

Corrigendum II

NHIDCL/ Manipur/ Maintenance/Churachandpur-Tuivai-III/2016

Date: 25.10.2016

To

All Prospective Bidders

Sub:- Restoration/Reconstruction of Churachandpur to Tuivai(NH-102B) road from km 103.10 to Km 161.48 (58.38 Km) in the state of Manipur on EPC mode – **Corrigendum II-Reg.**

Sir/Madam,

The Cost estimate & scope of work for the subject project has been revised and thereby affected clauses are amended as following:

Clause	As Existing (For)	As Modified (To be read as)
NIT	Bid Value in (Rs. In crore) 40.40 Cr.	Bid Value in (Rs. In crore) 45.47 Cr.
NIT	Bid Security (Rs. In Lakh) 60.60 Lakh	Bid Security (Rs. In Lakh) 68.20 Lakh
1.1.1	Estimated Project Cost (In Rs. crore) 40.40 Cr.	Estimated Project Cost (In Rs. crore) 45.47 Cr.
1.2.4	A Bidder is required to deposit, along with its BID, a BID Security of Rs 60.60 Lakh (the "BID Security"), refundable not later than 150 (One hundred and fifty) days from Bid Due Date.	A Bidder is required to deposit, along with its BID, a BID Security of Rs 68.20 Lakh (the "BID Security"), refundable not later than 150 (One hundred and fifty) days from Bid Due Date.
2.1.6	The Bidder shall deposit a BID Security of Rs 60.60 Lakh in accordance with the provisions of this RFP.	The Bidder shall deposit a BID Security of Rs 68.20 Lakh in accordance with the provisions of this RFP.
2.2.2.2(i)	For demonstrating technical capacity and experience (the "Technical Capacity"), the Bidder shall, over the past 5 (five) financial years preceding the Bid Due Date, have received payments for construction of Eligible Project(s), or has undertaken construction works by itself in a PPP project, such that the sum total thereof is more than Rs.101 Crore (Rupees One Hundred One Crore only) (the "Threshold Technical Capacity").	For demonstrating technical capacity and experience (the "Technical Capacity"), the Bidder shall, over the past 5 (five) financial years preceding the Bid Due Date, have received payments for construction of Eligible Project(s), or has undertaken construction works by itself in a PPP project, such that the sum total thereof is more than Rs.113.68 Crore (Rupees One Hundred Thirteen Crore and Sixty Eight Lakh only) (the "Threshold Technical Capacity").
2.2.2.2(ii)	Provided that at least one similar work of 50% of Estimated Project Cost Rs 20.20 Crore (Rupees Twenty Crore and Twenty Lakh only) shall have been completed from the Eligible Projects in Category 1 and/or Category 3 specified in Clause 2.2.2.5. For this purpose, a project	Provided that at least one similar work of 50% of Estimated Project Cost Rs 22.74 Crore (Rupees Twenty Two Crore and Seventy Four Lakh only) shall have been completed from the Eligible Projects in Category 1 and/or Category 3 specified in Clause 2.2.2.5. For this purpose, a project



