

**National Highways & Infrastructure Development Corporation Limited**

**PROJECT NAME:** WIDENING AND UPGRADATION TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS FROM KM 65.000 TO KM 125.000 (PACKAGE-2) 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-2

**Tender Id:** 2017\_NHIDC\_282985\_1

**Amendment No. 9**

Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision	Modified Provision (To be read as)																																				
<b>RFP</b>																																							
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 469.23 Crore (Rs Four Hundred Sixty Nine and Twenty Three Lakh). The Cost Estimate is also being uploaded on the website. <b>IT MAY PLEASE BE NOTED</b> that the Cost Estimate including the details therein are <b>only indicative and the bidders have to assess the cost at their own before submitting their bids.</b>																																					
2.	Clause 1.2.4 of Section-I, Introduction, Page no.9	A bidder..... BID Security of Rs 6.43 Crore (the " <b>BID Security</b> ").....BID Security.	A bidder..... BID Security of Rs 4.69 Crore (the " <b>BID Security</b> ").....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>24.01.2018</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> <tr> <td>11</td><td>Opening of Financial BID</td><td>21.08.2018</td><td>10.09.2018</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	24.01.2018	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	11	Opening of Financial BID	21.08.2018	10.09.2018	
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*(Signature)*  
25.07.2018

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Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision		Modified Provision (To be read as)	
		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 6.43 Crore (Rs Six Crore and Forty Three Lakh only).....New Delhi.		The Bidder shall deposit a BID Security of Rs 4.69 Crore (Rs Four Crore and Sixty Nine 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 642.96 Crore (Rs Six Hundred Forty Two Crore and Ninety Six Lakh)..... Appendix-IA:		Bidders who inter alia..... more than Rs 469.23 Crore (Rs Four Hundred Sixty Nine Crore and Twenty Three 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 Projects or Concessionaire / Authorised Signatory of SPV in</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 has been declared</u> 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 has been declared</u> 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 Projects or Concessionaire /</p>	



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Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision	Modified Provision (To be read as)																								
		<p>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><tr><td>Year</td><td>Year-1</td><td>Year-2</td><td>Year-3</td><td>Year-4</td><td>Year-5</td></tr><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></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>Authorised Signatory of SPV in respect of BOT Projects and verified by Statutory Auditor. The factors for <u>Updation of the value of Civil Engineering Works to the price level of the year</u> are indicated as under:</p> <table><tr><td>Year</td><td>Year-1</td><td>Year-2</td><td>Year-3</td><td>Year-4</td><td>Year-5</td></tr><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></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 1285.92 Crore (Rs. One Thousand Two Hundred Eighty Five Crore and Ninety Two Lakhs) (the “ <b>Threshold Technical Capacity</b> ”).	For demonstrating technical capacity.....more than Rs 703.85 Crore (Rs. Seven Hundred Three Crore and Eighty Five Lakh) (the “ <b>Threshold Technical Capacity</b> ”).																								
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 160.74 Crore (Rs. One Hundred Sixty Crore and Seventy Four Lakh).....or more than Rs 160.74 Crore (Rs. One Hundred Sixty Crore and Seventy Four Lakh).	Provided that at least one similar work of Rs 117.31 Crore (Rs. One Hundred Seventeen Crore and Thirty One Lakh).....or more than Rs 117.31 Crore (Rs. One Hundred Seventeen Crore and Thirty One 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 “ <b>Financial Capacity</b> ”) of Rs 32.15 Crore (Rs Thirty Two Crore and Fifteen Lakh) at the close of the preceding financial year.	The Bidder shall have a minimum Net Worth the “ <b>Financial Capacity</b> ”) of Rs 23.46 Crore (Rs Twenty Three Crore and Forty Six 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.17	The Bidder shall have a minimum Average Annual Turnover (updated to the price level of the year indicated in table below) of Rs 128.59 Crore (Rs One Hundred Twenty Eight Crore and Fifty Nine 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 93.85 Crore (Rs Ninety Three Crore and Eighty Five Lakh) for the last 5 (five) financial years.																								
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 64.29 Crore (Rs Sixty Four Crore and Twenty Nine Lakh)..... hereunder.	For a project to qualify..... amount less than Rs 46.92 Crore (Rs Forty Six Crore and Ninety Two Lakh)..... hereunder.																								



