

कार्यालय, नगर पालिक निगम, कोरबा (छ.ग.)

फा.क./742/विद्युत/2019

कोरबा, दिनांक 06.06.2019

सिस्टम टेंडर क. 51702 ई- प्रोक्चरमेंट निविदा आमंत्रण सूचना

नगर पालिक निगम, कोरबा द्वारा लोक निर्माण विभाग, छ.रा.वि.मंडल, एवं छत्तीसगढ़ अनुज्ञापन मंडल (विद्युत) में उचित श्रेणी में विद्युतीकरण कार्य हेतु पंजीकृत/लाईसेंसि टेकेदारों से निम्नलिखित कार्य हेतु प्रमुख अभियंता, लोक निर्माण विभाग (विद्युत) रायपुर द्वारा दिनांक 01.07.2015 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान प्रतिशत दरों पर ई-प्रोक्चरमेंट (E-Tendering) के माध्यम से निविदा आमंत्रित की जाती है :-

क	कार्य का नाम	प्राक्कलन राशि में	धरोहर राशि रु में	कार्यावधि	टेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	निगम क्षेत्रांतर्गत विद्युत संबंधित समस्या के त्वरित निदान हेतु विद्युत सुधार कार्यों की वार्षिक दर निर्धारण	00.00	30000/-	12 माह	वर्ग अ- श्रेणी	29.06.2019 से ...

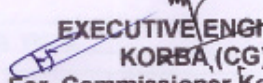
शर्त :-

1. निविदा दरे प्रचलित एस.ओ. आर. से कम या अधिक प्रतिशत दरों पर दिया जावे एस. ओ. आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी।
2. निविदा ई-प्रोक्चरमेंट (E-Tendering) के माध्यम से ही स्वीकार किए जावेगे। निर्धारित तिथि को 3.00 बजे के पश्चात् प्राप्त निविदाएँ स्वीकार नहीं की जावेगी।
3. जिन टेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी टेके के कार्य में अनुबंध के अनुरूप कार्य ना किया गया हो अथवा नगर पालिक निगम (साडा) के हित के विरुद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।
4. निविदा हेतु इच्छुक टेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशिप डीड) की सत्य प्रतिलिपि, पूर्व में इस प्रकार की किए गए कार्यों की प्रमाणित सूची, उपलब्ध तकनीकी अमले की जानकारी पिछले वित्तीय वर्ष का आयकर चुकता प्रमाण पत्र/पैन नम्बर एवं जी.एस.टी. का पंजीयन प्रमाण पत्र, कर्मचारी भविष्य निधि एवं कर्मचारी राज्य बीमा निगम संबंधी प्रमाण पत्र, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र एवं धरोहर राशि को स्केन कापी ऑनलाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
5. निविदा उन्ही टेकेदारों को दिया जायेगा जिन्हें इस प्रकार के कार्यों का अनुभव हो।
6. निविदा में भाग लेने वाले टेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तदन्तर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
7. टेके से संबंधित निविदा उन्हीं टेकेदारों को प्रदाय किये जावेगे जो कि कर्मचारी भविष्य निधि संगठन रायपुर एवं कर्मचारी राज्य बीमा निगम से पंजीयन कराकर कोड प्राप्त कर लिया हो अन्यथा निविदा प्रपत्र प्रदाय नहीं किया जावेगा।
8. निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में किये जा रहे कार्यों का विवरण राशि सहित मूल प्रति में शपथ पत्र देना अनिवार्य होगा।
9. सम्पूर्ण किए गए कार्यों के लिए प्रत्येक चल देयको में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं 06 प्रतिशत परफार्मेंस सिक्यूरिटी की गारंटी के रूप में प्रत्येक चल देयको में से 03 वर्ष रोकी जावेगी।
10. निविदा दरें असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टाईम डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त नगर पालिक निगम, कोरबा के नाम पर देय होगा जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि समयावधि में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।
11. टेकेदारों को उपरोक्त कार्य हेतु लगे विद्युत श्रमिकों का भुगतान बैंक के माध्यम से किया जाना अनिवार्य होगा।
12. निविदा प्रपत्र अहस्तांतरणीय होगा। एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
13. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त निर्णय अंतिम एवं सर्वमान्य होगा।
14. निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
15. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित विद्युत शाखा से प्राप्त किये जा सकते हैं

कार्यपालन अभियंता
नगर पालिक निगम
कोरबा (छत्तीसगढ़)

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		06.06.19	13.00	06.06.19	10.30	Release Tender
2		Bid Submission	06.06.19	10.30	28.06.19	17.30	
3	Tender Open		29.06.19	10.30	--	--	


EXECUTIVE ENGINEER
KORBA (CG)
 For, Commissioner Korba (C.G.)

