



Bharat Heavy Electricals Limited

(A Government of India Undertaking)

Power Sector – Eastern Region

Plot No. 9/1, Block-DJ, Salt Lake City,
Kolkata – 700 091 (INDIA)

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TENDER CHANGE NOTE 02 (TCN – 02) DT: 01-10-2007

WITH REFERENCE TO THE NIT, PUBLISHED IN THE WEB SITES FOR THE JOB OF ERECTION & COMMISSIONING OF ILLUMINATION SYSTEM FOR COAL HANDLING PLANT PACKAGE of MEJIA TPS Unit # 5 & 6, W.B AGAINST TENDER DOCUMENT NO **PSER:SCT:MJA-E 800:07**, FOLLOWING CHANGES MAY PLEASE BE NOTED AND COMPLIED.

01. Revised **BOQ cum schedule of rates(Absolute Value)-Rev.01** (FILE 2A)
02. Revised **BOQ cum schedule of rates(Percentage Value)-Rev.01** (FILE 2B)

- **BIDDERS ARE REQUESTED TO NOTE THAT THE REVISED BOQ CUM RATE SCHEDULE VOL-III A (REV.01) & VOL-III B (REV-01) SUPERSEDES ORIGINAL BOQ. BIDDERS SHALL SUBMIT THEIR OFFER ONLY AS PER REVISED BOQ VOL-III A (REV.01) & VOL-III B (REV-01). OFFER FROM BIDDER IN SUPERSEDED BOQ WILL NOT BE CONSIDERED.**
- **BIDDERS ARE REQUIRED TO SUBMIT A DECLARATION IN TECHNO-COMMERCIAL OFFER THAT THEY HAVE SUBMITTED THEIR PRICE BID IN SEALED ENVELOP AS PER REVISED BOQ VOL-III A (REV.01) & VOL-III B (REV-01) ONLY.**

BIDDERS ARE REQUESTED TO SUBMIT OFFER BY THE DUE DATE OF SUBMISSION i.e. 06-10-07.

ALL OTHER TERMS & CONDITIONS OF THE TENDER REMAIN UNCHANGED.

SR MANAGER (SCT)

TENDER NO: PSER:SCT:MJA-E 800:07

**VOLUME IIIA, PRICE SCHEDULE
(IN ABSOLUTE VALUE) (REV 01)**

**ERECTION & COMMISSIONING OF ILLUMINATION SYSTEM FOR COAL
HANDLING PLANT PACKAGE**

**FOR
2 X 250 MW, U # 5 & 6**

MEJIA THERMAL POWER STATION, WEST BENGAL

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

**VOLUME-III (IN ABSOLUTE VALUE)
RATE SCHEDULE, REV-01**

E&C of Illumination system for Coal Handling Plant pkg.- Mejia # 5&6 project.

TENDER NO:PSER:SCT:MJA-E 800:07

PREAMBLE

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 various volumes of tender as per NIT 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 (taxes, duties shall be as per tender terms, Vol- ID), 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 grass, vegetation, making 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	For bid evaluation purpose (deciding L1), total price of BOQ shall be considered.

RATE SCHEDULE (IN ABSOLUTE VALUE)**(VOL-III A), (REV -01)****E&C of Illumination system for Coal Handling Plant pkg.- Meija#5&6 project**