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12.	Clause 2.11.1 (f) Technical Bid of Section-II, Instructions to Bidders, Page no.25	BID Security of Rs. 6.43 (Rs Six Crore and Forty Three Lakh) in the form of Bank Guarantee in the format at Appendix-II from a Scheduled Bank;		BID Security of Rs. 4.69 (Rs Four Crore and Sixty Nine 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. 6.43 (Rs Six Crore and Forty Three Lakh) in the form of Original Bank Guarantee in the format at Appendix-II from a Scheduled Bank;		BID Security of Rs. 4.69 (Rs Four Crore and Sixty Nine 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. 6.43 (Rs Six Crore and Forty Three Lakh) to the Authority in accordance with the RFP Document.		I/ We offer a BID Security of Rs. 4.69 (Rs Four Crore and Sixty Nine Lakh) to the Authority in accordance with the RFP Document.													
15.	2 <sup>nd</sup> Column of Table to calculate the Value of 'A' in Annex-VI to Appendix – IA, Page no.55		<table><tr><th>Year</th></tr><tr><td>2016-17/2016</td></tr><tr><td>2015-16/2015</td></tr><tr><td>2014-15/2014</td></tr><tr><td>2013-14/2013</td></tr><tr><td>2012-13/2012</td></tr></table>	Year	2016-17/2016	2015-16/2015	2014-15/2014	2013-14/2013	2012-13/2012		<table><tr><th>Year</th></tr><tr><td>2017-18/2017</td></tr><tr><td>2016-17/2016</td></tr><tr><td>2015-16/2015</td></tr><tr><td>2014-15/2014</td></tr><tr><td>2013-14/2013</td></tr></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.56		<table><tr><td>Balance value of work at 2015-16/2015 price level</td></tr></table>	Balance value of work at 2015-16/2015 price level		<table><tr><td>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 <sup>nd</sup> Column of Table of Updation Factor to calculate the Value of 'B' in Annex-VI to Appendix – IA, Page no.56		F.Y./ Calendar Year			F.Y./ Calendar Year	
			2016-17/2016			2017-18/2017	
			2015-16/2015			2016-17/2016	
			2014-15/2014			2015-16/2015	
			2013-14/2013			2014-15/2014	
			2012-13/2012			2013-14/2013	
18.	Clause 1, Appendix II, Bank Guarantee for Bid Security Page no.60	In consideration of you..... an amount of Rs. 6.43 (Rs Six Crore and Forty Three Lakh) .....Documents.			In consideration of you..... an amount of Rs. 4.69 (Rs Four Crore and Sixty Nine Lakh only).....Documents.		
19.	Clause 3, Appendix II, Bank Guarantee for Bid Security Page no.60	We, the Bank.....not exceeding Rs. 6.43 (Rs Six Crore and Forty Three Lakh only).			We, the Bank.....not exceeding Rs. 4.69 (Rs Four Crore and Sixty Nine Lakh only).		
20.	Clause 13, Appendix II, Bank Guarantee for Bid Security Page no.62	For the avoidance..... to Rs. 6.43 (Rs Six Crore and Forty Three Lakh).....Date.))			For the avoidance..... to Rs. 4.69 (Rs Four Crore and Sixty Nine Lakh only) .....Date.)		
21.	Clause 2.11.1 (g),Technical Bid, Page no.25	<b>This Clause is modified as below:</b> 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).					
22.	Clause 2.11.2 (e),Financial Bid, Page no.26	<b>This Clause is modified as below:</b> 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).					
23.	Last two sentences of 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		



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Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision	Modified Provision (To be read as)
			Benchmarks India Pvt. Ltd. under the tab 'DATA AND METHODOLOGY'=> Data => Benchmark Data => Reference Rate; link: <a href="http://www.fbil.org.in/securities?op=referencerate&amp;mq=o">http://www.fbil.org.in/securities?op=referencerate&amp;mq=o</a> . The relevant date shall be as on the date 28 days prior to date of bid submission.
24.	Appendix IA, Annex-II, Last Three Lines Page no. 47	<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'=&gt; Data =&gt; Benchmark Data =&gt; Reference Rate; link: <a href="http://www.fbil.org.in/securities?op=referencerate&amp;mq=o">http://www.fbil.org.in/securities?op=referencerate&amp;mq=o</a>. The relevant date shall be as on the date 28 (twenty eight) days prior to date of bid submission.</i>
<b>DCA</b>			
25.	Clause 19.1.6, Article 19 Payments, Page no.77	<p><b>This Clause is modified as below:</b></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<sup>@</sup> 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><sup>@</sup>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'=&gt; Data =&gt; Benchmark Data =&gt; Reference Rate; link: <a href="http://www.fbil.org.in/securities?op=referencerate&amp;mq=o">http://www.fbil.org.in/securities?op=referencerate&amp;mq=o</a>. The relevant date shall be as on the date 28 (twenty eight) days prior to date of bid submission.</p>	



