



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Govt. of India Undertaking)

**TCN - 03**

Ref: PSER:SCT:BRN-M1066:TCN-03

Date: 16-12-2009

Sub	Tender change notice (TCN) 03.	
Job	Work of material management work involving receipt, unloading, handling, storage, preservation etc. and erection, testing & commissioning for power evacuation work of 1x20 MW STG + 1x150 TPH gas/ oil fired BIR, based CPP at IOCL Barauni Refinery Project.	
Ref	1.0	Tender no PSER:SCT:BRN-M1066:09.
	2.0	BHEL's NIT, vide reference no PSER:SCT:BRN-M1066:2049, dated 26-11-09.
	3.0	BHEL's TCN-01, vide reference no PSER:BRN-M1066:TCN-01, dated 04-12-09.
	4.0	BHEL's TCN-02, vide reference no PSER:BRN-M1066:TCN-02, dated 15-12-09.
	5.0	Other references (if any).

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

- 1.0 Extension of due date of submission from 18-12-09 to **21-12-2009 (15-00 hrs)**.
- 2.0 Revised Volume-III A, Price Schedule, Rev-2. Bidder shall quote as per this revised Volume-III A, Rev-2 only.
- 3.0 Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder to submit 'No deviation certificate' as per attached format only.
- 4.0 All other terms & conditions shall remain unchanged.

Based on above, offer shall be submitted by due date.

Thanking you,

Yours faithfully,  
for BHARAT HEAVY ELECTRICALS LTD

ENGG (SCT)

Encl

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

<b>TENDER NO</b>	<b>PSER:SCT:BRN-M1066:09</b>	
<b>VOLUME</b>	<b>IIIA, REV-2</b>	<b>PRICE SCHEDULE (ABSOLUTE VALUE)</b>

<b>JOB</b>	<b>WORK OF MATERIAL MANAGEMENT WORK INVOLVING RECEIPT, UNLOADING, HANDLING, STORAGE, PRESERVATION ETC. AND ERECTION, TESTING &amp; COMMISSIONING FOR POWER EVACUATION WORK.</b>
<b>CAPACITY</b>	<b>1 X 20 MW STG + 1 X 150 TPH GAS/OIL FIRED BIR, BASED CPP</b>
<b>PROJECT</b>	<b>IOCL BARAUNI REFINERY PROJECT, BIHAR</b>

**BHARAT HEAVY ELECTRICALS LIMITED**  
**(A Govt Of India Undertaking)**  
**POWER SECTOR – EASTERN REGION**  
**PLOT – DJ 9/1, SECTOR II, SALT LAKE**  
**KOLKATA – 700 091**

<b>VOLUME-III A</b> <b>PRICE SCHEDULE, REV-2</b>	
<b>Work of material management work involving receipt, unloading, handling, storage, preservation etc. and erection, testing &amp; commissioning for power evacuation work of 1 x 20 MW STG + 1 x 150 TPH gas/oil fired BIR, based CPP at IOCL Barauni refinery project.</b>	
<b>TENDER NO - PSER:SCT:BRN-M1066:09</b>	
<b>PREAMBLE</b>	
1.0	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 – II and other tender sections as applicable.
2.0	The work shall be carried out strictly as per specifications, description of the items in these schedule and / or engineer's instructions.
3.0	Items of work provided in this schedule but not covered in this specification shall be executed strictly as per instruction of the engineer.
4.0	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.
5.0	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 thirty percent ( $\pm 30\%$ ) of the awarded price as per LOI .
6.0	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.
7.0	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.
8.0	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.
9.0	The tenderer shall be deemed to have visited site and made himself aware of all the site conditions, studied the specifications, details of instruments/panels/equipments to be dismantled/reuse etc. and details of work to be done within the time schedule as per tender conditions and to have acquainted himself of the conditions prevailing at site.
10.0	No splitting of the job is envisaged. Decision of BHEL in this regard shall be final and binding to the bidders.
11.0	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.
12.0	Size , dimensions and weights of various items are mentioned in the attached BOQ cum rate/price schedule for reference purpose. These shall be utilised as per relevant sections of tender. Bidders shall quote for each item in the rate 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.
<b>Note : Bidders to note the following for quoting their rates.</b>	
<b>A) Only authorised persons of bidder having power should sign in the price bid. All the pages must be signed.</b>	
<b>B) For bid evaluation purpose (deciding L1), grand total price of all the items of rate schedule shall be considered.</b>	
<b>C) Quoted rates shall be inclusive of all taxes, duties etc., except service tax as per tender terms. Service tax(as applicable) shall be payable/reimbursable extra as per tender terms.</b>	