OFFICE OF THE NAGAR PALIK NIGAM, KORBA (C.G.)

ABSTRACT

Name of Work **ANNUAL RATE CONTRACT FOR ELECTRICAL MAINTANANCE WORK**

As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD ELECTRICAL-01-07-2015]

S.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	4.7	Wiring for light/ fan/ exhaust fan / call bell point with 1.5 sqmm FR PVC insulated stranded copper conductor single core cable in surface PVC conduit, with 5 amp modular switch, modular base and cover plate, suitable size G.I. box and earthing the point with same size cable as required.				
	1	Short Point	Point		252.00	
	2	Medium Point	Point		394.00	
	3	Long Point	Point		518.00	
2	4.9	Extra for providing and fixing light plug point on board in surface PVC conduit point wiring with modular type 3 pin 5 amp socket outlet and 5 amp switch including cost of base and cover plate and G. I. box etc. as required.	Point		240.00	
3	4.10	Wiring for light plug point with 2x2.5 sq mm FR PVC insulated stranded copper conductor cable in surface PVC conduit along with modular type 6 Amp switch and 3 pin 6 amps socket outlet with modular base and cover plate, suitable size G.I. box, earthing the switch box and socket outlet with same size cable etc. as required.				
	1	Short Point	Point		432.00	
	2	Medium Point	Point		664.00	
	3	Long Point	Point		932.00	
	4	Extra Long Point I	Point		1267.00	
	5	Extra Long Point II	Point		1645.00	
	6	Extra Long Point III	Point		1997.00	
4	4.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface PVC conduit etc as required.				
	11	6 X 2.5 sq. mm in 25mm conduit	Metre		161.00	
	12	6 X 4 sq. mm in 32mm conduit	Metre		235.00	
	2	3 X 2.5 sq. mm in 20mm conduit	Metre		95.00	
	4	9 X 2.5 sq. mm in 32mm conduit	Metre		236.00	
	6	3 X 4 sq. mm in 25mm conduit	Metre		130.00	
5	5.11	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ concealed, steel/ PVC conduit/ PVC casing capping as required.				
	1	1 x 1.5 sq. mm	Metre		22.00	
	12	3 x 2.5 sq. mm	Metre		64.50	
	15	6 x 2.5 sq. mm	Metre		119.00	
	18	9 x 2.5 sq. mm	Metre		173.00	
	2	2 x 1.5 sq. mm	Metre		33.00	
	29	4 x 10 sq. mm	Metre		303.00	
	3	3 x 1.5 sq. mm	Metre		44.50	
	4	4 x 1.5 sq. mm	Metre		55.50	
	6	6 x 1.5 sq. mm	Metre		78.50	
6	5.6	Wiring for light point/ exhaust fan point/ call bell point with 1.5 sq. mm FR				