TENDER NO:PSER:SCT:MJA-E 800:07

Sl. No.	Description of equipment	Unit	Qty	PRICE FOR E&C (EXCLUDING SERVICE TAX)	
				Unit Rate (in Rs.)	Total Amount (in Rs.)
1	2	3	4	5	6
1.0	LIGHTING PANELS - ACN/DCE				
1.1	LP-A-6 (Indoor type) Incoming-63A FP MCB with ELCB - 1 No. Outgoing-20A SP MCB's - 6 Nos.	Nos.	4		
1.2	LP-A-12 (Indoor type) Incoming-63A FP MCB with ELCB - 1 No. Outgoing-20A SP MCB's - 12 Nos.	Nos.	31		
1.3	LP-A-18 (Indoor type) Incoming-63A FP MCB with ELCB - 1 No. Outgoing-20A SP MCB's - 18 Nos.	Nos.	16		
1.4	LP-D-1 (Indoor type) - with 1 No. 20 A DP Isolator	Nos.	17		
2.0	CABLING				
2.1	Laying of Cables below ground as per IS:1255 & IE Rules 1956 (including excavation, providing sand layer below / above the cable, bricks on both sides and above , backfilling, route markers every 25mts.) for following sizes				
2.1.1	4c x 16 sqmm , 1.1 KV grade cable	KM	0.5		
2.1.2	4c x 25 sqmm , 1.1 KV grade cable	KM	0.5		
2.1.3	4c x 35 sqmm , 1.1 KV grade cable	KM	0.5		
2.1.4	2c x 6 sqmm , 1.1 KV grade cable	KM	0.5		
2.2	Laying of Cables on existing cable trays / trenches / structures as per IS:1255 & IE Rules 1956 (providing non magnetic clamps , cable tags every 20 mts. , saddles etc.) for following sizes				
2.2.1	4c x 16 sqmm , 1.1 KV grade cable	KM	0.5		
2.2.2	4c x 25 sqmm , 1.1 KV grade cable	KM	0.5		
2.2.3	4c x 35 sqmm , 1.1 KV grade cable	KM	0.5		
2.2.4	2c x 6 sqmm , 1.1 KV grade cable	KM	0.5		

TENDER NO:PSER:SCT:MJA-E 800:07

Sl. No.	Description of equipment	Unit	Qty	PRICE FOR E&C (EXCLUDING SERVICE TAX)	
				Unit Rate (in Rs.)	Total Amount (in Rs.)
1	2	3	4	5	6
2.3	Termination of cables ends (providing double compression brass tin plated gland of Comet / Braco make & Tinned copper lugs of Dowells make) as per IS:1255 & IE Rules 1956 for following sizes :				
2.3.1	4c x 16 sqmm , 1.1 KV grade cable	NO.	40		
2.3.2	4c x 25 sqmm , 1.1 KV grade cable	NO.	40		
2.3.3	4c x 35 sqmm , 1.1 KV grade cable	NO.	40		
2.3.4	2c x 6 sqmm , 1.1 KV grade cable	NO.	40		
3.0	<u>LIGHTING FIXTURES COMPLETE WITH ACCESSORIES</u>				
3.1	1 x 150W HPSV High bay fixture (Totally enclosed type)				
	Bajaj Type - BJEHB 150SV/TE	Nos.	150		
	150W HPSV Elliptical lamps	Nos.	150		
3.2	1 x 250W HPSV High bay fixture (Totally enclosed type)				
	Bajaj Type - BJEHB 250SV/TE	Nos.	53		
	250W HPSV Elliptical lamps	Nos.	53		
3.3	1 x 150W HPSV Integral well glass fitting with VE reflector.				
	Bajaj Type - BJVWI 150 SV/VE	Nos.	260		
	150W HPSV Elliptical lamps	Nos.	260		
3.4	1 x 70W Integral well glass fitting with VE reflector.				
	Bajaj Type - BJDWI 70SV/VE	Nos.	1088		
	70W HPSV Elliptical lamps	Nos.	1088		
3.5	2 x 36W Decorative fitting with mirror optic with conventional copper ballast				
	Bajaj Type - BJCM 236 with copper ballast	Nos.	6		
	36 W tri-phosphur fluorescent tubes	Nos.	12		
3.6	2 x 36W Decorative fitting with mirror optic with electronic ballast.				
	Bajaj Type - BJDL 236 with electronic ballast.	Nos.	18		
	36 W tri-phosphur fluorescent tubes	Nos.	36		

