



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN – 06

Ref: PSER:SCT:LPT-I1297:TCN-06

Date: 03-02-2012

Sub	Tender change notice (TCN) 05.	
Job	Erection, testing, commissioning etc of complete C&I system including all max system & panels , MMI system for GT, STG, SG and station C&I, etc for 53 MW Lepetkata CAPP , Assam .	
Ref	1.0	Tender no PSER:SCT: LPT-I1297:11.
	2.0	BHEL's NIT, vide reference no PSER:SCT:LPT-I1297:2646, dated 29-12-2011
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:LPT-I1297:TCN-01, dated 06-01-2012
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:LPT-I1297:TCN-02, dated 12-01-2012.
	5.0	BHEL's TCN-03, vide reference no PSER:SCT:LPT-I1297:TCN-03, dated 16-01-2012
	6.0	BHEL's TCN-04, vide reference no PSER:SCT:LPT-I1297:TCN-04, dated 25-01-2012
	7.0	BHEL's TCN-05, vide reference no PSER:SCT:LPT-I1297:TCN-05, dated 01-02-2012
	8.0	All other pertinent issues till date.

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

- 1.0 Revised Price Schedule, Volume-III A, Rev-1 attached. Bidder shall quote as per this revised Volume-III A, Rev-1 only.
- 2.0 Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder shall submit no deviation certificate as per enclosed format only.
- 3.0 All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

ENGR (SCT)

Encl

1.0 As above.

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

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

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211691, 23211798, 23211796

VOLUME-III PRICE SCHEDULE, REV-1	
Erection, commissioning etc of control & instrumentation (C&I) System for 53 MW Combined Cycle Power Plant at Lepetkata, BCPL, Assam.	
TENDER NO - PSER:SCT:LPT-11297:11	
PREAMBLE	
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 other volumes of tender 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, 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.
5.0	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 +/- 20% (Twenty percent) of the contract price given in the L1/IA/O.
6.0	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.
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 & accepted.
9.0	The tender shall be deemed to have studied the specifications, details of work to be done within the time schedule attached and to have acquainted himself of the conditions prevailing at site.
10.0	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.
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.

Other field / control instruments/ equipments as per final construction documents.(Turbovisory)
REMOVAL, CALIBRATION, RE-MOUNTING AND COMMISSIONING OF skid mounted instruments for
sub packages like pressure gauge 50 nos, temperature gauge 20 nos, pressure
transmitter 20 nos, temperature transmitter 10 nos.

Mster clock system, 800MM x 800MM x 2185MM.

JBs forr Mster clock system 800MM x 800MM x 2185MM. maxDNA HMI system along with ethernet S/W.		
1.59. UTP cables laying and termination	3000 MTR	2
1.59. Work station /Engineering station comprising of Pc, monitor, keyboard.	20 SET	6
1.59. Laserget/inkjet/ dotmatrix Printer	15 NO	7

ISMC 100x50x6 mm channels./ ISMC 75x50x6 mm

ISA 50x50x6 mm runner angle/ ISA 25x25x6 mm runner angle.

VOLUME-III A		
PRICE SCHEDULE, REV-1		
Erection, commissioning etc of control & instrumentation (C&I) System for 53 MW Combined Cycle Power Plant at Lepetkata, BCPL, Assam.		
TENDER NO - PSER:SCT:LPT-I1297:11		
SCH-1 - TOTAL PRICE		
SL NO	DESCRIPTION	AMOUNT ()
1.0	Total price for Erection, commissioning etc of control & instrumentation (C&I) System for 53 MW Combined Cycle Power Plant at Lepetkata, BCPL, Assam.	

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

Erection, commissioning etc of control & instrumentation (C&I) System for 53 MW Combined Cycle Power Plant at Lepetkata, BCPL, Assam.

