

3.2A SCOPE/PRICE FORMAT FOR TECHNICAL CONFIRMATION**ELECTRICAL EQUIPMENT E&C WORKS BOQ FOR COAL HANDLING SYSTEM OF BTPS 1X700MW UNIT #3**

SL.NO	EQUIPMENT DESCRIPTION	Unit	Quantity	Unit Price (INR)	Total Price(INR)
A	TRANSFORMER				
A.1	11KV /433V, 2 MVA trafo @ MCC 8	Nos.	2		
A.2	11KV /433V, 3.15 MVA trafo @ MCC 9	Nos.	2		
A.3	11KV /433V, 1.6 MVA trafo @ MCC 10	Nos.	2		
A.4	Treated Electrical earth Pit for the above trafo's	Nos.	12		
B	LT BUS DUCT				
B.1	3200A, NSPB @ MCC 8 (near WT area)	set	2		
B.2	5000A, NSPB @ MCC 9 (near coal stock yard)	set	2		
B.3	2500A, NSPB @ MCC 10(near Bunker area)	set	2		
C	LT MCC				
C.1	3200A, Switch board @ MCC 8 (near WT area)	set	1		
C.2	5000A, Switch board @ MCC 9 (near coal stock yard)	set	1		
C.3	2500A, Switch board @ MCC 10(near Bunker area)	set	1		
D	BATTERY AND BATTERY CHARGER				
D.1	Battry Charger Panels @ MCC 8	set	1		
D.2	Battery Charger Panels @ MCC 9	set	1		
D.3	Batteries	set	2		
E	CABLE TRAYS				
E.1	Ladder Type-600 mm (W) X 100 mm (D)	Mtrs.	7,000		
E.2	Ladder Type-300 mm (W) X 100 mm (D)	Mtrs.	5,000		
E.3	Ladder Type-150 mm (W) X 100 mm (D)	Mtrs.	6,600		
E.4	Perforated Type-600 mm (W) X 100 mm (D)	Mtrs.	750		
E.5	Perforated Type-300 mm (W) X 100 mm (D)	Mtrs.	500		
E.6	Perforated Type-150 mm (W) X 100 mm (D)	Mtrs.	500		
E.7	Perforated Type-100 mm (W) X 100 mm (D)	Mtrs.	300		
E.8	Tray cover 600 mm	Mtrs.	50		
E.9	Tray cover 300 mm	Mtrs.	50		
E.10	Tray cover 150 mm	Mtrs.	50		

3.2A SCOPE/PRICE FORMAT FOR TECHNICAL CONFIRMATION**ELECTRICAL EQUIPMENT E&C WORKS BOQ FOR COAL HANDLING SYSTEM OF BTPS 1X700MW UNIT #3**

SL.NO	EQUIPMENT DESCRIPTION	Unit	Quantity	Unit Price (INR)	Total Price(INR)
F	CABLING				
	CABLE LAYING, DRESSING & TERMINATION				
F.1	HT 3.3KV, XLPE 3X185 sq.mm cable laying & dressing	Mtrs.	13000		
	LT Power, Control & Instrumentation cables laying & dressing				
	LT POWER CABLE				
F.2	1CX10 Sq mm Red Cu	Mtrs.	1000		
F.3	1CX10 Sq mm Black Cu	Mtrs.	1000		
F.4	2Cx 6 Sq.mm	Mtrs.	12500		
F.5	2C x 10 Sq. mm	Mtrs.	1500		
F.6	2C x 16 Sq. mm	Mtrs.	500		
F.7	3C x 6 Sq.mm	Mtrs.	30000		
F.8	3C x 10 Sq.mm	Mtrs.	3000		
F.9	3C x 16 Sq.mm	Mtrs.	5000		
F.10	3C x 25 Sq.mm	Mtrs.	3500		
F.11	3C x 35 Sq.mm	Mtrs.	4000		
F.12	3C x 50 Sq.mm	Mtrs.	2500		
F.13	3C x 70 Sq.mm	Mtrs.	1500		
F.14	3C x 95 Sq.mm	Mtrs.	2000		
F.15	3C x 120 Sq.mm	Mtrs.	8500		
F.16	3C x 150 Sq.mm	Mtrs.	1000		
F.17	3C x 185 Sq.mm	Mtrs.	1000		
F.18	3C x 240 Sq.mm	Mtrs.	1500		
F.19	3.5C x 25 Sq.mm	Mtrs.	5000		
F.20	3.5C x 35 Sq.mm	Mtrs.	9000		
F.21	3.5C x 50 Sq.mm	Mtrs.	7000		
F.22	3.5C x 70 Sq.mm	Mtrs.	6000		
F.23	3.5C x 95 Sq.mm	Mtrs.	5500		
F.24	3.5C x 120 Sq.mm	Mtrs.	2000		
F.25	3.5C x 150 Sq.mm	Mtrs.	4000		
F.26	3.5C x 185 Sq.mm	Mtrs.	500		

