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To
ALL BIDDERS,

Sub: CORRIGENDUM -03: Clarifications & Amendments.

Job: All civil and Architectural works required for Coal Handling Plant AT **4X270 MW Thermal Power Station, Manuguru, Distt-Khammam, Telangana.**

Tender Specification Number: BHE/PW/PUR/MANUT-CVL CHP/1535

Bidders to kindly take note of the following:

AA) Queries of the bidders:

Sl no	Reference clause of Tender Document	Existing provision	Bidder's Query	BHEL's clarification
1	BOQ Item No.A508	Precast Concrete Tiles	Size of tiles may please be changed to 250x250 / 300x300 mm instead of 600x600 mm due to ready availability as-well-as easy handling at site. Please confirm.	Referred item description shall remain unchanged.
2	BOQ Item nos.1813, 1814	Earthing Pit	Please provide detailed drawings for earthing system.	It shall be provided during execution.
3	BOQ Item nos. 2418, A2418 & 2419	M30 grade & M15 grade concreting	In these items it is mentioned that, 'excluding the cost of reinforcement'. Hence, for these items issue of cement is in the scope of bidder & for all other cement related items cement will be issued by BHEL free of cost.... Please confirm.	Cement shall be provided by the bidder for BOQ item no. 2418, A2418 & 2419. For all other BOQ items related with cement, cement will be issued by BHEL free of cost.
4	BOQ Item nos. 2420, 2421 & 2422	Reinforcement	For these items reinforcement steel is in the scope of bidder. For all other reinforcement items, reinforcement steel will be issued by BHEL free of cost.....Please confirm.	MS dowel bar for BOQ item no. 2420 and MS reinforcement of BOQ item no. 2422 shall be provided by bidder. Steel reinforcement of BOQ item no. 2421 shall be issued by BHEL free of

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				cost.
5	BOQ in Excel sheet	Individual item rates & total amount	We are requesting you to provide us the excel sheet of BOQ with rate coefficients for our internal assessment of works and internal compilation of item wise rates etc.	Excel sheet has been uploaded in the BHEL web for calculation purpose only. Please note that this will not be a part of contract.
6	TCC Clause 2.3	Labour Colony	Please allow us to set up labour colony with brick masonry & CGI sheets etc. with necessary amenities instead of prefabricated Labour colony and please provide the area for labour colony within the site premises / at the proximity of the site, free of cost.	Tender conditions shall prevail.
7	General	General	HT Lines inside the premises of site will be shifted / dismantled before start of the work. Please confirm.	The HT lines shall be shifted by customer before start of work.
8	GCC Clause 2.13	Interest bearing recoverable advance	Interest bearing recoverable advance @5% of Contract Value will be provided as per Clause 2.13 of GCC. - Please confirm.	GCC Conditions prevail.
9	General	Secured Advance	Please provide 75% of Secured Advance for nonperishable bought out items.	Secured Advance is Not Applicable.
10	TCC Clause 8.1.2	Service Tax & Cess on Service Tax	Please confirm that Service Tax as per statute (presently 14%) will be paid as per the "Tax Invoice" raised by the Contractor.	Service Tax shall be paid at Prevailing Rate (Presently 14 %) for the Tax Invoices raised by the Contractor.
11	CL.No.2.17.9/ Important Information (Annexure-4) of NIT	Additional PVC during Contract Extension Period	Under the said clause in page 44 of 91 it is mentioned "In order to take care of variation in cost of execution of work on either site, due to variation in the index of LABOUR, HSD, WELDING ROD, CEMENT, STEEL, MATERIALS additional variation formula as described herein shall be applicable during contract extension period". But in this clause 2.17.9 (iii)-03 for materials for which PVC is applicable in contract extension period is mentioned as materials other than cement & steel (Page 43 of 91). Again in 2.17.9 (iv) it is mentioned payment	Bidders are requested to refer the Annex-4 "NIT Important Information" clause no 2.17.9.iii which is self-explanatory.