	shall be considered to be completed, if more than 90% of the value of work has been completed and such completed value of work is equal to or more than 50% of the estimated project cost.	shall be considered to be completed, if more than 90% of the value of work has been completed and such completed value of work is equal to or more than 50% of the estimated project cost.
2.2.2.3	Financial Capacity: The Bidder shall have a minimum Net Worth (the "Financial Capacity") of Rs. 4.04 Crore (Rupees Four Crore and Five Lakh only) at the close of the preceding financial year.	Financial Capacity: The Bidder shall have a minimum Net Worth (the "Financial Capacity") of Rs. 4.55 Crore (Rupees Four Crore and Fifty Five Lakh only) at the close of the preceding financial year.
2.2.2.6(ii)	For a project to qualify as an Eligible Project under Categories 3 and 4, the Bidder should have received payments from its client(s) for construction works executed, fully or partially, during the 5 (five) financial years immediately preceding the Bid Due Date, and only the amounts (gross) actually received, during such 5 (five) financial years shall qualify for purposes of computing the Experience Score. However, receipts of less than Rs. 4.04 Crore (Rupees Four Crore and Four Lakh only) shall not be reckoned as receipts for Eligible Projects. For the avoidance of doubt, construction works shall not include supply of goods or equipment except when such goods or equipment form part of a turn-key construction contract / EPC contract for the project. Further, the cost of land shall not be included hereunder.	For a project to qualify as an Eligible Project under Categories 3 and 4, the Bidder should have received payments from its client(s) for construction works executed, fully or partially, during the 5 (five) financial years immediately preceding the Bid Due Date, and only the amounts (gross) actually received, during such 5 (five) financial years shall qualify for purposes of computing the Experience Score. However, receipts of less than Rs. 4.55 Crore (Rupees Four Crore and Fifty Five Lakh only) shall not be reckoned as receipts for Eligible Projects. For the avoidance of doubt, construction works shall not include supply of goods or equipment except when such goods or equipment form part of a turn-key construction contract / EPC contract for the project. Further, the cost of land shall not be included hereunder.
2.11.1(f) & 2.11.2(d)	BID Security of Rs 60.60 Lakh (Rupees Fifty Nine Lakh and Thirty Three Thousand only) in the form of Bank Guarantee in the format at Appendix-II from the Scheduled Bank.	BID Security of Rs 68.20 Lakh (Rupees Sixty Eight Lakh and Twenty Thousand only) in the form of Bank Guarantee in the format at Appendix-II from the Scheduled Bank.
Appendix-1A (20)	I/ We offer a BID Security of Rs 60.60 Lakh to the Authority in accordance with the RFP Document.	I/ We offer a BID Security of Rs 68.20 Lakh to the Authority in accordance with the RFP Document.
Schedule-B (2)	Rehabilitation and augmentation:- The following rehabilitation/strengthening treatment not less than as below are to be carried out: (i) Land Slide clearance for entire length to make formation width of 7.5m. (ii) GSBC 15 cm thick on damaged portion in two layers of 7.5 cm each with 0.75 m shoulder on each side. (iii) WBM 7.5 cm thick on damaged portion where WBM layer is damaged (iv) WBM 7.5 cm thick over entire length (v) BT 2.5 cm thick over entire length (vi) Seal coat sealing over entire length	Rehabilitation and augmentation:- The following rehabilitation/strengthening treatment not less than as below are to be carried out: (i) Land Slide clearance for entire length to make formation width of 7.5m. (ii) GSBC 15 cm thick on damaged portion in two layers of 7.5 cm each with 0.75 m shoulder on each side. (iii) WBM 7.5 cm thick on damaged portion where WBM layer is damaged (iv) WBM 7.5 cm thick over entire length (v) BT 2.5 cm thick over entire length (vi) Seal coat sealing over entire length (vii) Culverts-76 No.

	(vii) Culverts-76 No. (viii) Earthen shoulder with selected earth of 0.5m either side to match with strengthened thickness of pavement.	(viii) Earthen shoulder with selected earth of 0.5m either side to match with strengthened thickness of pavement. (ix) Construction of Subgrade (300 mm thick) from Km 147.48 to Km 161.48.
Annex –I Schedule- B (5)	PAVEMENT DESIGN:- The following rehabilitation/strengthening work is proposed on this road under:- (i) GSBC 15 cm thick on damaged portion in two layers of 7.5 cm each with 0.75 m shoulder on each side. (ii) WBM 7.5 cm thick on damaged portion where WBM layer is damaged (iii) WBM 7.5 cm thick over entire length (iv) BT 2.5 cm thick over entire length (v) Seal coat sealing over entire length (vi) Culverts-76 No.	PAVEMENT DESIGN:- The following rehabilitation/strengthening work is proposed on this road under:- (i) GSBC 15 cm thick on damaged portion in two layers of 7.5 cm each with 0.75 m shoulder on each side. (ii) WBM 7.5 cm thick on damaged portion where WBM layer is damaged (iii) WBM 7.5 cm thick over entire length (iv) BT 2.5 cm thick over entire length (v) Seal coat sealing over entire length (vi) Culverts-76 No. (vii) Construction of Subgrade from Km 147.48 to Km 161.48.
Schedule- H	As per Annexure-I	

