कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क.147 / निर्माण / 2023

सिस्टम टेंडर नं. 132398 ई–निविदा आमंत्रण सूचना

कोरवा दिनांक 26.04.2023

कार्यालय नगर पालिक निगम, कोरबा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से प्रमुख अभियंता लोक निर्माण विभाग, रायपुर द्वारा भवन 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 संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई—प्रोक्युरभेंट (E-Tendering) के माध्यम से निविदाएं आमंत्रित की जाती है

क.	कार्य का नाम	प्राक्कलन राशि	धरोहर राशि	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की
		(लाख में)				तिथि
1	नगर पालिक निगम, कोरबा क्षेत्रांतर्गत वार्ड	99.26	75000/-	08 माह	वर्ग डी एवं प्रवर	19.05.2023 ₹
	क 14 पम्पहाउस नन्दीस्वान में महात्मा गांधी				श्रेणी	
	अर्बन इण्डस्ट्रियल पार्क अंतर्गत शेड निर्माण,					
	पेवच् ब्लॉक, विद्युतीकरण, जल प्रदाय एवं					
	अन्य आवश्यक कार्य					

शर्ते:-

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 विरूद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।

3. निविदाकार एवं निर्माता को विगत 03 वर्षों राशि रू. 1.80 लाख का औसत टर्नओवर होना आवश्यक है।

4. सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं संधारण मद को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिक्यूरिटी 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 कें अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में वैध शपथपत्र स्केन कर अपलोड करना अनिवार्य होगा।

7. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सिन्नर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तद्अंतर्गत निर्धारित नियमों के तहत् पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।

8. ईंट 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 समतुल्य परफारमेंस गारंटी के रूप में राष्ट्रीयकृत वैंक 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 समयाविध में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।

11. निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नही 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 अरवीकृत 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।

> कार्यपूर्वन अभियंता स्थार यासिक निगम कोरबा (छत्तीसगढ़)

प्रतिलिपि-

प्रोग्रामर, संचालनालय, नगरीय प्रशासिन एवं विकास विभाग, रायुपर को uad.cg.gov.in में अपलोड करने हेतु प्रेषित।

Date-Time Detail(s)

Seq.		Contractor Stage	Start		Expiry		Remarks
No.	Nagar Nigam Stage	Contractor Stage	Date	Time	Date	Time	
1	Release Tender		26.04.2023	18.00	26.04.2023	10.30	Release Tender
2		Bid Submission	26.04.2023	10.30	18.05.2023	17.30	
3	Tender Open		19.05.2023	10.30			

EXECUTIVE ENGINEER

KORBA (CG)

For, Commissioner Korba (C.G.)

DETAILED ESTIMATE FOR PROPOSED DEVELOPMENT OF NANDI SWAN UNDER UIPA PROJECT AT MUNICIPAL CORPORATION KORBA (C.G.)