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SL.NO	EQUIPMENT DESCRIPTION	Unit	Quantity	Unit Price (INR)	Total Price(INR)
F.27	3.5C x 240 Sq.mm	Mtrs.	500		
F.28	4C x 6 Sq.mm	Mtrs.	3000		
F.29	4C x 10 Sq.mm	Mtrs.	1500		
F.30	4C x 16 Sq.mm	Mtrs.	4000		
	CONTROL CABLE				
F.31	2Cx 2.5 Sq.mm	Mtrs.	7500		
F.32	3Cx 2.5 Sq.mm	Mtrs.	15000		
F.33	5Cx 2.5 Sq.mm	Mtrs.	27600		
F.34	7Cx 2.5 Sq.mm	Mtrs.	16000		
F.35	12Cx 2.5 Sq.mm	Mtrs.	18400		
F.36	19Cx 2.5 Sq.mm	Mtrs.	20000		
F.37	24Cx 2.5 Sq.mm	Mtrs.	15000		
	Instrumentation & Screen Cable: -				
F.38	1P x 0.5 mm ² Cable	Mtrs.	1,500		
F.39	4T x 0.5 mm ² Cable	Mtrs.	500		
F.40	8T x 0.5 mm ² Cable	Mtrs.	500		
F.41	1P x 1.5 mm ² Cable	Mtrs.	1,000		
F.42	2P x 0.5 mm ² Cable	Mtrs.	4,000		
F.43	4P x 0.5 mm ² Cable	Mtrs.	2,000		
F.44	6P x 0.5 mm ² Cable	Mtrs.	2,000		
F.45	8P x 0.5 mm ² Cable	Mtrs.	1,000		
F.46	12P x 0.5 mm ² Cable	Mtrs.	500		
F.47	PLC Communication Cable- Optical/Coaxial Cable	Mtrs.	3,000		

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SL.NO	EQUIPMENT DESCRIPTION	Unit	Quantity	Unit Price (INR)	Total Price(INR)
	TERMINATION				
F.48	HT 3.3KV, XLPE 3X185 sq.mm cable Termination	Nos.	20		
	LT Power, Control & Instrumentation cables Termination				
	LT POWER CABLE				
F.49	1CX10 Sq mm Red Cu	Nos.	20		
F.50	1CX10 Sq mm Black Cu	Nos.	20		
F.51	2Cx 6 Sq.mm	Nos.	30		
F.52	2C x 10 Sq. mm	Nos.	30		
F.53	2C x 16 Sq. mm	Nos.	30		
F.54	3C x 6 Sq.mm	Nos.	100		
F.55	3C x 10 Sq.mm	Nos.	28		
F.56	3C x 16 Sq.mm	Nos.	32		
F.57	3C x 25 Sq.mm	Nos.	30		
F.58	3C x 35 Sq.mm	Nos.	26		
F.59	3C x 50 Sq.mm	Nos.	20		
F.60	3C x 70 Sq.mm	Nos.	16		
F.61	3C x 95 Sq.mm	Nos.	34		
F.62	3C x 120 Sq.mm	Nos.	40		
F.63	3C x 150 Sq.mm	Nos.	20		
F.64	3C x 185 Sq.mm	Nos.	22		
F.65	3C x 240 Sq.mm	Nos.	16		
F.66	3.5C x 25 Sq.mm	Nos.	20		
F.67	3.5C x 35 Sq.mm	Nos.	28		
F.68	3.5C x 50 Sq.mm	Nos.	40		
F.69	3.5C x 70 Sq.mm	Nos.	32		
F.70	3.5C x 95 Sq.mm	Nos.	28		
F.71	3.5C x 120 Sq.mm	Nos.	20		
F.72	3.5C x 150 Sq.mm	Nos.	24		
F.73	3.5C x 185 Sq.mm	Nos.	10		
F.74	3.5C x 240 Sq.mm	Nos.	10		