TENDER NO:PSER:SCT:MJA-E 800:07

Sl. No.	Description of equipment	Unit	Qty	PRICE FOR E&C (EXCLUDING SERVICE TAX)	
				Unit Rate (in Rs.)	Total Amount (in Rs.)
1	2	3	4	5	6
3.7	2 x 36W Industrial corrosion proof fitting with electronic ballast				
	Bajaj Type - BJI - 236 - FG	Nos.	3		
	36 W tri-phosphur fluorescent tubes	Nos.	6		
3.8	2 x 36W Industrial fluorescent trough type fitting with VE reflector and electronic ballast - Bajaj Type - BJIV 236	Nos.	88		
	36 W tri-phosphur fluorescent tubes	Nos.	176		
3.9	1 x 36W Industrial fluorescent trough type fitting with VE reflector and electronic ballast - Bajaj Type - BJIV 136	Nos.	10		
	36 W tri-phosphur fluorescent tubes	Nos.	10		
3.10	1 x 100WGLS Well glass fitting				
	Bajaj Type - BJVW 200	Nos.	37		
	100W GLS Lamps	Nos.	37		
3.11	1 x 100W GLS Recessed type down lighter fitting				
	Bajaj Type - BJDR 100GLS	Nos.	6		
	100W GLS Lamps	Nos.	6		
3.12	1 x 100W GLS Bulk head fitting				
	Bajaj Type - BJDB 100	Nos.	22		
	100W GLS Lamps	Nos.	22		
4.0	Receptacles with Switches				
4.1	Type RA-5/15 A decorative Switch & Socket	Nos.	19		
4.2	Type RB - 20 A, 1-Ph, 3-Pin Industrial	Nos.	202		
4.3	Type RC - 63 A, 3-Ph, 3-Pin Industrial	Nos.	88		
5.0	Supply of MS/Iron materials / Hardware , fabrication by cutting /welding / grinding & providing primer & final paint for fixing of illumination fixtures	MT	0.55		
6.0	Installation of Ceiling Fans	Nos.	10		
7.0	Installation & Commissioning of Split Type Air Conditioners 3 Ton Capacity	Nos.	4		

TENDER NO:PSER:SCT:MJA-E 800:07

Sl. No.	Description of equipment	Unit	Qty	PRICE FOR E&C (EXCLUDING SERVICE TAX)	
				Unit Rate (in Rs.)	Total Amount (in Rs.)
1	2	3	4	5	6
8.0	Lighting Wires and Earthing Conductors				
8.1	1.5 Sqmm Copper PVC Insulated	Mtrs	4500		
8.2	2.5 Sqmm Copper PVC Insulated	Mtrs	54820		
8.3	4 Sqmm Copper PVC Insulated	Mtrs	17000		
8.4	35 x 6 mm GS Flat for LPs	Mtrs	550		
8.5	14 SWG GI wire for Lighting Fixtures & Receptacles	Mtrs	40000		
9.0	Conduits				
9.1	20 mm dia GI	Mtrs	23800		
9.2	25 mm dia GI	Mtrs	10200		
9.3	40 mm dia GI	Mtrs	200		
9.4	20 mm dia PVC Coated Flexible Conduit	Mtrs	2000		
10.0	Junction Boxes				
10.1	JB Type A	Nos	1800		
11.0	Switch Board				
11.1	With 4 nos 5A piano type switch and 1 no. 5A 5-pin Socket	Nos	30		
12.0	Street lighting				
12.1	1 x 150W HPSV Street light fixture.				
	Bajaj Type - BJEST 150SV	Nos.	17		
	150W HPSV Tubular lamps	Nos.	17		
12.2	1 x 250W HPSV Street light fixture				
	Bajaj Type - BJEST 250SV	Nos.	29		
	250W HPSV Tubular lamps	Nos.	29		
12.3	Pole - Type 410-SP-49 with single arm bracket	Nos.	46		

