

Ref: BHE/PW/PUR/KORSR1-ESP PKG-I/1200/Corrigendum 01

Date 26/12/2013

To

ALL BIDDERS

Sub: Corrigendum-01: Issue of Time extension for offer submission and clarification.

JOB: Dismantling of Existing ESP Internals & other components, Disposal of the same to scrap yard, Transportation of materials from Customer storage to site of work and carrying out modifications as required, Erection, Testing & commissioning and Application of Insulation/cladding for the work of **Renovation & Retrofitting of existing Electrostatic Precipitators & ducts for Unit# 1(200MW), Unit#2 (200MW) & Unit# 4 (500 MW)** sets AT Korba Super Thermal Power Station-Korba District :Korba, Chhatisgarh.

Tender Specification Number: BHE/PW/PUR/KORSR1-ESP PKG-I/1200

Bidders to kindly take note of the following:

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AA) Clarification to the Queries of Bidder

Sl. No.	Ref. Clause of Tender Document (Page No.)	Bidder's Query	BHEL's clarification
1	General	Whether Damper & Gates which are to be relocated require servicing and over hauling. If yes, Please clarify the bidder's scope.	Dismantled and relocated only.
2	TCC, 1.2.4 (43 of 98)	Shutdown period is 45 days for 200 MW units- whether for one unit or two units.	45 days for 200 MW/each unit 60 days for 500 MW/each unit
3	TCC, 1.9.1 – Weight Schedule (60 of 98)	Please provide separate qty for erection of new parallel fields of ESP for 2x200 MW & 1x500 MW units.	No separate weight identified for new parallel fields. Unit wise weight to be followed.
4	TCC, 1.17.0 (96 of 98)	Please provide total qty of painting (supply and application)	All the exposed metal parts of the equipments, as per the instructions of BHEL/Customer official. Total qty of painting will be calculated during execution.
5	Price Bid, A.1.1	Please provide the unit-wise weight of ESP to be dismantled and shifted to yard.	Unit wise tonnage is not mentioned where is lump sum weight to be quoted for each unit.
6	Price Bid, C.1.1	Please provide the unit-wise weight of ESP to be dismantled for Electrical Items.	Unit wise tonnage is not mentioned where is lump sum weight to be quoted for each unit.

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Sl. No.	Ref. Clause of Tender Document (Page No.)	Bidder's Query	BHEL's clarification
7	TCC, Chapter-IX – Weight Schedule, BOQ for Electrical Items :		Indicative work has shown in TCC, Chapter-IX – Weight Schedule, BOQ for Electrical Items: lump sum weight to be quoted for each unit category wise for 200 MW & 500 MW.
a)	E1A (71 of 98)	Unit weight is not indicated in Kgs. Hence, total weight is not matching with quantity. Please clarify.	Indicative work has shown. Weight is not confined for electrical items.
b)	E1A.4 & E1A.5 (71 of 98)	Both the Ladder Trays are of 150 width. Please clarify. Further, Unit Weights in Kg. is different for stage-1 & stage-2.	Indicative work has shown. Weight is not confined for electrical items.
c)	E1A.6 & E1A.7 (71 of 98)	Common total weight is indicated. However, unit weight is not matching.	Unit wise tonnage is not mentioned where is lump sum weight to be quoted for each unit.
d)	E2A (71 of 98)	Weight is not indicated.	Weight is not confined for electrical items. Lump sum weight to be quoted for each unit.
e)	E2B (72 of 98)	Total weight is indicated. However, unit weight is not matching.	Indicative work has shown. Weight is not confined for electrical items.
f)	E2C (72 of 98)	Total weight is indicated. However, unit weight is not matching.	Indicative work has shown. Weight is not confined for electrical items.
g)	E6 (72 of 98)	Total weight is indicated. However, unit weight is not matching.	Indicative work has shown. Weight is not confined for electrical items.
h)	E6.4 (73 of 98)	The item description is incomplete. Further, please provide Drg. No. and drawing for Earth Pit.	It is under lump sum quoting rate for scope of Electrical Work.
i)	E9 (73 of 98)	The scope of Electrical Work is limited to Testing & Commissioning only. However, weights are indicated for some of the items. Please clarify whether these weights are to be considered in Electrical Work or the same are already covered in Mechanical Works.	It is under lump sum quoting rate for scope of Electrical Work.
j)	E9.3 (73 of 98)	As per TCC, Chapter-XIII, Cl. No. 1.13.6, Page 83 of 98, "Dry out, testing & commissioning is not in the scope of this contract" for HV Rectifier Transformer. Further, please clarify whether we have to do oil filtration work.	Oil filtration work, testing & commissioning for HVR is in the scope of this contract.
k)	E9.5 (73 of 98)	Please provide quantity for Stage-1 & Stage-2.	Tender is for of Unit# 1, 2(200MW) & Unit #4(500 MW), not in stage wise.
l)	E10 (74 of 98)	Please provide quantity in SQM for Stage-1 & 2. Also provide brief technical	It is under lump sum quoting rate for scope of Electrical Work. Unit wise it may

