

पावर सेक्टर- पश्चिमी क्षेत्र Power Sector-Western Region
श्रीमोहिनी कॉम्प्लेक्स, 345 किंग्सवे, नागपुर Shreemohini complex, 345 Kingsway Nagpur - 440 001
फोन / Phone 0712- 3048600, फैक्स FAX: 0712- 3048699 www.bhelpswr.co.in

Ref: BHE/PW/PUR/KHARGONE WIS/1311 /Corrigendum 01

Date 22/10/2014

To

ALL BIDDERS

Sub: Corrigendum-01: Out-come of Pre Bid Discussions held on 13/10/2014.

JOB: DESIGN, ENGINEERING, SUPPLY, AND EXECUTION OF CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS FOR CONSTRUCTION OF RIVER WATER INTAKE SYSTEM FOR UPCOMING 2X660 MW NTPC KHARGONE PROJECT .

Tender specification number: BHE/PW/PUR/KHARGONE WIS/1311

As per the schedule, Pre-bid discussions of the subject tender. Clarification sought by the prospective bidders during the meeting and the BHEL reply to them are as below:

AA) Brief of Discussions during Pre-bid meeting held on 13/10/2014

Sr. No,	Reference clause of tender document	Clause / Title	Bidder's query	BHEL's Clarification
A	TECHNICAL QUERIES			
1.	Volume-1-a (TCC) Technical specification, Page No. 42/56	Data for design for intake well	As per technical specification (TCC) and ANNEXURE-II Layout of intake pump house the maximum water level is 199.62 M but in ANNEXURE-I Hydrographic survey of intake pump house, c/s 5(E-EI) maximum water level is mentioned as 202.0 M which are contradictory. Please clarify.	Please note that Intake pump house drawing furnished is indicative and for reference only, Bidder to refer complete specification and stringent requirement/condition to be followed. However Pump operating floor level to be atleast 1m above Max water level.
2.			As per ANNEXURE II- Layout of intake pump house drawing the top level of raft of well is mentioned as 190.0 m and as per ANNEXURE-I Hydrographic survey of intake pump house, C/S 5 (E-EI) the bed level is mentioned as 181.376 M which is contradictory, please clarify.	
3.	ANNEXURE-II Layout of intake pump house drawing	GAD of intake water pump house	The projected portion of the slab over the intake well for pump house shall be allowed as cantilever instead of	Bidder to refer complete specification and design structure meeting the specification requirements.

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			supporting with column founding from the river bed outside the well.	
4.	Sec-C, Part I, ANNEUXRE-III	Site Facilities on the river bank	We request you to provide us the co-ordinates of the various buildings like switch gear, control room, battery room etc. Also furnish us the functions, cross-sectional details, no of storeys and the design load and layout of electromechanical equipments for all buildings/ structures.	Please refer area marked as area of land acquisition for muw facilities (100 m X 75 m) under annex-V of specification for co-ordinates.
5.	CI No. 6.0 , Sec-C, Part I, Page 129/393	Design Load	Please provide us the loading (Static & Dynamic) of Pumps and data sheet for the same above intake well.	Static Load of each Pump : 8 Ton Approx. Dynamic Load of each Pump : 12 Ton Approx.
6.	CI No. 6.0 , Sec-C, Part I, Page 129/393	Design Load	Please provide us the capacity of crane and data sheet for intake water pump house.	Capacity of crane is 10 T, however please note that supply of crane is not in bidder's scope.
7.		Hydraulic Design	We understand that hydraulic design of well is not in our scope. The dimensions of the well given in ANNEXURE- II Layout of intake pump house are to be considered by us for structural design. Please confirm	Please note that Intake pump house drawing furnished is indicative and for reference only, Bidder to refer complete specification and Intake pump house design including Hydraulic & Structural design is in bidder's scope.
8.	CI No. 5.04.08.02- Loading -Sec -C- Specific Technical Requirements	Loading- Approach Bridge	We request you to provide us the weight of heaviest component of pump/ motor/ equipment to be moved over the proposed approach bridge at a time.	Pump Wt.(Empty) to be considered approx. 8 Tonnes. Please refer erection inputs for weight of other items in pump house.

