

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

फा.क. / 366 / निर्माण / 2021

सिस्टम टेन्डर नं. 71304
ई-निविदा आमंत्रण सूचना

कोरबा, दिनांक 04.02.2021

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्य हेतु प्रमुख अभियंता लोक निर्माण विभाग, रायपुर द्वारा (भवन) दिनांक 01.01.2015 एवं (विद्युत) दिनांक 01.01.2015 से प्रभावशील दर पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्यूल अनुसार आयटम दरों पर निम्नलिखित निर्माण कार्य हेतु ऑनलाइन ई-निविदा आमंत्रित की जाती है :-

क्र.	कार्य का नाम	प्राक्कलन राशि लाख में	घरोहर राशि रु में	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	वार्ड क 51 साडा कॉलोनी जमनीपाली में सामुदायिक भवन निर्माण (पञ्जीयन प्रोजेक्ट)	20.00	15000.00	05 माह	वर्ग डी एवं प्रवर श्रेणी	26.02.2021 से


शर्त:-

1. निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी।
2. जिन ठेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर पालिक निगम (साडा) के हित के विरुद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।
3. इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशिप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, आयकर प्रमाण पत्र/पैन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि ऑनलाइन जमा करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड एवं घरोहर राशि का स्कैन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
4. सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं संभारण मद को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिक्युरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी।
5. जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे।
6. निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में वैध शपथपत्र स्कैन कर अपलोड करना अनिवार्य होगा।
7. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तदंतर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
8. ईट से संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
9. प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।
10. निविदा दरों असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समगुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टाईम डिपोजिट 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. निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
12. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
13. निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
14. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण 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		04.02.21	10.30	04.02.21	10.30	Release Tender
2		Bid Submission	04.02.21	17.30	25.02.21	17.30	
3	Tender Open		26.02.21	10.30	--	--	


EXECUTIVE ENGINEER
KORBA (CG)

9 For, Commissioner Korba (C.G.)

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

DETAILED ESTIMATE

Name of Work : WARD NO. 51 SADA COLONY JAMANIPALI ME SAAMUDAYIK BHAWAN NIRMAAN PRABHARI
MANTRI MAD

As per S.R. : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

PART - A

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	1.2	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).								
		-Beside Kabir Bhawan SVBP Nagar W. No. 51	1	25.00	15.00		375.00			
						Total	375.00	sqm	7.20	2700.00
2	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1	In all types of soils.								
		-col.	12	2.00	2.00	1.80	86.40			
			3	1.60	1.60	1.50	11.52			
		-wall	1	42.72	0.40	0.40	6.83			
		-step	1	9.00	1.10	0.20	1.98			
						Total	106.73	cum	185.00	19745.05
3	1.6	Extra for every additional lift of 1.5 m or part thereof.								
	6.1	All types of soils	12	2.00	2.00	0.30	14.40	cum	26.50	381.60
4	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding								

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.								
		-50 percentage qty. of E /W				53.36	53.36			
						Total	53.36	cum	65.00	3468.40
5	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		-col	12	2.00	2.00	0.12	5.76			
			3	1.60	1.60	0.10	0.76			
		-under flooring	1	8.68	17.34	0.20	30.10			
			1	8.68	3.20	0.20	5.55			
						Total	42.17	cum	371.00	15645.07
6	1.19	Providing filling and compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		-under floorig	1	8.68	17.34	0.40	60.20			
			1	8.68	3.20	0.40	11.11			
						Total	71.31	cum	242.00	17257.02
7	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm								

