

Ref: BHE/PW/PUR/SOLT-ESP U-1&2 /1101 &1102/Corrigendum 02

Date 04/03/2013

-----Page 1 of 2-----

To

ALL BIDDERS

**Sub: Corrigendum -02 for Issue of Clarifications & Time extension**

**JOB:** COLLECTION OF MATERIALS FROM BHEL/ CLIENT'S STORES/ STORAGE YARD, TRANSPORTATION TO SITE OF WORK/PRE-ASSEMBLY YARD, ERECTION, TESTING, ASSISTANCE FOR COMMISSIONING & TRIAL OPERATION, HANDING OVER OF **ESP PACKAGE** INCLUDING, INSULATION, FINAL PAINTING ETC OF ESP PACKAGE FOR **2X660 MW NTPC SOLAPUR** SUPER THERMAL POWER PROJECT AT VILLAGE FATATEWADI, Post-HOTGI STATION TAL. SOUTH SOLAPUR, DIST. SOLAPUR, MAHARASHTRA.

**Tender Specification No: BHE/PW/PUR/SOLT - ESP U 1/1101 (For Unit # 1 ESP)  
BHE/PW/PUR/SOLT - ESP U 2/1102 (For Unit # 2 ESP)**

Bidders to kindly take note of the following:

**AA) Clarification to the Queries of Bidder**

Sl. No	Reference clause of Tender Document	Existing provision	Bidder's Query	BHEL clarification
1	Sr. no. 1 & 2 on page 41 – T&P's to be deployed by BHEL of TCC	Crane Operator for BHEL owned crane / hiring basis will be provided by BHEL / hire agency	Please confirm that operator is provided free of cost or on chargeable basis. If on chargeable, pl. confirm monthly charges.	Crane Operator for BHEL owned crane / hiring basis will be provided by BHEL / hire agency
2	Sr. No. 4 of clause 2 on page 30 & sr. no. 1, 2, 3 & 5 on page 49 and cl. 9.24 on page 58 of TCC	E&C work of electrical and C&I items, sub delivery items, cable trays, cables, control panels, EPMS, MCC under scope of contractor	Please indicate the approximate size wise length of cable and length of cable trays	Tentative details of cables are being attached as annexure 1. However E&C of all associated items under scope of Supply of BHEL shall be under scope of contractor.  Tentative Cable trays sizes will be as 600/450/300/150mm. Length of each tray will be 2.5 mts. Tentative cable tray routing drawing is being attached for reference. Actual drawing shall be released during execution.
3	Clause 9.35 on page 59 Line 2 of TCC	For T-91 material site weld joints ..... arranged and used by contractor	Please clarify in which area T-91 material joint are required?	We are not envisaging T-91 joints. However during erection, straight trays may be required to be modified suitably based on site condition if reqd.

Ref: BHE/PW/PUR/SOLT-ESP U-1&2 /1101 &1102/Corrigendum 02

Date 04/03/2013

-----Page 2 of 2-----

Sl. No	Reference clause of Tender Document	Existing provision	Bidder's Query	BHEL clarification
4	Clause 13.3.7 on page 69 of TCC	100% radiograph of certain sizes in piping ..... Standards / drawings	Please confirm the scope of piping work as the same has not been indicated in the price bid/ tender.	Major piping involved is for water wash line, Roof drains, transfer oil drainage etc.
5	Clause 14.1.3 of Technical conditions of Contract	In case cable trays are required to be fabricated from structural steel and installed, unit rate applicable for fabrication and installation of structural steel shall be applicable in such instance.	As there is no item fabrication and installation of structure steel in the price bid. Please confirm which rate shall be applicable?	No separate rate shall be paid for fabrication; however erection payment shall be made as per rate finalized for ESP Erection.
6	Clause 10.2.8 on page 63 and clause 10.3 (c) of Technical conditions of Contract	The Contractor shall also install additional platforms of permanent nature for approaching different equipment as per the site requirement and to meet O&M requirements, though these may not indicated in the erection drawings.	As there is no item for structure in price bid, please clarify which rate shall be applicable	
7	Clause 14.4.2 of Technical conditions of Contract	<u>Installation of panels</u> In certain case where canopies are not supplied but have to be fabricated out of MS sheets provided by BHEL, payment will be done on square meter basis.	As there is no item for MS sheet fabrication in price bid, please clarify.	No separate rate shall be paid for fabrication; however erection payment shall be made as per rate finalized for ESP Erection.  The line "Payment will be done on square meter basis" may pls be treated as deleted.
8	Cl. No. 4.1.4 of Special Conditions of Contract	TIG Filler wire for Boiler and Filler wires for Electrodes for P91/T91 piping	Refer heading, please clarify.	The heading should be read as ' TIG filler wire and electrodes for P-91 / T-91 welding'

Ref: BHE/PW/PUR/SOLT-ESP U-1&2 /1101 &1102/Corrigendum 02

Date 04/03/2013

-----Page 3 of 2-----

9	Cl. No. 4.2.2.9 of Special Conditions of Contract	If the consolidation/backfilling is not completed at construction site, the necessary arrangement shall be made by contractor at his cost to carry out the works.	Please confirm the approx. area which the contractor has to back fill and consolidated so that proper costing could be done.	Tender conditions are clear. Bidder requested to visit the site and assess.
---	---	---	--	---

**BB) EXTENSION of LAST DATE:**

The last date for submission of Tender has been re scheduled to 07/03/2013, 15.00 hrs. Technical Bid shall be opened on 07/03/2013 at 16.00 hrs

=====

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-02" against NIT\_13595 in BHEL web page ([www.bhel.com](http://www.bhel.com)→Tender Notifications → View Corrigendum).

Thanking you,  
Yours faithfully,

AGM (Purchase)

## Annexure- I

T.SNo. BHE/PW/PUR/SOLT - ESP U 1/1101 (For Unit # 1 ESP)  
BHE/PW/PUR/SOLT - ESP U 2/1102 (For Unit # 2 ESP)

### Tentative Details of Cables (Per Unit)

#### A. PVC Unarmored Power cable

SL No.	Description	Approx Qty Per Set (In Meters)
1	2C-120 SQMM AL. Cable	90000
2	3C- 70 SQMM AL. Cable	5500
3	3C - 16 SQMM AL. Cable	46000
4	2C – 2.5 SQMM Copper Cable	10000
5	3C – 2.5 SQMM Copper Cable	95000

#### B. PVC Unarmored Control cable

SL No.	Description	Approx Qty Per Set (In Meters)
1	12C - 1.5 SQMM Annealed Bare CU. Cable	95000