

Ref: BHE/PW/PUR/LRPT-ESP U #1 & 2/1260-1261/Clarification

Date 15/05/2014

To

ALL BIDDERS

Sub: Corrigendum-02: Clarification.

JOB: COLLECTION OF MATERIALS FROM BHEL/ CLIENT'S STORES/ STORAGE YARD, TRANSPORTATION TO SITE OF WORK/PRE-ASSEMBLY YARD, **ERECTION, TESTING, ASSISTANCE FOR COMMISSIONING & TRIAL OPERATION**, HANDING OVER OF **ESP PACKAGE** INCLUDING, INSULATION, FINAL PAINTING ETC OF ESP PACKAGE FOR **UNIT # 1 & UNIT # 2** AT 2X800 MW NTPC LARA AT VLLAGE-LARA, DISTRICT-RAIGARH CHHATISGARH.

SI No	Tender Specification Number	Unit Number & Project
1	BHE/PW/PUR/LRPT-ESP U # 1/1260	800 MW ESP of Unit 1
2	BHE/PW/PUR/LRPT-ESP U # 2/1261	800 MW ESP of Unit 2

Bidders to kindly take note of the following:

AA) Clarification to the Queries of Bidder

SI No	Ref. clause of Tender Document	Description / Bidder's query	BHEL's clarification
1	Tender document	Layout drawing provided with tender document is not readable. PI provide a readable copy.	At this stage we have only this drawing for reference and quality is same as uploaded in web.
2	TCC 2.0, SIno. 3 and TCC 11.2.1, Pg 63	Pre-assembly if any then temporary steel for bed shall be provided by BHEL free of cost. PI confirm.	Pre-assembly if any then temporary steel for bed shall be arranged by the contractor.
3	TCC 11.2.5, Chp-IX, Pg 63	Bundle of collecting electrodes should be handled only with special lifting beam and slings supplied for the purpose. It will be supplied by BHEL free of hire charges.	It will be supplied by BHEL free of hire charges on returnable basis.
4	TCC 11.2.8, Chp-IX, Pg 63	Filtration of Transformer Oil is in the Scope of Work if required. BHEL will Supply Filtration machine on Free of Charge if Required. Oil shall be also provided by BHEL free of hire charges.	Oil will be provided by BHEL free of hire charges on receipt of it from respective manufacturing unit.
5	TCC 11.5.5, Chp-XI, Pg 67	Supply of anchor/ foundation bolts. PI confirm the qty of bolts.	BHEL scope Please refer PGMA 79680.
6	TCC 11.10.9, 11.5, Chp-XI, Pg-78	Supply of cement + special cement & all grouting materials. Please confirm Quantity of grouting in	Grouting with cement with specified grade is in the scope of vendor and as per Site requirement.

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		CuM.	
7	TCC 11.14.4, Chp-XI, Pg 85	Hydraulic / pressure test, chemical cleaning, steam / air blowing and electrical installations made for any temporary system. All materials, equipments necessary for installation of temporary system and Chemical for chemical cleaning along with all its accessories shall be supplied by BHEL as free or on returnable basis. PI confirm.	Air blowers for air tightness test provided by BHEL on free of cost on returnable basis, but system to be made ready by vendor.
8	TCC 11.14.7, Chp-XI, Pg-86	Section 13 of SCC not available. Please provide.	The term of Section 13 may be read as relevant provisions of General Conditions of Contract
9	TCC 11.14.10, Chp-XI, Pg 86	Dedicated manhrs for BHEL commissioning activities. If any please provide details.	Tender Conditions are self-explanatory.
10	TCC 11.14.13, Chp-XI, Pg 87	ESP has to be preserved against corrosion either by wet preservation or by dry preservation. Preservatives required shall be supplied by BHEL free of cost.	Required preservation is in the scope of contractor as per clause 11.15 of Chapter-XI of TCC
11	SCC, Chp IV, d), Pg 14	The construction and dismantling of the foundations required for the construction/elevator lifts is included in the scope of the contractor. PI confirm the scope and if Yes, PI provide details of i.e. no. of foundations and its quantity in CuM.	It is in customer scope
12	Price bid, NIT, GCC 2.26, Pg 30	Whether reverse auction is applicable for award of contract. PI confirm.	Tender Conditions are self-explanatory.
13	General	Straighting of collecting electrodes. The Jig arrangement required for straighting of collecting electrode will be supplied by BHEL free of cost.	The Jig /FORM TOOL arrangement required for straighting of collecting electrode will be supplied by BHEL free of cost, however Stand and Mallet required has to be arrange by the contractor.
14	Cl. 11.7, Chapter-XI of TCC (Page No. 73 of 107)	Electrical Scope includes Heating Elements. Please provide the no. of Heating Elements / Thermostats per Unit.	Please refer PGMA 79690
15	Cl. 11.7, Chapter-XI of TCC (Page No. 73 of 107)	Fabrication and Erection of Structural Steel for Electrical Works. Please provide Weight of Structural Steel included in various product groups required for fabrication and	Please refer PGMA 79659