SN	EF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		PVC insulated copper conductor single core cable in existing surface / concealed, steel/ PVC conduit and providing and fixing 5 amp modular type switch, modular base and cover plate and earthing the point with same cable etc. as required.				
	1	Short Point	Point		174.00	
	2	Medium Point	Point		302.00	
	3	Long Point	Point		429.00	
7	7.4	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
	1	5/6 amps one way switch	Each		68.00	
	10	Plug Top (Deluxe type) 3 pin 16 Amps (For power plug).	Each		85.00	
	11	Plug Top (Deluxe type) 3 pin 25 Amps (For power plug).	Each		103.00	
	15	25/32 amp A.C. Starter switch	Each		233.00	
	16	SP MCB 25 amp	Each		233.00	
	17	Ceiling rose 3 pin 5 amp	Each		36.00	
	19	Batten/ angle holder	Each		41.00	
	5	3 pin 5/6 amp socket outlet	Each		87.50	
	6	6 pin 15/16 amp socket outlet	Each		126.00	
	8	Fan regulator (two module size) electronic stepped type moving all rounds	Each		203.00	
8	7.5	Providing and fixing 16/32 amp DP surface switch with neon on suitable size wooden box including connection, testing etc. complete.	Each		139.00	
9	7.7	Supplying and fixing call bell/ buzzer suitable for single phase, 230 volts A.C. supply, complete as required.				
	1	Ordinary (simple)	Each		67.50	
	2	Deluxe	Each		180.00	
10	7.8	Providing and fixing following size FR PVC insulated, PVC sheathed, flexible copper conductor cable on the floor/ wall, or side of the table/ door etc. as required.				
	2	1.0 sq. mm two core	Metre		25.50	
11	8.1	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, earthing etc. complete as required.				
	2	1200 mm sweep	Each		1503.00	
12	8.8	Supplying, installation, testing and commissioning of following sizes fancy exhaust fan having built in lovers in existing opening in wall including earthing etc. complete as required.				
	1	225 mm sweep	Each		1229.00	
	2	300 mm sweep	Each		1319.00	
13	8.9	Supplying, installation, testing and commissioning of following surface/ concealed type fluorescent fitting (luminaries) complete with electronic ballast/ copper ballast glow type starter but without fluorescent lamp, on ceiling/ wall surface, earthing the fitting etc. as required.				
	1	4' x 40 W single patti type	Each		272.00	
14	8.11	Supplying, installation, testing and commissioning of following T-5 fluorescent fitting (luminaries) complete with electronic ballast but without fluorescent lamp, on ceiling/ wall surface, earthing the fitting etc. as required.				

SN	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	1	Single box type with decorative end caps	Each		635.00	
15	8.12	Supplying, fixing, testing and commissioning of following 230/250 volts fluorescent lamp (tube) in existing lighting luminaries as required.				
	1	4' x 36/40 watt	Each		51.00	
	2	4' x 28 watt (T-5)	Each		143.00	
16	8.22	Supplying, fixing, testing and commissioning of following LED lamps with inbuilt electronic driver heat sink and all other accessories in existing holder/ luminaries as required and furnishing 2 Yrs Guarantee certificate from manufacturer.				
	4	9 Watt	Each		973.00	
17	8.23	Supplying, installation, testing and commissioning of following 230/250 volts LED Post Top Lantern fitting with perplex cover, electronic driver, heat sink, capacitor and all other accessories on existing gate column/ pole bracket complete as required and furnishing 2 Yrs Guarantee certificate from manufacturer.				
	1	20 watt	Each		9572.00	
18	8.25	Supplying, installation, testing and commissioning of following 230/250 volts LED BOLLARD fitting with electronic driver, heat sink, capacitor and all other accessories on existing foundation/ pole bracket complete as required and furnishing 2 Yrs Guarantee certificate from manufacturer.				
	1	6 watt	Each		5360.00	
	2	9 watt	Each		5792.00	
19	8.30	Supplying, installation, testing and commissioning of following 230/250 volts LED street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 5 KV surge protection on pole bracket complete as required and furnishing 2 Yrs Guarantee certificate from manufacturer.				
	1	25-30 watt	Each		4890.00	
	2	40-45 watt	Each		9534.00	
	3	60 watt	Each		10115.00	
	4	90 watt	Each		18616.00	
	5	120 watt	Each		20579.00	
	6	135 watt	Each		22823.00	
20	8.41	Supplying, fixing, testing and commissioning of following 230/250 volts capacitors in existing ceiling fans/ exhaust fan at all locations as required.				
	2	2.5 MFD	Each		95.00	
	4	4 MFD	Each		104.00	
21	9.8	Supplying and fixing metal clad busbar chamber made of 1.6 mm thick CRCA sheet with 4 strip copper busbars of following capacity and length, complete with all accessories, including earthing the body etc. as required.				
	1	100 amps x 300mm long	Each		1646.00	
22	9.9	Providing and fixing metal clad, SP&N switch fuse unit (re-wirable), 230/250 volts, with porcelain re-wireble fuses including drilling holes on the board, connections, earthing the body etc. as required. (Thimbeling shall be paid separately).				
	1	32 amps	Each		931.00	
	2	63 amps	Each		1676.00	
23	9.10	Providing and fixing metal clad, TP&N switch fuse unit (re-wirable), 415/500				

REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	volts, with porcelain re-wireble fuses including drilling holes on the board, connections, earthing the body etc. as required. (Thimbeling shall be paid separately).				
1	32 amps	Each		878.00	
2	63 amps	Each		1821.00	
3	100 amps	Each		3306.00	
24	9.12 Providing and fixing metal clad, TP&N double break fuse switch unit (HRC), 415/500 volts, with H.R.C. fuses including drilling holes on the board, connections, earthing the body etc. as required. (Thimbeling shall be paid separately).				
1	63 amps	Each		3511.00	
2	100 amps	Each		4713.00	
25	11.3 Supplying and fixing on surface/ recess following way, 240 volts SP&N MCB distribution board consumer unit of sheet steel phosphatized and powder painted, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as required. (But without MCB/RCCB/Isolator)				
1	2 + 4 way	Each		661.00	
2	2 + 8 way	Each		816.00	
26	11.4 Supplying and fixing on surface/ recess horizontal type following way, 415 volts, TPN MCB distribution board of sheet steel phosphatized and powder painted, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as required. (But without MCB/RCCB/Isolator)				
1	4 way Single door	Each		1388.00	
2	6 way Single door	Each		1668.00	
27	11.10 Supplying and fixing SP MCB, 240 volts, 'B' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
1	6 amps to 32 amps	Each		154.00	
2	40 amps	Each		313.00	
28	11.13 Supplying and fixing DP MCB, 240 volts, 'D' curve, suitable for inductive/ motor load in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
5	63 amps	Each		721.00	
29	11.14 Supplying and fixing TP MCB, 440 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
5	63 amps	Each		1048.00	
30	11.18 Supplying and fixing following rating, 240 volts TWO POLE ISOLATOR in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
2	40 amps	Each		271.00	
3	63 amps	Each		351.00	
31	11.19 Supplying and fixing following rating, 415 volts, FOUR POLES, ISOLATOR in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
1	40 amps	Each		593.00	

REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	63 amps	Each		645.00	
3	100 amps	Each		679.00	
32	12.6 Providing and fixing metal clad, 4 pole, on load change over switch unit (without sheet steel enclosure), 415/500 volts, in cubicle panel including drilling holes on the board, connections, earthing the body, testing and commissioning etc. as required. (Connecting lead if required shall be paid separately)				
2	100 amps	Each		5012.00	
5	400 amps	Each		21801.00	
33	12.13 Providing and fixing 3 pole, 415/500 volts following rating (AC-1 Duty) power contactor in existing starter/ cubical panel including, connections, testing and commissioning etc. as required.				
4	100 amps	Each		7277.00	
5	200 amps	Each		10105.00	
34	12.22 Providing and fixing following Time switch (timer) in existing panel including connection, testing and commissioning as required.				
1	Digital type	Each		2070.00	
35	14.1 Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) as required.	Set		2472.00	
36	14.2 Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.	Set		3454.00	
37	14.4 Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe, with charcoal and salt as required.	Set		6754.00	
38	14.12 Providing and fixing earth bus of 50 mm X 5 mm copper strip on surface for connections etc. as required.	Metre		1006.00	
39	14.18 Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	Metre		37.50	
40	14.19 Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ concealed conduit/ submain wiring/ cable as required.	Metre		20.50	
41	17.1 Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
17	3.5 x 150 sq. mm.	Metre		731.00	
18	3.5 x 185 sq. mm.	Metre		860.00	
19	3.5 x 240 sq. mm.	Metre		1041.00	
22	4 x 10 sq. mm.	Metre		278.00	
23	4 x 16 sq. mm.	Metre		291.00	
24	4 x 25 sq. mm.	Metre		326.00	
3	2 x 10 sq. mm	Metre		255.00	
4	2 x 16 sq. mm	Metre		269.00	
5	2 x 25 sq. mm	Metre		270.00	

		ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		Supplying and laying following sizes additional one number, PVC insulated/ XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground as in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
	22	4 x 10 sq. mm.	Metre		218.00	
	23	4 x 16 sq. mm.	Metre		231.00	
	24	4 x 25 sq. mm.	Metre		266.00	
	3	2 x 10 sq. mm	Metre		194.00	
	4	2 x 16 sq. mm	Metre		208.00	
	5	2 x 25 sq. mm	Metre		209.00	
43	17.8	Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, unarmoured, aluminium conductor power cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick GI saddle as required.				
	13	4 x 10 sq. mm.	Metre		108.00	
	14	4 x 16 sq. mm.	Metre		130.00	
	15	4 x 25 sq. mm.	Metre		164.00	
	2	2 x 6 sq. mm	Metre		79.00	
	3	2 x 10 sq. mm	Metre		88.00	
	4	2 x 16 sq. mm	Metre		97.00	
	5	2 x 25 sq. mm	Metre		112.00	
44	17.11	Supplying and hanging following sizes one number PVC insulated/ XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade on GI bearer wire (binded at every metre) including cost of bearer wire complete as required.				
	18	4 x 10 sq. mm. on 8 SWG GI bearer wire	Metre		135.00	
	19	4 x 16 sq. mm. on 8 SWG GI bearer wire	Metre		148.00	
	20	4 x 25 sq. mm. on 7 SWG GI bearer wire	Metre		184.00	
	3	2 x 10 sq. mm. on 8 SWG GI bearer wire	Metre		112.00	
	4	2 x 16 sq. mm. on 8 SWG GI bearer wire	Metre		126.00	
45	17.12	Supplying and laying following sizes one number PVC insulated, PVC sheathed, steel armoured, copper conductor controle cable of 1.1 KV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
	1	2 x 1.5 sq. mm	Metre		239.00	
46	17.28	Supplying, fixing and cramping suitable size and all type aluminium ferule/ lugs to following size 1.1 KV grade power cable core / lead, pressed with high pressure cramping tool including connection to switch gear/ MCCB etc as required.				
	2	10 sq. mm	Each		12.50	
	3	16 sq. mm	Each		13.00	
	4	25 sq. mm	Each		13.50	
	8	95 sq. mm	Each		25.50	
	9	120 sq. mm	Each		30.00	
47	21.3	Supply of swaged steel tubular pole as per IS 2713 with base plate of size 300x300x6mm welded at bottom, necessary hole for cable entry and earthing stud welded at specified height including painting with one coat of red oxide zinc chromate primer.				

