

Ref: BHE/PW/PUR/ KKRN-STG+MMS/1126/Corrigendum-05

Date 29/05/2013

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To

ALL BIDDERS

Sub: Corrigendum-05: Issue of Clarification & Time extension for offer submission

JOB: A:- MM: RECEIPT/COLLECTION, UNLOADING, HANDLING, STACKING, VERIFICATION OF ENTIRE PROJECT MATERIALS INCLUDING ELECTRICAL, CONTROL & INSTRUMENTATION EQUIPMENTS / ITEMS AND OTHER MATERIALS IN BHEL/CUSTOMER'S STORES/STORAGE YARD AS RECEIVED BY ROAD/RAIL FROM MANUFACTURING UNITS/ TRANSPORTERS GODOWN UNDER MATERIALS MANAGEMENT AND PROVIDING SERVICES FOR MATERIAL MANAGEMENT FOR UNIT-3 AND 4 OF 2X700 MWe NPCIL KAKRAPARA ATOMIC POWER PROJECT AS PER TENDER SPECIFICATIONS
AND

B:- E & C: COLLECTION OF MATERIALS FROM BHEL/CLIENT'S STORES/STORAGE YARD, TRANSPORTATION OF MATERIALS TO SITE, ERECTION, TESTING, COMMISSIONING, APPLICATION OF THERMAL INSULATION INCLUDING SPRAY INSULATION, FINAL PAINTING INCLUDING SUPPLY OF PAINTS & PRIMERS, PERFORMANCE TESTING, TRIAL OPERATION AND HANDING OVER OF TG PLANT PACKAGE COMPRISING OF TURBINES, GENERATOR, MSRs, CONDENSERS WITH INBUILT FEED WATER HEATER, TG AUXILIARIES, INTEGRAL PIPING INCLUDING HP-MSR-LP STEAM PIPING, TANKS, VESSELS, LP HEATERS ETC. WITH HANGERS & SUPPORTS AND ASSOCIATED VALVES, FITTING ETC. FOR UNIT-3 OF 2X700 MWe NPCIL KAKRAPARA ATOMIC POWER PROJECT AS PER TENDER SPECIFICATIONS

AT

NPCIL (NUCLEAR POWER CORPORATION OF INDIA) KAKRAPARA ATOMIC POWER PROJECT KAKRAPARA, DIST. SURAT, STATE- GUJARAT.

Tender Specification Number : BHE/PW/PUR/KKRN-STG+MMS/1126

Bidders to kindly take note of the following:

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AA) Clarifications to Bidder's queries/ statements;

Query 1: In reference to Spray insulation on H.P turbine/ Valves, kindly provide the detailed application specification, procedure, spray insulation material details & weight, area of application etc. & list of approved vendors for same work.

Clarification 01: All details shall be issued during execution of contract.

Query 2: Refer, chapter IV – (T&P and MMEs to be deployed by contractor) of Vol IA Rev.01, plz provide the details of other cranes to be provided (for MSR , MM ,E&C) & the details of equipments to be shifted using 65 MT Trailer and duration of deployment of trailer

Clarification 02: Tender conditions holds good and contractor has to abide by them. The all required T&Ps are to be deployed by contractor as per site requirement.

Query3: Refer clause no.12.14.1 of Vol IA Rev.01, All heavy consignments have to be brought to TG service bay directly for unloading using EOT crane to avoid re-handling else BHEL have to arrange suitable crane and trailer if required for unloading, re-loading and for shifting from one location to another location as decided by BHEL engineer at site. Plz confirm & kindly state the levelling & consolidation of the unloading area is in contractor's scope or not?

Clarification 03: Tender conditions holds good.

Query 4: Refer Annexure-I of Vol IA Rev.01 (Estimated weight) Refer A.9 Turbine auxiliaries and piping, Seal oil piping weight is not mentioned in the scope whereas it is covered in Chapter-7 Terms of payment under A.7 Piping. Please confirm.

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Clarification 04 : The weight of Seal oil piping is included under TG integral piping.

Query 5 : Refer Section A, Sl. no.A.3, Material Handling and Material Management for Materials received at Transporters Godowns within a radius of 50 KM from Project Site of Price bid, Plz provide the max. weight & dimension of consignment.

Clarification 5: Small items are envisaged for this purpose with weight max. approx. 5 MT However for any variation in the weight no extra payment shall be made.