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Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision	Modified Provision (To be read as)
		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.	
26.	Clause 19.10.4 (d) and (e) Article 19 Payments.	<p>AO = The wholesale price index as published by the Ministry of Commerce &amp; Industry, Government of India (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>AO = The wholesale price index as published by the Ministry of Commerce &amp; Industry, Government of India (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>
<b>Schedule-B</b>			
27.	Clause 2.2, Annex-I of Schedule B, Page no. 154-160	This Clause is modified as below: The design speed shall be Ruling 100 km per hr & Minimum 80 km per hr for Plain and Rolling terrain, and Ruling 40 km per hr & Minimum 30 km per hr for the mountainous and steep terrain, wherever applicable.	
28.	Clause 7.2.2, Annex-I of Schedule B, Page no. 154-160	The table given in this Clause may be considered as DELETED. The culverts as shown for Re-construction in the Remarks column in Table in Clause 7.2.4 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. The culverts as shown for New in the Remarks column in table in Clause 7.2.4 shall be in addition to the existing culverts.	





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Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision	Modified Provision (To be read as)
29.	Clause 7.8.3, Annex-I of Schedule B, Page no. 172-173	Gravity Wall (H=1.5m and 2m)	Gravity Wall (H=1.5m and 2m; aggregate length 1400m and 2840m respectively)
30.	Clause 7.8.3, Annex-I of Schedule B, Page no. 174	Gravity Wall (H=3.0m and 4.0m)	Gravity Wall (H=3.0m and 4.0m; aggregate length 4970m and 3440m respectively)
31.	Clause 7.8.3, Annex-I of Schedule B, Page no. 175-176	Gravity Wall (H=5.0m and 6.0m)	Gravity Wall (H=5.0m and 6.0m; aggregate length 2900m and 2280m respectively)
32.	Clause 7.8.3, Annex-I of Schedule B, Page no. 176	Reinforced Earth Retaining Wall (H=7.0m and 8.0m)	Reinforced Earth Retaining Wall (H=7.0m and 8.0m; aggregate length 780m and 260m respectively)
33.	Clause 7.8.3, Annex-I of Schedule B, Page no. 176-177	Reinforced Earth Retaining Wall (H=9.0m and 10.0m)	Reinforced Earth Retaining Wall (H=9.0m and 10.0m; aggregate length 180m and 380m respectively)
34.	Clause 7.8.3, Annex-I of <b>Schedule B</b> , Page no. 179 note 1 below Table.	1. The above quantities are minimum indicative and may increase as per requirement of site and no change of scope shall be considered on this account. The exact locations for these slope stabilization measures shall be finalised in consultation with Authority's Engineer/ Authority.	<p>1. The Contractor shall be responsible for accurate assessment of the actual requirement as per site situation and prepare design for slope protection and stabilization as per specification and standards stipulated in Schedule-D and submit the same to the Authority's Engineer/ Authority for review through the Proof Consultant and implement it accordingly thereafter.</p> <p>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.</p> <p>Note 2 (existing) may be read as Note 3.</p>



