



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 02

Ref: PSER: SCT: BRM-E1628: TCN-02

Date: 28-11-2014

Sub	Tender Change Notice (TCN)- 02.	
Job	Electrical-2: Erection, laying/ installation, testing, commissioning, handing over, etc of panel, motor, HT/ LT switch gear, cable, cable tray & accessories, other misc equipments, etc for 2x250 MW Barauni Extension Project at Begusarai, Bihar.	
Ref	1.0	Tender no PSER:SCT: BRM-E1628:14
	2.0	BHEL's NIT, vide reference no PSER:SCT: BRM-E1628:4076 Date: 20-11-2014
	3.0	BHEL's TCN-01,vide reference no PSER: SCT: BRM-E1628: TCN-01 Date: 25-11-2014
	4.0	Other References, if any.

With reference to above, following points, relevant to tender, may please be noted and complied with while submitting the offer.

1. Dimensions (L X W X H) and Weight of Panels/Boards is attached in [Annexure-A to TCN-02](#).
2. Revised Preamble to Price Bid (Volume-III) is attached in [Annexure- B to TCN-02](#)
3. Revised '[No deviation certificate](#)' is attached. Bidder to submit 'No deviation certificate' as per attached format only.
4. All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

DGM(SCT)

Encl:

1.0 As Above.

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION, DJ-9/1, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211798/ 1691

ANNEXURE- A TO TCN-02

13	LT SWITCHGEAR BOARD, PANEL & DCDB		
13.01	415V TURBINE VALVE MCC (26500/25200X1200X2375) Wt-18MT	2	NO
13.02	415V BOILER MCC (13300x1200x2375) Wt-10.5MT	2	NO
13.03	415V BOILER VALVE MCC(13200X1200X2375)Wt-7MT	2	NO
13.04	415 V VENTILATION MCC(7900/8400X1200X2375)Wt-4.5MT	2	NO
13.05	415V MISC. SERVICE MCC(10000X1200X2375)Wt-6MT	2	NO
13.06	415V EMERGENCY SERVICE BOARD(15200/16400X1200X2375) Wt-10.5MT	2	NO
13.07	220V MAIN DCDB(13100/12150X1200X2375) Wt-8.7MT	2	NO
13.08	415V TURBINE MCC(12400/12950X1200X2375) Wt-9.8MT	2	NO
13.09	415V SWITCH BOARD(11900X1800/1600X2375) Wt-9MT	2	NO
13.10	415V STATION SERVICE SWITCH BOARD(7700/9100X1600X2375) Wt-6MT	2	NO
13.11	415V ESP AC & VENT MCC(7000x1200x2375) Wt-5MT	2	NO
13.12	415V AIR CONDITIONING MCC #0TA(13300x1200x2375) Wt-10.5 MT	1	NO
13.13	415V DM PLANT MCC #0SE(15000x1200x2375) Wt-14MT	1	NO
13.14	415V ETP MCC #0SF(7500X1200X2375) Wt-7MT	1	NO
13.15	415V CW TREATMENT CHLORINATION MCC #0SC(7500X1200X2375) Wt-7MT	1	NO
13.16	415V ADMN. BUILDING MCC #0SH(8800X1200X2375) Wt-6.6MT	1	NO
13.17	415V H2 GENERATION MCC #0SD(6100X1200X2375) Wt-4.5MT	1	NO
13.18	415V WORKSHOP MCC #0SG(7900X1200X2375) Wt-6MT	1	NO
13.19	415V CLARIFIED WATER PUMP HOUSE PH SWBD #0DF (16000X1600/1200X2375) Wt-11MT	1	Set
13.20	415V R/W WATER PUMP #0DH(10200X1600/1200X2375) Wt-10MT	1	Set
13.21	415V FIRE WATER PUMP HOUSE SWITCH BOARD #0DC (12200X1600/1200X2375) Wt-12.5MT	1	Set
13.22	415V FUEL OIL P/H SWITCH BOARD #0DD(11500X1200X2375) Wt-10.5MT	1	Set
13.23	415V CW PH SWBD #0DE(15700X1600X2375) Wt-14MT	1	Set
13.24	415V AC FUSE DISTRIBUTION BOARDS(2500X500X1500) Wt-5MT	1	Set
13.25	220V DC FUSE DISTRIBUTION BOARDS(2500X500X1500) Wt-5MT	1	Set
13.26	LT MAIN SWITCH BOARD(DOUBLE FRONT, DRAW OUT TYPE)(12000MM L X1700MM DX 2400MM H)	4	NO
13.27	DATA CONCENTRATOR SYSTEM Wt-0.8MT	1	Set
13.28	RAPPER CONTROL PANEL(1000 MM L X650MM DX 2000MM H)	4	NO
13.29	IOS PC WITH COLOUR MONITOR(1200 MM L X762 MM D) WITH PRINTER	2	SETS
13.30	BAPCON (ARECA) CONTROLLER TO BE FITTED IN EC PANEL(280MM L X210MM DX 210MM H)	56	NO
13.31	SOOT BLOWER MCC	2	SETS

