



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Govt. of India Undertaking)

**TCN – 06**

Ref: PSER:SCT:BRM:M1266:TCN-06

Date: 17-02-2012

Sub	Tender Change Notice (TCN)- 06	
Job	Design, engineering, manufacturing, supply, Testing, commissioning etc of TG hall EOT Crane for 2x250 MW BARAUNI Extension Project unit # 8 & 9 at BEGUSARAI, BIHAR.	
Ref	1.0	Tender no PSER:SCT:BRM:M1266:11
	2.0	BHEL's NIT, vide reference no PSER:SCT:BRM:M1266:2586 Date: 14-11-2011
	3.0	BHEL's TCN-01, vide ref. no. PSER:SCT:BRM-M1266:TCN-01 dated 05/12/2011.
	4.0	BHEL's TCN-02, vide ref. no. PSER:SCT:BRM-M1266:TCN-02 dated 19/12/2011.
	5.0	BHEL's TCN-03, vide ref. no. PSER:SCT:BRM-M1266:TCN-03 dated 05/01/2012.
	6.0	BHEL's TCN-04, vide ref. no. PSER:SCT:BRM-M1266:TCN-04 dated 25/01/2012.
	7.0	BHEL's TCN-05, vide ref. no. PSER:SCT:BRM-M1266:TCN-05 dated 10/02/2012.
	8.0	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) **BOQ cum price schedule format VOL-III A, PRICE SCHEDULE, REV-1** has been revised as **VOL-III A-PRICE SCHEDULE, REV-02** which is enclosed herewith. As such you are requested to consider the revised BOQ/price schedule only and quote your price accordingly. Offer from bidders in superseded price schedule (Vol-III, REV-1) shall not be considered. Bidders are also requested to submit a declaration in techno-commercial offer that they have submitted their price bid in sealed envelope as per **REVISED price schedule format (VOL-III A , PRICE SCHEDULE , REV-02)**.

All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,  
for BHARAT HEAVY ELECTRICALS LTD

**ENGINEER (SCT)**

Encl:

- 1.0 Revised Format of 'No deviation certificate'.
- 2.0 Revised BOQ cum price schedule format VOL-III A.

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

**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	Design, engineering, manufacturing, supply, Testing, commissioning etc of TG hall EOT Crane for 2x250 MW BARAUNI Extension Project unit # 8 & 9 at BEGUSARAI, BIHAR.	
Ref	1.0	Tender no PSER:SCT:BRM-M1266:11
	2.0	BHEL's NIT, vide ref no: PSER:SCT:BRM-M1266:2586 dated 14/11/2011
	3.0	BHEL's TCN-01 vide ref. no. PSER:SCT:BRM-M1266:TCN-01 dated 05/12/2011
	4.0	BHEL's TCN-02 vide ref. no. PSER:SCT:BRM-M1266:TCN-02 dated 19/12/2011
	5.0	BHEL's TCN-03 vide ref. no. PSER:SCT:BRM-M1266:TCN-03 dated 05/01/2012
	6.0	BHEL's TCN-04 vide ref. no. PSER:SCT:BRM-M1266:TCN-04 dated 25/01/2012
	7.0	BHEL's TCN-05 vide ref. no. PSER:SCT:BRM-M1266:TCN-05 dated 10/02/2012
	8.0	BHEL's TCN-06 vide ref. no. PSER:SCT:BRM-M1266:TCN-06 dated 17/02/2012

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)

<b>VOLUME-III PRICE SCHEDULE, REV-2</b>	
<b>Design, engineering, manufacturing, supply, Testing, commissioning etc of TG hall EOT Crane for 2x250 MW BARAUNI Extension Project unit # 8 &amp; 9 at BEGUSARAI, BIHAR.</b>	
<b>TENDER NO - PSER:SCT:PSER:BRM-M1266:11</b>	
<b>PREAMBLE</b>	
01	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-IA, Volume-IB, Volume-IC, Volume-ID, Volume-II together with subsequent changes/ modifications etc thereto as applicable as on date of submission of price offer.
02	The work shall be carried out strictly as per specifications, description of the items in these schedule and/ or engineer's instructions.
03	Items of work provided in this schedule but not covered in this specification shall be executed strictly as per instruction of the engineer.
04	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, 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 tender document and this schedule.
05	The rates quoted shall be inclusive of cleaning of site of any vegetation, dressing 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.
06	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.
07	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.
08	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.
09	Unless otherwise specified and in case of item rate based price schedule and not on lumpsum basis, 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 to be deleted altogether. The quoted/ accepted rates shall remain firm and valid as long as variation in total value of work executed under this contract including extra items, but excluding any price escalation, remains within +/- 30% (thirty percent) of the contract price given in the LOI/WO.