TENDER NO:PSER:SCT:MJA-E 800:07

Sl. No.	Description of equipment	Unit	Qty	PRICE FOR E&C (EXCLUDING SERVICE TAX)	
				Unit Rate (in Rs.)	Total Amount (in Rs.)
1	2	3	4	5	6
12.4	JB - Type D _ Pole JB for Street Lighting	Nos.	46		
12.5	LP-S (Outdoor Type)	Nos.	4		
12.6	25x3 mm GS flat for pole earthing	mtrs	230		
12.7	20 mm dia MS Rod spike - 3 Metre long	Nos	46		
13.0	Area Lighting (Coal Stock Area)				
13.1	1 x 400W HPSV Symmetrical non integral flood light fitting				
	Bajaj Type - BJEF 21(S) - 1x400SV CA CG Box.	Nos.	8		
	400W HPSV Elliptical lamps	Nos.	8		
13.2	1 x 150W Assymetrical non integral flood light fitting				
	Bajaj Type - BGENF 14 - 1x150SV CACG Box	Nos.	6		
	150W HPSV Tubular lamps	Nos.	6		
13.3	2 x 400W Assymetrical non integral flood light fitting				
	Bajaj Type - BGENF 22 - 2 x 400SV CACG Box	Nos.	20		
	400W HPSV Tubular lamps	Nos.	40		
13.4	30 Metre High Mast	Nos.	4		
13.5	BJAOL 1 - Aviation Lighting Fixture with Neon Spiral	Nos.	4		
13.6	Earth Pit for Lighting masts including civil works (materials to be supplied by BHEL free of cost)	Nos	8		
13.7	Construction with providing required materials for Earth Pit with 40 / 50 mm dia GI pipes as per relevant IS including civil works.	Nos.	4		
	TOTAL (ITEM NO 1.0 TO 13.7) (EXCLUDING SERVICE TAX)				

Note: The unit rates for Erection and commissioning for all the items above quoted by the bidder shall be firm for any variation in the quantity as long as variation in total value of executed work remains within and upto + - 30% of the contract price given in LOI/WO.

TENDER NO: PSER:SCT:MJA-E 800:07

**VOLUME IIIB, PRICE SCHEDULE
(IN PERCENTAGE VALUE) (REV 01)**

**ERECTION & COMMISSIONING OF ILLUMINATION SYSTEM FOR COAL
HANDLING PLANT PACKAGE**

**FOR
2 X 250 MW, U # 5 & 6**

MEJIA THERMAL POWER STATION, WEST BENGAL

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

**VOLUME-IIIB (IN PERCENTAGE VALUE)
RATE SCHEDULE, REV-01**

E&C of Illumination system for Coal Handling Plant pkg.- Mejia # 5&6 project.

TENDER NO:PSER:SCT:MJA-E 800:07

PREAMBLE

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 various volumes of tender as per NIT 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 (taxes, duties shall be as per tender terms, Vol- ID), 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 grass, vegetation, making 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	For bid evaluation purpose (deciding L1), total price of BOQ shall be considered.

RATE SCHEDULE (IN PERCENTAGE VALUE)**(VOL-IIIB), (REV -01)****E&C of Illumination system for Coal Handling Plant pkg.- Mejia#5&6 project**

TENDER NO:PSER:SCT:MJA-E 800:07

Sl. No.	Description of equipment	Unit	Qty	Price in percent (%) of total price for each item (in figures & words)
1	2	3	4	6
1.0	LIGHTING PANELS - ACN/DCE			
1.1	LP-A-6 (Indoor type) Incoming-63A FP MCB with ELCB - 1 No. Outgoing-20A SP MCB's - 6 Nos.	Nos.	4	
1.2	LP-A-12 (Indoor type) Incoming-63A FP MCB with ELCB - 1 No. Outgoing-20A SP MCB's - 12 Nos.	Nos.	31	
1.3	LP-A-18 (Indoor type) Incoming-63A FP MCB with ELCB - 1 No. Outgoing-20A SP MCB's - 18 Nos.	Nos.	16	
1.4	LP-D-1 (Indoor type) - with 1 No. 20 A DP Isolator	Nos.	17	
2.0	CABLING			
2.1	Laying of Cables below ground as per IS:1255 & IE Rules 1956 (including excavation, providing sand layer below / above the cable, bricks on both sides and above , backfilling, route markers every 25mts.) for following sizes			
2.1.1	4c x 16 sqmm , 1.1 KV grade cable	KM	0.5	
2.1.2	4c x 25 sqmm , 1.1 KV grade cable	KM	0.5	
2.1.3	4c x 35 sqmm , 1.1 KV grade cable	KM	0.5	
2.1.4	2c x 6 sqmm , 1.1 KV grade cable	KM	0.5	
2.2	Laying of Cables on existing cable trays / trenches / structures as per IS:1255 & IE Rules 1956 (providing non magnetic clamps , cable tags every 20 mts. , saddles etc.) for following sizes			
2.2.1	4c x 16 sqmm , 1.1 KV grade cable	KM	0.5	
2.2.2	4c x 25 sqmm , 1.1 KV grade cable	KM	0.5	
2.2.3	4c x 35 sqmm , 1.1 KV grade cable	KM	0.5	
2.2.4	2c x 6 sqmm , 1.1 KV grade cable	KM	0.5	
2.3	Termination of cables ends (providing double compression brass tin plated gland of Comet / Braco make & Tinned copper lugs of Dowells make) as per IS:1255 & IE Rules 1956 for following sizes :			