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		nominal size).								
		-col	12	1.90	1.90	0.12	5.19			
			3	1.50	1.50	0.10	0.67			
		-wall	1	64.02	0.40	0.08	2.04			
		-under flooring	1	8.68	17.34	0.10	15.05			
			1	8.68	3.20	0.10	2.77			
		-step	1	9.00	1.00	0.08	0.72			
						Total	26.44	cum	2659.00	70303.96
8	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	1.5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		-coping	1	57.84	0.20	0.05	0.57			
						Total	0.57	cum	4073.00	2321.61
9	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		-col	12	1.80	1.80	0.30	11.66			
		- ,Column Footing = 1/6 (NxH)(A1+A2+4Am) A1=1.8x1.8, A2=,0.35x0.65, Am=(1/2)(1.8X1.8+0.35x0.6	12			.45	9.37			
			12	0.60	0.30	1.20	2.59			
			12	0.60	0.30	3.60	7.77			
		-col.	3	1.40	1.40	0.25	1.47			
		- ,Column Footing = 1/6 (NxH)(A1+A2+4Am) A1=1.4x1.4, A2=,0.25x0.35,	3			.35	1.08			

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		$Am = (1/2)(1.4 \times 1.4 + 0.25 \times 0.3)$								
			3	0.30	0.20	1.10	0.19			
			3	0.30	0.20	3.60	0.64			
		-plinth beam	1	64.02	0.20	0.30	3.84			
		-lintel beam	1	64.02	0.20	0.20	2.56			
		-chhajja	1	9.00	1.50	0.10	1.35			
		-cantilever beam	3	1.50	0.20	0.20	0.18			
			8	1.80	0.50	0.08	0.57			
			3	1.30	0.50	0.08	0.15			
		-slab beam	1	64.02	0.20	0.20	2.56			
			3	8.68	0.30	0.60	4.68			
			1	16.40	0.20	0.20	0.65			
		-slab	1	9.48	21.50	0.12	24.45			
			1	5.40	3.60	0.12	2.33			
		-stair	2	3.35	1.20	0.12	0.96			
			1	0.90	1.20	0.12	0.12			
			2	1.20	1.20	0.12	0.34			
			24x5	1.20	0.30	0.15	0.64			
		Deduction--	1	5.40	3.20	0.12	-2.07			
						Total	78.08	cum	4163.00	325047.04
10	3.4	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:					47.88	cum	97.50	4668.30
11	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	12.1	Thermo-Mechanically treated bars FE 415					6000.00	kg	54.50	327000.00
12	3.14	Providing and mixing water proofing material in PCC/ RCC work in the proportion recommended by the manufacturer.					22.00	kg	43.50	957.00
13	3.16	Making 50mm thick plinth protection of plain cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed stone aggregate 20mm nominal								

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		1	9.48	21.54		204.19			
		1	5.40	3.60		19.44			
	Deduction--	12	0.30	0.60		-2.16			
	Deduction--	3	0.20	0.30		-0.18			
	Deduction--	3	8.68	0.30		-7.81			
	Deduction--	1	64.02	0.20		-12.80			
	Deduction--	1	11.80	0.20		-2.36			
					Total	198.32	sqm	235.00	46605.20
1.8	Beams, lintels, cantilevers & walls								
		1	64.02	0.20		12.80			
		2	64.02		0.20	25.60			
		1	64.02	0.20		12.80			
		2	64.02		0.20	25.60			
		1	11.80	0.20		2.36			
		2	11.80		0.20	4.72			
		2	3.20	0.20		1.28			
		1	3.20	0.20		0.64			
		3	1.50	0.20		0.90			
		3x2	1.50		0.20	1.80			
		3	8.68	0.30		7.81			
		3x2	8.68		0.60	31.24			
					Total	127.55	sqm	202.00	25765.10
1.13	Weather shade, chhajja, Cornices and mouldings								
		8	1.80	0.50		7.20			
		8	1.80		0.08	1.15			
		8x2	0.50		0.09	0.72			
		3	1.30	0.50		1.95			
		3	1.30		0.08	0.31			
		3x2	0.50		0.09	0.27			
					Total	11.60	sqm	294.00	3410.40
1.15	Stair cases of all types excluding spiral and folded plate type, including risers and landings								
		2	3.35	1.20		8.04			
		1	0.90	1.20		1.08			
		2	3.35		0.12	0.80			
		1	0.90		0.12	0.10			
		24	1.20		0.15	4.32			
		24x2	0.50	0.30	0.15	1.08			
		2	1.20	1.20		2.88			
					Total	18.30	sqm	230.00	4209.00
15	7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class								

