

Ref: BHE/PW/PUR/NST-STG/1385-86-87/Clarification-09

Date 16/04/2015

To

ALL BIDDERS

Sub: CORRIGENDUM -09: Clarification

JOB: RECEIPT OF MATERIALS FROM BHEL / CUSTOMER STORES / STORAGE YARD, HANDLING AT STORES/STORAGE YARD, SITE OF WORK, TRANSPORTATION TO SITE OF WORK, ERECTION, TESTING, ASSISTANCES FOR COMMISSIONING, INSULATION, FINAL PAINTING, TRIAL OPERATION AND HANDING OVER OF **STEAM TURBINE**, TURBO-GENERATOR, CONDENSER AND ASSOCIATED AUXILIARIES ETC INCLUDING BOUGHT OUT ITEMS OF 5X270 MW THERMAL POWER PLANT **INDIA BULLS NASIK PHASE I UNIT 3, 4 & 5** AT SPECIAL ECONOMIC ZONE INDIA BULLS REAL TECH LTD SINNAR DISTRICT- NASIK, MAHARASHTRA.

Tender Specification Nos	Unit No
BHE/PW/PUR/NST-STG U -3/1385	Unit # 3
BHE/PW/PUR/NST-STG U -4/1386	Unit # 4
BHE/PW/PUR/NST-STG U -5/1387	Unit # 5

Bidders to kindly take note of the following:

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AA) Clarification to the Queries of Bidder

Sl No.	Bidder's Query	BHEL's clarification
1.	We assumed that erection of deaerator is not envisaged in the scope of TG erection contractor.	Deaerator is not in the scope of subject tender.
2.	Final painting including supply is included in the scope of bidder, but we have not found painting scheme (Refer TCC, Annexure II) for TG area along with your NIT. Kindly furnish the same for our study before submission of bid.	Painting scheme is attached as Annexure-I to Corrigendum-09
3.	Whether GRE / FRP lining is required for condenser water side and its associated auxiliaries OR Not. If required, what is the area of GRE paint/FRP lining?	Not Required
4.	Kindly furnish the weight details of Thermal insulation , Strand jack structure and acoustic enclosure for STG & CO2 Storage area.	Thermal insulation- Approx. 40 MT Strand jack structure – Approx. 250 MT Also please refer clause no 16.1 of Chapter-XVII of TCC Acoustic enclosure – as per standard 250/270 MW BHEL unit (Approx. weight 16 MT)
5.	Whether preparation of civil foundation for Strand jack system installation and piling works are included in the scope of TG erection contractor or not.	Not in the scope of subject tender

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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-09 (Clarification-1385-86-87)" against NIT-21080 in BHEL web page (www.bhel.com→Tender Notifications → View Corrigendum).

Thanking you,

Yours faithfully,

AGM (Purchase)

TECHNICAL CONDITIONS OF CONTRACT (TCC)
Annexure-I to Corrigendum-09
PROPOSED PAINTING SCHEME FOR TG AREA

PROPOSED PAINTING SCHEME FOR TG AREA

S N	AREA / DESCRIPTION	COLOUR	IS SPECIFICATION
1	A) HANGER SUPPORTS, B) PLATFORMS C) STAIR SIDE CHANNEL D) TG STRUCTURE, E) ELECTRIC HOIST & CHAIN PULLEY BLOCK STRUCTURE, F) FLOOR BEAMS. G) GALLERIES H) MANUAL DOORS	SMOKE GREY	SYNTHETIC ENAMEL AS PER IS:2932
2	A) FLOOR GRILLS, B) HANGERS, HANGER RODS C) SUSPENSION RODS, D) STAIR CASE STEP TREADS.	BLACK	SYNTHETIC ENAMEL AS PER IS:2932
3	A) TG LUB OIL PIPING	GOLDEN BROWN	SYNTHETIC ENAMEL AS PER IS:2932
4	A) COOLING WATER PIPING B) AUX COOLING WATER PIPING C) LP PIPING DRAINS D) CONDENSATE PIPING	SEA GREEN	SYNTHETIC ENAMEL AS PER IS:2932
5	A) HAND RAILS AND POSTS B) CHUTE PIPE C) LADDER D) ELECTRICAL AND MECHANICAL HOISTS E) MONORAIL BEAMS	GOLDEN YELLOW	SYNTHETIC ENAMEL AS PER IS:2932
6	TOE GUARD PLATE	POST OFFICE RED	SYNTHETIC ENAMEL AS PER IS:2932
7	A) SILENCERS FOR SAFETY VALVES B) INSTRUMENT TAPPING POINTS ON STEAM LINES	HEAT RESISTENT ALUMINIUM	IS13183 Gr-I
8	STEAM PIPING (BAND - EACH 5MTR)	POST OFFICE RED	SYNTHETIC ENAMEL AS PER IS:2932
9	EQUIPMENT(PUMPS, OIL COOLERS, EXHAUST FANS, HT & LT MOTORS, BFP HYD COUPLING, VALVES, ACTUATORS ETC) AND PANELS.	EXISTING MFG UNIT COLOUR	SYNTHETIC ENAMEL AS PER IS:2932
10	PANELS (TOUCH UP PAINTING)	EXISTING MFG UNIT COLOUR	SYNTHETIC ENAMEL AS PER IS:2933
11	A) CONDENSER AIR EVACUATION PIPING B) INSTRUMENT AIR PIPING C) SERVICE AIR PIPING	SKY BLUE	SYNTHETIC ENAMEL AS PER IS:2932
12	FIRE FIGHTING	FIRE RED	SYNTHETIC ENAMEL AS PER IS:2932
13	LP TURBINE	BOTTLE GREEN	SYNTHETIC ENAMEL AS PER IS:2932
14	GENERATOR	ORANGE	SYNTHETIC ENAMEL AS PER IS:2932

TECHNICAL CONDITIONS OF CONTRACT (TCC)
Annexure-I to Corrigendum-09
PROPOSED PAINTING SCHEME FOR TG AREA

15	EXCITER	ORANGE	SYNTHETIC ENAMEL AS PER IS:2932
16	TG LUB OIL TANK AND PIPING	GOLDEN BROWN	SYNTHETIC ENAMEL AS PER IS:2932
17	CONDENSER	BOTTLE GREEN	SYNTHETIC ENAMEL AS PER IS:2932
18	LEGEND IN BLOCK LETTER OVER GOLDEN YELLOW BACKGROUND	BLACK	SYNTHETIC ENAMEL AS PER IS:2932

NOTE:

- Painting scheme is enclosed for information purpose only. However, for execution only the latest document shall be applicable and no claim whatsoever shall be entertained in case of any variance between such documents

भारत हेवी इलेक्ट्रिकल्स लिमिटेड
(सार्वजनिक क्षेत्र का उपक्रम)
Bharat Heavy Electricals Limited
(A Public Sector Undertaking)



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