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3.2A SCOPE/PRICE FORMAT FOR TECHNICAL CONFIRMATION

ELECTRICAL EQUIPMENT E&C WORKS BOQ FOR COAL HANDLING SYSTEM OF BTPS 1X700MW UNIT #3

SL.NO	EQUIPMENT DESCRIPTION	Unit	Quantity	Unit Price (INR)	Total Price(INR)
F.75	4C x 6 Sq.mm	Nos.	20		
F.76	4C x 10 Sq.mm	Nos.	15		
F.77	4C x 16 Sq.mm	Nos.	22		
	CONTROL CABLE				
F.78	2Cx 2.5 Sq.mm	Nos.	46		
F.79	3Cx 2.5 Sq.mm	Nos.	78		
F.80	5Cx 2.5 Sq.mm	Nos.	80		
F.81	7Cx 2.5 Sq.mm	Nos.	72		
F.82	12Cx 2.5 Sq.mm	Nos.	66		
F.83	19Cx 2.5 Sq.mm	Nos.	70		
F.84	24Cx 2.5 Sq.mm	Nos.	60		
	Instrumentation & Screen Cable: -				
F.85	1P x 0.5 mm ² Cable	Nos.	100		
F.86	4T x 0.5 mm ² Cable	Nos.	20		
F.87	8T x 0.5 mm ² Cable	Nos.	20		
F.88	1P x 1.5 mm ² Cable	Nos.	98		
F.89	2P x 0.5 mm ² Cable	Nos.	80		
F.90	4P x 0.5 mm ² Cable	Nos.	75		
F.91	6P x 0.5 mm ² Cable	Nos.	60		
F.92	8P x 0.5 mm ² Cable	Nos.	50		
F.93	12P x 0.5 mm ² Cable	Nos.	50		
F.94	PLC Communication Cable Termination- Optical/Coaxial Cable	Nos.	30		

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SL.NO	EQUIPMENT DESCRIPTION	Unit	Quantity	Unit Price (INR)	Total Price(INR)
G	PLC SYSTEM				
G.1	PLC with I/o rack (Panel) in CHP Control Room	Nos.	3		
G.2	PLC RIO Panels in MCC 8 & MCC 9	Nos.	2		
G.3	PC's	Nos.	2		
G.4	Main Control desk	set	1		
G.5	Large Video Screen	Nos.	2		
G.6	UPS, 10KVA with, Batteries & ACDB	set	1		
G.7	Electronic earthing including connecting to respective panel with cable as per spec.	Nos.	6		
H	FIRE-PROOF SEALING OF CABLE PENETRATION Cables / cable tray openings in walls and floors or through pipe sleeves from one area to another or one elevation to another, between the units and within the same unit, shall be sealed by a fire-proof sealing system. The fireproof sealing system (FPSS) shall effectively prevent the spread of fire from the flaming to the non-flaming side, in the event of a fire. The FPSS shall conform to relevant standard.	Nos.	150		
I	Grounding /EarthingProtection for CHP				
I.1	32 mm Dia MS Rod	Mtrs	1,000		
I.2	50 x 10 GS FLAT	Mtrs	800		
I.3	25 x 6 GS FLAT	Mtrs	450		
I.4	25 x 3 GS FLAT	Mtrs	300		
I.5	8 SWG GI Wire	Mtrs	500		
I.6	Earth Electrode 40mm GI pipe-3m long	Nos	25		
I.7	Earth Electrode 32 mm MS Rod-3m long	Nos	50		
I.8	Test Earth pit (2 nos. per building)	nos.	8		
J	Lightning Protection System for CHP (Including laying, dressing, supply & fixing of clamps with required accessories as per spec.				
J.1	25 x 6 mm GI flat	Mts.	150		
J.2	20mm dia copper rod coated with lead, approx. 2000mm long	nos.	30		
J.3	25 x 6 mm galvanised steel conductor OR mild steel embedded in concrete	mts.	100		
J.4	40mm dia 3000 mm long Galvanised steel	nos.	15		
J.5	20-mm dia 3000mm long galvanised steel	nos.	20		
J.6	Test Earth pit (2 nos. per building)	nos.	8		

