

Corrigendum#1

Name of Project: Consultancy Services for Additional Topographical, Geological/Geotechnical Survey and data collection from Km.85.00 to 95.00, 101.00 to 145.00 to 2- Lane with paved shoulders of Tura – Dalu of NH-51 in the State of Meghalaya.

S. No	Reference	Description	Existing Provision (to the extent mentioned)			Modified Provision (to the extent mentioned)		
			S No.	Event Description	Date	S No.	Event Description	Date
(1)	NIT	Critical Date Sheet S No.7,8,9,10, page no. 4	7	Last date of submission of hard copies of the proposal, tender fee and bid security, etc.	12.04.2017 (1700 Hrs)	7	Last date of submission of hard copies of the proposal, tender fee and bid security, etc.	24.04.2017 (1700 Hrs)
			8	Last date of submission of online proposal	12.04.2017 (1700 Hrs)	8	Last date of submission of online proposal	24.04.2017 (1700 Hrs)
			9	Opening of Technical proposal	13.04.2017 (17300Hrs)	9	Opening of Technical proposal	25.04.2017 (1730Hrs)
			10	Opening of Financial proposal	17.04.2017 (AT 16.00 Hrs. at NHIDCL HQ)	10	Opening of Financial proposal	27.04.2017 (AT 1600 Hrs. at NHIDCL HQ)
(2)	RFP	NIT under RFP Critical Date Sheet S No.7,8,9,10, page no.4	7	Last date of submission of hard copies of the proposal, tender fee and bid security, etc.	12.04.2017 (1700 Hrs)	7	Last date of submission of hard copies of the proposal, tender fee and bid security, etc.	24.04.2017 (1700 Hrs)
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			9	Opening of Technical proposal	13.04.2017 (17300Hrs)	9	Opening of Technical proposal	25.04.2017 (1730Hrs)
			10	Opening of Financial proposal	17.04.2017 (AT 16.00 Hrs.at NHIDCL HQ)	10	Opening of Financial proposal	27.04.2017 (AT 1600 Hrs. at NHIDCL HQ)
(3)		Letter of Invitation under RFP, Clause 16, Mode of Submission Page No. 8 (Para 2 line no. 5)	The envelope containing Technical bid should also indicate clearly the name of the bidder and his/her address. In addition, the left hand top corner of the envelope or container should indicate the name of the work, name of the document in the envelope with bid opening date and time and the addressed to the address mentioned above and shall reach on 12.04.2017 by 1700Hrs and the online bids shall be opened at 1730 Hrs on 13.04.2017			The envelope containing Technical bid should also indicate clearly the name of the bidder and his/her address. In addition, the left hand top corner of the envelope or container should indicate the name of the work, name of the document in the envelope with bid opening date and time and the addressed to the address mentioned above and shall reach on 24.04.2017 by 1700Hrs and the online bids shall be opened at 1730 Hrs on the 25.04.2017.		