VOLUME-III A PRICE SCHEDULE, REV-2			
Work of material management work involving receipt, unloading, handling, storage, preservation etc. and erection, testing & commissioning for power evacuation work of 1 x 20 MW STG + 1 x 150 TPH gas/oil fired BIR, based CPP at IOCL Barauni refinery project.			
TENDER NO - PSER:SCT:BRN-M1066:09			
SCH-1 - SUMMARY PRICE			
SL NO	DESCRIPTION OF WORK	PRICE SCHEDULE REF	AMOUNT (Rs)
1.0	MATERIAL MANAGEMENT WORK INVOLVING RECEIPT, UNLOADING,HANDLING,STORING, PRESERVATION ETC.	SCH-2	
2.0	ERECTION, TESTING AND COMMISSIONING OF POWER EVACUATION PACKAGE	SCH-3	
3.0	SUPPLY, ERECTION, TESTING, COMMISSIONING OF MISCELLANEOUS ITEMS REQUIRED FOR THE SUBSTATION	SCH-4	
4.0	TOTAL PRICE (1.0+2.0+3.0)		
NOTE			
01	Bidder to note that total price at sl no 4.0 above will be taken into account for evalution & awarding and shall be complete in all respects as per specification and terms & conditions of tender.		
02	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.		
03	In case, prices indicated above under sl no 1.0,2.0 & 3.0 does not match with further break-up given in relevant part of this price schedule, the highest price so calculated shall be considered for evaluation, but in case of order, the same shall be placed at the lowest price.		
04	Bidder shall not tamper price schedule format. If found tampered at later date, the candidature will be summerily rejected.		
05	Bidder shall take into account of dimensional details furnished in this schedule while quoting.		

VOLUME - IIIA PRICE SCHEDULE, REV-2					
Work of material management work involving receipt, unloading, handling, storage, preservation etc. and erection, testing & commissioning for power evacuation work of 1 x 20 MW STG + 1 x 150 TPH gas/oil fired BIR, based CPP at IOCL Barauni refinery project.					
TENDER NO - PSER:SCT:BRN-M1066:09					
SCH-2- MATERIAL MANAGEMENT WORK					
SL NO	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT RATE (Rs)	AMOUNT (Rs)
(1)	(2)	(3)		(4)	(5)=(3)x(4)
1.0	Receipt/ taking delivery of materials at project site, unloading from trucks/ trailers, shifting to site stores/ storage yard/ work site, verification, stacking, storage & issue/ handing over to BHEL's erection contractor of cable tray, cable,pannels items and various power evacuation items, materials/ components including providing services for materials management as detailed in tender and as directed by BHEL engineer.	500	MT		
2.0	Receipt/ taking delivery of materials, unloading from wagon at Barauni/Mokama/ Patna/ nearest railway station or railway godown at Barauni/Patna/Mokama/ nearest rly stn, reloading and transportation to stores/ store yard/ work site, unloading, shifting and stacking, including verification, at site stores/ storage yard/ work site as directed by BHEL & issue/ handing over to erection contractor and as per tender and as directed by BHEL engineer..	50	MT		
3.0	Receipt/ taking delivery of materials at transport company's godown at Barauni/Patna/ Mokama or within 50km rad+A1ius from the plant, reloading & transportation to stores/ store yard/ work site, unloading, shifting & stacking, including verification at site stores/ storage yard/ work site as directed by BHEL including issue/ handing over to erection contractor and as per scope given in tender and as directed by BHEL engineer.	50	MT		
4.0	Materials re-shifting.	150	MT		
5.0	Materials re-stacking.	150	MT		
6.0	Average single man hour rate including overtime, If any, supervision, use of required tools and tackles and other site expenses and incidentals including consumables/ preservatives for carrying out up-keepment, maintenance and preservation/ conservation work as per instruction of BHEL and as per scope given in tender and as directed by BHEL engineer.	2000	MAN-HR		
<b>TOTAL</b>					
<b>NOTE:-</b> RE- SHIFTING: IF DURING EXECUTION OF WORK, ANY MATERIAL WHICH IS ALREADY UNLOADED, VERIFIED, STACKED AT STORE YEARD/ STORE/ WORK SITE AS PER INSTRUCTION AND SATISFACTION OF BHEL SITE AUTHORITY, NEED TO BE RE- HANDLED/ RE- SHIFTED BEYOND 250MTRS. AT ANY OTHER PLACE WITHIN PROJECT PERMISES, ALL THE RELEVANT ACTIVITIES FOR ABOVE SHALL BE TERMED AS RE- SHIFTING AND IS INCLUDED IN THE SCOPE OF WORK.					