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SL.NO	EQUIPMENT DESCRIPTION	Unit	Quantity	Unit Price (INR)	Total Price(INR)
K	MISCELLANEOUS				
K.1	Plug & socket 63A	Nos.	20		
K.2	Rubber mat	Sq.Mtr	250		
K.3	Fire Extinguishers (Dry powder type/foam type/CO2 type)	nos.	10		
K.4	Caution Board	nos.	25		
K.5	Danger Board	nos.	25		
K.6	Hooters	nos.	15		
K.7	Structural works fabrication for cable tray and other equipment erection works a) Fabrication & Erection of MS Cable tray Supports with vertical & horizontal members (using 50 x 50 x 6 angles), b) Fabrication & Erection works for channel/Angles/insert plates (using 200X200X10) for Panels/LPB/JB etc., c) Painting of all supporting MS structure with one coat of primer followed by 2 coats of zinc painting.	Ton	20		
K.8	Suitable Anchor Fasteners for any type of Fabrication and Erection of steel support items in CHP area (including supply of Anchor fastener as per standard sizes)	Nos.	50		
K.9	Providing Competent Testing Agency for Testing & Commissioning of the Electrical Equipments, with Relay Tesing Kits, Primary & Secondary Current injection kits, Hi-Pot test kits, Insulation Oil test kits, Transformer oil Filtration machine, Earth Megger, LT Megger, HT Megger, Phase sequence meter, Multimeter, Tong Tester, Micro-Ohm meter, Other Testing & Measuring instruments as required to complete the job	lump sum	1		
K.10	Loading/unloading of Material(Cables with drum, Panels, Motors, structural mtl. Any other equipment on Tonnage basis).	Ton	50		
K.11	Under ground Buried cabling with filling a)Under ground burireng with brick/meson work/pull pit b)Hume pipe burireng/laying/pull pit	Meters	250		
K.12	Statutory clearances & approvals viz. Electrical inspector clearance, inspectorate clearance including incidentals & official fee.	Lump sum	1		
TOTAL FOR E&C WORKS AS PER SEC. 3.2A Rs.					

Note:

1. Service tax (extra) for E&C Works

3.2B SCOPE/PRICE FORMAT FOR TECHNICAL CONFIRMATION**ELECTRICAL EQUIPMENT E&C SUPPLY ITEMS BOQ FOR COAL HANDLING SYSTEM OF BTPS 1X700MW UNIT #3**

SL.NO	EQUIPMENT DESCRIPTION	Unit	Quantity	Unit Price (INR)	Total Price (INR)
A	CABLE GLANDS				
A.1	HT 3.3KV, XLPE 3X185 sq.mm cable	Nos.	40		
	LT Power, Control & Instrumentation cables				
A.2	LT POWER CABLE				
A.3	1CX10 Sq mm Red Cu	Nos.	40		
A.4	1CX10 Sq mm Black Cu	Nos.	40		
A.5	2Cx 6 Sq.mm	Nos.	60		
A.6	2C x 10 Sq. mm	Nos.	60		
A.7	2C x 16 Sq. mm	Nos.	60		
A.8	3C x 6 Sq.mm	Nos.	200		
A.9	3C x 10 Sq.mm	Nos.	56		
A.10	3C x 16 Sq.mm	Nos.	64		
A.11	3C x 25 Sq.mm	Nos.	60		
A.12	3C x 35 Sq.mm	Nos.	52		
A.13	3C x 50 Sq.mm	Nos.	40		
A.14	3C x 70 Sq.mm	Nos.	32		
A.15	3C x 95 Sq.mm	Nos.	68		
A.16	3C x 120 Sq.mm	Nos.	80		
A.17	3C x 150 Sq.mm	Nos.	40		
A.18	3C x 185 Sq.mm	Nos.	44		
A.19	3C x 240 Sq.mm	Nos.	32		
A.20	3.5C x 25 Sq.mm	Nos.	40		
A.21	3.5C x 35 Sq.mm	Nos.	56		
A.22	3.5C x 50 Sq.mm	Nos.	80		
A.23	3.5C x 70 Sq.mm	Nos.	64		
A.24	3.5C x 95 Sq.mm	Nos.	56		
A.25	3.5C x 120 Sq.mm	Nos.	40		
A.26	3.5C x 150 Sq.mm	Nos.	48		
A.27	3.5C x 185 Sq.mm	Nos.	20		
A.28	3.5C x 240 Sq.mm	Nos.	20		
A.29	4C x 6 Sq.mm	Nos.	40		
A.30	4C x 10 Sq.mm	Nos.	30		
A.31	4C x 16 Sq.mm	Nos.	44		
	CONTROL CABLE				
A.32	2Cx 2.5 Sq.mm	Nos.	92		

