



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

मुख्य कार्यालय - साकेत भवन, आई.टी.आई. चौक, कोरबा (छ.ग.)

कोसाबाड़ी जोन

फा.क्र./519/निर्माण (कोसा.)/2019-20/

कोरबा, दिनांक 13.02.2020

निविदा आमंत्रण की सूचना

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्य हेतु प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचलित **PWD Building SOR 01.01.2015 & PWD Electrical SOR 01.08.2015** से प्रभावशील दर अनुसूची 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 मैनुअल निविदा वेबसाइट से डाउनलोड कर त्रि-लिफाफा पद्धति माध्यम से आमंत्रित की जाती है :-

1. निर्धारित प्रारूप में निविदा प्रपत्र प्राप्त होने अंतिम तिथि - 04.03.2020 सायंकाल 3:00 बजे तक
2. निविदा खुलने की अंतिम तिथि - 04.03.2020 सायंकाल 4:30 बजे तक

क्र.	कार्य का नाम	प्राक्कलन राशि में	धरोहर राशि रु में	निविदा प्रपत्र का मूल्य	निविदा प्रपत्र	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	वार्ड क्र. 25 कोरबा प्रेस क्लब के पास सामुदायिक भवन निर्माण कार्य। (प्रभारी मंत्री मद)	10,00,000/-	8,000/-	750/-	Form-A	03 माह	सक्षम श्रेणी	04.03.2020

निविदा की 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. निविदा के दस्तावेज हाथो-हाथ न लिया जाकर रजिस्टर्ड पोस्ट अथवा स्पीड पोस्ट से प्राप्त किया जावेगा। अन्य माध्यमों यथा कोरियर सर्विस, साधारण डाक इत्यादि से प्राप्त अथवा समयावधि के पश्चात् प्राप्त निविदाओं पर विचार नहीं किया जावेगा। निविदा आयुक्त, नगर पालिक निगम, कोरबा आई.टी.आई. कॉलोनी रामपुर, कोसाबाड़ी जिला-कोरबा (छ.ग.) पिन नं.-495677 के पते पर भेजना होगा। निर्धारित तिथि को सायं 3:00 के पश्चात् प्राप्त निविदाएँ स्वीकार नहीं किए जावेंगे।
3. निविदा प्रपत्र नगर पालिक निगम, कोरबा के वेबसाइट www.korbamunicipal.in/uad.cg.gov.in डाउनलोड किया जाकर नवीन निविदा प्रपत्र **Form - A/B/ABC** (जारी दिनोंक तक समस्त संशोधनों के साथ) निर्धारित शुल्क की डीडी के साथ संबंधित कार्य का नाम पूर्ण विवरण सहित भरकर भेजना होगा।
4. निविदा प्रपत्र त्रि-लिफाफा पद्धति से मान्य किया जावेगा जो निम्नानुसार होगा:-
 - (अ) प्रथम लिफाफा में ठेकेदार का जीवित पंजीयन प्रमाण पत्र, आयकर चुकता प्रमाण पत्र, निविदा सूचना आमंत्रण में उल्लेखित अन्य दस्तावेज के साथ निर्धारित प्रपत्र शुल्क का डीडी (निविदा आमंत्रण पत्र जारी दिनांक के पश्चात् का मान्य) एवं अमानत राशि का टी.डी.आर./एफ.डी.आर. नगद निगम कोष में जमा कर जो कि आयुक्त, नगर पालिक निगम कोरबा के नाम पर देय होगा प्रस्तुत करना होगा।
 - (ब) द्वितीय लिफाफा में ठेकेदार द्वारा भरा हुआ निविदा प्रपत्र होगा।
 - (स) तृतीय लिफाफा में उपरोक्त दोनो लिफाफाएँ होगी तथा आवश्यकता पड़ने पर मूल अभिलेख प्रस्तुत करना होगा।
5. 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।
6. निविदा हेतु इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशिप डीड) की सत्य प्रतिलिपि, पूर्व में इस प्रकार की किए गए कार्यों की प्रमाणित सूची, उपलब्ध तकनीकी अमले की जानकरी पिछले वित्तीय वर्ष का आय चुकता प्रमाण पत्र, पेन नम्बर, जी.एस.टी. पंजीयन एवं प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि संगठन, कर्मचारी, राज्य बीमा निगम रायपुर से पंजीयन एवं विस्तृत निविदा