2. The Critical Date sheet is also amended as following:

Bid Document /NIT Publishing Date	24.08.2016 (1700 hrs)
Bid Document Download / Start Date	24.08.2016 (1700 hrs)
Clarification Start Date (Pre bid queries)	24.08.2016(1000 hrs)
Clarification End Date(Last date for receipt of pre bid query)	19.09.2016(1100 hrs)
Pre bid meeting	19.09.2016 (1400 hrs)
Bid Submission Start Date	03.10.2016 (0900 hrs)
Bid submission End Date (online & hard Copy)	09.11.2016 (1700 hrs)
Opening Date of Technical Bid	09.11.2016 (1730 hrs)



Y.C Srivastava
General Manager (Tech)

Note: As the e-procure portal does not allow to increase Bid Security once submission of bids is initiated, Bidders are requested to fill the value as required earlier on the portal but the actual Demand Draft and Bid Security must be submitted for amount mentioned as per this corrigendum while submitting bid.

SCHEDULE – H

(See Clauses 10.1.4 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 percentage Contract	Stage for Payment	Percentage weightage
1	2	3	4
Road works including culverts, minor bridges, underpasses, overpasses, approaches to ROB/RUB/ Major Bridges/ Structures (but excluding service roads)	95.01 %	<p>A- Widening and strengthening of existing Road</p> <p>(1) Earthwork up to top of the sub-grade 5.17%</p> <p>(2) Granular work (sub-base, base, shoulders) 45.90%</p> <p>(3) Bituminous work 38.84%</p> <p>(4) Widening and repair of culverts</p> <p>(5) Widening and repair of minor bridges</p> <p>B- New 2-lane realignment/bypass</p> <p>(1) Earthwork up to top of the sub-grade</p> <p>(2) Granular work (sub-base, base, shoulders)</p> <p>(3) Bituminous work</p> <p>(a) DBM</p> <p>(b) BC</p> <p>(4) CC Pavement</p> <p>C- New culverts, minor bridges, underpasses, overpasses on existing road, realignments, bypasses:</p> <p>(1) Culverts 10.09%</p>	

		(2) Minor bridges (3)Cattle/Pedestrian	
		underpasses (4) Pedestrian overpasses (5) Grade separated structures (a)Underpasses (b)Overpass	
Major Bridge works and ROB/RUB	0.00%	A- Widening and repairs of Major Bridges (1)Foundation (2)Sub-structure (3)Super-structure (including crash barriers etc. complete) B- Widening and repair of (a) ROB (b) RUB C- New Major Bridges (1)Foundation (2)Sub-structure (3)Super-structure (including crash barriers etc. complete) (4) Protection Work D- New rail-road bridges (a)ROB (b) RUB	
Structures (elevated sections, reinforced earth)	0.00 %	(1)Foundation (2)Sub-structure (3)Super-structure (including crash barriers etc. complete) (4) Protection Work (a) Toe Wall, Retaining Wall, Breast Wall, RR Masonry Wall (b) Gabion Wall	
Other works	4.99 %	i) Road side drains (a) Unlined Surface Drain (b) RCC Drain (ii) Km stones and Ordinary Km Stone (including centre line marking)	24.54% 45.54% 29.92%

1.3 Procedure of estimating the value of work done

1.3.1 Road works including approaches to minor bridges, Major Bridges and Structures(excluding service roads).

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

Table 1.3.1

Stage of Payment	Percent age - weighta	Payment Procedure
A-Widening and strengthening		Unit of measurement is linear length. Payment of each stage shall be made on pro rata basis on completion of a stage in a length of not less than 10 (ten) percent of the total length. @ Rs. per km
(1) Earthwork up to top of the sub-grade	5.17%	
(2) Granular work (sub-base, base, shoulders)	45.90%	Rs. per km
(3) Bituminous work	38.84 %	Rs. per km
B- New 2-lane realignment, bypass		Unit of measurement is linear length. Payment of each stage shall be made on pro rata basis on completion of a stage in full length or 2 (two) km length.
(1)Earthwork up to top of the sub-grade	0.0%	(1) @ Rs. per km
(2) Granular work (sub-base, base, shoulders)	0.0 %	(2) @ Rs. per km
(3) Bituminous work	0.0%	(3)@ Rs. per km
(4) CC Pavement	0.0%	(4) Nil