3.2B SCOPE/PRICE FORMAT FOR TECHNICAL CONFIRMATION**ELECTRICAL EQUIPMENT E&C SUPPLY ITEMS BOQ FOR COAL HANDLING SYSTEM OF BTPS 1X700MW UNIT #3**

SL.NO	EQUIPMENT DESCRIPTION	Unit	Quantity	Unit Price (INR)	Total Price (INR)
A.33	3Cx 2.5 Sq.mm	Nos.	156		
A.34	5Cx 2.5 Sq.mm	Nos.	160		
A.35	7Cx 2.5 Sq.mm	Nos.	144		
A.36	12Cx 2.5 Sq.mm	Nos.	132		
A.37	19Cx 2.5 Sq.mm	Nos.	140		
A.38	24Cx 2.5 Sq.mm	Nos.	120		
	Instrumentation & Screen Cable: -				
A.39	1P x 0.5 mm ² Cable	Nos.	200		
A.40	4T x 0.5 mm ² Cable	Nos.	40		
A.41	8T x 0.5 mm ² Cable	Nos.	40		
A.42	1P x 1.5 mm ² Cable	Nos.	196		
A.43	2P x 0.5 mm ² Cable	Nos.	160		
A.44	4P x 0.5 mm ² Cable	Nos.	150		
A.45	6P x 0.5 mm ² Cable	Nos.	120		
A.46	8P x 0.5 mm ² Cable	Nos.	100		
A.47	12P x 0.5 mm ² Cable	Nos.	100		
A.48	PLC Communication Cable-Fibre Optic cable	Nos.	30		

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SL.NO	EQUIPMENT DESCRIPTION	Unit	Quantity	Unit Price (INR)	Total Price (INR)
	CABLE LUGS				
A.49	HT 3.3KV, XLPE 3X185 sq.mm cable	Nos.	120		
	LT Power, Control & Instrumentation cables				
	LT POWER CABLE				
A.50	1CX10 Sq mm Red Cu	Nos.	40		
A.51	1CX10 Sq mm Black Cu	Nos.	40		
A.52	2Cx 6 Sq.mm	Nos.	120		
A.53	2C x 10 Sq. mm	Nos.	120		
A.54	2C x 16 Sq. mm	Nos.	120		
A.55	3C x 6 Sq.mm	Nos.	600		
A.56	3C x 10 Sq.mm	Nos.	168		
A.57	3C x 16 Sq.mm	Nos.	192		
A.58	3C x 25 Sq.mm	Nos.	180		
A.59	3C x 35 Sq.mm	Nos.	156		
A.60	3C x 50 Sq.mm	Nos.	120		
A.61	3C x 70 Sq.mm	Nos.	96		
A.62	3C x 95 Sq.mm	Nos.	204		
A.63	3C x 120 Sq.mm	Nos.	240		
A.64	3C x 150 Sq.mm	Nos.	120		
A.65	3C x 185 Sq.mm	Nos.	132		
A.66	3C x 240 Sq.mm	Nos.	96		
A.67	3.5C x 25 Sq.mm	Nos.	160		
A.68	3.5C x 35 Sq.mm	Nos.	224		
A.69	3.5C x 50 Sq.mm	Nos.	320		
A.70	3.5C x 70 Sq.mm	Nos.	256		
A.71	3.5C x 95 Sq.mm	Nos.	224		
A.72	3.5C x 120 Sq.mm	Nos.	160		
A.73	3.5C x 150 Sq.mm	Nos.	192		
A.74	3.5C x 185 Sq.mm	Nos.	80		
A.75	3.5C x 240 Sq.mm	Nos.	80		
A.76	4C x 6 Sq.mm	Nos.	160		
A.77	4C x 10 Sq.mm	Nos.	120		
A.78	4C x 16 Sq.mm	Nos.	176		
	CONTROL CABLE				
A.79	2Cx 2.5 Sq.mm	Nos.	184		

