930	Pipe culvert dia 1.2m	New
138	194+110	Pipe culvert dia 1.2m	Re-construction
139	194+200	Pipe culvert dia 1.2m	New
140	194+250	Pipe culvert dia 1.2m	New
141	194+310	Pipe culvert dia 1.2m	Re-construction
142	194+410	Pipe culvert dia 1.2m	Re-construction
143	194+490	Pipe culvert dia 1.2m	Re-construction
144	194+700	Pipe culvert dia 1.2m	Re-construction
145	194+890	Pipe culvert dia 1.2m	Re-construction
146	195+130	Pipe culvert dia 1.2m	Re-construction
147	195+290	Pipe culvert dia 1.2m	Re-construction
148	195+410	Pipe culvert dia 1.2m	Re-construction

Sl. No.	Chainage (km)	Type / Opening of Culvert (m)	Remarks
149	195+510	Pipe culvert dia 1.2m	Re-construction
150	195+600	Pipe culvert dia 1.2m	New
151	195+750	Pipe culvert dia 1.2m	Re-construction
152	196+050	Pipe culvert dia 1.2m	Re-construction
153	196+200	Pipe culvert dia 1.2m	Re-construction
154	196+450	Pipe culvert dia 1.2m	Re-construction
155	196+570	Pipe culvert dia 1.2m	Re-construction
156	196+750	Pipe culvert dia 1.2m	Re-construction
157	196+920	Pipe culvert dia 1.2m	New
158	197+150	Box Culvert 3mx3m	New
159	197+350	Box Culvert 3mx3m	Re-construction
160	197+470	Box Culvert 3mx3m	New
161	197+580	Box Culvert 3mx3m	Re-construction
162	197+700	Pipe culvert dia 1.2m	Re-construction
163	197+770	Pipe culvert dia 1.2m	Re-construction
164	197+890	Pipe culvert dia 1.2m	Re-construction
165	197+980	Pipe culvert dia 1.2m	Re-construction
166	198+080	Pipe culvert dia 1.2m	Re-construction
167	198+150	Pipe culvert dia 1.2m	Re-construction
168	198+240	Pipe culvert dia 1.2m	Re-construction
169	198+340	Pipe culvert dia 1.2m	Re-construction
170	198+440	Box culvert 4mx6m	Re-construction
171	198+570	Pipe culvert dia 1.2m	Re-construction
172	198+700	Pipe culvert dia 1.2m	New
173	198+770	Pipe culvert dia 1.2m	New
174	198+870	Pipe culvert dia 1.2m	Re-construction
175	199+040	Pipe culvert dia 1.2m	Re-construction
176	199+180	Pipe culvert dia 1.2m	Re-construction
177	199+380	Pipe culvert dia 1.2m	Re-construction
178	199+520	Pipe culvert dia 1.2m	Re-construction
179	199+800	Pipe culvert dia 1.2m	Re-construction
180	199+950	Pipe culvert dia 1.2m	New
181	200+190	Pipe culvert dia 1.2m	Re-construction
182	200+410	Pipe culvert dia 1.2m	Re-construction
183	200+470	Pipe culvert dia 1.2m	Re-construction
184	200+740	Pipe culvert dia 1.2m	Re-construction
185	200+830	Pipe culvert dia 1.2m	New
186	200+950	Box Culvert 2mx2m	New
187	201+210	Pipe culvert dia 1.2m	Re-construction
188	201+400	Pipe culvert dia 1.2m	Re-construction
189	201+550	Pipe culvert dia 1.2m	Re-construction