TENDER NO - PSER:SCT:LPT-I1297:11

SCH-2 ITEM-WISE BREAK-UP OF SERVICE PRICE

SL NO	DESCRIPTION OF ITEM	QTY	RATE (^o)	AMOUNT (^o)	BILLING SCHEDULE SL NO
1.0	PART-1.0 (C&I SYSTEM)				
1.1	Mass flow meter/ Vortex flow meters (Mass flow meter for HFO line (HFO-IS1593/LFO-IS1460) with remote sensing unit.	5	NO		7
1.2	Differential pressure transmitters (Pressure transmitters/ Diff pressure transmitter).	120	NO		7
1.3	Control valve with HART positioners (Excluding erection of valves but including erection of accessories)	60	NO		8
1.4	Level gauges (reflex type).	10	NO		7
1.5	Level switches.	10	NO		7
1.6	Displacer type level transmitter.	10	NO		7
1.7	PRDS and control valves (Excluding erection of valves but including erection of accessories)	5	NO		8
1.8	Pressure gauge - water & steam services high pr.	150	NO		7
1.9	Diff pressure gauges.	15	NO		7
1.10	Pressure switches.	15	NO		7
1.11	Pressure transmitters.	120	NO		7
1.12	Temperature element (Thermo couple K/R type).	45	NO		7
1.13	Temperature element (RTD).	40	NO		7
1.14	Temperature gauges.	140	NO		7
1.15	Temperature transmitters.	35	NO		7
1.16	On-off control valves. Type: pneumatic ON/OFF control valve (instrumentation job only).	20	NO		8
1.17	Hand held communicator.	5	NO		7
1.18	Thermowells.	140	NO		7
1.19	Radar level instruments/ Level transmitters (Guided wave radar type level transmitter).	15	NO		7
1.20	Ultrasonic flow transmitters.	15	NO		7
1.21	Annubar.	5	NO		7
1.22	Rotameters (By-pass rotameter).	4	NO		7
1.23	Other field / control instruments/ equipments as per final construction documents.(Turbovisory)	50	NO		7
1.24	REMOVAL, CALIBRATION, RE-MOUNTING AND COMMISSIONING OF skid mounted instruments for sub packages like pr guage 50 nos, temp guage 20 nos, pr transmitter 20 nos, temp transmitter 10 nos.	100	NO		7
1.25	Instrument air system.				

SL NO	DESCRIPTION OF ITEM	QTY	RATE ()	AMOUNT ()	BILLING SCHEDULE SL NO
1.25.1	Pr guage.	70	NO		7
1.25.2	Temp guage.	10	NO		7
1.25.3	Pr transmitter.	20	NO		7
1.26	Gas conditioning system.				
1.26.1	Level guage.	20	NO		7
1.26.2	Level transmitter.	10	NO		7
1.26.3	Pr guage.	20	NO		7
1.26.4	Pr transmitter.	20	NO		7
1.26.5	DP guage.	20	NO		7
1.26.6	DP transmiiter.	10	NO		7
1.27	Various storage and drain tanks etc.				
1.27.1	Level guage.	20	NO		7
1.27.2	Level transmitter.	10	NO		7
1.27.3	Pr guage.	20	NO		7
1.27.4	Pr transmitter.	20	NO		7
1.27.5	Temp guage.	10	NO		7
1.27.6	Temp transmitter.	10	NO		7
1.28	Gauge boards on equipment skids.	20	NO		7
1.29	EWLI.	4	SET		7
1.30	Thermocouple.	18	NO		7
1.31	MTM thermocouple.	44	NO		7
1.32	Condensing pot.	24	NO		7
1.33	Ex proof LM6 junction box.	62	NO		3
1.34	Ex proof LM6 push botton box.	14	NO		3
1.35	Screened cable (1Px1.5 sqmm).	2400	MTR		2
1.36	Screened cable (12Px0.5 sqmm).	6000	MTR		2
1.37	Power cable (3Cx4 sqmm Cu).	30000	MTR		2
1.38	Control cable (7Cx2.5 sqmm Cu).	6400	MTR		2
1.39	Smoke density analyzer.	2	SET		7
1.40	Oxygen analyzer.	2	SET		6
1.41	SOX, NOX, CO analyzer, 800(W) x 800(D) x 2115(H).	2	SET		6
1.42	SWAS analyzer, dry panel: 2500(W) x 1000(D) x 2100(H), wet panel: 1500(W) x 600(D) x 2100(H).	2	SET		6
1.43	HC analyzer, 800(W) x 600(D) x 2100(H) Panel	2	SET		6
1.44	Flame scanner alongwith accessories	10	SET		6
1.45	Local burner panel, 1200(W) x 800(D) x 2000(H).	2	SET		6
1.46	Burner management system (BMS), 800(W) x 800(D) x 2100(H).	2	SET		6
1.47	DC starter box, 900(W) x 450(D) x 1675(H).	2	SET		6
1.48	Earthing material, GI flat 50 x 4, 25 x 4.	250	MTR		7
1.49	Earthing material, 8 SWG GI wire.	50	MTR		7