BOQ

S.No.	PARTICULAR	QTY.	UNIT
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.		
	1.1.1) In all types of soil		
	(BUILDING SOR ITEM NO1.1.1/9)	211.68	CUM
2	Carriage by mechanical transport upto 5 km lead:		
	1.26.1 Earth		
	(BUILDING SOR ITEM NO1.26/12)	211.68	CUM
3	Pumping out water caused by springs tidal or river seepage, broken water main or drains and like during Excavation		
	or during Excavation and laying of base concrete (volume to be calculated taking height from water level to bottom		
	of pit and to be measured and paid) .		
	(BUILDING SOR ITEM NO1.10/10)	63.50	CUM
4	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.		
	(BUILDING SOR. ITEM NO1.18/11)	1003.77	CUM
5	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in		
	foundation, plinth and at ground level excluding cost of form work.		
	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).		
	(BUILDING SOR. ITEM NO 3.1.3/23)	303.61	CUM
6	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.		
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).		
	(BUILDING SOR ITEM NO 3.2/23)	70.98	CUM
7	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		
	(BUILDING SOR. ITEM NO3.12.1/24)	7098.29	KG
8	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and		
	including its removal at all levels, for:		
	2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.		
	·	411.79	
9	(BUILDING SOR ITEM NO 2.1.1/16)	411./9	SQ.M
9	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.		
	(BUILDING SOR ITEM NO 2.1.8/16)	244.74	SQ.M
10	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse	244./ 4	30.71
'0	sand: 4 graded crushed stone aggregate 20mm nominal size) including formwork.		
	(BUILDING SOR ITEM NO 3.13/24)	4.89	CUM
11	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in	4.07	COM
	foundation and plinth in:		
	Cement Mortar 1:6 (1 cement : 6 coarse sand)		
	(BUILDING SOR ITEM NO 7.5.4/45)	44.26	CUM
12	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in	0	
	foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)		
	Extra for brick work in superstructure Above plinth level for every floor or part thereof in addition to rate for		
	foundation and plinth:		
	(BUILDING SOR. ITEM NO 7.6/45)	252.72	CUM
13	Providing and making 12mm.thick cement plaster of mix :		
	In Cement Mortar 1:6 (1 Cement : 6 fine Sand)		
	(BUILDING SOR, ITEM NO11.2/103)	1362.15	SQ.M
14	Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix.		
	In Cement Mortar 1:6 (1 cement : 6 fine sand)		
	(BUILDING SOR, ITEM NO11.3/103) Page 1	1482.45	SQ.M

S.No.	PARTICULAR	QTY.	UNIT
15	Providing and fixing in position doors, windows and ventilators frames made of cold rolled pressed steel sheet		
	framed profiles made from commercial M.S. Sheets conforming to I.S. 513 of 1973 and as per general specifications		
	of I.S 4351 including hinges jamb, lock jamb, steel butt hinges, base tie, joints mitred and welded with 10cm long legs		
	of size 15x3mm M.S. flat, embedded in cement concrete blocks 15x10x10cm size of grade M-10 or rawl plugs and		
	screws or with fixing clips or with bolts and nuts including neatly compacted filling M-10 cement concrete in profile		
	section applying a priming coat of red oxide zinc chromate primer.		
	9.18.3 Single rebate/ mullion 100mmx50mm size, 1.25mm thick sheet.		
	(BUILDING SOR ITEM NO9.18/81)	84.00	METER
16	Providing and fixing flush door shutters, conforming to IS : 2202 (Part-I), decorative type core of block board	04.00	METER
	construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross		
	bands and face veneers on both faces of shutters excluding hinges.8.12.3 30 mm. thick (single leaf)		
	(BUILDING SOR. ITEM NO8.12.2/56)	26.46	SQ.M
17	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 fiiting complete		
	including applying a priming of red oxide zinc chromate primer.		
	(BUILDING SOR ITEM NO9.15/81)	2250.00	KG
18	Providing and fixing antique/ SS finished brass sliding door bolt with necessary bolts, nuts and antique/ SS polished		
	MS screw complete: 8.79.2 250 x 16mm		
10	(BUILDING SOR ITEM NO.8.79/64)	28.00	EACH
19	Providing and fixing antique/ SS finished brass tower bolts (Barrel type) with antique/ SS polished MS screw complete: 250 x10 mm		
	(BUILDING SOR ITEM NO.8.81/64)	28.00	EACH
20	Providing and fixing 150mm antique/ S.S. finished brass floor door stopper with rubber cushion and antique/ S.S.	20.00	
	polished MS screws to suit the shutter thickness.		
	(BUILDING SOR ITEM NO8.90/65)	28.00	EACH
21	Providing and fixing antique/SS finished brass handles with antique/SS polished MS screw complete:		
	125 mm		
	(BUILDING SOR ITEM NO8.84/65)	56.00	EACH
22	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm)		
	finished with a floating coat of neat cement. 12.3.2- 50 mm thick		
		1737.61	V 03
23	(BUILDING SOR ITEM NO.12.3.2/111) Providing and applying 2mm thick ready mix exterior grade putty (manufactured with cow dung processing) on walls	1/3/.01	SQ.M
23	to make the surface smooth and even.		
	As per Inner , outer plastering		
	(BUILDING AMMENDMENT SOR ITEM NO14.51)	2844.60	SQ.M
24	Wall painting with premium emulsion (plastic) paint manufactured with the cow dung processing emulsion paint of		
	required shade to give an even shade.		
	14.49.1 On new work (Two or more coats) (BUILDING AMMENDMENT SOR ITEM NO14.49)	1733.46	SQ.M
25	14.50 Painting exterior surface with SMOOTH exterior emulsion paint manufacturerd with the cow dung processing		
	to give pro specifications to give protective and decorative finish including cleaning washing of surface etc.		
	1.4.50.1.0	004.04	
	14.50.1 On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over. (BUILDING AMMENDMENT SOR ITEM NO14.50)	906.06	SQ.M
26	Painting on new work (two or more coats) to give an even shade with		
	14.22.2 Premium synthetic enamel paint (BUILDING SOR. ITEM NO14.22.2/134)		
		115.00	SQM
27	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame	T	
	work including cutting, hoisting, 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. 9.3.1 Electric resistance or induction butt welded tubes Grade-300		
	7.5.1 Electric resistance of induction but welded lubes Ofdde-300		
	(BUILDING SOR. ITEM NO9.3.2/80)	24001.00	KG
	[DOILDING SON, IILM NO7.3.2/00]	24001.00	N.G