**VOLUME-III A**  
**PRICE SCHEDULE, REV-2**

**Design, engineering, manufacturing, supply, Testing, commissioning etc of TG hall EOT Crane for 2x250 MW BARAUNI Extension Project unit # 8 & 9 at BEGUSARAI, BIHAR.**

**TENDER NO - PSER:SCT:PSER:BRM-M1266:11**

**SCH-1 - MAIN PRICE**

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	TOTAL QUOTED PRICE (₹)
1.0	Total price for design, engineering, manufacturing, inspection and testing, painting, supply/delivery duly packed at project site including unloading, storage and handling at site, erection and commissioning, trial run at site, and handing over to the customer in line with drawings/documents/ test procedures approved by BHEL/Customer and operation & maintenance (O&M) etc. for Two nos. of 125/25 T capacity, Double grider EOT crane with 25.50 M lift of main hook, 30.40M lift of auxiliary hook, 28.4M span, 195.5 M bay length along with PVC Shrouded conductor type DSL and gantry rail complete with all accessories including Erection and commissioning spares and Maintenance Tools and Tackles for the total scope defined as per technical specification PE-TS-374-501-A001 Rev. 01, Crane Clearance Diagram Drg. No. PE-DG-374-501-A001 Rev. 01 and standard technical specification no. PE-TS-STD-501-A001 (Rev 03) taking into account all clarifications, confirmations and agreements till date.	
<b>Note</b>		
1.0	Bidder to note that total price indicated above at 1.0 shall be considered for evaluation and hence should be complete in all respect for the full scope defined and considering all terms and conditions agreed.	
2.0	While total price at sl no 1.0 as per above will be considered for evaluation, bidder shall furnish further break-up of price in the following schedules.	
2.1	SCH-2 - Main price break-up.	
2.2	SCH-3 - Supply price break-up.	
2.3	SCH-4 - Service price break-up.	
2.4	SCH-5 - Maintenance tools & tackles price break-up.	
2.5	SCH-6 - Commissioning spare price break-up.	
3.0	Any item as per scope of work if not included in the price quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection.	
4.0	Total price of 1.1 & 1.2 should match with 1.0.	
5.0	Total price of supply price break up should match with 1.1.	
6.0	Total price of service price break up should match with 1.2.	
7.0	Any variation in length of DSL and gantry rail due to change in bay length will be adjusted based on unit rates arrived from 1.1.2 & 1.1.3 (for supply) and from 1.2.2 & 1.2.3 (for E&C) respectively.	
8.0	If freight component is not specifically indicated, 2 % of total amount will be considered as freight component against each item for further processing.	
9.0	Any item not included in the price quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection.	

<b>VOLUME-III</b>				
<b>PRICE SCHEDULE, REV-2</b>				
Design, engineering, manufacturing, supply, Testing, commissioning etc of TG hall EOT Crane for 2x250 MW BARAUNI Extension Project unit # 8 & 9 at BEGUSARAI, BIHAR.				
TENDER NO - PSER:SCT:PSER:BRM-M1266:11				
SCH-2 - MAIN PRICE BREAK-UP				
SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	QUOTED PRICE (₹)		
		BASIC PRICE	FREIGHT	TOTAL
(1)	(2)	(3)	(4)	(5)=(3) ~ (4)
1.1	Total price for supply part for design, engineering, manufacturing, inspection and testing, painting, supply/delivery duly packed at project site for Two nos. of 125/25 T capacity, Double grider EOT crane with 25.50 M lift of main hook, 30.40M lift of auxiliary hook, 28.4M span, 195.5 M bay length along with PVC Shrouded conductor type DSL and gantry rail complete with all accessories including Erection and commissioning spares and Maintenance Tools and Tackles for the total scope defined as per technical specification PE-TS-374-501-A001 Rev. 01, Crane Clearance Diagram Drg. No. PE-DG-374-501-A001 Rev. 01 and standard technical specification no. PE-TS-STD-501-A001 (Rev 03) taking into account all clarifications, confirmations and agreements till date.			
1.2	Total price for service part for unloading, storage and handling at site, erection and commissioning, trial run at site, and handing over to the customer in line with drawings/ documents/ test procedures approved by BHEL/Customer and operation & maintenance (O&M) etc. for Two nos. of 125/25 T capacity, Double grider EOT crane with 25.50 M lift of main hook, 30.40M lift of auxiliary hook, 28.4M span, 195.5 M bay length along with PVC Shrouded conductor type DSL and gantry rail complete with all accessories including Erection and commissioning spares and Maintenance Tools and Tackles for the total scope defined as per technical specification PE-TS-374-501-A001 Rev. 01, Crane Clearance Diagram Drg. No. PE-DG-374-501-A001 Rev. 01 and standard technical specification no. PE-TS-STD-501-A001 (Rev 03) taking into account all clarifications, confirmations and agreements till date.			
<b>TOTAL PRICE</b>				