TENDER NO:PSER:SCT:MJA-E 800:07

Sl. No.	Description of equipment	Unit	Qty	Price in percent (%) of total price for each item (in figures & words)
1	2	3	4	6
2.3.1	4c x 16 sqmm , 1.1 KV grade cable	NO.	40	
2.3.2	4c x 25 sqmm , 1.1 KV grade cable	NO.	40	
2.3.3	4c x 35 sqmm , 1.1 KV grade cable	NO.	40	
2.3.4	2c x 6 sqmm , 1.1 KV grade cable	NO.	40	
3.0	<u>LIGHTING FIXTURES COMPLETE WITH ACCESSORIES</u>			
3.1	1 x 150W HPSV High bay fixture (Totally enclosed type)			
	Bajaj Type - BJEHB 150SV/TE	Nos.	150	
	150W HPSV Elliptical lamps	Nos.	150	
3.2	1 x 250W HPSV High bay fixture (Totally enclosed type)			
	Bajaj Type - BJEHB 250SV/TE	Nos.	53	
	250W HPSV Elliptical lamps	Nos.	53	
3.3	1 x 150W HPSV Integral well glass fitting with VE reflector.			
	Bajaj Type - BJVWI 150 SV/VE	Nos.	260	
	150W HPSV Elliptical lamps	Nos.	260	
3.4	1 x 70W Integral well glass fitting with VE reflector.			
	Bajaj Type - BJDWI 70SV/VE	Nos.	1088	
	70W HPSV Elliptical lamps	Nos.	1088	
3.5	2 x 36W Decorative fitting with mirror optic with conventional copper ballast			
	Bajaj Type - BJCM 236 with copper ballast	Nos.	6	
	36 W tri-phosphur fluorescent tubes	Nos.	12	
3.6	2 x 36W Decorative fitting with mirror optic with electronic ballast.			
	Bajaj Type - BJDL 236 with electronic ballast.	Nos.	18	
	36 W tri-phosphur fluorescent tubes	Nos.	36	

TENDER NO:PSER:SCT:MJA-E 800:07

Sl. No.	Description of equipment	Unit	Qty	Price in percent (%) of total price for each item (in figures & words)
1	2	3	4	6
3.7	2 x 36W Industrial corrosion proof fitting with electronic ballast			
	Bajaj Type - BJI - 236 - FG	Nos.	3	
	36 W tri-phosphur fluorescent tubes	Nos.	6	
3.8	2 x 36W Industrial fluorescent trough type fitting with VE reflector and			
	electronic ballast - Bajaj Type - BJIV 236	Nos.	88	
	36 W tri-phosphur fluorescent tubes	Nos.	176	
3.9	1 x 36W Industrial fluorescent trough type fitting with VE reflector and			
	electronic ballast - Bajaj Type - BJIV 136	Nos.	10	
	36 W tri-phosphur fluorescent tubes	Nos.	10	
3.10	1 x 100WGLS Well glass fitting			
	Bajaj Type - BJVW 200	Nos.	37	
	100W GLS Lamps	Nos.	37	
3.11	1 x 100W GLS Recessed type down lighter fitting			
	Bajaj Type - BJDR 100GLS	Nos.	6	
	100W GLS Lamps	Nos.	6	
3.12	1 x 100W GLS Bulk head fitting			
	Bajaj Type - BJDB 100	Nos.	22	
	100W GLS Lamps	Nos.	22	
4.0	Receptacles with Switches			
4.1	Type RA-5/15 A decorative Switch & Socket	Nos.	19	
4.2	Type RB - 20 A, 1-Ph, 3-Pin Industrial	Nos.	202	
4.3	Type RC - 63 A, 3-Ph, 3-Pin Industrial	Nos.	88	
5.0	Supply of MS/Iron materials / Hardware , fabrication by cutting /welding / grinding & providing primer & final paint for fixing of illumination fixtures	MT	0.55	
6.0	Installation of Ceiling Fans	Nos.	10	
7.0	Installation & Commissioning of Split Type Air Conditioners 3 Ton Capacity	Nos.	4	