<b>VOLUME - IIIA</b> <b>PRICE SCHEDULE, REV-2</b>						
<b>Work of material management work involving receipt, unloading, handling, storage, preservation etc. and erection, testing &amp; commissioning for power evacuation work of 1 x 20 MW STG + 1 x 150 TPH gas/oil fired BIR, based CPP at IOCL Barauni refinery project.</b>						
<b>TENDER NO - PSER:SCT:BRN-M1066:09</b>						
<b>SCH-3-POWER EVACUATION JOB</b>						
SL NO	ITEM DESCRIPTION	QTY	UNIT	DIMENSION(LXDXH)mm	UNIT RATE (Rs)	AMOUNT (Rs)
(1)	(2)	(3)			(4)	(5)=(3)x(4)
1.0	Adaptor panels for Extension Mod. Of existing 6.9 KV SWBD.	2	NO	2460X2630X2692		
1.1	New 6.9 KV, 2500 A, 40 KA Generation SWBD	16	NO	6570X2630X2692		
1.2	New 6.6 KV, 2500 A, 40 KA Distribution SWBD	21	NO	17220X2630X2692		
1.3	6.6 KV,460Amp,137KVAR Earthing Transformer	1	NO	3000X3000X4000		
1.4	SCAP(Synchronizing control analyzer panel)	1	NO	4800X1200X2200		
2	<b>HT POWER CABLE</b>					
2.1	1 C X 1000 sqmm, 11 KV ( UE) Armored, Al Conductor, XLPE insulated FRLS PVC outer –	12500	MTRS			
2.2	1 C X 630 Sqmm, 11 KV ( UE) Armored, Cu Conductor, XLPE insulated FRLS PVC outer – sheathed cable	1000	MTRS			
2.3	Cable Kit for 1C X1000 sq.mm, 11KV Cu. Cables.	100	NO			
2.4	Cable Kit for 1C X1000 sq. Mm, 6.30/11 KV Al Cable	20	NO			
2.5	3CX240, 6.35/11 KV ( E) Armored, Al Conductor, XLPE insulated PVC outer- sheathed cable.	300	MTRS			
3.0	<b>LT POWER CABLE</b>					
3.1	4 C X 25 Sq. mm, 1.1 KV Armored Al. Conductor XLPE/PVC Insulated, FRLS outer sheathed	500	MTRS			
4	<b>CONTROL CABLES</b>					
4.1	3 C X 2.5 Sq.mm, 1.1 KV Armoured CU Conductor XLPE/PVC Insulated, FRLS outer sheathed.	1000	MTRS			
5.0	<b>PRE FABRICATED CABLE TRAYS AND ACCESSORIES</b>					
5.1	600MM LDR ST RUN TRAY+ ACESSORIES+ COUPLER PLATES	1000	MTRS			
5.2	600MM HOR ELB LDR TRAY+ ACESSORIES+ COUPLER PLATES	25	MTRS			
5.3	600MM VER UP LDR TRAY+ ACESSORIES+ COUPLER PLATES	15	MTRS			
5.4	600MM VER DOWN LDR TRAY+ ACESSORIES+ COUPLER PLATES	15	MTRS			
5.5	600MM HOR TEE LDR TRAY+ ACESSORIES+ COUPLER PLATES	25	MTRS			
5.6	300MM LDR ST RUN TRAY+ ACESSORIES+ COUPLER PLATES	250	MTRS			

