



# भारत हेवी इलेक्ट्रिकल्स लिमिटेड

( भारत सरकार का उपक्रम )

## BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

**TCN - 01**

Ref: PSER:SCT:BOK-M1334:TCN-01

Date: 14/05/2012

Sub	Tender change notice (TCN) 01	
Job	Design, Engineering, Fabrication, Manufacturing, Assembly, Inspection, Testing at manufacturer's/ sub-vendor's works, painting, proper packing, transportation, delivery, unloading, receipt, Erection, Testing, Commissioning, trial run, performance & guarantee test and handing over of 'CW Chlorination And Absorption System' package for 1x500 MW Bokaro-A TPS .	
Ref	1.0	Tender no PSER:SCT:BOK-M1334:12
	2.0	BHEL's NIT, vide ref no Ref: PSER:SCT:BOK-M1334:12 Dated 23/04/2012
	3.0	Other references (if any).

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

- 1.0 Due date of submission is extended from 14/05/2012 to 21/05/2012 at 15-00 Hrs .
- 2.0 Clarification to bidder's query

Sl. no.	Bidder's query	BHEL Reply
1	BHEL DOCUMENTS NO.. PE-DC-J 17-174-AOO I, VOLUME II B, SECTION-D,REV. NO. 0, as per spec.pg Page 44 of 115, BHEL have asked a common relay based local control panel for Chlorination System & Absorption System. So, PLC is not applicable for chlorination system. Kindly Confirm.	Noted. Common Relay based LCP shall be provided for Chlorination System & Absorption System.
2	BHEL DOCUMENTS NO PE DC-317 174-AOOI, VOLUME II-B, As per Section C, SPECIFIC TECHNICAL REQUIREMENTS (C&I) MECHANICAL AUXILIARY PACKAGES as per spec.pg.72 of 115, point 1.1 – BHEL have mentioned PLC for mechanical auxiliary equipment is in Bidder's scope. Hope the spec. pages (72 of 115- 114 of 115) is not applicable for Chlorination system vendor. Kindly clarify & confirm.	Noted. Common Relay based LCP shall be provided for Chlorination System & Absorption System.

- 3.0 Revised BOQ cum price schedule format VOL-III- PRICE SCHEDULE, REV-01 superseding VOL-III PRICE SCHEDULE, REV-00 issued earlier along with NIT.

**Bidders are requested to submit their offer as per revised BOQ (Rev-01) only.** Offer from bidders in superseded price schedule (Vol-III, REV-00) shall not be considered.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- PRICE SCHEDULE, REV-01)**

- 4.0 Revised 'No deviation certificate' is attached. Bidder to submit 'No deviation certificate' as per attached Format only.
- 5.0 All other terms & conditions shall remain unchanged.

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

Thanking you,

Yours faithfully,  
for BHARAT HEAVY ELECTRICALS LTD

ENGR (SCT)

Encl

- 1.0 VOL-III- PRICE SCHEDULE, REV-01
- 2.0 Revised 'No deviation certificate' format .

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, Fabrication, Manufacturing, Assembly, Inspection, Testing at manufacturer's/ sub-vendor's works, painting, proper packing, transportation, delivery, unloading, receipt, Erection, Testing, Commissioning, trial run, performance & guarantee test and handing over of 'CW Chlorination And Absorption System' package for 1x500 MW Bokaro-A TPS .	
Ref	1.0	Tender no PSER:SCT:BOK-M1334:12
	2.0	BHEL's NIT, vide ref no Ref: PSER:SCT:BOK-M1334:12 Dated 23/04/2012
	3.0	BHEL's TCN-01 , vide reference no Ref: PSER:SCT:BOK-M1334:TCN-01 Dated 14/05/2012 .
	4.0	Other references (if any).

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 फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : 23211798/ 1691
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<b>VOLUME-III PRICE SCHEDULE, REV-1</b>	
<b>Design, engineering, manufacturing, supply, erection, commissioning etc of 'CW Chlorination And Absorption System' package for 1x500 MW Bokaro-A TPS</b>	
<b>TENDER NO - PSER:SCT:BOK-M1334:12</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 & except for tender on lumpsum basis, for all item rate based tenders, the quantities of the various items mentioned in price schedule 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  
PRICE SCHEDULE, REV-1**

**Design, engineering, manufacturing, supply, erection, commissioning etc of 'CW Chlorination And Absorption System' package for 1x500 MW Bokaro-A TPS**

**TENDER NO - PSER:SCT:BOK-M1334:12**

**SCH-1 - TOTAL PRICE**

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	TOTAL QUOTED PRICE ( )
1.0	Total lump sum firm price on FOR site basis for design, engineering, manufacture, inspection, testing at manufacturer's works, supply/delivery duly packed at site including freight, unloading, storage and handling at site, erection and commissioning, trial run at site , PG test , plant handing over to customer etc. inclusive of all prevailing taxes, duties and other levies of CW CHLORINATION PLANT complete with all accessories, start up and commissioning spares as required for the total scope defined as per BHEL Technical specification - PE-TS-317-174-A001 as required for safe and trouble free smooth operation for 1x500 MW Bokaro-A TPS.	

**2.0 TOTAL**

**NOTE**

1.0	Bidder to note that total price indicated above at 2.0 shall be considered for evaluation as such, shall be complete in all respect for the full scope defined and considering all terms & conditions.
2.0	Bidder to furnish break-up of total price (1.0 above of this SCH-1) into other schedules in the following manner. While, evaluation will be done on 1.0 above, separate orders will be placed by BHEL based on subsequent break-up of prices.
2.1	SCH-2 - Total price break-up of CW Chlorination Plant Package into supply price & service price.
3.0	Total price of 1.1 & 1.2 should match with 1.0.
4.0	If freight component is not specifically indicated, 2 % of total amount will be considered as freight component against each item for further processing.
5.0	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.
6.0	Price format shall not be changed by bidder in any case, since it may lead to cancellation of bidder's offer.

**VOLUME-III  
PRICE SCHEDULE, REV-1**

**Design, engineering, manufacturing, supply, erection, commissioning etc of 'CW Chlorination And Absorption System' package for 1x500 MW Bokaro-A TPS**

**TENDER NO - PSER:SCT:BOK-M1334:12**

**SCH-2 - CW CHLORINATION PLANT PACKAGE SUPPLY & SERVICE PRICE BREAK-UP**

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	QUOTED PRICE (Rs)					TOTAL PRICE
		BASIC PRICE	ED (If any, as per tender)	ST (If any, as per tender)	VAT (If any, as per tender)	FREIGHT	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(3+4+5+6+7)
<b>Price break-up of 2.0 of SCH-1.</b>							
1.1	Total lump sum price on FOR site basis on Design, engineering, manufacture, assembly, tests at manufacturer's works, forwarding, transportation, delivery of entire CW CHLORINATION PLANT to the site including Start up and commissioning spares as required , as defined subsequently complete with all accessories, auxiliaries and ancillaries as specified in Technical specification No. PE-TS-317-174-A001 as required for safe and trouble free smooth operation for 1x500 MW Bokaro-A TPS .						
1.2	Total lump sum price for unloading, handling, storage, and in plant transportation at site, erection, commissioning trial run the entire CW CHLORINATION PLANT, as defined subsequently complete with all accessories, auxiliaries and ancillaries as specified in Technical specification No. PE-TS-317-174-A001 as required for safe and trouble free smooth operation for 1x500 MW Bokaro-A TPS .						
<b>TOTAL</b>							