

National Highways & Infrastructure Development Corporation Limited

Project Name: Up-gradation to 2 lane with paved shoulders of Khawkawn (from Bridge across River Tuivai) - Ngopa section of NH-102B of Aizawl - Imphal Economic Corridor from Existing Chainage km 0.000 to km 32.796 [Design Chainage km 0.000 to km 31.280] (Package-I) in the State of Mizoram under Bharatmala Pariyojna on EPC mode.

Contract Package No.: NHIDCL/Mizoram/NH-102B/Package-I/2021-22

Tender Id: 2020_NHIDC_635152_1

Amendment No. 3

Sl. No.	Reference/clause no./ Annexure	Existing Provision	Modified Provision (To be read as)																				
1.	Footnote of Annexure-IV of Appendix-IA of RFP, Page no. 69	In case of unauthorized sub-contractor proof of authorize sub-contracting has to be submitted	Deleted																				
2.	Notice Inviting Bid, Page no. 4 & 5	The complete BID document can be viewed / downloaded from official portal of the CPPP website https://eprocure.gov.in/eprocure/app from 22/06/2021 to 05/08/2021 (upto 1100 hrs IST) . Bidder must submit its Financial bid and Technical Bid at https://eprocure.gov.in/eprocure/app on or before 05/08/2021 (up to 1100 hrs IST) . Bids received online shall be opened on 06/08/2021 (at 1130 hrs IST) .	The complete BID document can be viewed / downloaded from official portal of the CPPP website https://eprocure.gov.in/eprocure/app from 22/06/2021 to 12/08/2021 (upto 1100 hrs IST) . Bidder must submit its Financial bid and Technical Bid at https://eprocure.gov.in/eprocure/app on or before 12/08/2021 (up to 1100 hrs IST) . Bids received online shall be opened on 13/08/2021 (at 1130 hrs IST) .																				
3.	Data Sheet, Section-7, Page no. 49	<table><tr><th>Sl. No.</th><th>Event Description</th><th>Existing Date</th><th>Modified Date</th></tr><tr><td>5.</td><td>Last date of Request for BID Document</td><td>[05.08.2021 up to 11:00 hrs]</td><td>[12.08.2021 up to 11:00 hrs]</td></tr><tr><td>6.</td><td>BID Due Date</td><td>[05.08.2021 up to 11:00 hrs]</td><td>[12.08.2021 up to 11:00 hrs]</td></tr><tr><td>7.</td><td>Physical Submission of Bid Securing Declaration/POA etc</td><td>[Upto 11:00 hrs IST on BID Opening Date]</td><td>[Upto 11:00 hrs IST on BID Opening Date]</td></tr><tr><td>8.</td><td>Opening of Technical BIDs at venue 2.11.4 (i)</td><td>[06.08.2021 at 11:30 hrs]</td><td>[13.08.2021 at 11:30 hrs]</td></tr></table>		Sl. No.	Event Description	Existing Date	Modified Date	5.	Last date of Request for BID Document	[05.08.2021 up to 11:00 hrs]	[12.08.2021 up to 11:00 hrs]	6.	BID Due Date	[05.08.2021 up to 11:00 hrs]	[12.08.2021 up to 11:00 hrs]	7.	Physical Submission of Bid Securing Declaration/POA etc	[Upto 11:00 hrs IST on BID Opening Date]	[Upto 11:00 hrs IST on BID Opening Date]	8.	Opening of Technical BIDs at venue 2.11.4 (i)	[06.08.2021 at 11:30 hrs]	[13.08.2021 at 11:30 hrs]
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4.	Schedule-H of Technical Schedules, Pg no. 105	Modified Schedule-H is enclosed as Annexure-I .																					


(R. S. Puri)

General Manager (Technical)

Schedule - H

(See Clauses 10.1 (iv) and 19.3)

Contract Price Weightages

1.1 The Contract Price for this Agreement is Rs. ****

1.2 Proportions of the Contract Price for different stages of Construction of the Project Highway shall be as specified below:

Item	Weightage in % of CP	Stage for Payment	Percentage
1	2	3	4
Road Works including Culverts, widening and repair of culverts	70.00	A- Widening and strengthening of existing road	[Nil]
		B.1-Reconstruction/New 2-Lane Realignment /Bypass (Flexible Pavement)	
		(1) Earthwork up to top of the sub- grade	30.00
		(2) Sub-base Course	16.00
		(3) Non bituminous Base course	10.50
		(4) Bituminous Basecourse	9.00
		(5) Wearing Coat	15.00
		B.2-Reconstruction/New 8-Lane Realignment/ Bypass (Rigid Pavement)	[Nil]
		C.1-Reconstruction/ New Service Road (Flexible Pavement)	[Nil]
		C.2- Reconstruction/New Service road (Rigid Pavement)	[Nil]
Other Works	29.20	D- Reconstruction & New Culverts on existing road, realignments, bypasses Culverts (length <6m)	19.50
		(i) Toll Plaza	[Nil]
		(ii) Road side drains	20.00
		(iii) Road signs, markings, km stones, safety devices etc	6.00
		(iv) Project facilities	[Nil]
		(v) Road side Plantation	[Nil]
		(vi) Repair of Protection Works other than approaches to the bridges, elevated sections/flyover/grade separators and ROB/ RUBs	[Nil]
		(vii) Safety & Traffic Management during const.	[Nil]
		(viii) Breast Wall	14.00
		(ix) Toe Wall	[Nil]
		(x) Retaining Wall	21.00
		(xi) Crash Barrier	9.00
		(xi) Gabion Breast wall	13.00
		(xii) Hydro-seeding	6.00
		(xiii) Seeding and Mulching with Jute Net	4.00
		(xiv) Seeding and Mulching with Coir Net	4.00