<b>VOLUME - IIIA</b> <b>PRICE SCHEDULE, REV-2</b>						
<b>Work of material management work involving receipt, unloading, handling, storage, preservation etc. and erection, testing &amp; commissioning for power evacuation work of 1 x 20 MW STG + 1 x 150 TPH gas/oil fired BIR, based CPP at IOCL Barauni refinery project.</b>						
<b>TENDER NO - PSER:SCT:BRN-M1066:09</b>						
<b>SCH-3-POWER EVACUATION JOB</b>						
SL NO	ITEM DESCRIPTION	QTY	UNIT	DIMENSION(LXDXH)mm	UNIT RATE (Rs)	AMOUNT (Rs)
(1)	(2)	(3)			(4)	(5)=(3)x(4)
5.7	300MM HOR ELB LDR TRAY+ ACESSORIES+ COUPLER PLATES	10	MTRS			
5.8	300MM VER UP LDR TRAY+ ACESSORIES+ COUPLER PLATES	5	MTRS			
5.9	300MM VER DOWN LDR TRAY+ ACESSORIES + COUPLER PLATES	5	MTRS			
5.10	300MM HOR TEE LDR TRAY+ ACESSORIES+ COUPLER PLATES	10	MTRS			
5.11	600MM PERF ST RUN TRAY+ ACESSORIES+ COUPLER PLATES	500	MTRS			
5.12	600MM HOR BEND PERF TRAY+ ACESSORIES+ COUPLER PLATES	800	MTRS			
5.13	600MM VER UP PERF TRAY+ ACESSORIES + COUPLER PLATES	15	MTRS			
5.14	600MM VER DOWN PERF TRAY+ACESSORIES+ COUPLER PLATES	10	MTRS			
5.15	600MM HOR TEE PERF TRAY+ ACESSORIES+COUPLER PLATES	15	MTRS			
5.16	300MM PERF ST RUN TRAY+ACESSORIES+ COUPLER PLATES	250	MTRS			
5.17	300MM HOR BEND PERF TRAY+ ACESSORIES+ COUPLER PLATES	10	MTRS			
5.18	300MM VER UP PERF TRAY+ ACESSORIES+ COUPLER PLATES	5	MTRS			
5.19	300MM VER DOWN PERF TRAY+ ACESSORIES+ COUPLER PLATES	5	MTRS			
5.20	300MM HOR TEE PERF TRAY+ ACESSORIES+ COUPLER PLATES	10	MTRS			
5.21	150MM PERF ST RUN TRAY+ACESSORIES+ COUPLER PLATES	200	MTRS			
5.22	50MM PERF ST RUN TRAY+ACESSORIES+ COUPLER PLATES	200	MTRS			
5.23	DRILLING OF GLAND PLATES OF ANY THIKNESS OF ASSORTED SIZE. UNIT RATE TO BE QUOTED PER HOLE	200	NOS			
6.0	<b>STRUCTURAL STEELS</b>					
6.1	ISMC 100x50x6 mm Channels	10000	KG			
7.0	<b>PLANT EARTHING MATERIALS</b>					
7.1	75x10mm GI Strip	500	MTRS			
7.2	65mm dia Pipe Electrode	30	MTRS			
7.3	50 x 6 mm GI Strip	500	MTRS			
7.4	25 x 3mm GI Strips	250	MTRS			
7.5	8SWG GI wire	250	MTRS			
7.6	16SWG GI wire	250	MTRS			

<b>VOLUME - IIIA</b> <b>PRICE SCHEDULE, REV-2</b>						
<b>Work of material management work involving receipt, unloading, handling, storage, preservation etc. and erection, testing &amp; commissioning for power evacuation work of 1 x 20 MW STG + 1 x 150 TPH gas/oil fired BIR, based CPP at IOCL Barauni refinery project.</b>						
<b>TENDER NO - PSER:SCT:BRN-M1066:09</b>						
<b>SCH-3-POWER EVACUATION JOB</b>						
SL NO	ITEM DESCRIPTION	QTY	UNIT	DIMENSION(LXDXH)mm	UNIT RATE (Rs)	AMOUNT (Rs)
(1)	(2)	(3)			(4)	(5)=(3)x(4)
8.0	<b>PLANT LIGHTNING PROTECTION</b>					
8.1	65mm dia, GI Pipe Electriode	5	MTRS			
8.2	50 x 6 mm GI Strip	100	MTRS			
8.3	35 x 6mm GI Strips	100	MTRS			
8.4	Vertical Air Termination Rod	2	MTRS			
<b>TOTAL</b>						
<b>NOTE</b>						
1.0	Materials under S.No. 6.1 are supplied for site to make supports for cable trays in the buried RCC trenches, Overhead tray arrangement on pipe racks and Cable Tray arrangement in Cellars & other arrangements as applicable for the project. Also these are required for making of frames for PB stations and junction boxes as per the project requirements.  All steel structure used for electrical installation shall be painted with one coat of Red Oxide Zinc Chromate Primer of approved shade for indoor installations.					
2.0	Unit rate of cable shell include laying, dressing, glanding & termination at both ends.					