13.65 Providing & laying 60mm thick precast interlocking concrete blacks of approved size (approx 305 sept) and shape / pattern, over 40 mm thick average complete coarse sand bed with joints of 3 mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm 12.65.2 Pigment Coloured (rubber mould) precast interlock concrete blacks [BUILDING SOR ITEM NO12.65.2/120) 12.1 Writing for light/ fon/ exhaust fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in surface FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp pione type switch, phenolic laminated sheet, suitable size M.S. box et as per specification and IS. 694 (2010), IS. 9537 (2000 Part 5) 2.1.1 I.1 Short Point 2.1.2 Medium Point 2.1.3 Long Point 3.2 2.2 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 3.2 1.1 Wiring for power plug point with 3x4 sq mm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in surface FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 3.2 1.1 Strata Long Point 1 2.1 1.4 Extra Long Point 1 3.1 2.1 Wiring for power plug point with 3x4 sq mm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in surface FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) and provided the specification and 15.694 (2010), IS: 9537 (2000 Part 5) 3.2 2.1 Strata Long Point 1 3.2 2.1 Wiring for power plug point with 3x6 sq mm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in surface FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) elia surface PRLS PVC insulated copper conductor, wire in surface FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) elia si	S.No.	PARTICULAR	QTY.	UNIT
10.12 Spg) and fixing of polymer precorded golvolume profile sheets (PPGI) of approved size, shape and pitch of corrugation, total coated thickness (CTI) 0.00 mm +/- 5%, apply prime on both side of the sheet and color polyvers no coated 3-2 microsom on bothom. Sheet should have professive grant film of 25 microsom on polymers not profile sheets (PPGI) of approved size, shape and pitch of corrugation, total coated thickness (CTI) 0.00 mm +/- 5%, apply primer on both side of the sheet and color polyvers no coated 3-2 microsom on bothom. Sheet should be propried they gard the sheet shall be frozen on bothom. Sheet should be propried on 25 microsom on the coated sheet shall be frozen on bothom. Sheet should be propried to a sheet shall be frozen upon sheet shall be frozen on bothom. Sheet should be precipited to a sheet shall be frozen on bothom. Sheet should be precipited to sheet sheet sheet shall be frozen to sheet shall be provided using self diffulling sheet on sheet shall be frozen sheet sheet shall be frozen sheet sheet shall be frozen sheet s		Providing and fixing 15 cm. wide 45cm. overall semi circular plain G.l. sheet gutter with iron brackets 40x3 mm size,		
BUILDING SCR. ITEM NO10.9/91) 323.36 MTE NO.12 Supply and Rising of pelymer precoreted golvolume profile sheets (PPCI) of approved size, shape and pitch of corrupation, total contest flakmes (TCI) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and color polyster top cont 18-20 microns and 6-7 microns on bothom. Sheet should have protective gourd film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upor 12 mere or as desired by Engineer-in-charge. The sheet should be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPON sead or with polymer coasted of 1x flows, both and nat Simm disometer with blumen and CA. Impert vacinetrs or with G.I. Ilmpet vacinetrs or with G.I. Ilmpet vacinetrs or with G.I. Ilmpet vacinetrs or with growing cooled of 1x flows, both and nat Simm disometer with blumen and CA. Impet vacinetrs or with G.I. Ilmpet vacinetrs or with growing cooled or with polymer coast of purifies, rafters and trauses and including certain to size and shape wherever required.				