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SL.NO	EQUIPMENT DESCRIPTION	Unit	Quantity	Unit Price (INR)	Total Price (INR)
A.80	3Cx 2.5 Sq.mm	Nos.	468		
A.81	5Cx 2.5 Sq.mm	Nos.	800		
A.82	7Cx 2.5 Sq.mm	Nos.	1008		
A.83	12Cx 2.5 Sq.mm	Nos.	1584		
A.84	19Cx 2.5 Sq.mm	Nos.	2660		
A.85	24Cx 2.5 Sq.mm	Nos.	2880		
	Instrumentation & Screen Cable: -				
A.86	1P x 0.5 mm ² Cable	Nos.	400		
A.87	4T x 0.5 mm ² Cable	Nos.	480		
A.88	8T x 0.5 mm ² Cable	Nos.	960		
A.89	1P x 1.5 mm ² Cable	Nos.	392		
A.90	2P x 0.5 mm ² Cable	Nos.	640		
A.91	4P x 0.5 mm ² Cable	Nos.	1,200		
A.92	6P x 0.5 mm ² Cable	Nos.	1,440		
A.93	8P x 0.5 mm ² Cable	Nos.	1,600		
A.94	12P x 0.5 mm ² Cable	Nos.	2,400		
A.95	PLC Communication Cable- Optical/Coaxial Cable	Nos.	30		
B	CABLE TERMINATION KIT				
B.1	HT 3.3KV END TERMINATION KIT	Nos.	32		
B.2	HT 3.3KV STRAIGHT THROUGH JOINT	Nos.	10		
B.3	LT 415V POWER CABLE STRAIGHT THROUGH JOINT KIT FOR EACH SIZE	Nos.	2		
B.4	1.1KV CONTROL CABLE STRAIGHT THROUGH JOINT KIT FOR EACH SIZE	Nos.	2		

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SL.NO	EQUIPMENT DESCRIPTION	Unit	Quantity	Unit Price (INR)	Total Price (INR)
C	FIRE-PROOF SEALING OF CABLE PENETRATION Cables / cable tray openings in walls and floors or through pipe sleeves from one area to another or one elevation to another, between the units and within the same unit, shall be sealed by a fire-proof sealing system. The fireproof sealing system (FPSS) shall effectively prevent the spread of fire from the flaming to the non-flaming side, in the event of a fire. The FPSS shall conform to relevant standard.	KGs	500		
D	MISCELLANEOUS				
D.1	Rubber mat	Sq.Mtr	250		
D.2	Caution Board	nos.	15		
D.3	Danger Board	nos.	15		
D.4	Plug & socket 63A	Nos.	20		
D.4	All Structural material used for fabrication of a) cable tray supports (with vertical & horizontal members (using 50 x 50 x 6 angles) b) structural Fabrication for channel/Angles/base supports/insert plates etc for Panels/LPB/JB etc.	Ton	20		
D.5	Suitable Anchor Fasteners for any type of Fabrication and Erection of steel support items in CHP area (including supply of Anchor fastener as per standard sizes)	Nos.	50		
E	Man Power Supply for BHEL-ISG Site Office Maintenance/commissioning assistance				
E.1	Electrician	Manday	900		
E.2	Fitter	Manday	900		
E.3	Welder	Manday	900		
E.4	Helper	Manday	900		
E.5	Computer Operator	Manday	300		
E.6	Security Guard	Manday	900		
E.7	Over Time for Electrician	Hours	350		
E.8	Over Time for Fitter	Hours	350		
E.9	Over Time for Welder	Hours	350		
E.10	Over Time for Helper	Hours	350		
E.11	Over Time for Computer Operator	Hours	200		
E.12	Over Time for Security Guard	Hours	350		
TOTAL FOR ELECTRICAL E&C SUPPLY ITEMS AS PER SEC. 3.2B					
Note:					
1. For supply items all taxes & duties are included.					