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.								
13.1		Size 600x600mm								
			1	8.68	17.34		150.51			
			1	8.68	3.20		27.77			
		-skirting	1	26.74			26.74			
						Total	205.02	sqm	1151.00	235978.02
22	12.50	KOTA stone slab 25mm thick in risers and treads of steps, skirting dado and pillar laid in 12mm (Average) thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. (single stone is to be used for riser and treads of steps and the width of stone for skirting and dado shall be equal to the height of skirting/ dado up to length of 1.0 M.)								
			24	1.20		0.15	4.32			
			24	1.20	0.30		8.64			
			2	1.20	1.20		2.88			
			3	9.00	0.30		8.10			
			4	9.00		0.20	7.20			
						Total	31.14	sqm	990.00	30828.60
23	12.51	Extra for nosing in steps and treads of Kota stone slab.								
			24	1.20			28.80			
			3	9.00			27.00			
						Total	55.80	metre	69.50	3878.10
24	9.6	Steel work welded in built up sections/ framed								

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.								
	6.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.					700.00	Kg	68.00	47600.00
25	9.11	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts, locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer.	1	3.00		2.10	6.30	sqm	3330.00	20979.00
26	9.57	Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete.								
	57.1	SS Grade 204					50.00	kg	467.00	23350.00
27	9.47	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge								

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately:								
47.1		For fixed portion					42.00		331.00	13902.00
47.2		For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).					220.00	Kg	338.00	74360.00
28	9.51	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):								
	51.2	With float glass panes of 5 mm thickness								
			8	1.80		1.20	17.28			
			9	0.90		0.30	2.43			
			1	2.00		2.10	4.20			
						Total	23.91	sqm	708.00	16928.28
29	14.13	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.					796.01	sqm	94.50	75222.94
30	14.15	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's								

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:								
15.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)					274.99	sqm	56.00	15399.44
31 14.22	Painting on new work (two or more coats) to give an even shade with:								
22.1	Satin synthetic enamel paint								
		3x2	1.00		2.10	12.60			
		8	0.90		0.30	2.16			
		1	3.00		2.10	6.30			
		8	1.80		1.20	17.28			
					Total	38.34	sqm	55.00	2108.70
32 14.9	Distempering with acrylic washable distemper to give an even shade.								
9.1	On new work (Two or more coats)					521.11	sqm	38.00	19802.18
33 18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.								
76.2	110 mm dia pipe.	4	5.00			20.00	metre	267.00	5340.00

As per Estimate Amount Rs.

1833184.95

Say Rs.

Signature of point A

SUB ENGINEER
NAGAR PALIK NIGAM

ASSISTANT ENGINEER
NAGAR PALIK NIGAM

EXECUTIVE ENGINEER
NAGAR PALIK NIGAM

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

DETAILED ESTIMATE

Name of Work : ELECTRIFICATION WORK FOR SAMUDAYIK BHAWAN
As per FOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD ELECTRICAL-01-08-2015]

PART - B

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	3.1	Wiring for light/ fan/ exhaust fan / call bell point with 1.5 sqmm FR PVC insulated stranded copper conductor single core cable in concealed PVC conduit, with 5 amp piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with same size cable etc as required.								
	1	Short Point								
	2	Medium Point					10.00	Point	236.00	2360.00
	3	Long Point					32.00	Point	388.00	12416.00
2	3.9	Extra for providing and fixing light plug point on board in concealed 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.					26.00	Point	553.00	14378.00
							12.00	Point	240.00	2880.00
3	3.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in concealed PVC conduit as required.								
	2	3 X 2.5 sq. mm in 20mm conduit					214.00	Metre	104.00	22256.00
	11	6 X 2.5 sq. mm in 25mm conduit					72.00	Metre	172.00	12384.00
4	7.1	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as required.								
	12	Fan regulator Electronic,					14.00	Each	178.00	2492.00