ANNEXURE- A TO TCN-02

14	For CHP & AHP (U#8 & U# 9)		
14.01	415V CHP PMCC-1 AT CRUSHER HOUSE(18360X1200X2375) Wt-16.8MT	1	Set
14.02	415V CHP PMCC-2 AT TP-3(11100X1200X2375) Wt-9MT	1	Set
14.03	415V CHP PMCC-3 AT WAGON TIPPLER(17400X1200X2375) Wt-12.1MT	1	Set
14.04	415V AHP PMCC-1 AT ASPH(21500X1200X2375) Wt-21MT	1	Set
14.05	415V AHP PMCC-2 AT VPH(20100X1200X2375) Wt-20MT	1	Set
14.06	415V AHP PMCC-3 AT SILO AREA(10600X1200X2375) Wt-10MT	1	Set
14.07	415V AHP PMCC-4 AT ASH POND AREA (17400X1200X2375) Wt-15.4MT	1	Set

VOLUME-III PRICE SCHEDULE, REV-0	
ELECTRICAL-2: ERECTION, LAYING/ INSTALLATION, TESTING, COMMISSIONING, HANDING OVER, ETC OF PANEL, MOTOR, HT/ LT SWITCH GEAR, CABLE, CABLE TRAY & ACCESSORIES, OTHER MISC EQUIPMENTS, ETC FOR 2X250 MW BARAUNI EXTENSION PROJECT AT BEGUSARAI, BIHAR.	
TENDER NO PSER:SCT: BRM-E1628:14	
SL NO	REVISED PREAMBLE
1	This preamble forms part of tender document and schedule of items. The tenderer should read this preamble carefully in rates for various items. Clauses under this preamble shall be read in conjunction with Volume-IB, ID, IE , Volume – IF and other tender sections as applicable.
2	The work shall be carried out strictly as per specifications, description of the items in these schedule and / or engineer's instructions.
3	Items of work provided in this schedule but not covered in this specification shall be executed strictly as per instruction of the engineer.
4	Unless specifically mentioned otherwise in the tender document, the tenderer shall quote for the finished items and shall provide for the complete cost towards power, fuel, tools, tackles, equipment, constructional plants, temporary works, labour, dismantling of all temporary piping, structures, valves, pumps, tanks & other misc. equipment, strengthening of roads/culverts/bridges etc. including arranging all clearances etc. required for carrying out different activities & tests, materials, levies, taxes(except service tax), transport, layout, repairs, rectification, maintenance till handing over, supervisions, colonies, shops, establishments, overheads, profits and all incidental items not specifically mentioned but reasonably implied and necessary to complete the work according to the complete tender document and this schedule.
5	The quantities of the various items mentioned in this schedule of items are approximate, based on very preliminary information and may vary to any extent or be deleted altogether. The quoted rates of each item will remain firm throughout the period of execution including extension, for reasons whatsoever, as long as variation in the total value of work executed under any part of this contract including extra items, if any but excluding any price variation remains, within fifteen percent ($\pm 15\%$) of the awarded price as per LOI .
6	Prior written approval of BHEL shall be sought by the contractor in case quantity variation of any item crosses +50% (plus fifty percent) limit during execution and approval to be obtained before execution of further quantity for this item.
7	In case Sealed /Paper Price Bids are opened for finalisation of the tender, for any Item Rate/BOQ based contract, possibility of variation of quantity/ addition/deletion of items can not be ruled out. Under such circumstances, after execution of work, if it is observed that standing as L-1 is changed based on actual quantity executed, the bidder shall give suitable rebate to maintain your standing as L-1. Since this aspect can be assessed at the end of execution, necessary adjustment will be effected at the end of execution in final bill.This condition shall not be applicable where the tender is finalised through Reverse Auction.
8	BHEL reserve the right to rationalize the rates, quoted by L-1 bidder against unit rate items and/ or other optional items with respect to item-wise lowest rates (amongst the participating bidders), before placement of order.
9	The rates quoted shall be inclusive of cleaning of site of any vegetation, dressing , clearing of old structures and leveling etc. including fixing of grid pillars, benchmarks etc. required for commencement of site activities. No separate payment will be made towards the same.
10	Rates shall be quoted in figures and in words in clear legible writing. No overwriting is allowed. All scoring and cancellations should be countersigned and in case of illegibility the interpretation of engineer shall be final. All entries shall be in English language.
11	All works item wise shall be measured upon completion and paid for at the rates quoted and accepted as per BHEL approved payment schedule/billing break-up.
12	The tender shall be deemed to have visited site and made himself aware of all the site conditions, studied the specifications and details of work to be done within the time schedule attached and to have acquainted himself of the conditions prevailing at site.
13	No splitting of the job is envisaged. Decision of BHEL in this regard shall be final and binding to the bidders.
14	Bidders are not allowed to alter the Price Schedule format including item description,quantity etc. and the offer is liable for rejection if the bidders submit their prices in Price Schedules modified by them.BHEL reserves the right to reject the offers of bidders who submit offers in Price Formats which are modified/alterd by them.
15	Bidders to note that for Civil &Structural packages, against a particular item against a ST No. appearing in more than one schedule of the BOQ, same rate must be quoted in all schedules for that particular items with same descriptions. If by error, different rates are quoted in different schedules for same ST No.(i.e. item with same description), then the higher of the rates shall be considered for evaluation but awarding shall be done with the lower rate ,if the bidder becomes L-1."
16	In case of Lumpsum contracts, addition or deletion of the scope beyond the variation limit specified shall be derived from the quoted Lumpsum price and the tendered scope of work considering the allowable variation limit.
17	Engineer's decision shall be final and binding on the contractor regarding clarification of items in the schedule with respect to the other sections/volumes of the contract.