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9.	Volume-1-a (TCC) Technical condition , Page No. 41/56	Dredging in the River/Reservoir	We understand that no dredging is required to be done by us.	For dredging requirement please refer clause no. 5.04.08.05 under sinking of well (page no. 67 of 393) and clause no. 5.04.08.07 of sec-C of specification.
10.	CI No. 5.04.08.05, Sec- C, Technical Specification, Page no. 65/393	Intake Well	Construction of island/ cofferdam using earth/ rock filling facilitating the construction of well shall be allowed. We understand that permission required for forming an island inside the reservoir portion will be taken care by BHEL/ NTPC. Please confirm.	For well sinking methodology refer clause no 5.04.08.05 (pg66 of 393) of section C of specification. For Permission refer prebid clarifications no 590 and 591.
11.		General Requirement	We request you to provide us the GAD along with the specifications of Trash racks and stop logs, screens.	please note that specification of trash racks and stoplogs are already furnished in the specification.
12.		General Requirement	We request you to provide us co-ordinates of the the start and end points of the approach bridge. Also indicate the width of approach bridge.	Kindly refer annex-V and annex-I of specification for co-ordinates. Also refer point number 535 of clarification-02 (part 2 of 2) for width of approach bridge.
13.		Bore Hole data	Please provide us the bore hole data for the make up water system area (switch gear room, control room, battery room etc.) on the river bank. Also provide us the layout of bore holes showing the exact location.	kindly refer 1.0 (g) of sec-A of specification and bore hole data of sec-C of the specification for detail.
14.		General Requirement	We request you to kindly provide us the exact length of the bank protection along the bank of reservoir.	For bank protection please refer clause no 5.04.08.13 of part-C of specification.

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15.		Control Blasting	Whether the control blasting will be allowed for intake works and other structures/ buildings of make up water system.	For blasting provisions in reservoir, refer clause no 5.04.08.05 (pg67 of 393) of section C of specification. For blasting in general, refer prebid clarification no. 525
16.		General Requirement	We request you to provide us all the given drawings in autocad.	AutoCAD drawings are not available
17.		General Requirement	We request you to provide us monthly water level data for at least last five years.	Refer annex-g (page 373-of 393) of sec-C of specification.
18.		General Requirement	Wer request you to provide us the plan profile of approach road along with the chainages, Reduced levels, cross-sectional details etc.	No typical drawing for the same is available. Bidder is requested to make site visit, get itself acquainted, and estimate accordingly.
19.	CI No. 2.0.0 Volume-1-a (TCC), Page No. 44/56	Other related activities	We understand that supply of all materials will be in our scope. Please confirm.	Contract is on EPC basis. Hence all associated supplies is in bidder's scope
20	CI No. 2.0.0 Volume-1-a (TCC), Page No. 44/56	Water	We understand that arrangement construction water will be in our scope. Whether borewell allowed as the source of water construction purpose, and the required permission for the same will be taken by BHEL/ NTPC. Please confirm	It shall be in contarctor's scope
21	Chapter III- Facilities in the scope of contractor/ BHEL- Volume-1-a (TCC), Page No. 45/56	Power Supply	We understands that electricity for the construction purpose will be provided to us near the site facilities on chargeable basis, please confirm. Please indicate the charges for the same.	Bidder to make his own arrangement such as DG set.

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22	Chapter III- Facilities in the scope of contractor/ BHEL- Volume-1-a (TCC), Page No. 45/56	Land	We understand that the required land for establishing our site office, stores, Workshop, batching plant, rebar cutting, bending and stacking yard, fabrication yard, carpentary yard etc will be made available to us free of cost till the completion of works in all respects inside acquired 100x75 M area on the river bank. Please confirm.	Tender Conditions shall prevail
23	Chapter VII- Terms of Payment	Mobilisation Advance	We request you to provide us the 10% interest free mobilisation advance in one installment. Please confirm.	Tender conditions remains unchanged.
24	CI no. 2.17, Volume-IC-GCC, Page No. 25	Price Variation	We understand that escalation shall be payable to us.	Price variation clause shall be applicable in line with 2.17 of Vol-IC General Conditions of Contract.
25	Page no.53, CI no.7.03, Technical condition of contract (TCC)	Retention amount	We request for no cash retention from our Running Bill. We will submit Bank Guarantee for the equivalent amount till completion of the project. Please confirm.	Clause no 2.22 of Vol-IC General Conditions of Contract shall be applicable.
26	Page no.28/56, CI no.4.0, Technical condition of contract (TCC)	Extra work	In the event of any extra item ordered by client, we shall be entitled for suitable extension of time also. Please confirm.	Subject contract shall be on EPC basis and hence Extra works and contract time extension thereof shall not be applicable.
27	Volume-II Price Bid	Scope of work	We understand all the required statutory approval from local bodies like dam authority for the construction of intake structures, forest department for site establishment and area development works on the bank, NHAI for the construction of approach road (2.82 KM) form Gunjari	Bidder SCOPE

Sr. No,	Reference clause of tender document	Clause / Title	Bidder's query	BHEL's Clarification
			Village to site facilities etc. will be taken by BHEL/ NTPC. Please consider and confirm.	

BB) EXTENSION of LAST DATE:

The last date for submission of Tender has been re scheduled to 03/11/2014, 15.00 hrs.

Technical Bid shall be opened on 03/11/2014 at 16.00 hrs

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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-01 (Pre Bid Meeting-1311)" against NIT-19739 in BHEL web page (www.bhel.com→Tender Notifications → View Corrigendum).

Thanking you,

Yours faithfully,

AGM (Purchase)