क्रमशः.....02

- आमंत्रण सूचना (एनआईटी) हस्ताक्षरयुक्त एवं निर्धारित प्रारूप में निविदा आमंत्रण सूचना के कंडिका क्र. 04 के लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।
7. कार्य हेतु लिफाफे पर कार्य का नाम निविदा आमंत्रण सूचना क्रमांक, निविदा खुलने की तिथि स्पष्ट रूप से लिखकर भेजना होगा।
 8. निविदाकार का यह दायित्व है कि वे निविदा भरने के पूर्व स्थल का स्वयं निरीक्षण कर लें ताकि प्रारंभ करने में किसी प्रकार की कठिनाई न हो।
 9. निर्धारित निविदा प्रपत्र में उल्लेखित कंडिकाएँ स्वमेव लागू मानी जावेगी एवं निविदा आमंत्रण सूचना निविदा का ही भाग माना जावेगा।
 10. निर्धारित प्रारूप में निविदा प्रपत्र, निविदा प्रपत्र शुल्क, अमानत राशि, निविदा आमंत्रण सूचना पत्र में उल्लेखित दस्तावेज सही पाए जाने पर ही निविदा दर संबंधी लिफाफा खोला जावेगा अन्यथा निविदा निरस्त कर दी जावेगी।
 11. ठेकेदार को अपनी दरें शब्दों एवं अंको में लिखना अनिवार्य होगा।
 12. शासन के विभिन्न विभागों जैसे:- खजिन विभाग, श्रम विभाग, समाज कल्याण विभाग इत्यादि विभागों द्वारा समय-समय पर जारी निर्देशों/आदेशों के पालन की समस्त जिम्मेदारी संबंधित ठेकेदार की होगी।
 13. ठेकेदार यदि कार्य को अपूर्ण स्थिति में छोड़ता है तो निविदा प्रपत्र में उल्लेख अनुसार इस संबंध में प्रावधान के अंतर्गत कार्यवाही की जावेगी।
 14. कार्य प्रारंभ नहीं करने अथवा अपूर्ण स्थिति में छोड़ने पर निगम द्वारा ठेकेदार के विरुद्ध तत् समय में एम.आई.सी. द्वारा स्वीकृत प्रस्ताव के अधीन कार्यवाही की जावेगी जिसकी संपूर्ण जवाबदारी ठेकेदार की होगी।
 15. सफल निविदा दाता से अनुबंध के समय अतिरिक्त परफार्मेंस राशि जमा कराई जावेगी जबकि निविदा की दरों में काफी कमी हो जैसे निविदादाता को निविदा दर एवं अनुमानित लागत से 10 प्रतिशत से अधिक निविदा दर होने पर सफल निविदादाता को निविदा दर एवं अनुमानित लागत के 90 प्रतिशत अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक का एफ.डी.आर./टी.डी.आर. ऑफिस, टाईम डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त नगर पालिक निगम कोरबा के नाम से देय होगा, जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि को जमा न करने की दशा में निविदा निरस्त कर दी जावेगी।
 16. सम्पूर्ण किये गये कार्यों के लिये 5 प्रतिशत सुरक्षा राशि रनिंग देयको के साथ 01 वर्ष 5 प्रतिशत पृथक से 03 वर्ष की गारंटी के लिये परफार्मेंस सिक्क्यूरिटी के रूप में रोकी जावेगी।
 17. 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।
 18. निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में किये जा रहे कार्यों का विवरण राशि सहित मूल प्रति में वैध शपथपत्र कंडिका क्र. 04 के प्रथम लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।
 19. ईट से संबंधित निर्माण कार्यों में प्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
 20. निविदा प्रपत्र अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
 21. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त के द्वारा अधीनस्थ अधिकारियों का निर्णय अंतिम एवं सर्वमान्य होगा।
 22. निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
 23. निविदा खुलने की तिथि में अवकाश होने पर आगामी तिथि (कार्य दिवस) को निविदा संबंधी कार्यवाही मानी जावेगी।