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			/recovery due to variation in index shall be determined on the basis of the following notional formula without any initial absorption in respect of identified components viz LABOUR, HSD, WELDING ROD, CEMENT, STEEL, MATERIALS (Page 44 of 91).- Please clarify whether cement and steel are included for PVC during contract extension period.	
12	Cl.No.2.21.3/ Important Information (Annexure-4) of NIT	Issue of Cement (Free of cost)	This clause states: Contractor to note that batching plant being established at site shall have minimum two cement silos of 100 MT capacities each. Whether cement will be issued by bulker, please confirm.	Cement will be issued through bulker and bags both as per clause 2.21 of TCC.
13	General	Soil Investigation shall be provided	Bidder requests you to please arrange to provide preliminary soil investigation report.	Vol-I "F" "Geotechnical Investigation Report for CHP & AHP Area" has been uploaded in the BHEL web and this will be part of tender documents.
	TCC Chapter-III	Open space for labour colony shall be in the bidder scope	You are requested to provide the land for labour colony within the site or in the vicinity of site at free of cost.	Tender condition prevails.
14	TCC-XI, item no - ISG 221, 401 & 406	Reinforcement-TMT/HYSD steel shall be supplied by BHEL free of cost	As per BOQ item no. ISG 221, 401 & 406; Mild steel reinforcement is used in brickwork and concrete. Please confirm whether MS reinforcement shall be issued at free of cost.	It is confirmed that MS steel shall be issued free of cost for item no. ISG 221, 401 & 406.
15	NIT - 2.25.3 & TCC-XI, item no 704	As per NIT 2.25.3, foundation bolt shall be issued free of cost. But as per BOQ item no. 704, supply of bolt	Please clarify.	Foundation bolt shall be in the scope of contractor. Hence, the term " Foundation Bolt " stands deleted from clause no. 2.19.1(a), 2.22.1(b), 2.22.2, 2.22.6 Sl. No. 2, 2.25.3 & 2.27 P-3 of TCC.

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		is in the scope of contractor.		
16	Annexure - I	Pre-Qualification Criteria	Since , the project consists of specialized work i.e. Construction of Coal Handling Plant involving deep excavation , we request you to incorporate a Pre-Qualification Criteria , wherein " The Qualified Bidder should have successfully completed structures like Wagon Tippler , Track Hopper etc. involving deep excavation " .	Tender condition prevails
17	Cl.7 of NIT	Price Variation Clause	We request you to kindly amend the said clause in line with the similar clause for other BHEL contracts, and provide us escalation for Labour, POL and Materials Other than Steel & Cement throughout the Original Contract Period as well as Extended Period. 15% of the Contract Value may be treated as fixed component while escalation to be paid on 85% of the Contract Value. The components shall be: Labour: 40%, POL: 5% & Materials other than Steel & Cement: 40%. Base Date shall be calendar month of latest date of submission of tender. Please confirm.	Tender condition prevails
18	Cl.3.2.0 of TCC	Electricity	We presume that Electric Power for Bidder's / Contractor Site Office , Labour Hutment and Area Lighting will be issued free of Cost at a single point. However, further distribution will be in Bidder/ Contractor's scope.	Tender condition prevails
19	Cl.3.3.3. of TCC	Water Supply for Living Purpose.	We request you to provide water for living and domestic purpose , free of cost at the site premises	Tender condition prevails
20	Cl.3.1.2 of TCC	Open Space for Labour Colony (as	We presume that Land for setting up of Labour Colony will be provided by BHEL, free of cost, within the site	Tender condition prevails

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		per availability)	premises. However, cost of construction of labour colony will be borne by us.	
21	Cl.8.3. of TCC	New Taxes / Levies	In case any New Taxes / Levies is imposed after the due date of submission of tender, the same shall be reimbursed by BHEL. Please confirm. Further, in case of any variation in the existing tax structure, i.e. increase / decrease of existing taxes, the same shall be reimbursed to us at actuals.	Bidders are requested to refer "Chapter-VIII: Taxes and Other Duties" of Vol-IA TCC.
22	General	Tender Drawings	Kindly provide GA and sectional drawings (For Tender Purpose) for all the structures under the scope of this contract.	It shall be provided during execution.