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		specification / type of fire proof sealing material to be provided by BHEL.	be different.
m)	E11 (74 of 98)	Please provide detailed quantum of Lighting Fixtures, Supports, Brackets, Conduits, Lighting Wire, Receptacles, Lighting Panels, etc. for Stage-1 & 2.	Under lump sum quoting rate for scope of Electrical Work.

Sl No.	Reference clause of Tender Document	Existing Provision	Bidder's query	BHEL's clarification
1	Tcc 1.3.5 pg 48/98	Bidder's own arrangement	Water supply for construction and Labor colony in whose scope. And whether free or on chargeable basis.	BHEL will provide water at single point for construction work on free basis. Bidders own arrangement for Labor colony.
2	Tcc 1.3.1.3.1.1 pg 45/48	BHEL will provide water at single point		
3	Tcc pg 42/98	No T&P to be provided by BHEL	Please clarify.	BHEL will provide ----Huck bolting machine with required Gun sets & hoses. -75 T Crawler crane on sharing basis.
	Tcc pg 51/98	List of T&P by BHEL on sharing basis free of hire charges on sharing basis		
4	Tcc 1.11.9	shims/ plate for shims - free supply by BHEL	Please clarify.	Plates and shims received as part of supplies from manufacturing units. Cut out from steel plates/sheets at site by the contractor as per requirement.
	Scc 4.1.1	Supply of Shims in bidder scope		
5	Tcc 1.11.1	Foundation for the equipments to be erected shall be provided by BHEL/clients of BHEL.	Please clarify.	Foundation for the equipments shall be provided by BHEL. The dimension of the foundation shall be checked by the contractor for their correctness as per drawings. Grouting with material in bidders scope.
	Tcc 1.11.8	Grouting - Grouting material and supply of cement & special cement in bidders scope.		

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6	Price Bid (A.1.1)	Dismantling & Disposal of Existing ESP Components.	Please provide the following details: 1. Distance of the customer scrap yard for transport of the dismantled components. 2. Dismantling Tonnage Quantity. 3. Normally during dismantling a huge quantity of ash is to be disposed, please clarify the disposal method of ash and payment for the methodology.	1. To customer scrap yard and distance may be 2 to 3 Kms. 2. Not quantified. However approximate qty. may be around 4000 MT. 3. Ash to be disposed through conventional method as per instructions of Engineer Incharge. There is no separate payment methodology as the activity shall be part of dismantling.
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BB) EXTENSION of LAST DATE:

The last date for submission of Tender has been re scheduled to
03/01/2014, 15.00 hrs.

Technical Bid shall be opened on 03/01/2014 at 16.00 hrs

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

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-01 (Clarification-1200)" against NIT-15777 in BHEL web page (www.bhel.com→Tender Notifications → View Corrigendum).

Thanking you,

Yours faithfully,

AGM (Purchase)