199 10.12 supply and fixing of polymer precorated golvolume profile theast (PPGU) of approved size, shape and pitch of corrugation, total coards inkiness (CT) 0.00 mm +/- 5%, peops yrpimer on both side of the sheet and colour polyester top coar 18-20 microes and 6-7 microes on bothom. Sheet should have protective gourd film of 25 microes minimum to road scratches while trasapportation and should be supplied in single length up 10 2 meter or as desired by Engineer-in-charge. The sheet should be fixed using self drilling /self rapping screw of size (5.5x 55mm) with EPDN sead or with polymer coards of at books, both and nat Rem diameter with bitmens and GL, limper worshers or with GJ. Imper worshers or providing & long soft size (approx 305 sizem) and shape/ portern, over 40 mm thick overage complete coares and bed with joints of 3 mm thick filled by fine sand including leveling with surface vibrators, temping and sweeping etc. complete or minimum compressive strength of 250 kg/sycm 12.65.2 Pigment Coloured (rubber mould) precost interlock concrete blocks (BULIDNG SGR ITEM NO12.65.2/120) 31 2.1 Willing for light/ Forn / oxhours fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, pertural and earth in surface RFLS PVC conduit (heavy duty, mickness of pipe should be 2 mm) with 5/6 ox pipe point with 3x4 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in surface RFLS PVC c		10.9.2 0.63 mm thick sheet		
199 10.12 supply and fixing of polymer precorated golvolume profile theast (PPGU) of approved size, shape and pitch of corrugation, total coards inkiness (CT) 0.00 mm +/- 5%, peops yrpimer on both side of the sheet and colour polyester top coar 18-20 microes and 6-7 microes on bothom. Sheet should have protective gourd film of 25 microes minimum to road scratches while trasapportation and should be supplied in single length up 10 2 meter or as desired by Engineer-in-charge. The sheet should be fixed using self drilling /self rapping screw of size (5.5x 55mm) with EPDN sead or with polymer coards of at books, both and nat Rem diameter with bitmens and GL, limper worshers or with GJ. Imper worshers or providing & long soft size (approx 305 sizem) and shape/ portern, over 40 mm thick overage complete coares and bed with joints of 3 mm thick filled by fine sand including leveling with surface vibrators, temping and sweeping etc. complete or minimum compressive strength of 250 kg/sycm 12.65.2 Pigment Coloured (rubber mould) precost interlock concrete blocks (BULIDNG SGR ITEM NO12.65.2/120) 31 2.1 Willing for light/ Forn / oxhours fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, pertural and earth in surface RFLS PVC conduit (heavy duty, mickness of pipe should be 2 mm) with 5/6 ox pipe point with 3x4 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in surface RFLS PVC c		ANUMENIA CON ITEM NO. 100/01)	202.27	1170
of corrugation, total coated thickness (TCT) 0.60 nm +/- 5%, epoxy primer on both side of the sheet and colour polystest rop coat 18-20 micros and 6-7 micros no bothom. Sheet should have protective guard film of 25 micros minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Eginper-in-charge. The heet shall be fixed using self draling /self topping screws of size (5.56, 5.5mm) with EPOM seal or with polymer coated 1 or 1 hools, bolts and rust 8mm diameter with bitumen and GJ. Ilmpet workers or with GJ. Ilmpet workers (flied with white lead complete upto any pitch is horizontal / vertical or curved surfaces excluding the cost of purilis, rafters and trusses and including cutting to size and shape wherever required.	20		323.36	MIR
polyester top coal 18-20 microns and 6-7 microns an bottom. Sheet should have protective goard film of 23 microns minimum to avoid scratches while transportation and should be supplied in single length up to 12 metro or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDA seal or with polymer coards of 1 no host, bottom and small minimum and 3.6. limper washers or with G.I. limper washers or with G.I. limper washers of the coard of the coard of the coard including curting to size and shape wherever required. 30 12.65 Providing 8 laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 screll and shape/ pattern, over 40 mm thick average complete corres some bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping est. complete of minimum compressive strength of 250 kg/sccm 12-65.7 pgment Coloured (wbber mould) precast interlock concrete blocks [BUILIDIAG SOR ITEM NO.1-16.56.27/120] 12.1 Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 sqmm FRIS PVC insulated stranded copper conductor wire for phose, neutral and earth in surface FRIS PVC conduit flevery duty, hidchess of pipe should be 2 mm) with 3/6 or app pianor type switch, phenoic leminated sheet, suitable size M.S. box act as per specification and is 604 (2010), its 9337 (2000 Part s) 2.1 21 Medium Pain	29			
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6.1.3 1200 mm sweep fan 42.0 each				
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		-	42.0	each