BB) Amendments in BOQ Description:

Description of Following items of "Chapter XI BOQ & Percentage Weightages-1535" have been amended as below:

BOQ Item No.	Existing Description	Now Amended As:
701	Supply, fabricating and fixing of mild steel embedment, inserts, pipe sleeves, angle pieces, rungs of various diameters, plates of dimensions as required etc. Including welding, bolting, cutting, drilling, scaffolding, setting etc. all complete.	Supply, fabricating and fixing of mild steel embedment, inserts, pipe sleeves, Channels, beams, angle pieces, rungs of various diameters, plates of dimensions as required etc. Including welding, bolting, cutting, drilling, scaffolding, setting etc. all complete.
A1601	Providing and fixing Moisture and fire resistant glass fibre reinforced gypsum plaster board (GRG) ceiling (having gypsum core mixed with glass fibre) system consisting of metal supporting grid system forming panels of specified size, suspended from RCC slab/structural steel or catwalkway grid above with 4 mm (minimum) galvanized wires (rods) with	Providing and fixing Moisture and fire resistant glass fibre reinforced gypsum plaster board (GRG) ceiling (having gypsum core mixed with glass fibre) system consisting of metal supporting grid system forming panels of specified size, suspended from RCC slab/structural steel or catwalkway grid above with 4 mm (minimum) galvanized wires (rods) with special height adjustment clips, including

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BOQ Item No.	Existing Description	Now Amended As:
	special height adjustment clips, including preparation of working drawing, providing openings for AC ducts, return air grills, light fixtures etc (but excluding the cost of catwalkway grid) all complete as per drawings, specification and instructions of the engineer.	preparation of working drawing, providing openings for AC ducts, return air grills, light fixtures etc. all complete as per drawings, specification and instructions of the engineer. (Materials for structural platform/Catwalkway grid made up of MS Channels/ Beams / Angles shall be supplied by BHEL and shall be paid under ST No 702).
1603	Providing and fixing permanently colour coated aluminium false ceiling of approved colour and Luxalon 84 C or approved equivalent with corrosion resistant aluminium alloy panels of minimum thickness 0.5mm including 50mm thick mineral wool insulation(density 48 kg/cum) conforming to IS:8183 bound in polythene bags on top of panels. Additional hangers and height adjustment clips shall be provided for return air grills, light fixtures, A.C. ducts etc all complete. Suitable M.S. channel grid with minimum MC 75 shall also be provided above the false ceiling level for movement of personnel to facilitate maintenance of lighting fixtures, AC ducts etc. (Materials for structural platform grid made up of MS Channels/ Beams / Angles shall be supplied by BHEL and shall be paid under ST No 2301)	Providing and fixing permanently colour coated aluminium false ceiling of approved colour and Luxalon 84 C or approved equivalent with corrosion resistant aluminium alloy panels of minimum thickness 0.5mm including 50mm thick mineral wool insulation(density 48 kg/cum) conforming to IS:8183 bound in polythene bags on top of panels. Additional hangers and height adjustment clips shall be provided for return air grills, light fixtures, A.C. ducts etc all complete. Suitable M.S. channel grid with minimum MC 75 shall also be provided above the false ceiling level for movement of personnel to facilitate maintenance of lighting fixtures, AC ducts etc. (Materials for structural platform/Catwalkway grid made up of MS Channels/ Beams / Angles shall be supplied by BHEL and shall be paid under ST No 702)
A1606	Providing and Fixing CALCIUM Silicate Board/Tiles in false ceiling of HILUX or AEROLITE or equivalent consisting of metal supporting grid system forming panels of specified size, suspended from RCC slab/structural steel or catwalkway grid above with 4 mm (minimum) galvanized wires (rods) with special height adjustment clips, including preparation of working drawing, providing openings for AC ducts, return air grills, light fixtures etc (but excluding	Providing and Fixing CALCIUM Silicate Board/Tiles in false ceiling of HILUX or AEROLITE or equivalent consisting of metal supporting grid system forming panels of specified size, suspended from RCC slab/structural steel or catwalkway grid above with 4 mm (minimum) galvanized wires (rods) with special height adjustment clips, including preparation of working drawing, providing openings for AC ducts, return air grills, light fixtures etc. all complete as per drawings, specification and instructions of the engineer.

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BOQ Item No.	Existing Description	Now Amended As:
	the cost of catwalkway grid) all complete as per drawings, specification and instructions of the engineer.	(Materials for structural platform/Catwalkway grid made up of MS Channels/ Beams / Angles shall be supplied by BHEL and shall be paid under ST No 702).

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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-03: Clarification T. S. No -1532)" against NIT-24473 in BHEL web page (www.bhel.com→Tender Notifications → View Corrigendum).

Thanking you,

Yours faithfully,

AGM (PUR)