


Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		25.09.2024	15.00	25.09.2024	15.00	Release Tender
2		Bid Submission	25.09.2024	15.00	08.10.2024	17.30	
3		Physical Document Submission	25.09.2024	15.00	09.10.2024	15.00	
4	Tender Open		09.10.2024	16.00	--	--	


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

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)
DETAILED ESTIMATE

Of Work - Construction of Divider with Railing from central store to stadium at T.P.nagar zone


Scale of rates public works department [PWD BUILDING-01-01-2015]


SINGLE DIVIDER


S. No.	S.O. R. NO	Item	Nos	L.	B.	H/D	Quantity	Unit	Rates	Amount
1	16	16.43 Demolishing cement concrete including disposal of material within 50 metre lead.								
			1	1140.0	0.6	0.4	239.4	cum	549.00	131430.60
2	1	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding								
			1	1140.0	0.6	0.1	68.4			
						Total	68.4	cum.	371.00	25376.40
3	3.1.3	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in all								
			1	1140.0	0.6	0.1	68.4			
							68.4	Cum.	2970.00	203148.00
4	2	Providing and fixing formwork including centering, shuttering, strutting, staging								
	2.1.2	Wall of any thickness including attached pillars, buttresses etc								
			2	1140.0		1.0	2280.0			
						Total	2280.0	sqm.	139.00	316920.00
5	3	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate								
	3.3.1	M-20 grade								
			1	1140.0	0.6	0.4	239.4			
			1	1140.0	0.45	0.7	359.1			

		2	550.0	0.2	0.2	44.0			
					TOTAL	642.50	cum.	4163.00	2674727.5
						642.50			
3.12.					Total	41762.50	KG.	54.50	2276056.25
7									
		2	550	1.1		1210.00	sqm	113.00	136730.00
8	14								
		1	1140.00	1.70		1938.00			
		2	550.00	1.10		1210.00			
					Total	3148.00	sqm.	94.50	297486.00
9	14								
10	4.15								
						3148.00	sqm.	56.00	176288.00

11	work in tubular and, square or rectangular hollow tubes (tc.) structure in built-up sections, trusses and frame work including cutting, holsting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer.	1	7315.0	1	3.18	23261.70			
		2	1240.0	1	5.16	12796.80			
						36058.50	kg	88.50	3191177.25
12	Applying priming coat on steel work with red oxide zinc chromate primer	2	1240	1		2480.00	sqm.	17.50	43400.00
13	14.22 Painting on new work (two or more coats) to give an even shade								
	Premium synthetic enamel paint					2480.00	sqm	47.00	116560.00
Total B									9589300.00
External electrification=									3210735.00
TOTAL=									12800035.00
SAY RS.=									12800000.00


Sub Engineer
Municipal Corporation
Korba (C.G.)


Asst. Engineer
Municipal Corporation
Korba (C.G.)


Executive Engineer
Municipal Corporation
Korba (C.G.)

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)
DETAILED ESTIMATE

ELECTRIFICATION


ELECTRICAL SOR 01.06.2020

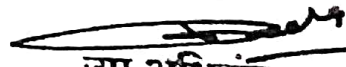
Sl.No.	SOR No.	Description	unit	Qty	Rate	Amount
1	19.9	Supply and fixing following street light pole bracket on existing pole made out of 50 mm dia MS "B" class pipe welded to 300 mm long MS pole canopy of suitable dia at a angle of 102.50 including having MS triangular stiffener of size 150 X 50 X 5 mm thick, making arrangement for tightening the bracket with pole by providing suitable size heavy duty nuts and bolts in canopy.				
	19.9.7	Double Over Hang 1.50 metre Long	Each	60.00	1859.00	112140.00
2	19.8	Supply of hot dipped galvanized (in single dip to minimum 75 micron) octagonal pole made of 3mm thick steel grade E-350 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 with 4 way terminal connector including 4mm thick anchor plate, 4 nos				
	19.8.3	9 metre high, dia 155mm at bottom and 90mm at top, base plate size 260x260x16mm, foundation bolts 750mm				
			Each	50.00	13974.00	698700.00
3	19.11	Erection of GI octagonal/ tubular/conical pole on existing cement concrete foundation having grouted bolts and nuts, aligning in				
	19.11.9	9 metre high	Each	50.00	985.00	49250.00
4	32.7	Supplying following sizes FRLS PVC Insulated, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade and as per IS: 1554 (1988, Part 1) /				
	32.7.9	3 x 25 sq. mm	Metre	750	97	72750.00
5	19.12	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 metre to 12 metre high GI octagonal pole including steel reinforcement form work, embedding 2 nos 50mm dia PVC pipe for cable entry in each foundation, excavation disposal of				
		TOTAL pole (0.8x.8x.8x.8) at Every 20 mtr	cum	30.00	5219	156570.00