Sl. No.	Chainage (km)	Type / Opening of Culvert (m)	Remarks
190	201+600	Pipe culvert dia 1.2m	Re-construction
191	201+670	Pipe culvert dia 1.2m	New
192	201+800	Pipe culvert dia 1.2m	Re-construction
193	201+900	Pipe culvert dia 1.2m	Re-construction
194	202+260	Pipe culvert dia 1.2m	Re-construction
195	202+550	Pipe culvert dia 1.2m	Re-construction
196	202+860	Pipe culvert dia 1.2m	Re-construction
197	203+100	Pipe culvert dia 1.2m	Re-construction
198	203+190	Pipe culvert dia 1.2m	New
199	203+450	Pipe culvert dia 1.2m	Re-construction
200	203+560	Pipe culvert dia 1.2m	New
201	203+730	Pipe culvert dia 1.2m	Re-construction
202	204+010	Pipe culvert dia 1.2m	New
203	204+210	Pipe culvert dia 1.2m	Re-construction
204	204+360	Pipe culvert dia 1.2m	Re-construction
205	204+480	Pipe culvert dia 1.2m	Re-construction
206	204+710	Pipe culvert dia 1.2m	New
207	204+890	Pipe culvert dia 1.2m	Re-construction
208	205+080	Pipe culvert dia 1.2m	Re-construction
209	205+270	Pipe culvert dia 1.2m	Re-construction
210	205+350	Pipe culvert dia 1.2m	New
211	205+610	Pipe culvert dia 1.2m	Re-construction
212	205+850	Pipe culvert dia 1.2m	Re-construction
213	205+950	Pipe culvert dia 1.2m	Re-construction
214	206+050	Pipe culvert dia 1.2m	Re-construction
215	206+210	Pipe culvert dia 1.2m	Re-construction
216	206+450	Box culver 2mx2m	Re-construction
217	206+560	Pipe culvert dia 1.2m	Re-construction
218	206+690	Pipe culvert dia 1.2m	Re-construction
219	206+880	Pipe culvert dia 1.2m	New
220	207+110	Pipe culvert dia 1.2m	Re-construction
221	207+330	Pipe culvert dia 1.2m	Re-construction
222	207+380	Pipe culvert dia 1.2m	Re-construction
223	207+550	Pipe culvert dia 1.2m	Re-construction
224	207+650	Pipe culvert dia 1.2m	Re-construction
225	207+930	Pipe culvert dia 1.2m	Re-construction
226	208+050	Pipe culvert dia 1.2m	Re-construction
227	208+390	Pipe culvert dia 1.2m	New
228	208+610	Pipe culvert dia 1.2m	Re-construction
229	208+770	Pipe culvert dia 1.2m	Re-construction

Clause 3 of Schedule C**3. Facilities for the Authority and the Authority's Engineer**

The facilities to be provided for the Authority and the Authority's Engineer, comprehending the Offices and Accommodation shall be as follows:

Table 1: Facilities for the Authority and the Authority's Engineer to be provided by the Contractors

Section	Package	Offices (Note 1)	Accommodation (Note 2)
			Staff
Phase-1 NH-54 Section 2	S2-4: Package 4	Core Office Type 1 Location: Lunglei	- Team Leader (T/L):..... 1 - Other Key Experts: 7 - Sub-Professional Staff..... 7 - Office Supporting Staff..... 9 - Authority (Central Team)..... 1

Note (1): Site Office: The layout shall be prepared by the Contractor and submitted for review and approval by the Authority's Engineer/ Authority. The locations shown in this table are tentative and shall be confirmed by the Authority's Engineer/ Authority.

Note (2): Accommodation: Depending upon the Authority's Engineer/ Authority's acceptance, rental of existing buildings will be allowed depending the proximity of the works to the nearby cities or towns, and comfortability.

3.1 Site Office for the Authority and the Authority's Engineer**3.1.1 Construction of Site Offices**

- (i) The basic layout of each site office shall be prepared by the Contractor and submitted to the Authority's Engineer for review and respective acceptance.
- (ii) The building shall comply with India's applicable specifications for architectural and structural works for buildings.

a. Basic Layout

The layout shall be prepared in accordance with the number of staff shown in Table-1 to accommodate properly the following (note: the plan area shown below is the minimum requirement to be considered):

(1) Core Office – Office Type 1: (to be located in Lunglei)**- Minimum Area: 450 sqm**

- (i) One office room for Team Leader25 sqm
- (ii) One office room for the Authority's representative25 sqm
- (iii) One office room for Other Key Experts 50 sqm
- (iv) One office room for Sub-Professional Staff 50 sqm

