

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

क्र.सं./1852/2024

सिरटम टेंडर नं. 158204

कोरबा दिनांक 30.08.2024

ई-निविदा आमंत्रण सूचना

कार्यालय नगर पालिक निगम, कोरबा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन पणाली अंतर्गत सक्षम श्रेणी में पंजीकृत टेकेंदारी से प्रमुख अभियंता लोक निर्माण विभाग रायपुर द्वारा भवन एवं सड़क कार्य हेतु दिनांक 01.01.2015 एवं विद्युत कार्य हेतु दिनांक 01.06.2020 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त सशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई-प्राक्पत्र (E-Tendering) के माध्यम से निविदा प्रपत्र Form-A में निविदा आमंत्रित की जाती है -

क्र.	कार्य का नाम	प्राक्कलन राशि (लाख में)	घरोहर राशि (IDR IDR)	कार्यावधि	निविदा प्रतिभागी शुल्क (डिमांड ड्राफ्ट)	टेकेंदार का वर्ग	निविदा खुलने की तिथि
1	फिजिकल सबमिशन लिफाफा प्राप्त होने की अंतिम तिथि	-	-	25.09.2024 सायंकाल से 3:00 बजे तक			
2	निविदा खुलने की अंतिम तिथि	-	-	25.09.2024 सायंकाल 4:00 बजे से			
1	नहर रोड पर नवीन पानी टर्की के समीप मल्टीलवेल पावर्टिंग के बचे हुए शेष निर्माण कार्य (जिला खनिज चारा मद) (प्रथम निविदा)	393.13	197000 -	10 माह	5000 -	वर्ग बी एवं ए वर श्रेणी	25.09.2024 से

शर्तें -

- निविदा दरे प्रचलित सीएसआर से कम या अधिक प्रतिशत दरो पर दिया जावे सीएसआर के अंतर्गत के आयटमों पर पृथक से आयटम दरो का उल्लेख करने पर निविदा निरस्त मानी जावेगी
- जिन टेकेंदारों द्वारा नगर पालिक निगम (साडा) के किसी टेके के कार्य में अनुबन्ध 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।
- इच्छुक टेकेंदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझादारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशिप डीड) की सत्य प्रतिलिपि उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर बुकला प्रमाण पत्र पत्र नम्बर जीएसटी पंजीयन प्रमाण पत्र एवं अमानत राशि के FDR/TDR की प्रति ऑनलाईन अपलोड करना अनिवार्य होगा, प्रशिक्षित घनी नियुक्त करने संबंधी प्रमाण पत्र, बैंक साल्वेसी सर्टिफिकेट, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड, वीड कंपसिटी डाक्यूमेंट निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं घरोहर राशि FDR/TDR, शपथपत्र का स्कैनकापी निविदा प्रपत्र में मांग किया गया समस्त दस्तावेजों का स्वप्रमाणित स्कैन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
 - अमानत राशि का बैंक FDR/TDR, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं निर्धारित प्रारूप में शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से आयुक्त, नगर पालिक निगम, कोरबा साकेत भवन, आईटीआई चौक रामपुर कोरबावाडी पिन- 495677 कोरबा के पते पर भेजा होगा। फिजिकल डाक्यूमेंट सबमिशन के निर्धारित तिथि को सायं 03:00 बजे के पश्चात् फिजिकल सबमिशन लिफाफा स्वीकार नहीं किया जायेगा।
 - निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभाग में उनका दायर किया जा रहे कार्य का विवरण राशि सहित मूलप्रति में निर्धारित प्रारूप में बैंक शपथपत्र (राशि रु. 100/- नॉनज्यूडिशियल स्टाम्प) निविदा आमंत्रण दिनांक के पश्चात का, निविदा क्रमांक एवं कार्य का नाम अंकित करना अनिवार्य होगा एवं निविदा प्रपत्र में समस्त शपथ पत्र के स्कैन कॉपी को आनलाईन सबमिट करना अनिवार्य होगा। शपथ पत्र का मूल प्रति फिजिकल सबमिशन लिफाफा के अंदर प्रस्तुत करना होगा।
 - अमानत राशि का FDR/TDR एवं निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट जो कि आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय हो प्रस्तुत करना अनिवार्य होगा।
- सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल दायका में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं सफाया मद को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिक्यूरिटी की गारंटी के रूप में 05 वर्ष के लिए रकी जावेगी। सुरक्षा राशि एवं परफार्मेंस गारंटी राशि वापसी हेतु समयावधि की गणना कार्य पूर्णता तिथि से किया जायेगा। उक्त समयावधि में निर्माण कार्य की भौतिक स्थिति सही होने तथा सक्षम प्राधिकारी के सतुष्टि के आधार पर भुगतान किया जायेगा।
- 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।
- निविदा में मांग लने वाले टेकेंदारों को छग भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तदअंतर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
- ईट से संबंधित निर्माण कार्यों में प्लेन ग्रीक का उपयोग किया जाना अनिवार्य होगा।
- प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल सलगन करना अनिवार्य होगा।
- निविदा दरो असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबन्ध के पूर्व एसओआर एवं निविदा दरे की अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफडीआर, पोस्ट ऑफिस टाईम डिपोजिट अथवा एनएससी जो कि आयुक्त नगर पालिक निगम, कोरबा के नाम पर देय होगा जा मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि समयावधि में जमा न करने की दशा में निविदा स्वयं निरस्त मानी जावेगी।
- निविदा अहस्तांतरणीय होगा एवं शर्त निविदाओं पर विचार नहीं किया जावेगा।

