कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 618 / निर्माण / 2023

सिस्टम टेंडर नं. 151134

कोरबा दिनांक 08.01.2024

ई-निविदा आमंत्रण सूचना

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, विद्युत हेतु 01.06.2020 एवं पीएचई एसओआर 01.06.2020 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई-प्रोक्युरमेंट (E-Tendering) के माघ्यम से निविदा प्रपत्र फार्म A में निविदा आमंत्रित की जाती है :-

क.	कार्य का नाम	प्राक्कलन	धरोहर राशि	कार्यावधि	निविदा	ठेकेदार का	निविदा खुलने की
		राशि (लाख में)	(FDR/TDR)		प्रतिभागी शुल्क (DD)	वर्ग	खुलन का तिथि
1	बरबसपुर डम्प साईट में ईको पार्क का निर्माण कार्य।	25.00	19000/-	4 माह	750.00	वर्ग डी एवं प्रवर श्रेणी	31.01.2024

शर्तः–

2.

5.

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 1. आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी

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।

इच्छुंक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पाटर्नरशीप 3. डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर चुकता प्रमाण पत्र पेन नम्बर, जी. एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि के FDR/TDR की प्रति ऑनलाईन अपलोड करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमाण्ड ड्राफ्ट एवं धरोहर राशि FDR/TDR, शपथपत्र का स्केन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होंगा ।

• अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शुल्क का DD एवं शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से निविदा खुलने की तिथि में दोपहर 3.00 बजे तक आयुक्त,नगर पालिक निगम,कोरबा साकेत भवन, आई.टी.आई.चौक रामपुर कोसाबाड़ी पिन— 495677 कोरबा को उपलब्ध कराना अनिवार्य होगा।

• निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में वैध शपथपत्र (राशि रू. 100/— नॉनज्यूडिशियल स्टाम्प) निविदा आमंत्रण दिनांक के पश्चात का, निविदा कमांक एवं कार्य का नाम अंकित करना अनिवार्य होगा।

• अमानत राशि का FDR/TDR एवं निविदा प्रतिभागी शुल्क का DD जो कि आयुक्त, नगर पालिक निगम,कोरबा के

नाम पर देय हो प्रस्तुत करना अनिवार्य होगा।

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 4. छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिक्यूरिटी की गारटी के रूप में से 03 वर्ष के लिए रोकी जावेगी। उद्यान में सिविल निर्माण कार्यों के साथ साथ पौधों की सुरक्षा एवं रख रखाव का कार्य भी 3 वर्षों तक ठेकेदार को करना आवश्यक होगा।

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 भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सिन्नर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) 6. 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।

ईंट से संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा। 7.

प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।

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 बैंक 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।

निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नही किया जावेगा। 10.

निविदा प्रपत्र फार्म –ए की कंडिका 11 अनुसार एस्कलेशन देय नहीं होगा। निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा। 11.

निविदा रवीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा। 12.

उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते है। 13. 14

> कार्यपालन अभिपता नगर पार्लिक निगम कोरबा (छत्तीसगढ़)

प्रतिलिपि-

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

Date-Time Detail(s)

Seq.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
NO.			Date	Time	Date	Time	
1	Release Tender		08.01.2024	17.30	08.01.2024	17.30	Release Tender
2		Bid Submission	08.01.2024	17.30	30.01.2024	17.30	
3		Physical Document Submmission	08.01.2024	17.30	31.01.2024	15.00	
1	Tender Open		31.01.2024	16.00			

EXECUTIVE ENGINEER

KORBA (CG)

For, Commissioner Korba (C.G.)

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

Name of Work CONSTRUCTION OF ECO PARK AT BARBASPUR DUMPSITE (NCAP)
As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

S.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for				
		any other purpose including disposal of excavated stuff upto 1.5 m lift and				
		lead upto 50m (at least 5m away from the excavated area), including				
		dressing and leveling of pits.				
	1.1	In all types of soils.	cum	167.67	185.00	31,018.95
2	3.1	Providing and laying nominal mix plain cement concrete with crushed				
		stone aggregate using concrete mixer in all works upto plinth level				
		excluding cost of form work.				
	1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm	cum	11.93	2970.00	35,432.10
		nominal size).				
3	12.65	Providing & laying 60mm thick precast interlocking concrete blocks of				
		approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick				
		average complete coarse sand bed with joints of 3mm thick filled by fine				
		sand including leveling with surface vibrator, temping and sweeping etc.				
		complete of minimum compressive strength of 250 kg/sq.cm				
4	3.1	Providing and laying nominal mix plain cement concrete with crushed				
		stone aggregate using concrete mixer in all works upto plinth level				
		excluding cost of form work.				
	1.5	1:11/2:3 (1 cement: 11/2 coarse sand: 3 graded stone aggregate 20mm	cum	1.62	4073.00	6,598.26
		nominal size).				
5	9.43	Providing and fixing in position chain linked steel wire fabric made of 4				
		mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle				
		iron posts including securing and screwing with 2mm dia G.I. wire, G.I.				
		staples, G.I.U-nails or steel pins etc., complete.				
	43.1	Aperture 50x50mm	sqm	408.00	331.00	135,048.00
6	9.3	Steel work in tubular (round, square or rectangular hollow tubes etc.)				
		structure in built-up sections, trusses and frame 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.				
	3.1	Electric resistance or induction butt welded tubes Grade-250	kg	540.00	88.50	47,790.00
7	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to				
		IS:12894-2002 of class designation 4.0 in foundation and plinth in:				
	5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)	cum	41.69	3263.00	136,034.47
8	11.2	Providing and making 12mm thick cement plaster of mix:				
	2.3	In Cement Mortar 1:5 (1 cement : 5 fine sand)	sqm	414.48	96.50	39,997.32
9	14.13	Providing and applying 2mm thick ready mix exterior grade approved	sqm	414.48	94.50	39,168.36
		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.				
10	14.16	Painting exterior surface with PREMIUM ACRYLIC SMOOTH exterior				