- (v) One Meeting/Conference Room 40 sqm
- (vi) One reception/administration office room 50 sqm
- (vii) One office room for working tables..... 50 sqm
- (viii) A kitchen (Pantry) plan area well equipped with sink, draining board, cupboards, shelving, etc..... 20 sqm
- (ix) Male (3) and Female (1) toilets with shower and wash-hand basin facilities for the sole use of the Authority’s representative, International Experts, National Experts, and administration staff (office manager and secretaries) 4 units
- (x) Male (2) toilets for Sub-Professional and Supporting staff 2 units
- (xi) Corridor for connecting all rooms (approx..60 sqm)2m width
- (xii) Parking for the vehicles used by the Authority’s Engineer and visitor’s vehicles 12 veh.

(2) Site Office – Office Type 2: (to be provided by Package-3 nearby Pangzawl and Package-5 nearby Hrangchalkawn)

b. Basic Requirements

- (i) The Contractor shall, not later than 7 days after the starting date, submit full details of the Design Drawings to the Authority’s Engineer, including floor plans, elevations, construction principles and materials, before commencing the erection of the facilities.
- (ii) The Contractor shall be responsible for raising the ground (if necessary), grading and drainage in the vicinity of the building(s), with suitable access and walkways. The Contractor shall construct a covered hard-standing parking area, for the exclusive use of the Authority’s Engineer and his visitors and respective access road to the parking area. The access road shall be paved and hard enough in order to be transited even during heavy rains. Outside lighting shall be installed around the buildings and the parking area, and appropriate signs shall be erected to indicate the purpose of the facilities.
- (iii) All facilities shall conform to current fabrication standards for the required types. The facilities described above shall represent the minimum requirements. The Contractor shall provide all additional incidentals and necessary items, so that the facilities will be completely adequate and satisfactory in every respect for their intended use. Painting both the exterior and the interior shall be as agreed with the Authority’s Engineer.
- (iv) The building shall be completed with all services connected with clean water supply by water bowser (including elevated water tank and the tower for capacity of 3,000 liters and 2,000 liters for Office Type 1), electricity and sewerage. Each room shall be provided with at least four electrical outlet sockets. All power shall be 220V-



240V, 50Hz except where otherwise agreed by the Authority's Engineer. All rooms shall be illuminated by fluorescent lighting. Each toilet shall be provided with a flushing toilet and warm water hand washing and shower facilities and extractor fans.

- (v) Telephone services (minimum 3 telephone lines and 6 extension lines completed with equipment for the office), including international direct dialing shall be provided. In addition, extra lines shall be provided for facsimile and internet connections. Each office shall be equipped with a telephone connected to the main reception telephone.
- (vi) Offices and meeting rooms shall be air-conditioned. The air-conditioning may be either individual units or a central ducted system and shall be adequate to maintain temperature of not more than 24°C (dry bulb) at a relative humidity of 50% during the hottest season of the year. The noise level of the air-conditioning while working should be sufficiently low to allow normal voice level discussions to take place.
- (vii) Office rooms shall be capable of providing at all times environmental conditions suitable for the operation of specified electronic office equipment.
- (viii) The building shall be weather proof, fire protected, heat-insulated and secured. Windows shall give adequate light and ventilation and be protected with metal mosquito-proof gauze and have security bars and Venetian, or other approved sun blinds. Ceiling height above the floor level shall be at least 2.75 m. All internal walls shall be sound insulated. Floors shall be PVC tile covered. In toilets and other washing areas the floors shall have drains to assist cleaning.

3.1.2 Maintaining and Servicing of the Offices

- (i) The construction of the new office building for the Authority's Engineer shall be completed within 60 days since the date of commencement of the Contract and shall be equipped and maintained by the Contractor to the satisfaction of the Authority's Engineer until 3 months after the issue of a Completion Certificate for the Works or such earlier time as instructed by the Authority's Engineer whereupon the furniture shall be removed and any internal partition walls modified as required by the Authority's Engineer.
- (ii) The Contractor shall provide all laborers, materials and equipment for maintaining and cleaning offices, furniture and fittings. The Contractor shall replace and/or restore, as directed, any facilities or parts thereof that become damaged, worn out, lost or stolen. The Contractor shall provide an adequate stock of all expendable and consumable items including refreshments, clean water supply and drinking water, paper towels, toilet rolls, soaps, washing up liquid, brooms/mops and shall ensure proper and continuing functioning of all components and parts of the facilities during the contract period.



