

Ref: BHE/PW/PUR/KRST1-CRH/1265/Corrigendum-02

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To

ALL BIDDERS

**Sub:** Corrigendum -02 Issue of Clarification/Amendment

**JOB: PROVIDING SERVICES OF TOWER CRANE ON MONTHLY HIRING BASIS FOR RENOVATION & RETROFITTING OF EXISTING ELECTROSTATIC PRECIPITATORS & DUCTS WORK AT STAGE- I&II (3x 200 MW + 3x500 MW) NTPC, KORBA SUPER THERMAL POWER STATION**

**Tender Specification Number: BHE/PW/PUR/KRST1-CRH/1265**

Bidders to kindly take note of the following:

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**AA) Issue of Clarification.**

**QUERY 1:** Refer TECHNICAL REQUIREMENT (S. NO. 2- CRANE VERSION) - Currently mentioned in tender as "Stationary on Foundation anchors". There are multiple ESPs that the tower cranes will be working on. As a result, the cranes shall have to be shifted from one ESP to another. With a stationary crane on foundation anchors, the foundation shall be needed to be built at each location where the shifting shall be done. To avoid this cumbersome and costly exercise and also to save time, "Tower Cranes on CROSS BASE" is recommended. The cross base is a factory fitted structure which can be unfolded at site and the tower crane can be bolted and assembled on top of it. This eliminates the need to create a foundation for multiple locations at site where the crane shall be installed. It shall only need to fabricate the ballast weights (once) in accordance with the specifications.

**CLARIFICATION 1:** Recommendation of bidder is noted. The suitability of Tower Cranes on CROSS BASE" is to be assessed by the bidder as per site condition. The bidder is advised to visit and examine the site of works and its surroundings. Thereby the relevant tender condition is amended as below:-

Clause reference	As per T.S. No. BHE/PW/PUR/KRST1-CRH/1265	Amended as
S.No.2 "CRANE VERSION" of Clause no.1.1 'Technical Requirement & Duration of deployment' in TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA	Stationary on foundation anchors. Detail Foundation design & drawings and other technical inputs shall be furnished by the vendor to BHEL for providing foundation. Vendor's engineer shall certify the adequacy of foundation before assembling of the crane.	Stationary on foundation anchors/ Cross Base as suited to site condition. Detail Foundation design, drawings and other technical inputs shall be furnished by the vendor for foundation. Vendor's engineer shall certify the adequacy of foundation before assembling of the crane. The bidder is advised to visit and examine the site of works and its surroundings.

**QUERY 2:** Refer TECHNICAL REQUIREMENT (S. NO. 8 TOWER TYPE) - Currently mentioned in tender as "Self telescoping type Tower with hydraulic climbing facility". There is a space constraint at Korba site specially for some ESPs. So it is recommended to hire at least one "FLAT TOP TOWER CRANE". The flat top tower crane does not need a tie bar to be attached and also the jib can be assembled at aerial level with the help of a suitable capacity mobile crane.

**CLARIFICATION 2:** Recommendation of "FLAT TOP TOWER CRANE" is noted and the amendment to the clause is as below:-

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Clause reference	As per T.S. No. BHE/PW/PUR/KRST1-CRH/1265	Amended as
S.No.8 "TOWER TYPE" of Clause no.1.1 'Technical Requirement & Duration of deployment' in 'TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA'	Self-telescoping type tower with hydraulic climbing facility	Self-telescoping type tower with hydraulic climbing facility or Flat top tower crane to suit the site work condition.

**QUERY 3:** Refer TECHNICAL REQUIREMENT (S. NO. 13 ELECTRICAL POWER REQUIREMENT) - BHEL shall provide the connections/cablings of suitable capacity as advised by successful bidder upto the main power board of the tower cranes.

**CLARIFICATION 3:** Representation of bidder is noted. The clarification/amendment to the clause is as follows:-

Clause reference	As per T.S. No. BHE/PW/PUR/KRST1-CRH/1265	Clarified/Amended as
S.No.13 "ELECTRICAL POWER REQUIREMENT TO OPERATE THE CRANE" of Clause no.1.1 'Technical Requirement & Duration of deployment' in 'TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA'	Bidder shall clearly indicate electrical power requirement to operate the crane which shall be provided by BHEL on free of charge basis.	Bidder shall clearly indicate electrical power requirement to operate the crane which shall be provided by BHEL on free of charge basis. Single point to be provided by BHEL near to crane location.

**QUERY 4:** Refer SPECIAL CONDITIONS OF CONTRACT (CLAUSE 10.3) - Related to "progressive monthly hiring period". The hiring period should be considered for payment purpose from the date of successful load testing of the crane at site and till the crane is completely withdrawn from the site (demobilisation). The crane hiring charges should continue for the intermediate period during which the crane is being shifted from one location within the site to another.