Item	Weightage in % of CP	Stage for Payment	Percentage
Electrical Utilities and Public Heath Utilities (Water and pipe lines and sewage lines)	0.80	(xv) Balance Slope Protection work	3.00
		(xvi) Site Clearance & Dismantling	[Nil]
		(xvii) Junction Improvement	[Nil]
		(i) Shifting and Re-Alignment of LT Lines.	8.98
		(ii) Shifting and Re-Alignment of 11KV Lines	9.71
		(iii) Shifting of 3Nos of Distribution Transformer (2X25 kVA and 1X100 kVA)	2.95
		(iv) Installation of Gravity Main	4.69
		(v) Installation of Feeding Main	18.38
		(vi) Installation of Village water Pipe line- Khawkawn & NE Khawdungsei Village	8.22
		(vii) Construction of 2 number service reservoir	43.45
		(viii) Installation of Private House Connections damaged by widening	2.69
		(ix) Installation of T/Cluster	0.93

1.3 Procedure of estimating the value of work done

1.3.1 Road works

Procedure for estimating the value of road work done shall be as follows:

Table 1.3.1

Stage of Payment	Percentage weightage	Payment Procedure
A- Widening & Strengthening of road	[Nil]	
B.1- Reconstruction/New 2-Lane Realignment/Bypass(Flexible Pavement)		Unit of measurement is linear length. Payment shall be made on pro-rata basis on completion of a stage in a length of not less than 5% (five percent) of the total length.
(1) Earthwork up to top of the sub-grade	30.00	
(2) Sub-base Course	16.00	
(3) Non bituminous Base course	10.50	
(4) Bituminous Base course	9.00	
(5) Wearing Coat	15.00	
B.2- Reconstruction/New 8-Lane Realignment/Bypass (Rigid Pavement)	[Nil]	
C.1- Reconstruction/New Service Road/ Slip Road (Flexible Pavement)	[Nil]	
C.2- Reconstruction/New Service Road (Rigid Pavement)	[Nil]	
D-Reconstruction & New Culverts on existing road, realignments, bypasses		Cost of each culvert shall be determined on pro-rata basis with respect to. the total number of culverts. Payment shall be made on the completion of at least three culverts.
Culverts (length <6m)	19.50	



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@ For example, if the total length of bituminous work to be done is 100 km, the cost per km of bituminous work shall be determined as follows:

$$\text{Cost per km} = P \times \text{weightage for road work} \times \text{weightage for bituminous work} \times (1/L)$$

Where,

P = Contract Price

L = Total length in km

Similarly, the rates per km for other stages shall be worked out accordingly.

Note: The length affected due to law-and-order problems or litigation during execution due to which the Contractor is unable to execute the work, may be deducted from the total project length for payment purposes. The total length calculated here is only for payment purposes and will not affect and referred in other clauses of the Contract Agreement.

1.3.2 Minor Bridges and Underpasses/Overpasses: Not Applicable

1.3.3 Major Bridge works, ROB/RUB and Structures: Not Applicable

1.3.4 Other works.

Procedure for estimating the value of other works done shall be as stated in table 1.3.4.

Table 1.3.4

Stage of Payment	Weightage	Payment Procedure
1	2	3
(1) Toll Plaza	[Nil]	
(2) Roadside drains	20.00	Unit of measurement is linear length. Payment shall be made on pro-rata basis on completion of a stage in a length of not less than 5% (five percent) of the total length.
(3) Road signs, markings, km stones, safety devices etc.	6.00	
(4) Project Facilities	[Nil]	
(5) Road side Plantation including Horticulture in Wayside Amenities	[Nil]	
(6) Repair of Protection Works other than approaches to the bridges, elevated sections/flyover/grade separators and ROB/ RUBs	[Nil]	
(7) Safety and traffic management during construction	[Nil]	
(8) Protection Works		Unit of measurement is linear length. Payment shall be made on pro-rata basis on completion of a stage in a length of not less than 5% (five percent) of the total length and 10% of the area
(a) Breast Wall	14.00	
(b) Toe Wall	[Nil]	
(c) Retaining Wall	21.00	



Stage of Payment	Weightage	Payment Procedure
(c) Crash Barrier	9.00	for Hydro-seeding, Seeding & Mulching and balance Slope Protection work.
(d) Gabion Wall	13.00	
(e) Hydro-seeding	6.00	
(f) Seeding and Mulching with Jute Net	4.00	
(g) Seeding and Mulching with Coir Net	4.00	
(h) Balance Slope Protection work	3.00	
(9) Site Clearance & Dismantling	[Nil]	
(10) Junction Improvement	[Nil]	

Table 1.3.5

Stage of Payment	Weightage	Payment Procedure
1	2	3
(i) Shifting and Re-Alignment of LT Lines.	8.98	Unit of measurement is as per completed activities. Cost per activity shall be determined on pro-rata basis as per its weightage with reference to total cost. Payment shall be made for completed activity.
(ii) Shifting and Re-Alignment of 11KV Lines	9.71	
(iii) Shifting of 3Nos of Distribution Transformer (2X25 kVA and 1X100 kVA)	2.95	
(iv) Installation of Gravity Main	4.69	
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(vii) Construction of 2 number service reservoir	43.45	
(viii) Installation of Private House Connections damaged by widening	2.69	
(ix) Installation of T/Cluster	0.93	

2. Procedure for payment for Maintenance

2.1 The cost for maintenance shall be as stated in Clause 14.1.1.

2.2 Payment for Maintenance shall be made in quarterly installments in accordance with the provisions of Clause 19.7.