SL NO	DESCRIPTION OF ITEM	QTY	RATE ()	AMOUNT ()	BILLING SCHEDULE SL NO
1.50	FSSS panel.	45	NO		6
1.51	MARK-VIe GT control system, 2260MM x 900MM x 2400MM.	2	NO		6
1.52	DAVR, 1250MM x 1250MM x 2315MM.	3	NO		6
1.53	Mster clock system, 800MM x 800MM x 2185MM.	1	NO		6
1.54	HMI system, 1200MM x 800MM x 2400MM. Suite/ set of two.	1	SET		6
1.55	maxDNA based STG & DCS/ BOP system, 750MM x 750MM x 2315MM. Suite/ set of two.	54	SET		6
1.56	STG 1Cx0.5 sqmm cables.	15	KM		2
1.57	Relay panels, 800MM x 800MM x 2185MM.	2	NO		6
1.58	JBs for Mster clock system 800MM x 800MM x 2185MM.	15	NO		3
1.59	maxDNA HMI system along with ethernet S/W.	1	LOT		7
1.59.1	UTP cables laying and termination	3000	MTR		2
1.59.2	Work station /Engineering station comprising of Pc, monitor, keyboard.	20	SET		6
1.59.3	Laserjet/inkjet/ dotmatrix Printer	15	NO		7
1.60	Network panel, 800MM x 800MM x 2185MM.	2	NO		6
1.61	MS flat 50 x 6.	500	KG		5
1.62	MS angle 25 x 25 x 6.	500	KG		5
1.63	Needle valve.	200	NO		7
1.64	Gate valves.	500	NO		7
1.65	Globe valves.	2000	NO		7
1.66	Ball valves.	1200	NO		7
1.67	Condensing chambers and syphons.	250	NO		7
1.68	Air filter regulators.	200	NO		7
1.69	Impulse pipes & tubes for impulse connection for instrument hookup.				
1.69.1	SS tube 12.7 x 2.1 mm.	2200	MTR		4
1.69.2	SS pipe 21.3 x 3.7 mm.	5000	MTR		4
1.69.3	SS pipe 33.4 x 3.4 mm.	2000	MTR		4
1.69.4	SS tube 6 mm.	2000	MTR		4
1.69.5	CS pipe 21.3 x 4.74 mm.	2500	MTR		4
1.69.6	AS pipe 21.3 x 4.74 mm.	2500	MTR		4
1.69.7	SS pipes 1" for instrument air.	2000	MTR		4
1.70	AC UPS system consisting of battery banks, Inverter & charger panels - 3 nos, distribution boards, capacity = 2 x 100 KVA approx, charger panel size 8000 x 1200 x 2200 mm (2 sets), battery sizes 4000 x 4000 x 1600 mm (54 cells each, 4 sets).	3	SET		6
1.71	Vibration monitoring system, located at rack room. Scope includes, E&C of operator consoles, printers marshalling panels, I/O & system panels - 1 no networking cables, inter panel cables hardwired consoles etc, mounting of probes in filed furniture cabling from field to panel in control room & to other panels.	2	SET		6