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		erection of Cable Tray Supports, Making of Cable Trays, Making of Channel Base Frames for Panel and Junction Boxes etc.		
16	Cl. 11.7.1.5, Chapter-XI of TCC (Page No. 73 of 107)	Copper Tubes/SS Tubes / Copper Pipes. Please provide the qty. in mtrs.	PI refer PGMA 79606 for details	
17	Cl. 11.10.8, Chapter-XI of TCC (Page No. 78 of 107)	Panel erected by other agencies. Please provide the details such as Name of service, No. of Panels etc. for the Panels erected by other agencies and Commissioning / trouble shooting work has to be carried out by us.	Tender Conditions are self-explanatory.	
Refer APPENDIX -1 of TCC	PGMA	DESC.	BIDDER'S QUERY	BHEL's clarification
44	79691	PANEL TYPE HOPPER HE	Please provide, No. of Shipping Sections, Size and weight of each Panel	Details cannot be shared as detailed engineering is in progress
45	79630	ELECTRICAL SD COMPTS	Please provide detailed itemized BOQ with Size and unit weight for this group	
46	79637	JUNCTION BOX & PUSH	Please provide Size and Nos. of Junction Boxes and Push Button Stations	
47	79660	CABLE-CABLE RACKS	Please provide Type, Size and Length in "Mtrs." Of Cables. Also provide no. of Terminations and Straight Through Joints for HT Cables	
48	79662	EARTHING,CABLE TRAYS	Earthing : Please provide Size and Length of Earthing Strips, Wires etc. Also provide no. of Earth Pits., etc. Cable Trays : Please provide Type, Size and Length in "Mtrs."	
50	79641	ELECTRICAL MISCELLAN	Please provide detailed itemized BOQ with Size and unit weight for this group	
52	79692	AUXILIARY CONTROL PA	Please provide detailed itemized BOQ with Size and unit weight for this group	
53	79678	BAPCON & ACCESSORIES	Please provide nos. and weight of each BAPCON. Also provide Size and weight of Control Panel	
54	79673	ELECTRICALLY OPERTD	Please provide detailed itemized BOQ with Size and unit weight for this group	
59	79661	EP PERF TEST EQUIPT	Please provide detailed itemized BOQ with Size and unit weight for this group	

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All other Terms and conditions of the Tender Specification shall remain unaltered unless expressly amended by BHEL in writing.

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Bidders are requested to submit as a part of Technical Bid, a copy of this corrigendum duly countersigned by the authorized signatory and stamped with the Official seal as a token of Bidder's unqualified acceptance of this corrigendum.

This letter is hosted as file titled "Corrigendum-02 (Clarification-1260-1261)" against NIT-17380 in BHEL web page (www.bhel.com→Tender Notifications → View Corrigendum).

Thanking you,

Yours faithfully,

AGM (Purchase)