नोट:-

1. अमानत राशि के रूप में एफ.डी.आर./टी.डी.आर. अथवा नगद जमा रसीद पृथक से लिफाफे में स्वीकार किए जावेंगे आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय हो।
2. उपरोक्त तिथियों में किसी भी तिथि को शासकीय/स्थानीय अवकाश होने की स्थिति में अगले कार्य दिवस को निर्धारित तिथि समय एवं स्थान माना जावे।

(ठेकेदार के हस्ताक्षर)

नाम

पूर्ण पता

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मोबाईल नं.-

कार्यपालन अभियंता
नगर पालिक निगम
कोरबा (छ.ग.)

Name of Work - PROPOSED ESTIMATE FOR CONSTRUCTION OF COMMUNITY HALL AT KORBA

S. No.	S.O. ITEM NO.	Item	Nos	L.	B.	H/D	Quantity	Unit	Rates	Amount
1	7.5.1+7.6	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:Cement Mortar 1:3 (1 cement : 3 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:								
		Toilet	2	0.70	0.20	3.65	1.02			
						Total	1.02	cum.	3384	3458
2	7.11.2	Half brick thick Brick Masonary with FLY ASH lime bricks (flag brick) conforming to ISI 12894:2002 of class designation 40 in super Structure above plinth level Cement Mortar 1:4 (1 cement : 4 coarse sand)								
		Partition	2	0.90	-	3.65	6.57			
						Total	6.57	sqm.	382	2510
3	7.20	Extra for providing and placing in position hopping 25x1.60 mm or 2 Nos 6mm dia MS bars reinforcement at every third course of half brick masonry.								
						Total	6.57	sqm.	62.5	411
4	9.18	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, steelbutt 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 zink chrome prime.								
	9.18.3	Single rebate/ mullion 100mmx50mm size, 1.25mm thick D1(toilet door frame)	2	3.6			7.20			
						Total	7.20	meter	391	2815.2
5	8.13	Providing and fixing flush door shutters, conforming to IS : 2202 (Part-D), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or								
	8.13.4	25 mm. thick (single leaf) D1(toilet door)	2	1	2.1		4.2			
						Total	4.2	sqm.	1081	4540.2
6	11.2.4	Providing and making 12mm thick cement plaster of mix: in cement mortar 1:6(1 cement : 6 fine sand)								
		hall inner wall	1	41.60		3.65	151.84			
		green room	2	11.30		3.65	82.49			
		toilet	2	5.10		2.40	24.48			
		Platform	1	21.60		3.65	78.84			
						A	337.65			
		Deduction green room	2	1.00	-	2.10	4.20			

		toilet -	2	0.75		2.10	3.15				
						B	7.35				
						Total	330.30	sqm.	91.5	30222.45	
7	12.48.1	8 mm thick Table rubbed polished Granite stone tile in risers and treads of steps skirting dado and pillars laid on 12mm (Average) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry including rubbing and polishing etc. complete.									
		Granite stone grey/pink									
		Riser	23	1	0.15	-	3.45				
		Tread	23	1	0.30	-	6.90				
		Landing	1	3	0.90	-	2.70				
						Total	13.05	sqm.	1019	13298	
8	12.3	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									
		hall	1	10.05	10.75		108.04				
						Total	108.04	sqm.	254	27442	
	12.3.1	40 mm thick									
		hall	1	5.00	10.75		53.75				
						Total	53.75	sqm.	222	11933	
9	14.10.1	Wall painting with acrylic premium emulsion (plastic) paint of required shade to give an even shade.									
		total 12 mm plaster (Excluding hall area)						185.81			
							185.81	sqm.	44.5	8269	
10	12.13	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.									
		Total paint quantity						185.81	sqm	94.5	17559.045
11	12.13	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% 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.									
	12.13.1	600 X 600MM									
		plat form	1	7.8	3		23.40				
		Green room	2	2.8	2.85		15.96				
						TOTAL	39.36	sqm	1151.00	45303.36	
12	12.10	Providing and laying rectified ceramic glazed floor tiles of size 300x300mm and above conforming to IS : 15622 of approved make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.									
	12.10.1	Size 300x300mm									
		Toilet	2	1.65	-	0.90	2.97				
						Total	2.97	sqm.	858	2548	