SL NO	DESCRIPTION OF ITEM	QTY	RATE ()	AMOUNT ()	BILLING SCHEDULE SL NO
1.72	SWAS system for BOP sampling system consisting of dry & wet analyser panels in SWAS room for BOP, size: 3000 x 1200 x 2200.	3 SET			6
1.73	Telephone system. The system shall be provided for internal communication within the proposed plant facilities. System shall consists of exchange panels (Free issue by BCPL/ EIL], MDF/ IDF handsets, outdoor wall mounted handsets, outdoor ex proof wall mounted handsets, outdoor & indoor loudspeakers, acoustic hoods, becon lamps, installation of free issue items, instllation of JBs as required, cable glanding, terminations as required (Preliminary block diagram for telephone system , installation of all the materials, panels, JBs, handsets, conduits in outdoor (if required), etc, installation of customer free issue items, conceled conduit laying in buildings, cable laying & termination - Out door & indoor.	1 SET			7
1.74	Public address system. The system shall be provided for internal communication within the proposed plant facilities. System shall consists of exchange panels - MDF/ IDF - handsets flush type outdoor wall mounted handsets outdoor ex proof wall mounted 1 SET 7 type, handsets, handsets, outdoor & indoor loudspeakers - acoustic hoods, becon lamps, installation of free issue items, instllation of JBs as required, cable laying, glanding, terminations as required (Preliminary block diagram for telephone system , installation of conduits in outdoor (if required), conceled conduit laying in buildings cable laying - out door & indoor.	1 SET			7
1.75	LAN system, consisting of following.				
1.75.1	Patch panel wall mounted type, LAN switches, power supply module & connection, information outlet boxes as per layout, optical fiber cables, cable glanding, terminations as required location & quantities of speakers & handsets within battery limit to be finalise during detail enginnering, installation of conduits in outdoor (if required), conceled conduit laying in buildings, cable laying - out door & indoor including optical fibre cable laying.	1 SET			7
1.75.2	Instrument work shop instruments, work bench etc.	1 SET			7
1.76	BOP PLC system (located at rack room & operator room) - 3 nos printers, 42 panels, 3 nos PC with key board. Scope includes, E&C of operator consoles, printers marshalling panels, I/O & system panels networking cables, Inter panel cables hardwired consoles etc, furniture, cabling from field to panel in control room & to other panels.	1 SET			6
1.77	CCTV system (located at rack room & operator room). Scope includes E&C of CCTV cameras - 6 nos, CCTV consoles/ monitors, printers system panels, networking cables, furniture cabling from field to panel in control room & to other panels.	1 SET			6

SL NO	DESCRIPTION OF ITEM	QTY	RATE ()	AMOUNT ()	BILLING SCHEDULE SL NO
1.78	CABLE : (Laying and termination) cable lugs are to be provided by the bidder free of cost . Hence bidder to take care while quoting				
1.78.1	1P x 1.5 sqmm, (Individual & overall shielded) Intrinsic safe.	8000 MTR			2
1.78.2	1P x 1.5 sqmm, (Individual & overall shielded) non-Intrinsic safe.	25000 MTR			2
1.78.3	6P x 1.5 sqmm (Individual & overall shielded) Intrinsic safe.	10000 MTR			2
1.78.4	6P x 1.5 sqmm (Individual & overall shielded) non intrinsic safe.	40000 MTR			2
1.78.5	12P x 1.5 sqmm (Individual & overall shielded) intrinsic safe.	20000 MTR			2
1.78.6	12P x 1.5 sqmm (Individual & overall shielded) non intrinsic safe.	60000 MTR			2
1.78.7	1T x 1.5 sqmm, individual & overall shielded triad cable.	3500 MTR			2
1.78.8	8T x 1.5 sqmm individual & overall shielded triad cable.	12000 MTR			2
1.78.9	1P x 16 AWG Cr-Al extention cable.	2000 MTR			2
1.78.10	12P x 20 AWG Cr-Al extension cable.	14000 MTR			2
1.78.11	Optical fiber cables.	5000 MTR			2
1.78.12	Cables for CCTV system.				
1.78.12.1	3C x 1.5 mm control cable (control & video signal).	3000 MTR			2
1.78.12.2	3 C x 1.5 sqmm power cable.	4000 MTR			2
1.78.12.3	6 P x 1.5 sqmm.	4000 MTR			2
1.78.13	Cables for public address (PA) system. (Laying and termination)				
1.78.13.1	2P x 1.5 sqmm.	6000 MTR			2
1.78.13.2	4P x 1.5 sqmm.	4000 MTR			2
1.78.13.3	20P x 1.5 sqmm.	3000 MTR			2
1.78.14	Cables for telephone system. (Laying and termination)				
1.78.14.1	2P x 0.9 sqmm non intrinsic safe.	9000 MTR			2
1.78.14.2	4P x 0.9 sqmm non intrinsic safe.	5000 MTR			2
1.78.14.3	10P x 0.9 sqmm non intrinsic safe.	4000 MTR			2
1.78.14.4	20P x 0.9 sqmm non intrinsic safe.	4000 MTR			2
1.78.15	Cables for LAN system system.	5000 MTR			2
1.79	Explosion/ weather proof junction box, junction boxes for boiler.	300	NOS		3
1.80	Instruments junction box , junction boxes for boiler.	400	NOS		3
1.81	PRE FABRICATED CABLE TRAYS AND ACCESSORIES				
1.81.1	600mm (W) perforated type cable tray.	400	NO		1
1.81.2	300mm (W) perforated type cable tray.	200	NO		1
1.81.3	150mm (W) perforated type cable tray.	300	NO		1
1.81.4	50mm (W) perforated type cable tray.	300	NO		1
1.81.5	Cover for perforated type cable tray, W=600mm.	200	NO		1