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		step type moving all round								
	7 10	Providing and fixing fan hook made of 12mm dia steel bar in existing ceiling slab including cutting of roof, fixing hook above reinforcement on both side, repairing with cement mortar 1:2 (1 cement : 2 sand) etc. as required.					14.00	Each	102.00	1428.00
6	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					14.00	Each	1503.00	21042.00
7	8.6	Supplying, installation, testing and commissioning of following sizes heavy duty (continuous running) 1400 rpm exhaust fan in existing opening in wall including earthing etc. complete as required.								
	1	300 mm sweep					2.00	Each	2558.00	5116.00
8	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.								
	1	Single box type with decorative end caps					16.00	Each	635.00	10160.00
9	8.18	Supplying, fixing, testing and commissioning of following CFL (Built in choke type) in existing lighting luminaries as required.								
	7	26 Watt					16.00	Each	289.00	4624.00

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	11	85 Watt					8.00	Each	907.00	7256.00
	8.19	Supplying, fixing, testing and commissioning of following CFL without ballast in existing CFL lighting luminaries as required.								
	5	36W CFL (without choke)					16.00	Each	175.00	2816.00
11	8.27	Supplying, installation, testing and commissioning of following 230/250 volts HPSV wide beam flood light luminaries with weather proof gear box, igniter, capacitor with IP 66 protection on wall surface/ building parapet/ pole bracket complete but without lamp as required.								
	3	1x250 watt					2.00	Each	7084.00	14168.00
12	8.29	Supplying, installation, testing and commissioning of following 230/250 volts CFL street light fitting with perplex cover on pole bracket complete but without lamp as required.								
	2	85 watt					5.00	Each	1407.00	7035.00
13	8.34	Supplying, fixing, testing and commissioning of following 230/250 volts metal halide lamp in existing lighting luminaries fixed on pole/ wall/ roof etc as required.								
	3	250 watt (T)					3.00	Each	1043.00	3129.00
14	9.10	Providing and fixing metal clad, TP&N switch fuse unit (re-wirable), 415/500 volts, with porcelain re-wireble fuses including drilling holes on the board, connections, earthing the body etc. as required. (Thimbeling shall be paid separately).								
	2	63 amps					2.00	Each	1821.00	3642.00
15	9.11	Providing and fixing porcelain re-wireble fuse								

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		carrier and base unit on wooden board including drilling holes on the board, screws, connections etc. as required. (Thimbeling shall be paid separately).								
	3	63 amps					6.00	Each	157.00	942.00
16	11.2	Supplying and fixing on surface/ recess following way, 240 volts SP&N 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					4.00	Each	602.00	2408.00
17	11.12	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. as required.								
	3	40 amps					4.00	Each	684.00	2736.00
18	11.11	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. as required.								
	2	6 amps to 32 amps					12.00	Each	154.00	1848.00
19	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.					1.00	Set	3454.00	3454.00
20	14.19	Providing and fixing 6					44.00	Metre	20.50	902.00

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ concealed conduit/ submain wiring/ cable as required.								
21	21.15	Supplying and fixing of 32mm dia x 2 metre long G.I pipe (light) bracket for mounting street light fittings of all types on poles including bending the pipe to the required shape, 2 Nos 40x3mm flat iron clamps with bolts and nuts including wiring with 1.5 sq. mm W.P /PVC wire etc. as required.					6.00	Each	823.00	4938.00

As per Estimate Amount Rs. 166810.00

value of part Say Rs. //

Add: - value of part = 18,33,184.7

Total = 19,99,994.7

SUB ENGINEER
NAGAR PALIK NIGAM
KORBA (C.G)

ASSISTANT ENGINEER
NAGAR PALIK NIGAM
KORBA (C.G)

EXECUTIVE ENGINEER
NAGAR PALIK NIGAM
KORBA (C.G)

Say Rs. 20,00,000/-