TENDER NO:PSER:SCT:MJA-E 800:07

Sl. No.	Description of equipment	Unit	Qty	Price in percent (%) of total price for each item (in figures & words)
1	2	3	4	6
8.0	Lighting Wires and Earthing Conductors			
8.1	1.5 Sqmm Copper PVC Insulated	Mtrs	4500	
8.2	2.5 Sqmm Copper PVC Insulated	Mtrs	54820	
8.3	4 Sqmm Copper PVC Insulated	Mtrs	17000	
8.4	35 x 6 mm GS Flat for LPs	Mtrs	550	
8.5	14 SWG GI wire for Lighting Fixtures & Receptacles	Mtrs	40000	
9.0	Conduits			
9.1	20 mm dia GI	Mtrs	23800	
9.2	25 mm dia GI	Mtrs	10200	
9.3	40 mm dia GI	Mtrs	200	
9.4	20 mm dia PVC Coated Flexible Conduit	Mtrs	2000	
10.0	Junction Boxes			
10.1	JB Type A	Nos	1800	
11.0	Switch Board			
11.1	With 4 nos 5A piano type switch and 1 no. 5A 5-pin Socket	Nos	30	
12.0	Street lighting			
12.1	1 x 150W HPSV Street light fixture.			
	Bajaj Type - BJEST 150SV	Nos.	17	
	150W HPSV Tubular lamps	Nos.	17	
12.2	1 x 250W HPSV Street light fixture			
	Bajaj Type - BJEST 250SV	Nos.	29	
	250W HPSV Tubular lamps	Nos.	29	
12.3	Pole - Type 410-SP-49 with single arm bracket	Nos.	46	

TENDER NO:PSER:SCT:MJA-E 800:07

Sl. No.	Description of equipment	Unit	Qty	Price in percent (%) of total price for each item (in figures & words)
1	2	3	4	6
12.4	JB - Type D _ Pole JB for Street Lighting	Nos.	46	
12.5	LP-S (Outdoor Type)	Nos.	4	
12.6	25x3 mm GS flat for pole earthing	mtrs	230	
12.7	20 mm dia MS Rod spike - 3 Metre long	Nos	46	
13.0	Area Lighting (Coal Stock Area)			
13.1	1 x 400W HPSV Symmetrical non integral flood light fitting			
	Bajaj Type - BJEF 21(S) - 1x400SV CA CG Box.	Nos.	8	
	400W HPSV Elliptical lamps	Nos.	8	
13.2	1 x 150W Assymetrical non integral flood light fitting			
	Bajaj Type - BGENF 14 - 1x150SV CACG Box	Nos.	6	
	150W HPSV Tubular lamps	Nos.	6	
13.3	2 x 400W Assymetrical non integral flood light fitting			
	Bajaj Type - BGENF 22 - 2 x 400SV CACG Box	Nos.	20	
	400W HPSV Tubular lamps	Nos.	40	
13.4	30 Metre High Mast	Nos.	4	
13.5	BJAOL 1 - Aviation Lighting Fixture with Neon Spiral	Nos.	4	
13.6	Earth Pit for Lighting masts including civil works (materials to be supplied by BHEL free of cost)	Nos	8	
13.7	Construction with providing required materials for Earth Pit with 40 / 50 mm dia GI pipes as per relevant IS including civil works.	Nos.	4	
	TOTAL (ITEM NO 1.0 TO 13.7) (EXCLUDING SERVICE TAX)			100
<p>Note: The unit rates for Erection and commissioning for all the items above quoted by the bidder shall be firm for any variation in the quantity as long as variation in total value of executed work remains within and upto + - 30% of the contract price given in LOI/WO.</p>				