SL NO	DESCRIPTION OF ITEM	QTY	RATE ()	AMOUNT ()	BILLING SCHEDULE SL NO
1.81.6	Cover for perforated type cable tray, W=300mm.	200	NO		1
1.81.7	Cover for perforated type cable tray, W=150mm.	300	NO		1
1.81.8	Cover for perforated type cable tray, W=50mm.	300	NO		1
1.81.9	HOR TEE of 900mm bending rad & coupler plates for 600mm width perforated type.	20	NO		1
1.81.10	HOR BEND of 900mm bending rad & coupler plate for 600mm width perforated type.	30	NO		1
1.81.11	Vertical up of 900mm bending radius with coupler plates for perforated type cable tray, W=600mm.	20	NO		1
1.81.12	Vertical down of 900mm bending radius with coupler plates for perforated type cable tray, W=600mm.	20	NO		1
1.81.13	600mm to 300mm left hand reducer & with coupler plates for perforated type.	20	NO		1
1.81.14	600mm to 300mm right hand reducer & with coupler plates for perforated type.	20	NO		1
1.81.15	HOR BEND of 600mm bending rad & coupler plate for 300mm width perforated type.	20	NO		1
1.81.16	Vertical up of 600mm bending radius with coupler plates for perforated type cable tray, W=300mm.	20	NO		1
1.81.17	Vertical down of 600mm bending radius with coupler plates for perforated type cable tray, W=300mm.	20	NO		1
1.81.18	300mm to 150mm right hand reducer & with coupler plates for perforated type.	20	NO		1
1.81.19	300mm to 150mm left hand reducer & with coupler plates for perforated type.	20	NO		1
1.82	CABLE DUCTS AND ACCESSORIES PACKAGE				
1.82.1	800mm width, 300mm height straight run duct with accessories including joining plate-CAT1.of standard length	50	NO		1
1.82.2	800mm width, 300mm height duct equal tee (Type-A) with accessories including joining plate-CAT1.	10	NO		1
1.82.3	800mm width, 300mm height duct equal tee (Type-B) with accessories including joining plate-CAT1.	10	NO		1
1.82.4	800mm width, 300mm height duct elbow (horizontal plane) - (Type-A) with accessories including joining plate-CAT 1.	10	NO		1
1.82.5	800mm width, 300mm height duct elbow (horizontal plane) - (Type-B) with accessories including joining plate-CAT 1.	10	NO		1
1.82.6	800mm width, 300mm Height duct elbow (vertical plane) (Type-A) with accessories including joining plate-CAT-1.	10	NO		1
1.82.7	800mm width, 300mm height duct elbow (vertical plane) (Type-B) with accessories including joining plate-CAT-1.	10	NO		1
1.82.8	800mm width to 400mm width, 200mm height duct width reducer –'M' path straight (Type A) with accessories including joining plate-CAT 1.	10	NO		1
1.82.9	End cover for 800mm width, 300mm height cable duct.	10	NO		1