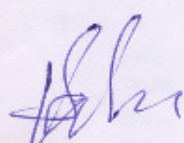
S. NO	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	1	Designation 410 SP-2 height 7.00 metre	Each		6043.00	
	10	Designation 410 SP-30 height 9.00 metre	Each		10751.00	
	11	Designation 410 SP-32 height 9.00 metre	Each		12430.00	
	3	Designation 410 SP-8 height 7.50 metre	Each		8417.00	
	7	Designation 410 SP-20 height 8.50 metre	Each		9360.00	
48	21.4	Supply of GI PIPE POLE made of "B" class GI pipe making necessary hole for cable entry and providing earthing stud (welded at specified height) including painting with one coat of red oxide zinc chromate primer.				
	1	50 mm dia	Metre		342.00	
	2	65 mm dia	Metre		438.00	
	3	80 mm dia	Metre		565.00	
49	21.5	Providing and welding M.S. base plate of size 300x300x3mm at bottom of GI/MS pipe pole.	Each		190.00	
50	21.6	Supply of hot dipped galvanized (in single dip to average 65 micron) octagonal pole made of 3mm thick steel sheet having window and flush cover with locking arrangement at suitable height from base for cable termination block, pole suitably reinforced with welded steel section at window cut section to make the strength of pole unaffected, with following minimum specifications including 3mm thick anchor plate, 4 nos 16mm dia foundation bolts of EN8 grade. (designed for wind speed upto 150km/hr)				
	1	3 metre high, dia 130mm at bottom and 70mm at top, base plate size 200x200x12mm, foundation bolts 450mm long	Each		4236.00	
	2	4 metre high, dia 130mm at bottom and 70mm at top, base plate size 200x200x12mm, foundation bolts 450mm long	Each		5131.00	
51	21.7	Supply of hot dipped galvanized (in single dip to average 65 micron) octagonal pole made of 3mm thick steel sheet having window and flush cover with locking arrangement at suitable height from base for cable termination block, pole suitably reinforced with welded steel section at window cut section to make the strength of pole unaffected, with following minimum specifications including 3mm thick anchor plate, 4 nos 20mm dia foundation bolts of EN8 grade. (designed for wind speed upto 150km/hr)				
	1	6 metre high, dia 130mm at bottom and 70mm at top, base plate size 220x220x12mm, foundation bolts 600mm long	Each		6922.00	
	2	7 metre high, dia 130mm at bottom and 70mm at top, base plate size 220x220x12mm, foundation bolts 700mm long	Each		10273.00	
	3	8 metre high, dia 135mm at bottom and 70mm at top, base plate size 225x225x16mm, foundation bolts 750mm long	Each		11322.00	
	1	9 metre high, dia 155mm at bottom and 70mm at top, base plate size 260x260x16mm, foundation bolts 750mm long	Each		13304.00	
52	21.9	Supply and fixing following street light pole bracket on existing pole made out of 50 mm dia MS "B" class pipe welded to 300 mm long MS pole canopy of suitable dia at a angle of 102.50 including having MS triangular stiffener of size 150 X 50 X 5 mm thick, making arrangement for tightening the bracket with pole by providing suitable size heavy duty nuts and bolts in canopy, painting with one coat of approved steel primer etc. as required.				
	1	Single Over Hang 0.75 metre Long	Each		949.00	
	3	Single Over Hang 1.50 metre Long	Each		1191.00	
	4	Double Over Hang 0.75 metre Long	Each		1310.00	

REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6	Double Over Hang 1.50 metre Long	Each		1796.00	
53 21.10	Erection of STEEL TUBULAR or "H" BEAM/ ISMB pole in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation and cement concrete collar of size 0.4 metre dia and 0.50 metre height from ground level including excavation and refilling etc. as required of length:				
4	7 metre to 10 metre	Each		2513.00	
54 21.11	Erection of GI octagonal/ tubular pole on existing cement concrete foundation having grouted bolts and nuts, aligning in true vertical position as required.				
1	3 metre high	Each		445.00	
4	6 metre high	Each		712.00	
5	7 metre high	Each		756.00	
6	8 metre high	Each		823.00	
7	9 metre high	Each		890.00	
55 21.12	Designing and providing suitable RCC foundation in Cement Concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) for 3 mere to 12 metre high GI octagonal pole including steel reinforcement (minimum 90kg per cum), form work, embedding 2 nos 50mm dia PVC pipe for cable entry in each foundation, excavation disposal of surplus soil and curing etc. as required.	cum		4906.00	
56 21.17	Supplying and fixing PVC water tight terminal box of approved make and brand with detachable gland plate in bottom, hinged front openable cover, rubber gasket, having 1 Nos 4way connector and 1 No SPMCB inside the box for cable connection, fixed to pole with 2 Nos clamp made from 25x3mm GI flat with 2 No GI nuts bolts complete as required.				
1	250x200x125 mm for single phase	Each		799.00	
2	300x200x125 mm for 3 phase	Each		934.00	
57 21.18	Supplying erection testing and commissioning of hot dipped galvanised (single dip 86 micron) 16 metre High mast pole on existing RCC foundation with all accessories and equipments, detailed as below to withstand wind pressure upto 180km/hr and minimum following specifications: a) HM shaft made of not more than 2 sections of suitable lengths with telescopic stressfit joints between sections without any circumpherencial welding, sheet thickness 4mm top and bottom sections, nominal dia 460mm on bottom and 150 mm on top, base flange 25mm thick 670mm dia, PCD of foundation bolts 650mm. b) Double drum winch for lowering & raising of lantern carriage on high mast with operatable with power tool/ manual handle attachment with a torque limiting device for safe locking of carriage. c) Raising/lowering type lantern carriage designed to carry specified nos of luminaries, control gear box, junction box. d) Top pulley assemble with weather proof cover. e) 3 Nos suitable length and size stainless steel wire ropes (minimum 6mm dia and 7/19 construction) for lowering & raising of lantern carriage. f) Suitable size and length multicore flexible copper power trailing cable (minimum 3 core 4 sqmm) g) Hinged service door in base section h) Base plate earthing terminal.	Each		231425.00	