- (iii) The Offices shall be provided with waste disposal material and these shall be emptied and disposed of daily by the Contractor.

3.1.3 Equipment and Expenses for Running-Off the Offices

The Contractor shall provide the following furniture and equipment to be used by the Authority's Engineer at Site.

Furniture and Equipment for Site Offices (each office)

Item	Unit	Quantity	Remarks
Refrigerator (deodorizer and no-frost system)	unit	1	Office Type 1: 300liters' minimum capacity
Water Dispenser (19 liters capacity including bottles and 6 spares bottles/gallon)	set	2	Office Type 1
Electric Kitchen Stove	unit	1	Size and model shall be discussed
Electric Kettle	unit	1	
Diesel Generator Set	unit	1	Office Type 1: 125 KVA

3.2 Accommodation for the Authority and the Authority's Engineer Staff

3.2.1 Temporary Accommodation (initial period)

(1) General

- (i) Immediately after the date for Commencement of Works, during the first 3 months or until the permanent installations are prepared and approved, the Contractor shall provide rented houses as per the accommodation for all staff of the Authority's Engineer.
- (ii) The accommodation shall be equipped with security grilles and mosquito netting, and shall be fully furnished and equipped with new items by the Contractor to the satisfaction of the Authority's Engineer, including curtains, linen, blankets, glassware, cutlery, crockery and kitchen utensils.
- (iii) Each house shall be wired to permit the use of standby generators as well as mains for the supply of electricity. The generators shall be fitted with automatic starting switchgear if so directed by the Engineer. Covered, hard standing areas for positioning generators and storing fuel shall be provided.
- (iv) Each house designated for the Engineer's International Experts and National Experts shall be provided with one telephone line and internet connection. Telephone installation shall be made by the Contractor but the cost of calls shall be paid by the Authority's Engineer staff.
- (v) Each house shall be provided with a TV (including cable and satellite connection). The installation shall be made by the Contractor but the cost of calls shall be paid by the Authority's Engineer staff.

- (vi) Each house shall be provided with hot and cold water in the kitchen and the bathrooms.
- (vii) The Contractor shall provide watchmen for security purposes to the approval of the Authority's Engineer.
- (viii) The accommodation shall be available and ready for occupation within the number of days approved by the Authority's Engineer after the Commencement Date.
- (ix) In the event that the Contractor fails to provide the required accommodation within the time specified or subsequently agreed by the Authority's Engineer, the Contractor shall provide, at no cost to the Employer, suitable hotel accommodation until such time as the accommodation is ready for occupation.
- (x) When a house is no longer required by the Authority's Engineer, all furniture, fittings and equipment provided by the Contractor for that house shall become the property of the Contractor.

(2) Housing Types

(A). House for the Authority near to Core Office (Central Team: 1 per 1 person)

One detached house, internal floor area approximately 100sqm comprising 1 x sitting room, 1 x dining room, 1 x bedroom with attached bathrooms, 1 additional bathroom, 1 x kitchen, 1 x office, 1 x veranda. Split type air-conditioners to the sitting room, dining room and bedrooms. Moreover, a garage for one vehicle and a fully equipped room for servant with attach bathroom shall be provided.

(B). House for the Authority near to Core Office (Site Staff: 1 per 1 person)

One detached house, internal floor area approximately 80sqm comprising 1 x sitting room, 1 x dining room, 1 x bedroom with attached bathrooms, 1 x kitchen. Split type air-conditioners to the sitting room, dining room and bedrooms. Moreover, a garage for one vehicle and a fully equipped room for servant with attach bathroom shall be provided.

(C). Team Leader (Authority's Engineer)

One detached house, internal floor area approximately 100sqm comprising 1 x sitting room, 1 x dining room, 1 x bedrooms, 1 x bathrooms, 1 x kitchen, 1 x office, 1 x veranda. Split type air-conditioners to the sitting room, dining room and bedrooms. Moreover, a garage for one vehicle and a fully equipped room for servant with attach bathroom shall be provided.