11. निविदाकार को कार्य से संबंधित मटेरियल के गुणवत्ता परीक्षण हेतु खर्च को लेब स्थापित करना अनिवार्य होगा।
12. निविदा प्रपत्र फार्म -ए की कंडिकन 11 Price Adjustment (एस्कलेशन) देय नहीं होगा एवं सबलैट मान्य नहीं होगा।
13. निविदा के सव्घ में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
14. निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहगा।
15. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम कारवा के साकल भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।
16. टेकंदार द्वारा संपादित किए गए कार्यों के देखने का मुक्तान कार्य विशेष हेतु वजह आवंटन एवं रशि उपलब्ध होने पर किया जाएगा।
17. निविदा में सफल निविदाकार को ऐसे कार्य जिसकी अनुक्य यथि 10.00 लाख या उससे अधिक है, उनको प्रत्येक कार्य हेतु पृथक से छ ग भवन और सन्निर्माण कर्मचार मण्डल का पञ्जीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देखक भुगतान किया जाना सम्व नहीं होगा।
18. कार्य क्रियानायन से संबंधित गुणवत्ता परीक्षण सब्धी रिपोर्ट पर होने वाले व्यय का वहन संबंधित टेकंदार द्वारा किया जाएगा।
19. टेकंदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रकन नियम 2016" में किये गए प्राकधानों का पालन करना अनिवार्य होगा।

कार्यपालक अभियंता
नगर पालिक निगम,
कारवा (छ ग)

प्रतिलिपि-

पोयामर, संचालनालय, नगरीय प्रशासन एवं विकास विभाग, रायपुर को uad cg gov in में अपलोड करने हेतु प्रेषित।

Date-Time Detail(s)

Seq No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		30 08 2024	13.00	30 08 2024	13.00	Release Tender
2	Ph Bid Meeting		18 09 2024	11.00	18 09 2024	12.00	At MIC Room Saket Bhawan, Municipal Corporation, Korba
3		Bid Submission	30 08 2024	13.00	24 09 2024	17.30	
4		Physical Document Submission	30 08 2024	13.00	25 09 2024	15.00	
5	Tender Open		25 09 2024	16.00			


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

ESTIMATE FOR BALANCE WORK OF MULTILEVEL PARKING FOR MUNICIPAL CORPORATION KORBA (C.G.)