13	12.	Providing and laying ceramic glazed wall tiles confirming to IS : 15622 of approved ize make colour shade laid on 12 mm htick cement mortar 1:3 (1 cement : 3 coare sand)including pointing the joints with hile cement mixed with matching pigment etc, complete size							
		Size 200x300mm							
		Toilet	2	5.10	-	2.40	24.48		
		deduct door	-2	0.75		2.10	-3.15		
					Total	21.33	487	10388	
14	9.61	Providing and fixing aluminium composite panels in approved panel sizes, thickness and shape on aluminium frame work on face of building. (Frame to be paid separately)							
	9.61.1	3mm thick Covering for Stair case.	1	4.8	7	33.60	1283	43108.8	
							Total	223806.06	

Abhishek
A/E

Abhishek
S/E

INTERNAL ELECTRICAL WORKS OF COMMUNITY HALL KORBA

A: Internal ESTIMATE						
S.N.	SOR	ITEM DETAILS	UNIT	UNIT RATE	QTY	AMOUNT
1	3.7	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 modular switch, modular base and cover plate, suitable size G.I. box and earthing the point with same size cable as required.				
	3.7.1	Short Point	Point	278.00	16	4448.00
	3.7.2	Medium Point	Point	431.00	15	6465.00
	3.7.3	Long Point	Point	595.00	13	7735.00
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 GI box etc. As required .	Point	240.00	8	1920.00
3	3.10	Wiring for light plug point with 2x2.5 sq mm FR PVC insulated stranded copper conductor cable in concealed PVC conduit along with modular type 6 Amp switch and 3 pin 6 amps socket outlet with modular base and cover plate, suitable size G.I. box, earthing the switch box and socket outlet with same size cable				
	3.10.4	Extra Long Point I	Point	1385.00	7	9695.00
4	3.11	Wiring for power plug point with 2x4 sq mm FR PVC insulated stranded copper conductor cable in concealed PVC conduit along with modular type 16 Amp switch and 6 pin 16 amps socket outlet with modular base and cover plate, suitable size G.I. box, earthing the switch box and socket outlet with same size cable etc. as required.				
	3.11.5	Extra Long Point II	Point	2383.00	4	9532.00
	3.11.6	Extra Long Point III	Point	2915.00	3	8745.00
5	3.12	Wiring for power plug point with 2x6 sq mm FR PVC insulated stranded copper conductor cable in concealed PVC conduit along with modular type 32 Amp SPMCB "C" series and 6 pin 20 amps socket outlet with modular base and cover plate, suitable size G.I. box, earthing the switch box and socket outlet with same size cable etc. as required.				
	3.12.6	Extra Long Point III	Point	3837.00	3	11511.00
6	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.				
	3.13.1	3 X 1.5 sq. mm in 20mm conduit	Meter	83.50	35	2922.50
	3.13.2	3 X 2.5 sq. mm in 20mm conduit	Meter	104.00	30	3120.00
	3.13.3	6 X 2.5 sq. mm in 25mm conduit	Meter	172.00	23	3956.00
	3.13.6	3 X 4 sq. mm in 25mm conduit	Meter	141.00	25	3525.00
7	3.15	Supplying and fixing of following sizes PVC conduit along with accessories in concealed complete as required.				
	3.15.1	20 mm	Meter	40.00	22	880.00
	3.15.2	25 mm	Meter	46.50	20	930.00
	3.15.3	32 mm	Meter	66.00	22	1452.00