**CLARIFICATION 4:** Recommendation of bidder is noted. The clarification/amendment to the clause is as follows:-

Clause reference	As per T.S. No. BHE/PW/PUR/KRST1-CRH/1265	Clarified/Amended as
Clause.No.10.3 of 'SPECIAL CONDITIONS OF CONTRACT (SCC)- PART OF VOLUME-IA'	Progressive Monthly hiring period shall be considered for payment purpose from the date of successful load testing of the crane and till the crane withdrawn for de-mobilization at one particular point. The next hiring charges will again start from the date of successful load testing of crane at new location till further withdrawal & so on. The intermediate period will be accounted against mobilization/demobilization, local shifting etc. which shall be paid separately under relevant item in BOQ and as mentioned under Section A of SCC clause No. 1.1 point no. 22.	Progressive Monthly hiring period shall be considered for payment purpose from the date of successful load testing of the crane and till the crane withdrawn for de-mobilization from the site. Mobilization/demobilization, local shifting etc. which shall be paid separately under relevant item in 'Volume-II Price Bid' and as mentioned under Section A of SCC clause No. 1.1 point no. 22

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**QUERY 5:** Refer SPECIAL CONDITIONS OF CONTRACT (CLAUSE 5) - Currently mentioned in tender as "The crane must be in the possession of the bidder". We understand that the urgency is for deployment of first tower crane & the second tower crane will be needed later. Kindly relax the criteria of currently having possession of BOTH cranes.

**CLARIFICATION 5:** Request of bidder is noted. The clarification/amendment to the clause is as follows:-

Clause reference	As per T.S. No. BHE/PW/PUR/KRST1-CRH/1265	Clarified/Amended as
Point no. 5 of Clause.No.1.2 "General Requirements" of 'SPECIAL CONDITIONS OF CONTRACT (SCC)- PART OF VOLUME-IA'	THE CRANE MUST BE IN THE POSSESSION OF BIDDER. The manufacturing year of Cranes should not be more than 10 years as on the date of deployment. If at any moment of time during the execution of work, any crane is found to be not in a good working condition and non-performing at desired minimum capacity, as certified by BHEL engineer, the contractor shall deploy another crane in good working condition with minimum desired capacity.	THE CRANE MUST BE IN THE POSSESSION OF BIDDER <u>AT LEAST FOR FIRST CRANE</u> . The manufacturing year of Cranes should not be more than 10 years as on the date of deployment. If at any moment of time during the execution of work, any crane is found to be not in a good working condition and non-performing at desired minimum capacity, as certified by BHEL engineer, the contractor shall deploy another crane in good working condition with minimum desired capacity.

**Note:-** In case, bidder participates for both the cranes (Crane-01 & Crane-02) and the cranes offered for Crane-01 & Crane-02 are technically acceptable to BHEL, then bidder is eligible for award of both Crane-01 & Crane-02.

In case bidder has two or more technically accepted cranes under its possession, then Crane-01 & Crane-02 shall be awarded to the bidder.

In case, bidder has only one technically accepted crane under its possession, then same shall be considered for award of Crane-01. Crane-02 shall be awarded subject to producing the relevant documentary evidence towards the purchase of technically accepted crane offered for Crane-02 within 30 days from the date of order of Crane-01. In case, bidder fails to submit the stated documentary evidence, BHEL at its discretion may opt to exercise point no. 4(c) of clause no.29 under 'SPECIAL CONDITIONS OF CONTRACT (SCC)- PART OF VOLUME-IA' for award of Crane-02.

Above is subject of acceptance of the price of the bidder by BHEL.

### **BB) Revised duration of contract**

Clause reference	As per T.S. No. BHE/PW/PUR/KRST1-CRH/1265	Amended as
S.No.18 "Duration of Hiring" of Clause no.1.1 'Technical Requirement & Duration of deployment' in 'TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA'	Regular Duration: 24 (Twenty Four) months, Extendable by another 3 (three) months under the contractually agreed rate, terms & conditions.	Regular Duration: <b>14 (Fourteen)</b> months, Extendable by another 3 (three) months under the contractually agreed rate, terms & conditions.

**Note:-** Clauses pertaining to contract duration mentioned elsewhere in the tender specification (viz Point 3 of Clause No. 1.2 'General Requirements' in 'SPECIAL CONDITIONS OF CONTRACT (SCC)- PART OF VOLUME-IA' etc.) shall also be read in accordance with amendment in 'BB' above.

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### **CC) Revised Price Bid (Rev:01)**

In view of 'BB' above, PRICE BID: VOLUME-II specification has been **revised and uploaded as file titled "Price Bid-Vol-II-Rev-01-1265 dated 26/05/2014"**.

**Bidders may kindly note that, price bid is required to be submitted in the Revised format.**

**In case any bidder submit their price bid in old format, then Monthly Rate quoted by the party in old format shall be considered and total price shall be calculated by BHEL based on the quantities/duration indicated in revised price bid format 'Price Bid-Vol-II-Rev-01-1265 dated 26/05/2014'.**

### **DD) Correction in typographical errors**

Certain typographical errors have been noticed in the Technical Bid: Volume-I of tender. Refer table of Clause no.1.1 'Technical Requirement & Duration of deployment' in 'TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA'. The corrections are as follows:-

Clause reference	As per T.S. No. BHE/PW/PUR/KRST1-CRH/1265	To be read as
S.No.21	Monthly hiring charges (considering cost of foundation for Tower crane) = 30 daysX12hrs.	Monthly hiring charges (considering cost of foundation for Tower crane).
S.No.22	Dismantling, local shifting and re-erection at different location at site (per shifting). Local shifting may be within the periphery of 300M from 1st location inside the project.	Dismantling, local shifting and re-erection at different location at site in between stage I&II (per shifting).

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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 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-17642 in BHEL web page (www.bhel.com→Tender Notifications → View Corrigendum).

Thanking you,  
Yours faithfully,

**AGM (Purchase)**

**Encl:- Price Bid-Vol-II-Rev-01-1265**