BILL OF QUANTITY

S.No.	I.NO.	SOR	PARTICULAR	QTY.	UNIT
1	12.45.3	BLD	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.)	130.64	SQM
2	12.4	BLD	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.	17946.88	SQM
3	11.2	BLD	Providing and making 12mm.thick cement plaster of mix : In Cement Mortar 1:6 (1 Cement : 6 fine Sand)	30197.90	SQ.M
4	14.13	BLD	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. As per Inner , outer plastering	27468.63	SQ.M
5	14.16.1	BLD	14.16 Painting exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:14.16.1 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)	29123.43	SQ.M
6	14.16.1	BLD	Providing and fixing aluminium strip 1.60 mm thick on expansion joints with iron screws as per design to match the colour, shade of wall treatment	192.48	SQ.M

S.No.	I.NO.	SOR	PARTICULAR	QTY.	UNIT
7	9.15	BLD	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.	21630.00	KG
8	3.3.2	BLD	Providing and laying design mix reinforced cement concrete with crushed graded stone aggregate 20mm nominal size using batching plant, transit mixer and concrete pump, in all works upto plinth level excluding cost of form work. 3.3.2 M-25 Grade	735.49	CUM
9	3.4	BLD	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:	2983.30	CUM
10	3.12.1	BLD	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 all complete: Thermo-Mechanically treated bars FE 415	92232.67	KG
11	2.1.5	BLD	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.5 Columns, Pillars, Piers and likes- rectangular or square in shape	1336.16	SQ.M
12	2.1.8	BLD	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.8 Beams, lintels, Cantilevers & Walls.	2749.80	SQ.M
13	2.1.7	BLD	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.7 Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	2360.83	SQ.M
14	18.76	BLD	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. 18.76.2 110 mm dia pipe.	120.00	MTR

S.No.	I.NO.	SOR	PARTICULAR	QTY.	UNIT
15	18.77	BLD	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings / accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. 18.77.1.2 110 mm	1000.00	EACH
16	18.78	BLD	Providing and fixing UV stabilized Unplasticised PVC pipe clips of approved design to Rigid PVC pipes by means of 50 x 50 x 50 mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement :4 coarse sand) and making good the wall etc. complete. 18.78.2 110 mm	1000.00	EACH
17	2.1.15	BLD	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.15 Stair cases of all types excluding spiral and folded plate type including risers and landings.	74.43	SQ.M
18	9.13	BLD	Providing and fixing steel door/ window with M.S. sheet 1 mm thick, frame of angle iron , diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.	151.20	KG
19	1.1.1	BLD	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. 1.1.1) In all types of soil	538.60	CUM
20	1.18	BLD	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.	31.02	CUM
21	3.1.3	BLD	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 3.1.3) 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	31.02	CUM

S.No.	I.NO.	SOR	PARTICULAR	QTY.	UNIT
22	3.2.1	BLD	Providing and laying nominal mix reinforced cement concrete with crushed graded stone aggregate 20mm nominal size using batching plant, transit mixer and concrete pump, in all works upto plinth level excluding cost of form work. 3.4.2) 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	152.42	CUM
23	2.1.1	BLD	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, base of columns and plinth beam in any shape and size.	563.02	SQM
24	7.5.4	BLD	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	175.46	CUM
25	7.6	BLD	Extra for brick work in superstructure Above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	164.64	CUM
26	11.4.4	BLD	Providing and making 20mm thick cement plaster on stone masonry of mix: 11.4.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)	1654.80	SQM
27	14.48.1	BLD	14.48 Distempering with washable distemper manufacture with the cow dung processing to give an even shade. 14.48.1 On new work (Two or more coats)	1654.80	SQ.M
28	4.4	ROAD	Granular Sub-base as per Table :- 400-1 Construction of granular sub base by providing close graded material carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface watering rolling and compacting with vibratory power roller at OMC to achieve the desired density complete as per clause 401 By mix in place method A Plant mix method (with Mechanically crushed stone only) (a) For Lower Sub-base with (i) Grading-III Material	129.06	CUM