C- New culverts, minor bridges, underpasses, overpasses 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 each culvert.
	(1) Culverts	10.09%
	(2) Minor bridges	0.00 %
	(3) Cattle/Pedestrian underpasses	0.00%
		Cost of each minor bridge shall be determined on pro rata basis with respect to the total linear length of the minor bridges. Payment shall be made on the completion of a minor bridge Cost of each cattle/pedestrian underpass shall be determined on pro rata basis with respect to the total number of cattle/pedestrian underpasses. Payment shall be made on the completion of the number of cattle/pedestrian
		(1) @ Rs. per nos
		(2) @ Rs. per meter length
		(3) @ Rs. per meter length

@. 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:

Cost per km = P x weightage for road work x weightage for bituminous work x (1/L) Where

P= Contract Price

L = Total length in km

Similarly, the rates per km for stages (1), (2) and (4) above shall be worked out.

1.3.2 Major Bridge works and ROB/RUB.

Procedure for estimating the value of Major Bridge works and of ROB/RUB shall be as stated in table 1.3.2:

Table 1.3.2

Stage of Payment	Weightage	Payment Procedure
A- Widening and repairs of Major Bridges	NIL	Cost of each Major Bridge (widening and repairs) shall be determined on pro rata basis with respect to the total linear length (m) of the Major Bridges (widening and repairs). Payment shall be made at completion of each stage of a Major Bridge as per the weightage given in this
Foundation: On completion of the foundation work including foundations for wing and return walls		
Sub-structure: On completion of abutments, piers up to the abutment/pier cap		

Super-structure: On completion of the super structure in all respects including hand rails/crash barriers, wing walls, return walls, guide bunds, if any, tests on completion etc., bridge complete in all respects and fit for use.		table.
B- Widening and repairs of (a) ROB (b) RUB	NIL	Cost of each ROB/RUB (widening and repairs) shall be determined on pro rata basis with respect to the total linear of the ROB/RUB (widening and repairs). Payment shall be made completion of an ROB/RUB
C- New Major Bridges		Cost of each Major Bridge shall be determined on pro rata basis with respect to the total linear length (m) of the Major Bridges. Payment shall be made on completion of each stage of a Major Bridge as per the weightage given in this table
(1) Foundation: On completion of the foundation work including foundations for wing and return walls	NIL	
(2) Sub-structure: On completion of abutments, piers up to the abutment/pier cap	NIL	
(3) Super- structure: On completion of the super structure in all respects including hand rails/crash barriers, wing walls, return walls, guide bunds, if any, tests on completion etc., complete in all respects and fit for use	NIL	
D- New Rail-road bridges (a) ROB (b) RUB	NIL	Cost of each ROB/RUB shall be determined on pro rata basis with respect to the total linear length (m) of the ROB/RUB. Payment shall be made on completion of each stage.

1.3.3 Structures

Procedure for estimating the value of structure work shall be as stated in table 1.3.3:

Table 1.3.3

Stage of payment	Weightage	Payment procedure
(1) Foundation: On completion of the foundation works including foundations for wing and return walls	NIL	Cost of each structure shall be determined on pro rata basis in respect to the total linear length (m) of all the

(2) Sub-structure: On completion of abutments, piers up to the abutment/pier cap	NIL	structures. Payment shall be made on completion of each stage of a structure as per the weightage given in this table
(3) Super-structure: On completion of the Structure along with super structure, including hand rails/crash barriers, wing walls, return walls, tests on completion etc., elevated structure complete in all respects and fit for use.	NIL	
Protection Work (6) (i) Reinforced Earth & Retaining Wall, Toe Wall, Breast Wall, RR Masonry (ii) Gabion Wall	NIL NIL	Payment shall be made on pro rata basis on completion of 25 (twenty five) percent of total area.

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
(i) Road side drains (a) Unlined Surface Drain	24.54 %	Unit of measurement is linear length in km. Payment shall be made on pro rata basis on completion of a stage in a length of not less than 10 % (ten per cent) of the total length.
(b) RCC Drain	45.54%	
(ii) Km stones and Ordinary Km Stone (including centre line marking)	29.92 %	

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.