ELECTRICAL EQUIPMENT E&C OPTIONAL ITEMS BOQ FOR COAL HANDLING SYSTEM OF BTPS 1X700MW UNIT #3**OPTIONAL SCOPE/PRICE FORMAT FOR TECHNICAL CONFIRMATION**

SL.NO	EQUIPMENT DESCRIPTION	Unit	Quantity	Unit Price (INR)	Total Price(INR)
A	MOTORS				
A.1	HT 3.3KV MOTOR	KW	Qty		
A.1.1	Conv. 13B	275	1		
A.1.2	Conv. 13c	275	1		
A.1.3	Conv 27A	225	1		
A.1.4	Conv 27B	225	1		
A.1.5	Conv 28A	275	1		
A.1.6	Conv 28B	275	1		
A.1.7	Conv 30	275	1		
A.1.8	Conv 31	275	1		
A.1.9	Conv. 33A	225	1		
A.1.10	Conv. 33B	225	1		
A.1.11	Conv. 36A	500	1		
A.1.12	Conv. 36B	500	1		
A.1.13	PCH-drive-1	200	1		
A.1.14	PCH-drive-2	200	1		
A.1.15	SCH-drive-1	750	1		
A.1.16	SCH-drive-2	750	1		
A.2	LT 415V AC MOTOR	KW	Qty		
A.2.1	LT 415 V AC motor	1.1	1		
A.2.2	LT 415 V AC motor	1.5	1		
A.2.3	LT 415 V AC motor	2.2	1		
A.2.4	LT 415 V AC motor	3.0	1		
A.2.5	LT 415 V AC motor	3.7	1		
A.2.6	LT 415 V AC motor	5.5	1		
A.2.7	LT 415 V AC motor	7.5	1		
A.2.8	LT 415 V AC motor	9.3	1		

A.2.9	LT 415 V AC motor	11.0	1		
A.2.10	LT 415 V AC motor	15.0	1		
A.2.11	LT 415 V AC motor	18.5	1		
A.2.12	LT 415 V AC motor	22.0	1		
A.2.13	LT 415 V AC motor	30.0	1		
A.2.14	LT 415 V AC motor	37.0	1		
A.2.15	LT 415 V AC motor	45.0	1		
A.2.16	LT 415 V AC motor	55.0	1		
A.2.17	LT 415 V AC motor	75.0	1		
A.2.18	LT 415 V AC motor	90.0	1		
A.2.19	LT 415 V AC motor	110.0	1		
A.2.20	LT 415 V AC motor	125.0	1		
A.2.21	LT 415 V AC motor	132.0	1		
A.2.22	LT 415 V AC motor	160.0	1		
B	PLC SYSTEM				
B.1	PLC with I/o rack(Panel)	Nos.	1		
B.2	PLC RIO Panel	Nos.	6		
B.3	PC's	Nos.	2		
B.4	Main Control desk	set	1		
B.5	Large Video Screen	Nos.	2		
B.6	UPS, 10KVA with ACDB	set	1		
B.7	Electronic earthing including connecting to respective panel with cable as per spec.	Nos.	6		
C	Junction Boxes				
C.1	Type-A (20 Terminals)	Nos	18		
C.2	Type -B (40 Terminals)	Nos	18		
C.3	Type -C (60 Terminals)	Nos	20		
D	Local Push Button Station				
D.1	Type-A (RDOL)	Nos	10		
D.2	Type-B (DOL)	Nos	91		
GRAND TOTAL FOR ELECTRICAL E&C OPTIONAL ITEMS Rs.					

PRICE SCHEDULE - Enquiry no. : 88/12/6046/MVG dt. 14.03.2013

**JOB: PILING, CIVIL, STRUCTURAL AND ARCHITECTURAL WORK OF ' COAL HANDLING PLANT'
PACKAGE FOR**

COAL HANDLING SYSTEM OF BTPS 1X700MW UNIT #3

SUMMARY OF PRICE SCHEDULE : (PART-3.2A + PART-3.2B)

SL.NO	DESCRIPTION OF WORK	PRICE SCHEDULE REF	TOTAL AMOUNT (In Rs.)
1	TOTAL FOR E&C WORKS	SEC. 3.2A.	
2	TOTAL FOR E&C SUPPLY ITEMS	SEC. 3.2B.	
3	GRAND TOTAL FOR BOTH E&C WORKS AND E&C SUPPLY ITEMS (SEC. 3.2A.+ SEC. 3.2B) - For arriving at L1 status =		

Service tax shall be reimbursed at actuals (presently @12.36%)

NOTES:

a)	Bidder to note that evaluation & awarding will be done on the Grand total quoted price against SL NO 3.0 above.
b)	Bidder to note the total all inclusive price quoted against SL NO 1.0 and SL NO 2.0 above should match with that of PRICE SCHEULE -SEC. 3.2A. and SEC. 3.2B respectively. Any item as per scope of work if not included in the price quoted above and shown separately will not be taken