

Ref: BHE/PW/PUR/VNSR-ESP/1252/Corrigendum 01

Date 08/04/2014

To

ALL BIDDERS

Sub: Corrigendum-01: 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#7 (500MW) & Unit# 8 (500 MW) sets at Vindhyachal Super Thermal Power Station- Vindhyachal District: Singrauli, State:MP**

Tender Specification Number: BHE/PW/PUR/VNSR-ESP/1252

Bidders to kindly take note of the following:

AA) Clarification to the Queries of Bidder

Sl.No.	Ref. clause of Tender Document	Existing provision	Bidder's query	BHEL's clarification
1	Page 41/79 TCC-Chapter -II	Shut down period	Please confirm 45 days period is for both units or single unit.	Single unit
2	Page 45/79 TCC-Chapter -III Cl.1.3.2.1.10	Preparation of Pre-assembly bed	Please confirm whether the temporary steel required for bed preparation will be supplied by BHEL free of cost.	Any Temporary steel required for bed preparation or for approaches will be in Bidder's Scope.
3	Page 48/79 TCC-Chapter -V	BHEL may use Tower Crane (20T)	Please confirm the availability of Tower Crane (20T) on sharing basis free of cost from the start of Job.	During Erection work on sharing basis.
		-----do-----	Please confirm the No. of Tower Crane (20T) & its Jib length and capacity of lift at tail end.	Jib length-70 m and capacity of lift at tail end is 5 T. Only one No. Tower Crane (20T) for each stage
		-----do-----	Whether Tower Crane Erection, Foundation Preparation, Operator will be in Bidder's Scope. Please confirm.	YES, It is in Bidder's Scope
1 Page 4	Page 57/79 TCC-Chapter IX	Weight Schedule	Tentative PGMA list file is missing. Further please inform beak-up quantity & weight of the following :	PGMA LIST ATTACHED

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		1) Weight of Existing ESP to be dismantled		Bidder to be Quoted on LS basis. Approximate weight will be equal to erection weight.
		2) Break-up weight of Erection of existing ESP Internals i.e 3585 MT/Unit.		PGMA LIST ATTACHED
		3) Break-up weight of Insulation i.e.710 MT (Mineral Wools, Iron Components & Aluminium sheeting)		PGMA LIST ATTACHED
		4) Electrical items - Cable trays, cable and Equipments etc. Please provide details as mentioned below :		Lump sum rate to be quoted per unit. So for quantity and weight is not exactly defined.
				Remove all the rapping motors in ESP. Remove all the electrical items in the ESP Roof.
				Install new rapping motors for ESP.
		MCC & ACP Panels	NOS.	Modify the Electrically isolated ACP and LTMSB (new panels for both LTMSB & ACP for additional field) of ESP by adding the vertical panels as per the instructions given in the Installation manual.
		Starter Panel / Boxes / Power Distribution Box / Marshalling Boxes	NOS. / SET	Remove the existing EC panels in control room and replace with the newly supplied EC panels. Additional fields panel to be added parallelly
		Miscellaneous Equipments - Ash Level Indicator, Opacity Monitor & Elec. Operated Hoist	NOS. / SET	for additional field only

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		Cable Trays and Accessories	MTR	Only damaged cable tray to be replaced
		Support Channel for Cable Trays	MTR	Only damaged Support Channel for Cable Trays to be replaced
		HT Power Cables 6.6 KV Al. XLPE (Generally Unarmoured)	MTR	Remove all the cables of the electrically isolated panels and keep in a safe storage place. Electrical cables in the hopper area need not be removed.
		HT Termination	NOS.	
		LT Power Cables (Generally Unarmoured) - Including Termination	MTR	Lay cables from ESP control room to ESP (For the first 5 fields, old cables shall be re-used, and for the remaining 3 fields new cable shall be used).
		LT Control Cables (Generally Unarmoured, Screened or Unscreened) - Including Termination	MTR	
		Junction Boxes and Push Button	NOS	Removal and reinstallation of all the other panels, HV transformers in ESP Roof and other electrical items for ESP.
		Equipment Earthing Materials (ESP)	MTR	for additional field only
		Earth Pit for Neutral Grounding	NOS.	for additional field only
		Service Transformer Oil Filled Transformers - Three-Phase 2000KVA, 6.6 KV /415V Transformer	NOS.	Only Testing & Commissioning of Equipments whichever not required for replacement.
		Only Testing & Commissioning of Equipments	NOS. / SET	
		Fire Proof Sealing Work	SQ. MTR	NOT APPLICABLE FOR THIS TENDER
		Illumination	L.S.	NOT APPLICABLE FOR THIS TENDER

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5	Page 68/79 TCC- Chapter -Cl.1.13.29	Straightening of collecting electrodes.	Please confirm the Jig arrangement required for straightening of collecting electrode will be supplied by BHEL free of cost.	YES
6	Page /79 TCC- Chapter -Cl.1.11.8	Supply of cement + special cement & all grouting materials.	Please confirm Quantity of Grouting in CuM.	AS PER ADDITIONAL PEDASTAL OF EXTENDED FIELDS
7	Volume II -Price Bid	Weight Schedule	As per Price Bid Sl.No.1.1 (B) - ESP including Ducts weight is 7142 MT, whereas in Weight Schedule, the same is indicated as 7280 MT - Please confirm	Some items has been deleted from PGMA List.
8	General	Derrick Arrangement	Please confirm whether we can tieup / fixup Derrick wire rope to the existing structure.	YES

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-1252)" against NIT-17078 in BHEL web page (www.bhel.com→Tender Notifications → View Corrigendum).

Thanking you,

Yours faithfully,

AGM (Purchase)