8		Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ concealed, steel/ PVC conduit/ PVC casing capping as required.				
	5.11.20	3 x 4 sq. mm	Metre	91.50	25	2287.50
9	7.2	Providing and fixing composite board for computer points having piano type 1 No 6 pin 16 amp socket outlet, 1 No 16 amp switch and 3 Nos 3 pin 6 amp socket outlets, 3 Nos 6 amp switches, suitable M.S box, 3mm thick phenolic laminated sheet cover including painting etc. as required.				
			Each	553.00	2	1106.00
10	7.4	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate and switch box including connection but excluding modular plate etc. as required.				
	7.4.12	Telephone socket outlet	Each	71.50	1	71.50
	7.4.13	T.V. antenna socket outlet	Each	74.50	1	74.50
	7.4.14	Computer Outlet Jack	Each	224.00	5	1120.00
11	7.4.8	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Fan regulator (two module size) electronic stepped type moving all rounds	Each	203.00	8	1624.00
12	7.4.17	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ Wooden block including connection etc as	Each	36.00	10	360.00
13	7.4.19	Supplying and fixing polycarbonate batten holder/angle holder including connection etc. as required	Each	41.00	12	492.00
14	7.4.20	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required	Each	24.00	10	240.00
15	7.6	Providing and fixing composite unit for computer point having modular type 1 no. 6 pin 16 amp socket outlets, 1 no 16 amp switch, 3 nos 3 pin 6 amp socket outlets, 3 nos 6 amp switches 3 nos 6 amp switches suitable suitable GI box and cover plates, earthing the sockets and switch box including etc. as required	Each	879.00	10	8790.00
16	7.7	Supplying and fixing call bell/uzzer suitable for single phase 230 volt A.C. Supply, complete as required				0.00
	7.7.2	Delux	Each	180.00	1	180.00
17	7.8.3	Providing and fixing plain 1 sq mm mm twin twisted, flexible, FR PVC insulated, copper cable, in ploythene sleeve, or conduit of suitable size on the floor/wall, or side of the table/door etc. as required	Meter	34.00	30	1020.00
18	7.9	Providing and fixing round/hexagonal fan box (125 mm dia) depth 75 mm (max.) with 12 mm dia steel bar hook, 1.6 mm thick MS sheet cover, in RCC slab etc. as required	Each	42.50	7	297.50

19		Supplying, installation, testing and commissioning of following sizes ceiling fan with resistance type regulator, 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				0.00
	8.1.2	1200 mm sweep	Each	1503.00	3	4509.00
	8.1.3	1400 mm sweep	Each	1637.00	2	3274.00
20	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.				0.00
	8.6.1	300 mm sweep	Each	2558.00	2	5116.00
21	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.				
	8.11.1	Single box type with decorative end caps	Each	635.00	6	3810.00
22	8.12	Supplying, fixing, testing and commissioning of following 230/250 volts fluorescent lamp (tube) in existing lighting luminaries as required.				
	8.12.2	4' x 28 watt (T-5)	Each	143.00	6.00	858.00
23	8.20	Supplying, installation, testing and commissioning of following LED fitting (luminaries) down lighters in round/ square shape complete with electronic driver heat sink capacitor and all other accessories on surface/ in false ceiling etc. as required and furnishing 2 Yrs Guarantee certificate from manufacturer.				
	8.20.3	12 Watt	Each	2436.00	5	12180.00
	8.20.4	15/16 watt	Each	2615.00	5	13075.00
24	8.21	Supplying, installation, testing and commissioning of following sleek LED panel down lighters (luminaries) in round/ square shape complete with electronic driver heat sink capacitor and all other accessories on surface/ in false ceiling etc. as required and furnishing 2 Yrs Guarantee certificate from manufacturer.				
	8.21.2	36 watt, size 600 x 600	Each	8199.00	18	147582.00
27	9.17	Providing and making interconnection in cubical panel between BBC and switchgears with following size PVC insulated copper conductor cable lead of length upto 50cm including providing copper thimbles on both ends as required (To be measured separately for each phase/ neutral).				
	9.17.2	16 sqmm (63 amp)	Each	97.50	4	390.00
	9.17.3	35 sqmm (125 amps)	Each	172.00	5	860.00
28	9.18	Providing and making interconnection in cubical panel between BBC and Switchgare with following size copper strip of length up to 50 cm as required (to be measured separately for each phase /neutral).				
	9.18.2	25x5mm (200 amps)	Each	285.00	5.00	1425.00
	9.18.3	40x5mm (300 amps)	Each	441.00	7.00	3087.00

