



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TENDER CHANGE NOTE 01 (TCN – 01) DT: 30-11-2009

WITH REFERENCE TO THE NIT, PUBLISHED IN THE WEB SITES FOR ERECTION, TESTING, COMMISSIONING ETC OF BOILER & AUX OF UNIT 1&2 FOR 2X270 MW UNITS AT MAHABIR PRASAD STPP, APNRL, JAMSHEDPUR, DIST-SAREIKELA-KHARASAWAN, JHARKHAND. FOLLOWING CHANGES MAY PLEASE BE NOTED AND COMPLIED WHILE SUBMITTING THE OFFER FOR THE SUBJECT JOB.

REF: TENDER DOCUMENT NO-PSER-SCT-ADK-B1050:09

- 01. Based on the queries raised by various bidders and other clarifications during pre-bid discussion on 24-11-2009, detailed pre-bid discussion and clarification is furnished as per Annexure-I enclosed.**
- 02. Based on above and as requested by bidders, the due date of submission of bid is hereby now extended up to 10-12-2009.**

BIDDERS TO NOTE THAT ALL TCNS WILL FORM PART OF TENDER DOCUMENT.

ALL OTHER TERMS & CONDITIONS OF THE TENDER SHALL REMAIN UNCHANGED.

SDGM (SCT)

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

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MINUTES OF PRE-BID DISCUSSION HELD ON 24/11/2009 ON TENDER NO-PSER:SCT:ADK-B1050:09 FOR E & C ETC OF 2x270 MW BOILER PACKAGES FOR MAHABIR PRASAD STPP, JAMSHEDPUR (ANNEXURE-I)

Sl. No.	Ref. Vol. No.	Ref. Clause No.	Description of Existing Provision	Clarification sought	BHEL COMMENTS
1.	Cover-IV	4.0 of NIT	Cover-IV(Price Bid-Percentage Value)	Please confirm whether Price-Bid Percentage Value shall be submitted in Cover-IV as percentage value price schedule is not enclosed in Price Schedule Format. If applicable, please provide us the same.	NOT APPLICABLE & The same is written on the front page of the NIT cover letter against <u>sl.no.3.9</u>
2.	Volume-II	6.0	Unloading of Boiler Drum & Transportation to Work Site through Special Tractor	Please confirm that BHEL's suitable Crane shall be provided for unloading of Boiler Drum & BHEL's suitable Special Tractor shall be provided for transportation to Erection Site.	BHEL's crane shall be available for unloading of drum. Dragging/ Transportation of the drum shall be done by the contractor.
3.	Volume-III	2.10	All Foundations & Anchor Points for installing Drum Lifting Winches	Please confirm that all Foundation & Anchor Points required for installing Drum Lifting Winches shall be provided by M/s. BHEL or not. Please also confirm Cement/Ready-mix Grout shall be supplied by M/s. BHEL or not.	-> Shall not be provided by BHEL. -> This is in Bidders scope of work.
4.	Volume-II	2.94	Chemical Cleaning	Please confirm that all Chemicals required for Chemical Cleaning of Piping System shall be supplied to us free of cost at Site.	All chemicals shall be supplied by BHEL for Chemical cleaning free of cost.
5.	Volume-II	2.52	Fabrication and Erection of Auxiliary Supports for Supporting the Hangers	Please confirm, in case Contractor supply of Secondary Steel required, provision for submission of Unit Rate shall be provided in Price Schedule Format.	Hangers & supports shall be supplied by BHEL.
6.	Volume-II	4.18	Time Frame required for deployment of Manpower after the start of continuous operation with Coal Fixing of the respective Unit.	Please confirm the Time Schedule required for deployment of Manpower as stipulated in each Unit for the same.	Time frame cannot be specified. Bidders' to quote their rates based on their past experience in this regard.
7.	Volume-II	8.3	Finish Paint	Please confirm the DFT for Finish Paint to ascertain the correct Price input of the same.	The contractor to get the painting schedule approved by BHEL prior to <u>SUPPLY & APPLICATION</u> . The DFT for finish paints shall be similar to other 250 MW sets . Exact details shall be furnished during execution.