VOLUME - IIIA PRICE SCHEDULE, REV-2					
Work of material management work involving receipt, unloading, handling, storage, preservation etc. and erection, testing & commissioning for power evacuation work of 1 x 20 MW STG + 1 x 150 TPH gas/oil fired BIR, based CPP at IOCL Barauni refinery project.					
TENDER NO - PSER:SCT:BRN-M1066:09					
SCH-4-SUPPLY & ERECTION OF MISCELLANEOUS ITEMS REQUIRED FOR THE SUBSTATION					
SL NO	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT RATE (Rs)	AMOUNT (Rs)
(1)	(2)	(3)		(4)	(5)=(3)x(4)
1.0	Multilingual shock hazard charts	10	NOS		
2.0	Danger boards for HTP LP switchboards	10	NOS		
3.0	First Aid boxes	2	SETS		
4.0	Sand buckets	2	NOS		
5.0	Rubber Grommet	1000	NOS		
6.0	Cable Glands & Lugs (Approved make/manufacturer of items to be supplied by bidders as per COMET or equivalent to be approved by BHEL.)				
6.1	HT Cable Glands				
6.1.1	1CX1000 Sq mm,6.6kv, Cu	20	NOS		
6.1.2	1CX1000 Sq mm,11kv, Cu	80	NOS		
6.1.3	1CX630 Sq mm,6.6kv, Al	10	NOS		
6.1.4	3CX240 Sq mm,6.6kv, Al	10	NOS		
6.2	LT Power Cable Glands				
6.2.1	1CX120 Sq mm,1.1kv, Al	20	NOS		
6.2.2	3CX240 Sq mm,1.1kv, Al	15	NOS		
6.2.3	3.5CX300 Sq mm,1.1kv, Al	100	NOS		
6.2.4	4 CX25 Sq mm,1.1kv Al	15	NOS		
6.2.5	4CX6 Sq mm,1.1kv Al	50	NOS		
6.2.6	3.5CX95 Sq mm,1.1kv, Al	15	NOS		
6.2.7	3.5CX50 Sq mm,1.1kv, Al	60	NOS		
6.3	Control Cable Glands				
6.3.1	3CX2.5 Sq mm,1.1kv, Cu	150	NOS		
6.3.2	5CX2.5 Sq mm,1.1kv, Cu	80	NOS		
6.3.3	7CX2.5 Sq mm,1.1kv, Cu	70	NOS		
6.3.4	10CX2.5 Sq mm,1.1kv, Cu	60	NOS		
6.3.5	16CX2.5 Sq mm,1.1kv, Cu	40	NOS		
6.3.6	19CX2.5 Sq mm,1.1kv, Cu	40	NOS		
6.4	HT Cable Lugs				
6.4.1	1CX1000 Sq mm,6.6kv, Cu	20	NOS		
6.4.2	1CX1000 Sq mm,11kv, Cu	80	NOS		
6.4.3	1CX630 Sq mm,6.6kv, Al	10	NOS		
6.4.4	3CX240 Sq mm,6.6kv, Al	30	NOS		
6.5	LT Power Cable Lugs				
6.5.1	1CX120 Sq mm,1.1kv, Al	20	NOS		
6.5.2	3CX240 Sq mm,1.1kv, Al	40	NOS		
6.5.3	3.5CX300 Sq mm,1.1kv, Al	400	NOS		
6.5.4	4 CX25 Sq mm,1.1kv Al	60	NOS		
6.5.5	4CX6 Sq mm,1.1kv Al	200	NOS		
6.5.6	3.5CX95 Sq mm,1.1kv, Al	40	NOS		
6.5.7	3.5CX50 Sq mm,1.1kv, Al	250	NOS		
6.6	Control Cable Lugs				
6.6.1	3CX2.5 Sq mm,1.1kv, Cu	400	NOS		
6.6.2	5CX2.5 Sq mm,1.1kv, Cu	400	NOS		
6.6.3	7CX2.5 Sq mm,1.1kv, Cu	500	NOS		