	14.2	Supplying and laying HDPE pipe of 4kg/Sqcm in ground below road, path etc at a depth not less than 40 cm and upto 90 cm including excavation, dismantling of road if required and refilling the trench with excavated material, ramming and making				
	14.2.1	63 mm outer dia	Metre	1200	124	148800.00
7	14.3	Supplying and laying following size medium class G.I. pipe in ground below road, path etc at a depth not less than 40 cm and upto 90 cm including excavation, dismantling of road if required and refilling the trench with excavated material, ramming and making				
	14.3.3	100 mm internal dia	Metre	120.00	879.00	105480.00
	14.3.4	150 mm internal dia	Metre	80.00	1183.00	94640.00
8	15.1	Supplying and laying following sizes one number FRLS PVC Insulated/XLPE, PVC sheathed, steel armoured, aluminum conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavation, sand cushioning, protective covering and refilling the trench etc as per specification,				
	15.1.24	4 x 25 sq. mm.	Metre	1500.00	321	481500.00
9	15.23	Supplying and making end termination with brass compression gland and aluminum lugs for following size armoured aluminum conductor power cable of 1.1 KV grade as				
	15.23.25	4 X 25 sq. mm (25 mm)	Each	200.00	104.00	20800.00
10	12.1	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. with charcoal and salt as	Set	5.00	3243.00	16215.00
11	12.3	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	Set	5.00	6209.00	31045.00
12	12.12	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including soldering, excavation and refilling the trench etc. as	Metre	200.00	36.00	7200.00

13	7.19	Fabrication, supply, installation, testing and commissioning of cubicle type compartmentalized wall/ floor mounted power cum control panel board of specified size and following depth made out of not less than 2 mm thick CRCA MS powder coated sheet with suitable size compartments for bus bars, switchgears and necessary cutouts for voltmeters, ammeters etc as per specifications including powder coating painting but without busbars,				
	7.19.1	Upto 300 mm deep	sqm	15.00	6518.00	102270.00
13	7.20	Supply, installation, testing and commissioning of 4 pole (3 phase + neutral) aluminium bus bars in existing cubicle type compartmentalized wall/ floor mounted panel board along with suitable size and				
	7.20.1	100 amp (20x3mm)	Metro	5.00	717.00	3585.00
14	7.15	Providing and making interconnection in cubical panel between BBC and switchgears with following size FRLS PVC insulated aluminium conductor wire lead of length upto 50cm including providing aluminium thimbles on both ends as per specification				
	7.15.2	16 sqmm (63 amp)	Each	5.00	55.00	275.00
15	9.1	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as per specification, IS/ IEC: 60947-2 and Ics =				
	9.1.4	3 pole MCCB, 100A, Adjustable Thermal - Magnetic Release, 25KA	Each	30.00	3734.00	112020.00
16	9.11	Supplying and fixing SP MCB, 240 volts, 'C' curve, suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc.				
	9.11.2	6 amps to 32 amps	Each	20.00	148.00	2960.00
17	9.12	Supplying and fixing DP MCB, 240 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc.				
	9.12.2	6 amps to 32 amps	Each	10.00	411.00	4110.00
18	9.16	Supplying and fixing TP&N MCB, 440 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc.				
	9.16.5	63 amps	Each	5.00	1316.00	6580.00
19	10.17	Providing and fixing panel mounting 230 volt LED type indicating lamp in existing cubical panel including, connections, testing and commissioning etc. as per specification.	Each	20.00	94.00	1880.00

	10.18	Providing and fixing panel mounting following rating analog type ammeter of size 100x100 (NS) in existing cubical panel including, connections, testing and				
	10.18.2	0-100 amps	Each	20.00	372.00	7440.00
21	10.20	Providing and fixing panel mounting 0-500 volt voltmeter of size 100x100 (NS) in existing cubical panel including, connections, testing and commissioning etc.				
	10.20.1	Analog type	Each	5.00	397.00	1985.00
22	10.21	Providing and fixing panel mounting selector switch in existing cubical panel including, connections, testing and commissioning etc.				
	10.21.1	For voltmeter	Each	5.00	189.00	945.00
	10.21.2	For ammeter	Each	5.00	207.00	1035.00
		LED FOR POLE				
23	6.28	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 15 KV surge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and				
	6.29.2	135 watt		120.00		
			Each	120.00	8088.0	970560.00
		Total cost In Lacs				32,10,735.00


 सहायक अभियंता,
 नगर पालिक निगम,
 कोरवा (छ. ग.)


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