S.No.	PARTICULAR	QTY.	UNIT
38	6.19 Supplying, installation, testing and commissioning of following LED tube light fitting including batten with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling, including connection, earthing etc complete as per specification and IP20, P.F. should be greater than 0.9. LED chip efficacy ratio \geq 100 lumens /watt.		
	6.19.4 36 watt {4 feet}	84.0	Each
39	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 P.F. should be greater than 0.9. LED chip efficacy ratio \geq 120 lumens /watt.		
- 10	6.28.4 30 watt	10.0	Each
40	6.48 Numbering of ceiling fan/ exhaust fan/ fluorescent fittings as per specification. 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, switchgears and other accessories etc complete as per specification.	80.0	Each
	7.19.1 Upto 300 mm deep	2.3	sqm
42	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 shape insulators, necessary bolts and nuts etc complete as per specification.		
	7.20.2 200 amp (30x5mm)	3.0	Metre
43	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 = 100% Icu.		
	9.1.1 3 pole MCCB, 25-63A, Fixed Thermal Release, 10KA	4.0	Each
	9.1.4 3 pole MCCB, 100A, Adjustable Thermal - Magnetic Release, 25KA	1.0	Each
44	9.8 Supplying and fixing on surface/ recess prewired horizontal type following way, 415 volts TP&N, MCB distribution board of sheet steel phosphatized and powder painted complete complete with loose wire box, terminal blocks, tinned copper busbar, neutral link, earth bar, din bar, detachable gland plate, duly prewired with suitable size FRLS PVC insulated copper conductor up to terminal blocks including interconnections, earthing etc. as per specification. (But without MCB/ RCCB/ Isolator)		
	9.8.1 4 way (4 + 12), Single door	2.0	Each
45	9.10 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 per specification.		
	9.10.1 6 amps to 32 amps	24.0	Each
46	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. as per specification.		
	9.16.3 40 amps	2.0	Each
47	9.22 Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.		
	9.22.2 40 amps	2.0	Each
48	10.6 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 per specification. (Connecting lead if required shall be paid separately)		
	10.6.2 100 amps	1.0	Each
49	10.15 Providing and fixing following rating current transformer in existing cubical panel including, connections, testing and commissioning etc. as per specification.		
	10.15.2 100/5 amps	3.0	Each
50	10.17 Providing and fixing penal mounting 230 volt LED type indicating lamp in existing cubical panel including, connections, testing and commissioning etc. as per specification.	18.0	Each
51	10.19 Providing and fixing penal mounting digital type ammeter of size 100x100 (NS) in existing cubical panel including, connections, testing and commissioning etc. as per specification	1.0	Each
52	10.20 Providing and fixing penal mounting 0-500 volt voltmeter of size 100x100 (NS) in existing cubical panel including, connections, testing and commissioning etc. as per specification.		
	10.20.2 Digital type 10.21 Providing and fixing penal mounting selector switch in existing cubical panel including, connections, testing and	1.0	Each