**VOLUME-III  
PRICE SCHEDULE, REV-2**

Design, engineering, manufacturing, supply, Testing, commissioning etc of TG hall EOT Crane for 2x250 MW BARAUNI  
Extension Project unit # 8 & 9 at BEGUSARAI, BIHAR.

TENDER NO - PSER:SCT:PSER:BRM-M1266:11

SCH-3 - SUPPLY PRICE BREAK-UP

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	QUOTED PRICE (₹)		
		BASIC PRICE	FREIGHT	TOTAL PRICE
		(1)	(2)	(3)=(1) ~ (2)
<b>Price break-up of 1.1 of SCH-2.</b>				
1.1.1	Total price for Two nos. of 125/25 T capacity, Double grider EOT crane with 25.50 M lift of main hook, 30.40M lift of auxiliary hook, 28.4M span, with all accessories.			
1.1.2	Total price for 195.5 M bay length PVC shrouded conductor type DSL complete with all accessories.			
1.1.3	Total price for 195.5 M bay length Gantry rail complete with all accessories.			
1.1.4	Lump sum price of temporary cable for operation of crane during erection stage of the plant (equal to half the baylength plus 25 M) .			
1.1.5	Total price for maintenace tools & tackles.(Bidder to submit item-wise break-up in specific schedule)			
1.1.6	Total price for erection and commissioning spares. (Bidder to submit item-wise break-up in specific schedule)			
<b>TOTAL PRICE</b>				

**VOLUME-III A**  
**PRICE SCHEDULE, REV-2**

Design, engineering, manufacturing, supply, Testing, commissioning etc of TG hall EOT Crane for 2x250 MW BARAUNI Extension Project unit # 8 & 9 at  
BEGUSARAI, BIHAR.

TENDER NO - PSER:SCT:PSER:BRM-M1266:11

SCH-4 - SERVICES PRICE BREAK-UP

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	QUANTITY		QUOTED PRICE	
				₹	
				UNIT RATE	TOTAL PRICE
<b>Price break-up of 1.2 of SCH-2</b>					
<b>1.2.1</b>	<b>PART-1 (Main scope)</b>	(3)		(4)	(5)=(4)x(3)
1.2.1.1	Total price for service part for Two nos. of 125/25 T capacity, Double grider EOT crane with 25.50 M lift of main hook, 30.40M lift of auxiliary hook, 28.4M span, with all accessories.				
1.2.1.2	Total price for service part for 195.5 M bay length PVC shrouded conductor type DSL complete with all accessories.				
1.2.1.3	Total price for service part for 195.5 M bay length Gantry rail complete with all accessories.				
1.2.1.4	Total price of temporary cable for operation of crane during erection stage of the plant (equal to half the baylength plus 25 M), complete with all accessories.				
1.2.1.5	Total lump sum price of any other item included in 1.0.0 above				
<b>1.2.2</b>	<b>PART-2 (Operation &amp; maintenance (O&amp;M))</b>				
1.2.2.1	Providing O&M service including manpower, supervision, consumables etc for operation & maintenance of cranes after commissioning.	12 MONTHS			
1.2.2.2	<b>Sub-total (1.2.2)</b>				
<b>TOTAL PRICE(1.2.1+1.2.2)</b>					