<b>VOLUME - IIIA</b> <b>PRICE SCHEDULE, REV-2</b>					
<b>Work of material management work involving receipt, unloading, handling, storage, preservation etc. and erection, testing &amp; commissioning for power evacuation work of 1 x 20 MW STG + 1 x 150 TPH gas/oil fired BIR, based CPP at IOCL Barauni refinery project.</b>					
<b>TENDER NO - PSER:SCT:BRN-M1066:09</b>					
<b>SCH-4-SUPPLY &amp; ERECTION OF MISCELLANEOUS ITEMS REQUIRED FOR THE SUBSTATION</b>					
SL NO	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT RATE (Rs)	AMOUNT (Rs)
(1)	(2)	(3)		(4)	(5)=(3)x(4)
6.6.4	10CX2.5 Sq mm,1.1kv, Cu	600	NOS		

VOLUME - IIIA PRICE SCHEDULE, REV-2					
Work of material management work involving receipt, unloading, handling, storage, preservation etc. and erection, testing & commissioning for power evacuation work of 1 x 20 MW STG + 1 x 150 TPH gas/oil fired BIR, based CPP at IOCL Barauni refinery project.					
TENDER NO - PSER:SCT:BRN-M1066:09					
SCH-4-SUPPLY & ERECTION OF MISCELLANEOUS ITEMS REQUIRED FOR THE SUBSTATION					
SL NO	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT RATE (Rs)	AMOUNT (Rs)
(1)	(2)	(3)		(4)	(5)=(3)x(4)
6.6.5	16CX2.5 Sq mm,1.1kv, Cu	600	NOS		
6.6.6	19CX2.5 Sq mm,1.1kv, Cu	800	NOS		
7.0	6 mm thick chequered plate for covering cutouts in Switch Gear room. (Approved make/manufacturer of items to be supplied by bidders as per SAIL or equivalent to be approved by BHEL.)	1	TON		
8.0	One meter long earthing discharge rods. (Approved make/manufacturer of items to be supplied by bidders as per SAIL or equivalent to be approved by BHEL.)	5	NOS		
9.0	Cable Tags 2mm thick, 75mm long, 15mm width Aluminium Strips.	1000	NOS		
10.0	Trefoil clamps for single core cables –25mm wide 8SWG Aluminium Strips.	2500	NOS		
11.0	Clamps for Multicore cables---25x3mm Aluminium flats.	50	NOS		
12.0	3mm dia Nylon Cord.	10000	NOS		
13.0	GI Conduits of 100 or 150 mm diameter. Shall be medium duty, Class-"B" Type. Galvanizing thickness shall be minimum 75 microns. (Approved make/manufacturer of items to be supplied by bidders as per TATA/JINDAL or equivalent to be approved by BHEL)	400	MTRS		
14.0	Hume Pipes for cable at Road Crossing (200 NB)Shall comply to IS: 458.	10	MTRS		
15.0	PVC Conduits of 200 mm diameter. (Approved make/manufacturer of items to be supplied by bidders as per PLICA or equivalent to be approved by BHEL)	250	MTRS		
16.0	Rubber Mats	200	MTRS		
<b>TOTAL</b>					
<b>NOTE</b>					
1.0	The above unit rate shall include supply & erection .				

**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	Work of material management work involving receipt, unloading, handling, storage, preservation etc. and erection, testing & commissioning for power evacuation work of 1x20 MW STG + 1x150 TPH gas/oil fired BIR, based CPP at IOCL Barauni Refinery project.	
Ref	01	Tender no PSER:SCT:BRN-M1066:09.
	02	BHEL's NIT, vide reference no PSER:SCT:BRN-M1066:2049, dated 26-11-09.
	03	BHEL's TCN-01, vide reference no PSER:BRN-M1066:TCN-01, dated 04-12-09.
	04	BHEL's TCN-02, vide reference no PSER:BRN-M1066:TCN-02, dated 15-12-09.
	05	BHEL's TCN-03, vide reference no PSER:BRN-M1066:TCN-03, dated 16-12-09.
	06	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 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)