(D). Other Key Experts-two nos. detached houses (1 per 3 expert)

Each detached house, internal floor area approximately 100sqm comprising 1 x sitting room, 1 x dining room, 3 x bedroom with attached bathrooms, 1 x kitchen. Split type air-conditioners to the sitting room, dining room and bedrooms. Moreover, a fully equipped room with attach bathroom for servant shall be provided with each detached house.



(E). Sub-Professional Staff (1 per 7 persons)

One detached house, internal floor area approximately 130sqm comprising 1 x sitting room, 1 x dining room, 7 x bedroom, 2 x bathroom, 1 x kitchen. Split type air-conditioners to the sitting room, dining room and bedrooms. Moreover, a fully equipped room with attach bathroom for servant shall be provided.

(F). Office Supporting Staff (1 per 4 persons)

One detached house, internal floor area approximately 80sqm comprising 1 x sitting room, 1 x dining room, 4 x bedroom, 1 x bathroom, 1 x kitchen. Split type air-conditioners to the sitting room, dining room and bedrooms. Moreover, a fully equipped room with attach bathroom for servant shall be provided.

(G). Secretary or Ladies Staff (1 per 3 persons)

One detached house, internal floor area approximately 80sqm comprising 1 x sitting room, 1 x dining room, 3 x bedroom, 1 x bathroom, 1 x kitchen. Split type air-conditioners to the sitting room, dining room and bedrooms. Moreover, a fully equipped room with attach bathroom for servant shall be provided.

Note: (1) Area for each servant room with attach bathroom aggregate (approx. 15 sqm) shall be in addition to area mentioned above.

Note: (2) During Defect Liability Period the requirement shall be reduced upto (A), (C), (E) and (G) only, which may be utilized by the Authority/ Authority's Engineer as per need.

(3) Maintenance

- (i) The Contractor shall be responsible for supplying all utilities, including electricity (whether by mains or generator), water, timber for open fires, drainage and telephone services, and shall meet the cost of these services, except the cost of telephone calls.
- (ii) The Contractor shall maintain the accommodation, and all furniture, fittings and equipment, whether supplied by him or not, in good repair and to the satisfaction of the Authority's Engineer as long as such accommodation is occupied by the staff of the Authority's Engineer for the purposes of the Contract.

3.2.2 Construction of Houses for Accommodation (after lasted the initial period)

- (i) The procedures and standards for construction approved for the construction of the Site Offices will be applied for the construction of houses for accommodation of the staff of the Authority's Engineer.
- (ii) The layout and design of the houses shall maintain equivalency with the houses approved for the Initial Period.
- (iii) The location and house type shall be submitted for review and approval to Authority's Engineer.



- (iv) The Initial Period will be defined and proposed by the Contractor based on the approved Construction Programme but not later than 3 months or the period accepted by the Authority's Engineer.

Erasmus
25.07.2018

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Item Rate BoQ

Tender Inviting Authority: MD,NHIDCL

Name of Work: WIDENING AND UPGRADATION TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS FROM KM 166.000 TO KM 208.000 ON AIZAWL-TUIPANG SECTION OF NH-54 IN THE STATE OF MIZORAM EPC BASIS WITH JICA LOAN ASSISTANCE (PKG.-4)

Contract No: NHIDCL/ NH-54-Miz-2017-18-158/Package-4

Bidder Name :						
PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Bid Price in Figure inclusive of all Taxes including GST to be entered by the Bidder	TOTAL AMOUNT WithTaxes including GST	TOTAL AMOUNT In Words
1	Currency 1 (INR)	1.000	Lumpsum	40000.00	40000.00	INR Forty Thousand Only
2	Currency 2 (JPY)	1.000	Lumpsum	20000.00	20000.00	INR Twenty Thousand Only
3	Currency 3 (USD)	1.000	Lumpsum	10000.00	10000.00	INR Ten Thousand Only
Total in Figures					70000.00	INR Seventy Thousand Only
Quoted Rate in Words		INR Ten Thousand Only				

3721003 EN
25.07.2018