29	9.19	fabrication, supply, installation, testing and commissioning of cubical type compartment sized wall/floor mounted power cum control panel board of specified size and up to 300 mm deep made out of not less than 2 mm thick CRCA MS sheet with suitable size compartments for bus bar, switchgears and necessary cutouts for voltmeters, ammeter etc as per specification including powder coating painting but without busbar, switchgear and other accessories etc complete as required (each compartment to be measured)				
	9.19.1	Upto 300 mm deep	sqm	6492.00	1.5	9738.00
30	9.21	Supply, installation, testing and commissioning of 4 pole (3 phase + neutral) copper (electric grade) 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 required.				
	9.21.2	200 amp (25x5mm)	Metre	2270.00	8	18160.00
	9.21.3	300 amp (40x5mm)	Metre	2533.00	8	20264.00
31	11.10	Providing and fixing following rating and breaking capacity MCCB in existing cubical panel board including drilling holes in cubical panel, making connection, etc. as required				
	11.1.3	3 pole MCCB 25-100 A, 18 KA	Each	2514.00	3	7542.00
	11.1.6	3 pole MCCB, 160A, Adjustable Thermal - Magnetic Release, 25KA	Each	8025.00	1	8025.00
32	11.5	Supplying and fixing on surface/ recess vertical type following way, 415 volts, TPN MCB distribution board of sheet steel phosphatized and powder painted, with 200 amps tinned copper busbar, common neutral link, earth bar, din bar, detachable gland/ knock out plate, including interconnections, earthing etc. as required. (But without MCB/RCCB/Isolator) (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
	11.5.2	8 way (4 + 24), Single door	Each	4706.00	1	4706.00
32	11.10	Supplying and fixing SP MCB, 240 volts, 'B' series, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	11.10.1	6 amps to 32 amps	Each	154.00	10	1540.00
33	11.14	Supplying and fixing TP MCB, 440 volts, 'C' series, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	11.14.2	6 amps to 32 amps	Each	696.00	10	6960.00
35	11.23	Supplying and fixing 2 pole and earth 240 volts, industrial type, socket outlet, enclosed metal plug top along with SP MCB in sheet steel enclosure, on surface or in recess, with chained metal cover for socket outlet and complete with connection testing and commissioning etc. as required				
	11.23.2	32 amps with "C" series MCB	Each	1016.00	2	2032.00
36	12.17	Providing and fixing panel mounting 230 volt LED type indicating lamp in existing cubical panel including connections, testing and commissioning etc. as required	Each	89.00	2	178.00

37	12.19.4	Providing and fixing penal mounting following rating digital type ammeter of size 100X100 (NS) in existing cubical panel including, connections testing and commissioning etc. as required.				0.00
	12.19.4	0-500 amps	Each	902.00	1	902.00
38	12.20	Providing and fixing penal 0-500 volt voltmeter of size 100X100 (NS) in existing cubical panel including, connections testing and commissioning etc. as required.				
	12.20.2	Digital type	Each	902.00	1	902.00
39	12.21.1	Providing and fixing penal mounting selector switch in existing cubical panel including, connections, testing and commissioning etc. as required.	1	162.00	1	162.00
42	14.4	Earthing with Copper earth plate earth plate 600 mm X 600 mm X 3mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe with charcoal and salt as required	Set	6754.00	1.00	6754.00
43	14.6	Supplying and laying 25 mm X 5 mm copper strip at 0.50 Meter below ground as strip earth electrode, including soldering, excavation and refilling the trench etc. as required.	Meter	525.00	8	4200.00
44	15.1	Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, copper tube, having single prong at top, with 85 mm dia 3 mm thick copper base plate having 4 nos holes for fixing etc. complete as required	Each	858.00	1	858.00
45	15.2	Making jointing of copper tape (with another copper tape, base of the finial or any ject) bother metallic object) by reverting, sweating and soldering/ nut bolting of as required	Each	54.00	4	216.00
46	15.3	Providing and fixing copper tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required (for horizontal run)	meter	257.00	8	2056.00
47	15.4	Providing and fixing copper tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required (for vertical run)	meter	275.00	15	4125.00
48	15.5	Providing and fixing testing joint, made of 20 mm X 3 mm thick copper strip, 125 mm long with 4 nos of tinned brass bolts, nuts chuk nuts and spring washers etc. complete as required	Each	111.00	2	222.00
49	16.3	Supplying and laying following sizes medium class G.I. pipe in ground below road. Path etc at a depth not less than 40 cm including excavation, dismantling of road if required and refilling the trench etc. as required				
	16.3.1	50 mm internal dia	Metre	367.00	5	1835.00
	16.3.3	100 mm internal dia	Meter	952.00	8	7616.00
50	17.1	Supplying and laying following sizes one number PVC insulated, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
	17.1.24	4 x 25 sq. mm.	Metre	326.00	15	4890.00
51	17.8.0	Supplying and laying following sizes one number PVC insulated, PVC sheathed, steel unarmoured, aluminium conductor power cable of 1.1 KV grade on/ existing cable tray				
	17.8.14	4 x 16 sq. mm.	Metre	130.00	12	1560.00