SL NO	DESCRIPTION OF ITEM	QTY	RATE ()	AMOUNT ()	BILLING SCHEDULE SL NO
1.82.10	400mm width, 200mm height straight run duct with accessories including joining plate-CAT 1.	100	NO		1
1.82.11	400mm width, 200mm height duct elbow (horizontal plane) (Type-A) with accessories including joining plate-CAT 1.	20	NO		1
1.82.12	400mm width, 200mm height duct elbow (horizontal plane) (Type-B) with accessories including joining plate-CAT 2.	20	NO		1
1.82.13	400mm width, 200mm height duct elbow (vertical plane) (Type-A) with accessories including joining plate-CAT-1.	20	NO		1
1.82.14	400mm width, 200mm height duct elbow (vertical plane) (Type-B) with accessories including joining plate-CAT-1.	20	NO		1
1.82.15	End cover for 400mm width, 200mm height cable duct.	20	NO		1
1.83	STRUCTURAL STEELS (FABRICATION & ERECTION RATE ONLY. STEEL WILL BE SUPPLIED BY BHEL)				
1.83.1	ISMC 100x50x6 mm channels./ ISMC 75x50x6 mm	10000	KG		5
1.83.2	ISA 65x65x6 mm runner angle.	10000	KG		5
1.83.3	ISA 50x50x6 mm runner angle/ ISA 25x25x6 mm runner angle.	5000	KG		5
1.84	MISCELLANEOUS : Commissioning Only				
1.84.1	ON /OFF CONTROL VALVE / SOLENOID VALVES	35	NO		10
1.84.2	NRV VALVES, STOP VALVES , ELECT. CONTROL VALVES, etc. (Erection Excluded)	10	NO		10
1.84.3	PNEUMATIC CONTROL VALVES - (Erection Excluded)	20	NO		10
1.84.4	MOTORIZED VALVES - (REMOTE Commissioning Asst Only)	150	NO		10
1.84.5	LIMIT SWITCHES (Erection Excluded)	150	NO		10
1.84.6	BEARING/WINDING TEMPERATURE MONITORING RTDs / TCs FOR ELECTRICAL DRIVES with Integral JB (Commg only) (Each set consists of all RTDs/ TCs hooked upto an Integral JB)	10	SET		10
1.84.7	SKID / EQUIPMENT MOUNTED STANDALONE INSTRUMENTS - Removal , Calibration, Re-Mounting & Commg (PG/PS/TG/DPI /DPS/TS/RPM METER WITH PROBE/LS/LG /FS/FI ETC - Individual instrument wise)	50	NO		10
1.84.8	ELECTRONIC MASS FLOW METER (Commg Only)	8	NO		10
1.85	MISCELLANEOUS ITEMS :				
1.85.1	ERECTION OF CANOPY (As Supplied By BHEL / FABRICATED AT SITE WITH STD DIMENSION) (Sheet / Surplus Tray Cover : Free supply by BHEL)	5000	KG		5

SL NO	DESCRIPTION OF ITEM	QTY		RATE ()	AMOUNT ()	BILLING SCHEDULE SL NO
1.85.2	THERMOWELL - Erection Only (Threaded / Welded Type)	50	NO			7
1.85.3	Fabrication & Erection of all types of Racks, Supports ,Frames & Canopies etc. as reqd. (Supply of structural materials by BHEL)	5000	KG			5
1.85.4	SUPPLY OF CRIMPING LUGS (Upto 6 Sqmm) (Lumpsum) (As per requirement at Site till completion of job)	2000	NO			100% after receipt at site
1.85.5	ELECTRONIC EARTHING PITs : (Construction of Earth pit as per Drawing cum Spec of IOCL/ EIL including supply of all Materials for Civil Work & Earthing Electrode / Plate)	20	NO			7
1.85.6	Cable Gland :13-18mm	200	NO			100% after receipt at site
1.85.7	Cable Gland : 18.5-20mm	100	NO			100% after receipt at site

NOTE:

Bidder's above quoted price shall be exclusive of Service Tax, as specified in the relevant clause of Volume-IF

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	Erection, testing, commissioning etc of complete C&I system including all max system & panels , MMI system for GT, STG, SG and station C&I, etc for 53 MW Lepetkata CCPP , Assam .	
Ref	1.0	Tender no PSER:SCT:LPT-I1297:11
	2.0	BHEL's NIT, vide reference no PSER:SCT:LPT-I1297:2646, dated 29-12-2011
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:LPT-I1297:TCN-01, dated 06-01-2012
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:LPT-I1297:TCN-02, dated 12-01-2012
	5.0	BHEL's TCN-03, vide reference no PSER:SCT:LPT-I1297:TCN-03, dated 16-01-2012
	6.0	BHEL's TCN-04, vide reference no PSER:SCT:LPT-I1297:TCN-04, dated 25-01-2012
	7.0	BHEL's TCN-05, vide reference no PSER:SCT:LPT-I1297:TCN-05, dated 01-02-2012
	8.0	BHEL's TCN-06, vide reference no PSER:SCT:LPT-I1297:TCN-06, dated 03-02-2012
	9.0	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, SECTOR-II, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211691, 23211798, 23211796