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Schedule-C																								
35.	Clause 2 (f) (i), View Point, Page No.182	<p><b>Clause 2 (f), (i), view Point replaced with the following:</b></p> <p>The Contractor shall construct minimum 2 nos. of View Points along the project highway. Tentative locations for View Points are indicated below, however, the same shall be finalized as per suitability of location and site requirement in consultation with the Authority's Engineer/ Authority:</p> <table><tr><th>S. No.</th><th>Existing Chainage (km)</th><th>Design Chainage (km)</th><th>Location</th><th>Side</th><th>Number of Buses at stop</th><th>Length (m)</th></tr><tr><td>1</td><td>84+214</td><td>79+026</td><td>Chhingchhip</td><td>LHS</td><td>3</td><td>29.00</td></tr><tr><td>2</td><td>117+478</td><td>110+926</td><td>Keitum</td><td>RHS</td><td>3</td><td>29.00</td></tr></table>		S. No.	Existing Chainage (km)	Design Chainage (km)	Location	Side	Number of Buses at stop	Length (m)	1	84+214	79+026	Chhingchhip	LHS	3	29.00	2	117+478	110+926	Keitum	RHS	3	29.00
S. No.	Existing Chainage (km)	Design Chainage (km)	Location	Side	Number of Buses at stop	Length (m)																		
1	84+214	79+026	Chhingchhip	LHS	3	29.00																		
2	117+478	110+926	Keitum	RHS	3	29.00																		
36.	Clause 3 of Schedule C has been modified as per <b>Annexure –I</b> of this Amendment.																							
Schedule-D																								
37.	Clause 2.2 (b), Annex-I of Schedule D, Page no. 190	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.																					
38.	Table under Clause 2.2 (b), S. no. 7 Design Standard page no. 191	3 <sup>rd</sup> Column may be read as 'As per Clause 4 given below' instead of 'As per Clause 3 given below'.																						
39.	Clause 3, Particular Specifications, Page no. 200.	<b>Clause 3.2.3, a. Design, Material (iii) Tendon, 2<sup>nd</sup> Para:</b> When steel.....institution (JIS G 3536-2008, JIS G 3109-2008, JIS G 3137-2008).	<b>Clause 3.2.3, a. Design, Material (iii) Tendon, 2<sup>nd</sup> Para:</b> When steel.....institution (JIS G 3536-2008, JIS G 3109-2008, JIS G 3137-2008 or equivalent thereof).																					

*32*

### Amendment No. 9

Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision	Modified Provision (To be read as)
	Clause 3, Particular Specifications, Page no. 200-201.	<b>Clause 3.2.3, a. Design, Material (iii) Tendon, 3rd Para:</b> When continuous.....standard of JSCE-E 131-1999 (Japan Society of Civil Engineering).	<b>Clause 3.2.3, a. Design, Material (iii) Tendon, 3rd Para:</b> When continuous.....standard of JSCE-E 131-1999 (Japan Society of Civil Engineering) or equivalent.
	Clause 3, Particular Specifications, Page no. 203	<b>Clause 3.2.3, a. Design, v) Anchor force, 3rd Para:</b> The tendon allowable....force prescribed by JIS such...prescribed by JIS such....the reduction rate.	<b>Clause 3.2.3, a. Design, v) Anchor force, 3rd Para:</b> 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. 210.	<b>Clause 3.2.3, c. Applicable Design Standard, v) Anchor force, 2nd Para sub para 1st:</b>  Ground anchor design and construction standard: JIS 4101-2012 (Japan Society of Civil Engineering)	<b>Clause 3.2.3, c. Applicable Design Standard, v) Anchor force, 2nd Para sub para 1st:</b>  Ground anchor design and construction standard: JIS 4101-2012 (Japan Society of Civil Engineering) or equivalent.
40.	Clause 4, Annex-I of Schedule D, Page no. 220, first line.	3. Table for Clause 3	4. Design Standard-Geometric Design Criteria
41.	Clause/ Sub-Clause no., Annex-I of Schedule D,	4. Environment Management Plan 4.1 Overview 4.1.1 Pre-construction Stage 4.1.2 Construction Stage 4.1.3 Operation Stage 4.2 Environment Management Plan for Mitigation of Negative Impact 4.3 Environment Monitoring Plan	5. Environment Management Plan 5.1 Overview 5.1.1. Pre-construction Stage 5.1.2. Construction Stage 5.1.3. Operation Stage 5.2. Environment Management Plan for Mitigation of Negative Impacts 5.3. Environment Monitoring Plan
<b>Schedule-T</b>			
42.	1st Line, Below the Table, Page no 298	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 <b>Reserve Bank of India</b> " 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	