S.No.	PARTICULAR	QTY.	UNIT
	10.21.1 For voltmeter	1.0	Each
	10.21.2 For ammeter	1.0	Each
54	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 per specification.	20.0	Metre
55	12.14 Providing and fixing 25 mm X 5 mm G.l. strip in 40 mm dia G.l. pipe from earth electrode at 0.5 Metre depth below ground level including excavation and refilling the trench etc. as per specification.	20.0	Metre
56	12.19 Providing maintenance free earthing with following size GI pipe including making bore pit of minimum 150mm dia, providing and laying approved make Earthing Electrode of Pipe-in-Pipe technology as per IS 3043(R 2016) - 1987 made of corrosion free G.I. Pipes having outer pipe of 80mm dia and inner pipe of 50mm dia and filling with specified qty highly conductive compound around pipe and above that with soft soil in bore pit complete and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. as per specification: 12.19.1 With 3 metre long GI Pipes and 50 kg back filling compound.	2.0	Each
57	14.1 Supplying and laying ISI marked double wall HDPE pipe (IS 14930 Part II) having corrugation on the outer wall	2.0	Lucii
	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.	50.0	
F0	14.1.1 63 mm outer dia and 50 mm Inner dia	50.0	Metre
58	15.3 Supplying and laying following sizes one number FRLS PVC insulated /XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade in existing RCC/ HUME/ STONEWARE/ METAL/ HDPE pipe as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).		
	15.3.22 4 x 10 sq. mm.	50.0	Metre
59	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 per specification		
	15.23.23 4 X 10 sq. mm (22 mm)	8.0	Each
60	19.15 Supplying and fixing of 32mm dia x 2 metre long G.l 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 per specification.		
	LED Street Light 30W	10.0	Each
61	26.17.1 Supply and erecting of following ISI marked Fire extenguishers on wall/ column including erecting bracket etc complete. ABC Fire Extinguisher 9KG Nitrogen Store Pressure As per IS: 15683:2018 Body Sheet Not Less Then 2mm Thickness, CE Mark NRV Valve With ABC Powder 90% UL 299 FIRE RATING: 6A, 144B. With all accessories.	14.0	Each
62	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		
	(BUILDING SOR ITEM NO1.1.1/9)	36.00	CUM
63	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.		
	(BUILDING SOR ITEM NO1.17/11)	36.00	CUM
64	Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including excavation of trenches, refilling the same and testing of joints complete: 19.9.6) 50 mm dia. nominal bore	150.00	MTR
65	19.6 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This included jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete 19.6.2 20 mm nominal outer dia pipes		
	(BUILDING SOR ITEM NO 19.9/177)	100.00	MTR
65	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (Dia of main line to be measured) (BUILDING SOR ITEM NO $19.10/178$)		
	19.10.4) 50 mm dia. nominal bore	30.00	
66	19.10.1 25 mm nominal bore Providing and fixing G.I. Union in G.I. pipe (New work) including cutting and threading the pipe and making long screws etc. complete: (BUILDING SOR ITEM NO 19.11/178)	30.00	EACH
	19.11.6) 50 mm dia. nominal bore	30.00	EACH
	19.11.2 20 mm nominal bore	30.00	

S.No.	PARTICULAR	QTY.	UNIT
67	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end): (BUILDING SOR ITEM		
	NO 19.16/179)		
	19.16.4 50 mm nominal bore	8.00	EACH
	19.16.1 25 mm nominal bore	8.00	EACH
	19.14.1 Bib cock (400 grams)	14.00	EACH
	19.14.6 Stop cock (concealed) (600 grams)	14.00	EACH
68	Constructing masonry Chamber $60x60x75$ cm, inside with modular well burnt clay bricks of $35~\mathrm{kg/~cm^2}$ in cement	10.00	EACH
	mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm. top diameter, 160 mm bottom		i
	diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4		i
	graded stone aggregate 20mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine		i
	sand: 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement: 3		i
	coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design : For 65mm		i
	to 100mm valve- (BUILDING SOR ITEM NO 19.48/184)		i
			i