S. No	Reference	Description	Existing Provision (to the extent mentioned)				Modified Provision (to the extent mentioned)					
(4)	RFP	TOR, under RFP, Cl. 3.1.3 " The scope of works for topographic survey", in the table S. No A " Plan Mapping Survey (S=1:1,000)	1	Survey for Additional Data	- To cover average 15 m outside from the most lateral survey point of hill side in DPR design and average 10 m outside from the most lateral survey point of valley side in DPR design. - Existing utilities, road structures, house structures and social/ religious objects shall be covered.	ha	128.80	1	Survey for Additional Data	- To cover average 15 m outside from the most lateral survey point of hill side in DPR design and average 10 m outside from the most lateral survey point of valley side in DPR design. - Existing utilities, road structures, house structures and social/ religious objects shall be covered.	Kms	52
(5)		TOR, under RFP, Cl. 3.1.3 " The scope of works for topographic survey", in the table S. No B " Control Point Survey, S. No 4	4	Establishing Secondary Traverse	- Secondary traverse will be established using Total Station instrument and will be tied to at least 2 GPS control points. - To be spaced not greater than 500 m interval. - To be marked with wooden hub of dimension of 5 cm X 5 cm X 50 cm with a common wire nail embedded at the centre of the wooden hub.	N os.	1,236	4	Establishing Secondary Traverse	- Secondary traverse will be established using Total Station instrument and will be tied to at least 2 GPS control points. - To be spaced not greater than 500 m interval. - To be marked with wooden hub of dimension of 5 cm X 5 cm X 50 cm with a common wire nail embedded at the centre of the wooden hub.	Kms	52
(6)		TOR, under RFP, Cl. 3.1.3 " The scope of works for topographic survey", in the table S. No B " Control Point Survey, S. No 5	5	Traverse Survey	- Secondary traverse will be observed and measured in accordance with the following manners; • Horizontal angles will be observed by two rounds of angle on 2 different zero setting. • The allowable linear error of closure not to exceed 0.0002 Ps where Ps is the perimeter of the control. • The angular error of closure (Azimuth) not to exceed 10" \sqrt{S} where S is the number of station. • Number of station between azimuth check not to exceed 35. • Relative error after azimuth adjustment not less than 1:10,000.	Kms	30.2	5	Traverse Survey	- Secondary traverse will be observed and measured in accordance with the following manners; • Horizontal angles will be observed by two rounds of angle on 2 different zero setting. • The allowable linear error of closure not to exceed 0.0002 Ps where Ps is the perimeter of the control. • The angular error of closure (Azimuth) not to exceed 10" \sqrt{S} where S is the number of station. • Number of station between azimuth check not to exceed 35. • Relative error after azimuth adjustment not less than 1:10,000.	Kms	52

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(7)	RFP	TOR, under RFP, Cl. 3.1.3 " The scope of works for topographic survey", in the table	Not Mentioned	<table border="1"> <tr> <td>C</td> <td colspan="3">Spoil Bank Survey</td> </tr> <tr> <td rowspan="2">6</td> <td>Survey for Additional Data</td> <td>- Locations and size of spoil banks are as per the preliminary design under JICA Study. - Total area may be estimated as 12 ha.</td> <td>Nos 9</td> </tr> </table>	C	Spoil Bank Survey			6	Survey for Additional Data	- Locations and size of spoil banks are as per the preliminary design under JICA Study. - Total area may be estimated as 12 ha.	Nos 9							
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	(8)	TOR, under RFP, Cl. 3.1.3 " The scope of works for topographic survey", after the table	Not Mentioned	<p>Topographic Survey</p> <ol style="list-style-type: none"> Review of all applicable reports and published information about the projects and the project influence area. DPR designs for each three sections of road correspond to different coordinate system and do not much with WGS 84 system. The Consultant shall verify the actual survey area based on the natural features To carry out of all additional topographic surveys will be one of the most important and crucial tasks. The detailed field surveys shall be carried out using high precision instruments i.e. Total Stations. The data from the topographic surveys should be available in (x,y,z) format for use in sophisticated digital model terrain (DTM). The consultant would be fully responsive for any inaccuracy in surveys Topographic survey will cover average 15 mtrs outside from the most lateral survey point of hill side in DPR design/cross-section to average 10 mtrs outside from the most lateral survey point of valley side in DPR design/cross section, and area covered by DPR design Survey shall be conducted on the alignment and the cross-sections as in respective DPRs. Any minor variation shall be fine tuned. In case of major variation or otherwise, survey shall proceed as per the ground. The new points shall be plotted by superimposing on existing cross-sections prepared by DPR consultant. Accordingly, Cross-section shall be plotted. However, if superimposition is not possible or if variation is found then cross section shall be plotted based on the new data input. Locations of Spoil Bank are as follows; <table border="1"> <thead> <tr> <th>No</th> <th>Section</th> <th>Sta.</th> <th>Capacity of Spoil Bank</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>Cu.m</td> </tr> <tr> <td></td> <td>Sta. 85-</td> <td>88+000</td> <td>47,120</td> </tr> <tr> <td>2</td> <td>STA.101-</td> <td>105+805</td> <td>4,620</td> </tr> </tbody> </table>	No	Section	Sta.	Capacity of Spoil Bank				Cu.m		Sta. 85-	88+000	47,120	2	STA.101-	105+805
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