

Ref: BHE/PW/PUR/TLRPT-LABOUR-COLONY/2706 /Corr-03/Clarifications

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To
 ALL BIDDERS

Sub: Corrigendum-03: Clarifications to bidder's queries

Job: Designing, Manufacturing, Supply, Packing, Loading, Transportation, Unloading, Installing and Commissioning the Pre-Fabricated Portable, Detachable, Pre Engineered labour / staff sheds as Per Layout Including Foundations, Substructures and Super Structures and All Finishing, internal roads, water supply arrangements, sanitation arrangements, fencing with gates, arrangement of guard(s) for one year, maintenance for one year Complete in all respects at 2X660MW NTPC TALCHER TPS PROJECT, Odisha

Tender Specification Number: BHE/PW/PUR/TLRPT-LABOUR-COLONY/2706

Bidders to kindly take note of the following:

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AA) Clarifications to Bidder's queries

Sr. No.	Reference Clause of Chapter II:Scope of Work	Description	Query	Clarification
1	Page-53, Point 2.2 under Detailed Scope of Works	Removal of existing rubbish and disposal within a lead of 1 km as directed by BHEL engineer	Can we visit the allocated area for Labour Colony at TPS Talcher to assess the existing rubbish for disposal?	Bidders are requested to have pre-bid visit/ inspection of site to make them fully acquainted with the site situation & nature of job
2	Page-53, Point 2.6 under Detailed Scope of Works	Roofing with pre-fabricated insulated metal sandwich panel with color shade RAL 5012	What will be the Thickness of Puff Panel for Roof?	Thickness of Metal Sandwich Panel has to be designed by bidder to suit the weather conditions.

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Sr. No.	Reference Clause of Chapter II:Scope of Work	Description	Query	Clarification
3	Page-53, Point 2.7 under Detailed Scope of Works	Structural steel frame with suitable MS rolled section as columns as per approved detailed drawing, roof truss to suit the roofing and false ceiling work mention in 2.6	Is false ceiling required? Which kind of False Ceiling is to be considered?	False ceiling is not required
4	Page-53, 54, Point 2.10 under Detailed Scope of Works	Kitchen set-ups, wash areas and toilets with brickwork and metal sheet roofing as per tender drawing. All supply, sanitary and drainage piping and fixtures including W/Cs-(Orissa pan); wash basins, toilet and w/c area with neat cement finish on walls up to 3 feet as dado and neat cement finish with 300x300 mm grove cutting as flooring.	The wall system mentioned is 75 mm Aerocon Panel. Will Brick Wall be applicable for entire area of Toilet Blocks?	Toilet blocks shall be of brick masonry with neat cement plaster
5	Page-54, Point 2.12 under Detailed Scope of Works	Complete indoor /outdoor electrification including cabling, switch-boards, MCBs LCBs, distribution panels, modular switches, fans with regulators, LED lights with holders including area lighting.	Distance of Electric Sub Station from Labour Colony for calculation of main cable?	Obtaining electricity connection of suitable capacity from local electricity boards/authorities including supply and installation of transformer(s) with all statutory compliances is in bidder's scope. Hence for substation, suitable safe distance has to be maintained from colony.

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Sr. No.	Reference Clause of Chapter II:Scope of Work	Description	Query	Clarification
6	Page-54, Point 2.13 under Detailed Scope of Works	Design, supply, erection and commissioning of air cooling system with air cooling machine as per layout shown in tender drawing with GI ducts and louvers at 2 metres interval in each room/dormitory to maintain temperature for human body comfort in dormitories in summer	Air Washer System shall be designed as per Site Temperature and Humidity data.	Bidder to Design & Supply suitable air cooling system (air cooler/air washer) of suitable capacity
7	Page-54, Point 2.14 under Detailed Scope of Works	Obtaining electricity connection of suitable capacity from local electricity boards/authorities including supply and installation of transformer(s) with all statutory compliances. BHEL shall allot the land.	Is the Supply and Installation of transformer is in Bidder's Scope?	Yes.
8	Page-54, Point 2.15 under Detailed Scope of Works	Obtaining water connection from local municipal/private suppliers with 60 Ltr per head per day consumption capacity for 500 workers or providing suitable capacity bore well with submergeble pump of sufficient capacity.	Location of Bore well with submersible pump? Is a pump room also required?	Bore well with suitable capacity of submergeble pump has to be provided at suitable location. Pump room is not required.
9	Page-54, Clause no. 2.2.1	All design work of prefabricated sheds shall have to be vetted by civil design agency of repute/ Civil Engineering department of reputed engineering college like IITs. Which shall be submitted to BHEL's approval.	The design shall be approved by BHEL and vetted by IIT or vice versa?	Tender clause 2.2.1 is clear.