S.No.	I.NO.	SOR	PARTICULAR	QTY.	UNIT
29	4.15	ROAD	4.15 Providing & laying precast interlocking concrete blocks of minimum compressive strength of 300 kg/sq.cm and approved size , shape/ pattern over coarse sand bed of thickness upto 40 mm and joints thick filled with fine sand including leveling with surface vibrator, temping and sweeping etc. complete as per IRC-SP-63-2004 C) 80mm thick Polymer coated coloured precast interlock concrete blocks	860.40	SQ.M
30	8.1	ROAD	Cast in Situ Cement Concrete M20 kerb (Construction of cement concrete kerb with top and bottom width 115 and 165 mm respectively, 250 mm high in PCC M20 grade on PCC M10 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409)	568.40	RMT.
31	3.2	ROAD	Construction of RCC open drain 0.60m x 0.60m inside dimension lined with 120 mm thick RCC M-20 walls, 120 mm thick CC M-20 foundation, over 100 mm thick (Av) leveling course in PCC M-15 including excavation , dressing of sides and bottom, provision of HYSD reinforcement consisting 8 mm dia horizontal bars @ 150 mm c/c and L-shaped 8 mm dia vertical bars @ 150 mm c/c (L= 800 mm) including cutting , bending and binding wire, placing in position , providing shuttering and concreting by using concrete mixer, compaction by vibration etc complete as per drawings and technical specifications	356.00	RMT
32	19.12	ROAD	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 form work, embedding 2 nos 50mm dia PVC pipe for cable entry in each foundation, excavation disposal of surplus soil and curing etc.	3.24	CUM

S.No.	I.NO.	SOR	PARTICULAR	QTY.	UNIT
33	19.7.1	ELECT	19.8 Supply of hot dipped galvanized (in single dip to minimum 75 micron) octogonal 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 24mm dia foundation bolts of EN8 grade, and as per IS 2062 & BS EN: 10025. (designed for wind speed upto 180km/hr, IS: 875 Part 3) 19.8.1 9 metre high, dia 155mm at bottom and 90mm at top, base plate size 260x260x16mm, foundation bolts 750mm long	10.00	EACH
34	19.9.2	ELECT	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 stiffner 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 per specification. 19.9.2 Single Over Hang 1.00 metre Long	10.00	EACH
35	19.11.7	ELECT	Erection of GI octogonal/ tubular/conical pole on existing cement concrete foundation having grouted bolts and nuts, aligning in true vertical position as per specification. 19.11.7 9 metre high	10.00	EACH
36	31.11.3	ELECT	Painting of following height steel tubular poles with two coat of approved colour and shade synthetic enamel paint including cleaning the surface as per specification: 31.11.3 Above 8 metre and upto 10 metre	10.00	EACH
37	15.1.22	ELECT	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavtion, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1). 4 x 10 sq. mm.	100.00	METER
38	15.1.22	ELECT	Panel Incoming Wiring 15.1.24 4 x 25 sq. mm	100.00	METER

S.No.	I.NO.	SOR	PARTICULAR	QTY.	UNIT
39	15.23.23	ELECT	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 per specification. 4 X 10 sq. mm (22 mm)	20.00	NOS.
40	32.2.5	ELECT	Providing following size ISI marked FRLS PVC insulated , PVC sheathed, flexible copper conductor wire. 2.5 sq. mm three core	60.00	METER
41	14.1.5	ELECT	Supplying and laying ISI marked double wall HDPE pipe (IS 14930 Part II) having corrugation on the outer wall and plan surface on inner wall 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 the surface good etc. as per specification. 14.1.5 180 mm outer dia and 150 mm inner dia	100.00	METER
42	7.19	ELECT	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, switchgears and other accessories etc complete as per specification. Above 450 mm and upto 600 mm deep	2.88	sqm
43	7.20	ELECT	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 shape insulators, necessary bolts and nuts etc complete as per specification. 400 amp (50x6mm)	2.88	Metre
44	9.1.5	ELECT	9.1.5 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 = 100 % Icu. 3 pole MCCB, 125A, Adjustable Thermal - Magnetic Release, 25KA Incomer of Lighting Panel	2.00	EACH
45	9.16	ELECT	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. as per specification.	20.00	Each