8.	Volume-II	43.4	Fuel & Operator for M/s. BHEL share Crane	Please confirm, apart from 250T Crane, Fuel & Operator of the BHEL's shared Crane shall be provided to Bidder.	Fuel & operator for the cranes limited in Annexure-D shall be provided by BHEL free of cost.
9.	Volume-II	43.6	Power supply Cable for Erection of Drum Lifting Winch	Please confirm the Specification required for Power supply Cables for Drum Lifting Winch.	To be provided by the bidder as per requirement for executing the job.
10.	VOL-II Annexure-D	T&P of M/s. BHEL's Machineries	Mid Range Crawler Crane	Please specify the Tonnage for Mid Range Crawler Crane.	MID RANGE CRANE CAPACITY WILL BE OF CAPACITY AROUND 200T OR EQUIVALENT.
11.	Volume-II	Group-VI & VII	P1/7070-1-80-401 P1/7070-1-80-402 P1/7070-1-80-407	Pl. furnish us material of construction of the afore-cited material class & also inform us the technical details of such piping work. Pl. also inform us the involvement of stainless steel piping also & the mode of measurement of SS piping.	ONLY CS PIPES ARE USED IN PIPING.
12.	Volume-1D		Extra Work : a)Average single man hour rate including overtime if any, supervision, use of tools and tackles and other site expenses and incidentals including consumables for carrying out modification/rectification/repair /rework course of erection, testing and commissioning – Rs. 40.00 per man hour b) Excluding consumables for carrying out modification / rectification..... - - - Rs.25.00 per man hour	As the market price of all governing cost component are on higher trend and based on increasing inflation rate, we would request you to consider the rate for average man hour with consumables from Rs. 40.00 to Rs. 70.00 and excluding consumables from Rs. 25.00 to Rs. 50.00 and extra work per inch dia of CS & AS material joint shall Rs. 650/- & Rs. 1200/- per Inch dia and Radiography shall be Rs. 20/- per Cm. length of weld.	Shall remain as per Tender provision
13.			Mobilisation Advance	Interest free mobilization advance amounting to 5% of the value of contract as awarded shall be paid to us within 15 days form the date of submission of Composite Bank Guarantee, equivalent to 5% of the contract value as awarded to cover both Security Deposit and mobilization advance. Mobilisation Advance as stated above shall be recovered from our R/A Bills @ 5% of the gross amount of each bill unit such time the entire advance is fully recovered. No cash deduction towards	Not applicable as per tender provision

				Security Deposit shall be made from our bill.	
14	Volume-II Volume-III	55.2- VOL-II 05-Preamble	VOL-II- Quoted/accepted rates shall remain valid for (+/-) 20% variation in total weight indicated in relevant annexure of weight schedule ----- payment at accepted unit rates. Vol-III:-The quantites of the various items mentioned in this schedule of items are approximate ----- execution including extension, for reasons what-so-ever.		The correct clause no. 05 of preamble to be considered as modified below:- The quantites of the various items mentioned in this schedule of items are approximate, based on the preliminary information and may vary to any extent or be deleted all together. The quoted/accepted rates shall remain firm and valid for variation in quantity of various items as indicated in relevant schedule throughout the period of execution including extension up to (+/-) 20% of the awarded/accepted contract value.
15	Volume-II	Annexure-C	List of T&Ps to be provided by Contractor for each unit	FOLLOWING CLARIFICATION IS PROVIDED: SL NO. 80 IS ADDED UNDER ANNEXURE-C OF THE VOL-II OF THE TENDER: SL. NO. 80	DESCRIPTION CRAWLER CRANE-75T QTY/REMARKS 1 NO. FOR BOTH THE UNITS.
16	Volume-II	Sc-2.10 (Page no.5 of 69)	Grouting	Please specify the quantity of port-land cement and ready mix grout.	Bidder to execute based on their past experiences
17	Volume-II	Sc-sl no.-03 (Page no-65 of 69)	Elevator for Boiler Erection	Please clarify the capacity of Passenger cum goods elevator.	As per requirement for the project as generally provided for such project
18	Volume-II	Sc-page no-7 of 69	Packers plates supplied ---- BHEL instructions	Please clarify, who will provide the packer plats & shim.	Packers & shims shall be provided by BHEL.
19			Due date of submission of offer	You would appreciate that the time available after receipt of your replies of pre-bid clarifications for offer submission which is included the activity of cost / proposal engineering also is extremely inadequate. We would therefore request you to extend the bid submission date from 14/12/09.	The due date of submission of offer is hereby extended up to 10/12/2009.