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Sr. No.	Reference Clause of Chapter II:Scope of Work	Description	Query	Clarification
10	Page-59, Point 8	Overhead water tank: - Separate RCC foundation and structure steel elevated platform shall be designed for 2000 liters PVC tank for each toilet and 1000 liters PVC tanks for kitchen and wash areas. Bidder to design it completely including supply and distribution piping.	2000 ltrs for each toilet block or toilet?	2000 Ltr capacity tank for each toilet block shall be required.
11	Page-59, Point 11	Plaster and painting: - To be provided on all brickwork surfaces with 12 mm thickness 1:4 cement mortar	Required more Information for Painting i.e type of paint / putty and number of coats	Providing and applying two or more coats of waterproof external quality acrylic based emulsion paint of reputed brand and manufacturer as per approved shade, over one or more coat of primer after necessary cleaning/ washing, preparing the surface using coir brush/ wire brush, sand paper, including filling of cracks. with out putty
12	Page-59, Point 13	Roads: - Roads shall be 4 meters wide for colony and meters at entry of colony as shown in diagram-2. Roads shall be 100 mm thick PCC 1:2:4 over 250 mm thick WBM. Road at colony entry shall be 6 meters wide and slope to provide to match smooth gradient with existing road.	Length of 6M Wide Road for calculation purpose? Also the Level of existing road to match the gradient.	Approx. length of 6 m road shall be 500 Mtr. Bidder to visit the site to assess the actual site conditions.

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Sr. No.	Reference Clause of Chapter II:Scope of Work	Description	Query	Clarification
13	Page-59, Point 14	Drains: - RCC drains with single mat reinforcement 10 mm dia to be provided with raft thickness varying from 100 mm to 150 mm and wall thickness varying from 100 mm to 125 mm up to entry gate near outfall drain. Initial section for drain can be taken as 400 mm wide and 500 mm deep and section can be increased up to 550 mm wide and 750 mm deep at entry gate and slope to be designed by the bidder.	Distance from labour colony from Main Sewerage line for calculation of slope and cost?	Bidder to visit the site to assess the actual site conditions.
14		Furniture is mentioned in the Tender Drawings.	Quantification and type of Furniture of calculation purpose?	Furniture supply is not included in this tender scope.
15	Page-54, Point 2.16 under Detailed Scope of Works	Maintenance for a period of ONE YEAR with weekly thorough housekeeping and cleaning. Mosquito and insect repellent fogging twice a week.	Who will cover the sabotage / damage done by Labours of the various items like Electrical, Fittings etc. ?	General housekeeping/maintenance is to be done by bidder. Bidder shall not be responsible for sabotage / damage done by Labours

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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/ digitally signed.

This letter is hosted as file titled "Corrigendum-03 Clarifications" against NIT-2706 on e-Procurement Portal of BHEL i.e. <https://eprocurebhel.co.in>.

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BIDDERS WHO HAVE ALREADY SUBMITTED THEIR OFFERS PRIOR TO ISSUANCE OF THIS CORRIGENDUM IN E-TENDER PORTAL ARE REQUIRED TO RE-SUBMIT THEIR OFFER AFTER TAKING COGNIZANCE OF THIS CORRIGENDUM.

Thanking you,
Yours Sincerely,

GM (Purchase)