S.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		i) Suitable arrangement for supply distribution with termination of suitable size underground cable in high mast. j) Lightning conductor finial made of 25mm dia 300 mm long G.I. tube having single prong. k) Anchor plate of size 840x840x6mm, tem-plates 3mm thick, GI foundation bolts 8 Nos of 30 mm dia 850 mm long (EN 8 Grade) along with nuts washers etc. (RCC foundation and luminaries will be paid separately)				
58	21.21	Designing and providing suitable and approved size RCC foundation for 15-30 mere high mast including steel reinforcement (minimum 90kg per cum), form work, embedding 2 nos 50mm dia PVC pipe for cable entry in each foundation, excavation disposal of surplus soil and curing etc. as required including laying and fixing HM foundation bolts with tam plates but excluding the cost of foundation bolts with tam plates etc complete as required.	cum		4906.00	
59	22.2	Supplying and erection of stay set complete (galvanized) with 19/20mm dia x 1.8 metre long stay rod, anchor plate of size 300mm x 300mm x 6.4 mm, thimble stay clamps, turn buckle (19/20mm x 600mm), strain insulator and specified G.I. stay wire etc. in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required.				
	1	With 7/4.00 mm dia G.I. stay wire	Each		3415.00	
60	23.2	Supplying and installing (overhead) service main with following size PVC insulated PVC sheathed aluminium conductor cables suspended with bobbin insulator on existing bearer wire in an approved manner and as per specification etc. or drawn in existing G.I. pipe bracket or conduit pipe wherever required, including connection, testing etc.				
	1	2 x 6 sq. mm	Metre		54.50	
	2	2 x 10 sq. mm	Metre		64.00	
	5	4 x 10 sq. mm	Metre		85.00	
61	27.7	Supply and fixing of approved make wall mounting type voltage stabilizer with input volts 160-250, output volts 200-240 volts and double step relay on desired location with necessary fixing material including connection etc complete as required.				
	1	4 KVA	Each		3972.00	
	2	5 KVA	Each		4533.00	
62	31.8	Dismantling the all sizes outdoor lighting luminaries from steel poles with accessories including shifting of dismantled material to department store.	Each		35.50	
63	31.9	Dismantling the existing armoured / unarmoured power cable from surface including recoiling of dismantled cable and shifting to department store.				
	1	Upto 35 sqmm	Metre		1.80	
64	31.10	Dismantling of existing under ground power cable from ground and refilling the trench upto ground level including recoiling of dismantled cable and shifting to department store.				
	1	Upto 35 sqmm	Metre		38.00	
65	31.14	Dismantling of steel pole, R. S. joist, girder pole from the cement concrete foundation with bracket, insulators, stay wires etc, refilling the pit upto ground level including shifting of dismantled material to department store.	Each		717.00	
66	32.1	Earth work in all type soil except soft rock / hard rock with all lead and 1.5	cum		163.00	

S.N.	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		metre lift, dressing, stacking excavated strata including refilling of excavated soil in trench / pit to ground level complete as required.				
67	32.13	Providing and laying Cast-in-situ cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm including mixing with mechanical mixer, compacting with vibrator, finishing and currying etc. complete but excluding form work.	cum		2885.00	
68	33.12	Painting of following height steel tubular poles with two coat of aluminium paint of approved brand including cleaning the surface as required:				
	1	upto 6 metre	Each		121.00	
	2	Above 6 metre and upto 8 metre	Each		201.00	

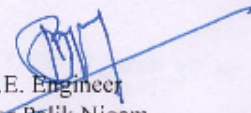
As per Estimate Amount Rs. .00



Sub Engineer
Nagar Palik Nigam
Korba (C.G.)



Asst. Engineer
Nagar Palik Nigam
Korba (C.G.)



E.E. Engineer
Nagar Palik Nigam
Korba (C.G.)