### Amendment No. 9

Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision	Modified Provision (To be read as)
		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: <a href="http://www.fbil.org.in/securities?op=referencerate&amp;mq=o">http://www.fbil.org.in/securities?op=referencerate&amp;mq=o</a> . The relevant date shall be as on the date 28 days prior to date of bid submission".	
43.	Para 1, Below the Table, Page no 298	<b>Deleted.</b>	
44.	Para 3, Below the Table, Page no 298	Delay damages will be recovered in currencies in proportion in which contract price is payable.	Delay damages will be recovered in currencies in proportion in which contract price is payable.
45.	Uploaded BOQ	<p><b>Please NOTE that in the uploaded BOQ for uploading financial proposal for this Package:</b></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 2<sup>nd</sup> 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 2<sup>nd</sup> 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'=&gt; Data =&gt; Benchmark Data =&gt; Reference Rate; link: <a href="http://www.fbil.org.in/securities?op=referencerate&amp;mq=o">http://www.fbil.org.in/securities?op=referencerate&amp;mq=o</a>. 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 <b>Annexure-II</b> 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 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:</p>	



### Amendment No. 9

Sr. No.	Reference section/clause no./ Annexure/items	Existing Provision					Modified Provision (To be read as)	
		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 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: 1. In this Amendment YEN=JPY**

2. 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.
3. 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. 4 dated 26.02.2018.

*(Signature)*  
25.07.2018

**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 Site 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 1	S1-2: Package 2	Site Office Type 2  Location: Serchhip	<ul style="list-style-type: none"> <li>- Other Key Experts.....2</li> <li>- Sub-Professional Staff .....7</li> <li>- Office Supporting Staff.....4</li> <li>- Authority (Site Staff) .....1</li> </ul>

**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**

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.

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 provided by Package-1 in Aizawl)

(2) Site Office – Office Type 2: (to be located nearby Serchhip)

- Minimum Area: 270 sqm

- (i) One office room for Resident Engineer..... 20 sqm
- (ii) One office room for the Authority's representative ..... 25 sqm
- (iii) One office room for experts visiting the Site or meetings for coordination ..... 30 sqm
- (iv) One office room for National Experts ..... 40 sqm
- (v) One office room for Sub-Professional Staff ..... 60 sqm
- (vi) One reception/administration office room..... 40 sqm

*3.1.1.1*  
25.07.2018

- (vii) A kitchen (Pantry) plan area well equipped with sink, draining board, cupboards, shelving, etc. .... 12 sqm
- (viii) Male (1) 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 secretary) ..... 2 units
- (ix) Male (2) toilets for Sub-Professional and Supporting staff.... 2 units
- (x) Corridor for connecting all rooms (approx. 20 sqm)..... 1.50 m width
- (xi) Parking for the vehicles used by the Authority's Engineer and visitor's vehicles ..... 6 veh.

**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 2,000 liters for Office Type 2), 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 1 telephone lines and 3 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.

**Table: Furniture and Equipment for Site Offices (each office)**

Item	Unit	Quantity	Remarks
Refrigerator (deodorizer and no-frost system)	unit	1	Office Type 2: 150liters' minimum capacity
Water Dispenser (19 liters capacity including bottles and 6 spares bottles/gallon)	set	1	Office Type 2
Electric Kitchen Stove	unit	1	Size and model shall be discussed
Electric Kettle	unit	1	
Diesel Generator Set		1	Office Type 2: 60 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.

#### 3.2.1 (2) Housing Types

- (A) House for the Authority near to Core Office (Central Team: 1 per 1 person) to be provided by Package-1 nearby Aizawl.
- (B) Team Leader (Authority's Engineer) to be provided by Package-1 nearby Aizawl.
- (C) Other Key Expert (1 per 3 experts) to be provided by Package-1 nearby Aizawl.
- (D) **Authority/ Other Key Experts- (1 per 3 experts)**

One 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 for servant with attach bathroom shall be provided.

**(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 for servant with attach bathroom 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 for servant with attach bathroom 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 for servant with attach bathroom 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 (D), (F) 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.





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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 65.000 TO KM 125.000 ON AIZAWL-TUIPANG SECTION OF NH-54 IN THE STATE OF MIZORAM EPC BASIS WITH JICA LOAN ASSISTANCE (PKG.-2)

Contract No: NHIDCL/ NH-54-Miz-2017-18-158/Package-2

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		

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25.07.2018