Query 6 Refer clause no.'17.29 (chapter 17 General E&C) of Vol IA Rev.01 As per referred clause, the Hangers & suspensions, supports etc for tubes, piping, & ducts etc will be supplied in running / randomlengths / sizes which shall be cut to suitable sizes and adjusted as required.

W.r.t above clause, kindly confirm the Hangers & suspensions, supports etc for tubes, piping, & ducts etc to be supplied by BHEL are in ready made condition or not? Whether the scope is to fabricate the supports at site as shown in the drawings from auxiliary steel which is supplied by BHEL free of cost or not?

Clarification 6: Tender conditions holds good and contractor has to abide by them.

Query 7: Refer clause no. 29.3.25 (chapter 29 Industrial safety), as stated in referred clause OCPs (Operation control procedures) can be downloaded from BHEL Web for reference purpose; however the documents could not be traced in BHEL Web. , please clarify?

Clarification 7: The documents are presently not available in BHEL Website.However All the OCPs shall be issued during the execution of contract.

Bidder's statement 8: Reference clause no. 22.3 of Vol IA Rev.01 As per referred clause, EOT cranes shall be provided for MSR installation. However, for erection of components whose weight exceeds the capacity of EOT crane, the contractor has to make his own arrangement without any additional cost.

The above condition is not acceptable. If the EOT crane capacity is not sufficient, then a suitable crane for erection of MSR shall be provided by BHEL/NPCIL free of cost.

BHEL's Clarification: Tender condition holds good and contractor has to abide by them.

Query 8: Kindly provide the quantity & specification of Condenser tubes supplied as bought out items, Also the welding of tube is envisaged or not ? If so, orbital welding machine is required or not for the same?

Clarification 8: The specification of Condensor tubes is as follows;

Tube Material: SS welded to SA 249 TP 316L,

Tube OD x Thickness x Qty: For top two rows : approx 28.575 mm x 1.244mm x 464 nos./condenser

Remaining Bundle (including air cooling zone): approx 28.575 mm x 1.244mm x 22400 nos./condenser

TOTAL QTY: approx. 22864 nos./condenser

Seal Welding and roller expansion forms part of specifications. Contractor to refer the NPCIL welding specs. and it is clarified that orbital welding is included.

भारत हेवी इलेक्ट्रिकल्स लिमिटेड
पावर सेक्टर- पश्चिमी क्षेत्र
श्रीमोहिनी कॉम्प्लेक्स, 345 - किंग्सवे
नागपुर- 440 001



Bharat Heavy Electricals Limited
Power Sector-Western Region
Shreemohini complex, 345 - Kingsway
Nagpur -440 001

फोन / Phone 0712- 3048600 TO 604 फैक्स FAX: 0712- 3048698- 699/ 3048605 www.bhelpswr.co.in

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Query 9: Please provide the scope of grid or sand blasting

Clarification 9: Refer tender clauses under Chapter-24 Painting of Vol IA Rev.01.

Query 10: We presume that the Deaerator & F/W storage tank are assembled on the ground and to be lifted from the outer wall of turbine building opening area (Deaerator floor) by two cranes and are to be pulled to the actual location. Kindly conform the activity and also provide the thickness of deaerator tank?

Clarification 10: The erection of Deaerator is not included in the scope of work.

Clarification 11: Payment for TG/Generator Integral Piping including Piping Covered under SI No A.9 of Annexure I of Volume I A 'TCC' shall be on Pro Rata basis on a per MT Rate. The Per MT rate shall be the allocated (The % applicable as per 'terms of Payment') value for 'Piping' Divided by the tendered quantity of Piping in MT (SI No A 9 of Annexure I and Tonnage of TG/Generator Integral Piping indicated in Annexure I of Vol I A) On completion of Piping Works, compensation due to variation of quantities of Piping shall be as per the Quantity Variation Clause 2.14 of GCC.

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BB) EXTENSION OF LAST DATE OF OFFER SUBMISSION:

The last date for submission of Tender has been re scheduled to 03/06/2013, 15.00 hrs.

Technical Bid shall be opened on 03/06/2013 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-05 (Extn-1126)" against NIT-14055 in BHEL web page (www.bhel.com→Tender Notifications → View Corrigendum).

Thanking you,
Yours faithfully,

AGM (Purchase)