52	23	Supplying and making end termination with brass compression gland and aluminum lug following size armored aluminum conductor power cable of 1.1 kv grade as required				0.00
	17.23.24	4 X 16 sq. mm (22 mm)	Each	110.00	12	1320.00
	17.23.25	4 X 25 sq. mm (25 mm)	Each	140.00	2	280.00
53	22.30	Supplying and erection of G.I wire of size 8 SWG to 4 SWG including binding etc. as required.	kg	109.00	3	327.00
55	26.2.1	3 HP, 420 LPM, 20 m head, suction size 65 mm, delivery size 50 mm	Each	12217.00	1	12217.00
57	26.6.2	Supplying and fixing HDPE pipe PE-80 grade (8kg/ sqcm) in single length in the suction/delivery line of water supply pump set as required. 50 mm dia outer	meter	132.00	30	3960.00
58	26.7.4	Supplying and fixing of following sizes GM gate valve ISI mark in the suction/ delivery line etc.as required. 50 mm. dia.	meter	1048.00	2	2096.00
59	26.9	Supply, installation, testing and commissioning of cubical type wall/floor mounted power cum control panel made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounted switchgears there in including connection interconnection etc. as required. A) phase indicating lamp with fuses and toggle switches 1 set b) star delta starter suitable for 7.5 HP 3 phase AC induction motor with over and no volt relay c) 32 A "C" series TPMCB 1No. d) Voltmeter 0-500 with selector switch 1 set e) Ammeter 0-10A with CT's and selector switch 1 set	Set	8450.00	1	8450.00
60	26.11	Supply, installation, testing and commissioning of 1-3 HP 1 phase submersible motor starter cum control wall/ floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection inter-connection etc. as required.	Each	4125.00	1	4125.00
		a) Phase indicating lamps with fuses and toggle switches 1 set				
		b) 1/2/3 HP 1 phase DOL starter with over load and no volt relay 1 No				
		c) 25 A "C" curve DPMCB 1 No				
		d) Voltmeter 0-250 V 1 set				
		e) Ammeter 0-10 A 1 set				
61	26.12	Supplying and fixing M.S. clamp 50 cm long made of 50mmx50mm thick M.S. Flat for holding the pipes and submerable pump set as required.	each	314.00	2	628.00
62	26.13	Supplying and fixing 300 mm dia 2 mm thick M.S. sheet cover with 3 cm edge in two past on tube well bore pipe as required.	each	314.00	2	628.00
63	26.15.4	Supplying and marking water proof joint with heat shrinkable joint kit including capper ferrules for following size of core submersible copper conductor cable of 1.1 KV grade as required 3.x6.0 Sqmm.	each	467.00	2	934.00
64	26.16	Supplying and laying of approved make stainless steel wire rope of 6 mm dia for support of subersible pump set complete with tying ot pump holding clamp.	meter	16.50	6	99.00