SL NO	REVISED PREAMBLE
18	In case of tender for Civil and/or Structural works , the Non-schedule items are not quoted by the bidder, it will be treated at par with rate of corresponding item of CPWD/PWD/DSR schedule as prescribed in the tender/BOQ cum Rate Schedule.
19	Size and weights of various items are mentioned in the attached BOQ cum rate/price schedule for reference purpose only & these shall not be taken into consideration for quoting/calculating amount in the rate schedule. These shall be utilised as per relevant sections of tender. Bidders shall quote for each item in the rate column, taking unit as mentioned in the quantity column. Rates shall be filled in both figures and words. Amount shall be calculated based upon these rates multiplied by the mentioned quantity for the respective items.
20	Bidder's Total price will be shall be considered for evaluation unless stated otherwise.
21	In case of BOP packages, if Bidder does not quote/indicate the price for freight chages against indicated rate schedule, the same shall be considered as 2% of basic price and adjusted with the total quoated price against each item keeping the total quoted price unaltered.

FORMAT FOR NO DEVIATION CERTIFICATE
(To be submitted in the bidder's letter head)

BHARAT HEAVY ELECTRICALS LIMITED,
Power Sector - Eastern Region,
Plot no 9/1, DJ Block, Sector – II, Salt Lake City,
Kolkata – 700 091

Sub	No Deviation Certificate.	
Job	Electrical-2: Erection, laying/ installation, testing, commissioning, handing over, etc of panel, motor, HT/ LT switch gear, cable, cable tray & accessories, other misc equipments, etc for 2x250 MW Barauni Extension Project at Begusarai, Bihar.	
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	3.0	BHEL's TCN-01,vide reference no PSER: SCT: BRM-E1628: TCN-01 Date: 25-11-2014
	4.0	BHEL's TCN-02,vide reference no PSER: SCT: BRM-E1628: TCN-02 Date: 28-11-2014
	5.0	All other pertinent issues till date.

Dear Sirs,

With reference to above, this is to confirm that as per tender conditions, we have visited site before submission of our offer and noted the job content & site conditions etc. We also confirm that we have not changed/ modified the tender documents as appeared in the website/ issued by you and in case of such observance at any stage, it shall be treated as null and void.

We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred NIT. We hereby confirm our unqualified acceptance to all terms & conditions, unqualified compliance to technical specification, integrity pact (if applicable) and acceptance to reverse auctioning process.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null & void.

We confirm to have submitted offer in accordance with tender instructions and as per aforesaid references.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorized
representative of the bidder)

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION, DJ-9/1, SALT LAKE CITY, KOLKATA - 700 091

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