S.No.	I.NO.	SOR	PARTICULAR	QTY.	UNIT
46	10.13	ELECT	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 per specification.	4.00	Each
47	10.15	ELECT	Providing and fixing following rating current transformer in existing cubical panel including, connections, testing and commissioning etc. as per specification. 100/5 amps	2.00	Each
48	10.17	ELECT	Providing and fixing panel mounting 230 volt LED type indicating lamp in existing cubical panel including, connections, testing and commissioning etc. as per specification.	8.00	Each
49	10.18	ELECT	Providing and fixing panel mounting following rating analog type ammeter of size 100x100 (NS) in existing cubical panel including, connections, testing and commissioning etc. as per specification.	5.00	Each
50	10.20	ELECT	Providing and fixing panel mounting 0-500 volt voltmeter of size 100x100 (NS) in existing cubical panel including, connections, testing and commissioning etc. as per specification. Digital type	5.00	Each
51	10.21	ELECT	Providing and fixing panel mounting selector switch in existing cubical panel including, connections, testing and commissioning etc. as per specification. For voltmeter	5.00	Each
52	10.21	ELECT	Providing and fixing panel mounting selector switch in existing cubical panel including, connections, testing and commissioning etc. as per specification. For voltmeter	5.00	Each
53	10.22	ELECT	Providing and fixing following Time switch (timer) in existing panel including connection, testing and commissioning as per specification.	5.00	Each
54	12.1	ELECT	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 per specification and IS Code	2.50	SET
55	12.13	ELECT	Supplying and laying 25 mm X 6 mm G.I. strip at 0.50 metre below ground as strip earth electrode, including soldering, excavation and refilling the trench etc. as per specification.	1.25	METER
56	12.12	ELECT	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 per specification.	12.50	METER

S.No.	I.NO.	SOR	PARTICULAR	QTY.	UNIT
57	6.28.7	ELECT	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 P.F. should be greater than 0.9. LED chip efficacy ratio \geq 120 lumens /watt. 6.28.9 120 watt	10.00	NOS
58	1.6.1	BLD	Extra for every additional lift of 1.5M or part there of. All types of soil	63.81	CUM
59	1.7	BLD	Extra rate for quantity of work executed in or under water and/ or liquid mud including pumping out water.	33.27	CUM
60	1.17	BLD	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M.	39.77	CUM
61	2.1.6	BLD	2.1.2) Wall of any thickness including attached pilasters, buttresses etc.	46.20	SQM
62	20.11.1	BLD	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6(1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design: 20.11.1 With 20x20 mm square bar	12.00	Nos.
63	32.102.5	ELECT	Supplying of submersible pump set for water supply system with submersible motor as per specification. 3.0 HP, three phase	1.00	No.
64	12.2	BLD	25mm thick cement concrete flooring with 1:2:4 cement concrete (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) finished with floating cost	12.00	SQM
65	20.15.1	BLD	Providing and fixing in position precast R.C.C. manhole cover and frame L D- 2.5 of required shape and approved quality. 20.15.1 Rectangular shape 600x450mm internal dimensions	1.00	EACH
66	1.1.1	ELECT	Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp piano type switch, phenolic laminated sheet, suitable size M.S. box etc as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)	1500.00	Point

S.No.	I.NO.	SOR	PARTICULAR	QTY.	UNIT
67	1.1.2	ELECT	Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp piano type switch, phenolic laminated sheet, suitable size M.S. box etc as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)	1500.00	Point
68	1.1.3	ELECT	Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp piano type switch, phenolic laminated sheet, suitable size M.S. box etc as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)	2000.00	Point
69	1.2	ELECT	Wiring for twin control light point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm), with 5/6 amp piano type switch, phenolic laminated sheet, suitable size M.S. box etc as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)	2385.00	Point
70	1.9	ELECT	Extra for providing and fixing light plug point on board in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) point wiring with modular type 3 pin 5/6 amp socket outlet and 5/6 amp switch including cost of base and cover plate and G. I. box etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)	3000.00	Point
71	18.76.1	BLD	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. 75 mm dia pipe.	5000.00	METER

S.No.	I.NO.	SOR	PARTICULAR	QTY.	UNIT
72	20.28.1	BLD	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :	298.00	EACH
73	20.28.3	BLD	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :	258.00	EACH
74	NS	NS	Re Bar 12 mm Depth 120 mm	24.00	Nos.
75	NS	NS	Re Bar 16 mm Depth 160 mm	600.00	Nos.
76	NS	NS	Re Bar 20 mm Depth 200 mm	192.00	Nos.
77	NS	NS	Re Bar 16 mm Depth 160 mm	68.00	Nos.
78	NS	NS	Re Bar 16 mm Depth 380 mm	66.00	Nos.
79	NS	NS	Mobilization & Demobilization		FIX