65	34.2	Earth work in all type soil except soft rock / hard rock with all lead and 1.5 metre lift, dressing, stacking excavated strata including refilling of excavated soil in trench / pit to ground level complete as required.	cum	163.00	13	2119.00
66	34.4	Supplying ISI marked following pair 0.5 mm FR PVC insulated PVC sheathed copper conductor, telephone cable in company pack coils.				
	34.4.2	2 Pair	Metre	7.30	6	43.80
	34.4.3	4 Pair	Metre	14.00	10	140.00
67	34.5	Supplying following grade co-axial TV cable PVC insulated, shielded with fine tinned copper braid and protected with PVC sheath cable in company pack coils.				
	34.5.2	RG-11 grade	Metre	36.00	10	360.00
68	34.6	Supplying following UTP 4 pair Cat 6 LAN cable cable in company pack coils.	Metre	19.00	40	760.00
	27.3	Supplying of approved make split type Air Conditioner unit with cooling unit and condensing unit with standard length of upto 3 metre of copper piping with insulation etc complete as required:				
	27.3.3	2.0 ton split type capacity 6000 kcal / hr (3 star).	Each	39873.00	7	279111.00
	27.7	Supply and fixing of approved make wall mounting type voltage stabilizer with input volts 160-250, output volts 200-240 volts and double step relay on desired location with necessary fixing material including connection etc complete as required.				
	27.7.1	4 KVA	Each	3972.00	7	27804.00
					TOTAL	751510.30

Ally
S/E

Nayyar
4/E

SANITATION FIXTURE

S. No.	S.C. No.	Item	Nos	L.	B.	D	Quantity	Unit	Rates	AMOUNT
1	18.1.1	Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required : White Oval pattern W.C. pan of size 580								
			2				2.00			
							2.00	each	2459.00	4918.00
2	18.17.5	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required :White Oval or round size 560x410mm.								
		Common Toilet	1	-	-	-	1.00			
							1.00	each	1605.00	1605.00
3	18.19.1	Providing and fixing vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.White								
		Wash	1	-	-	-	1.00			
							1.00	each	1130.00	1130.00
4	18.30.1	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :5mm thick mirror size-.75 x. 9m								
		no. Of wash basin	1	-	-	-				
		Total Size	1	0.75	-	0.90	0.68			
							0.68	sqm	2016.00	1360.80
5	18.31	Providing and fixing 600x120x5mm glass shelf with edges rounded off supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc.,								
		no. Of wash basin	1				1.00			
							1.00	each	272.00	272.00
6	18.76.2	Providing and fixing on wall face UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.110 mm dia pipe.								
		Common Toilet	20				20.00			

								20.00	meter	267.00	5340.00
7	18.77	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.									
	18.77.1.1	Coupler - 110mm						2.00	each	154.00	308.00
	18.77.1.1	Single Tee With Door- 110 x 110 x 110 mm						2.00	each	113.00	226.00
	18.77.1.2	Bend 45°-110mm bend						2.00	each	154.00	308.00
	18.77.1.2	Plain bend - 110 mm bend						3.00	each	154.00	462.00
	18.77.3.2	Vent cover-110 mm						1.00	each	44.00	44.00
8	18.78.2	Providing and fixing UV stabilized Unplasticised -PVC pipe clips of approved design to Rigid PVC pipes by means of 50x50x50mm 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.									
a		110 mm dia.	1	-	-			5.00	each	61.00	305.00
										TOTAL	16278.80

WATER SUPPLY

1	19.4	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes on wall surface, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.									
	19.4.2	20 mm nominal outer dia .Pipes.	10	1	-	-		10.00	meter	151.00	1510.00
	19.4.3	25 mm nominal outer dia .Pipes.	10	1	-	-		10.00	meter	199.00	1990.00
2	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 i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. CONCEALED WORK including cutting chases and making good the walls etc.									
	19.6.1	20 mm nominal outer dia .Pipes	10.00	1.00	-	-		10.00	meter	133.00	1330.00

3		Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:							
	19.14.3	Long body bib cock (500gms)	2.00			2.00	each	426.00	852.00
	19.14.5	Stop cock (concealed) (600gms)	2	-	-	2.00	each	494.00	988.00
4	19.15	Providing and fixing stainless steel drain jali of approved make/quality.							
		ground floor Toilet block	2.00	-	-	2.00			
						2.00	each	51.00	102.00
5	19.42	Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.							
		1000 liter	1.00	-	-	1000.00	liter	7.30	7300.00
6	19.43	Cutting holes upto 30x30 cm in walls including making good the same :							
			5.00	-	-	5.00	each	125.00	625.00
7	19.44	Cutting holes upto 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak							
		complete	2.00	-	-	2.00	each	94.00	188.00
								TOTAL	14885.00
									31163.80

 S/E
  M/E