S.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
15'	· e	paint of required shade as per manufacturer's specifications to give				
		protective and decorative finish including cleaning washing of surface etc.				
		complete with:				22.272.72
	16.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and	sqm	414.48	74.50	30,878.76
	20.4	including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)		500.00	000.00	140 656 00
11	22.4	Supplying and stacking at site well decayed cow dung manure from	cum	596.00	236.00	140,656.00
		approved source, including loading, unloading and carriage upto 5 km				.,
		(manure measured in stacks will be reduced by 8% for payment)		500.00	47.50	10,430.00
12	22.8	Spreading of sludge, dump manure or/and good earth in required	cum	596.00	17.50	10,430.00
		thickness (Cost of sludge, dump manure or/ and good earth to be paid				
		separately).		F06	201.00	119,796.00
13	22.2	Supplying and stacking of good earth at site including royalty, loading,	cum	596	201.00	119,790.00
		unloading and carriage upto 5 km (earth measured in stacks will be				
		reduced by 20% for payment).		500.00	5.50	3,278.00
14	22.20	Filling mixture of earth and sludge or manure in the desired proportion in	cum	596.00	5.50	3,210.00
		trenches, flooding with water and leveling (cost of supplying earth and				
		sludge or manure and mixing excluded).	Fash	900.00	750.00	675,000.00
15	11.4	(PWD ROAD-01.01.2015-4)Planting of Trees and their Maintenance for	Each	900.00	750.00	073,000.00
		one Year (Planting of trees by (Avenue trees) in 0.60 m dia. holes, 1 m.				
		deep dug in the ground, mixing the soil with decayed farm yard/sludge				
		manure, planting the saplings, backfilling the trench, watering and				
		maintaining the plants for one year)		129.24	371.00	47,948.04
16	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum	cum	129.24	371.00	47,340.04
		under floor in layers not exceeding 20cm in depth consolidating each				
		deposited layer by ramming and watering, including dressing etc.				
		complete.	metre	861.60	28.50	24,555.60
17	22.19	Edging with modular well burnt clay bricks of crushing strength not less than	mede	001.00	20.00	24,000.00
		25kg/ sqcm laid dry length wise including excavation, refilling,				
		consolidating with hand packing and spreading neatly surplus earth within a	P			
		lead of 50 m:				
18	3.2	Providing and laying nominal mix reinforced cement concrete with crushed				
		stone aggregate using concrete mixer in all works upto plinth level				
		excluding cost of form work.	cum	7.95	4163.00	33,095.85
	2.1	1:11/2:3 (1 cement: 11/2 coarse sand: 3 graded stone aggregate 20mm	Cum	7.50	4100.00	00,000.00
		nominal size).				
19	3.12	Providing and placing in position reinforcement for R.C.C. work including				
		straightening, cutting, bending, binding etc. complete as per drawings				
		including cost of binding wire in foundation and plinth all complete:	kg	795.00	54.50	43,327.50
	12.1	Thermo-Mechanically treated bars FE 415	1.9	700.00	01.00	10,021.00
20	2.1	Providing and fixing form work including centring, shuttering, strutting,				
		staging, propping bracing etc. complete and including its removal at all				
		levels, for:	cam	9.72	139.00	1,351.08
	1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any	sqm	5.14	133.00	1,001.00
		shape and size and all type of wall below plinth level.		24.60	297.00	6,415.20
	1.5	Columns, Pillars, Piers and likes- rectangular or square in shape	sqm	21.60		1,018.08
	1.8	Beams, lintels, cantilevers & walls	sqm	5.04	202.00	1,010.00
21	19.6	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having				
		thermal stability for hot & cold water supply including all CPVC plain &				

SN	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
13	F	Frass threaded fittings. This included jointing of pipes & fittings with one step			O Proceedings of the Process of the	nation programming in the resident action measures arrive
		CPVC solvent cement, trenching, refilling & testing of joints complete as per				
		direction of Engineer in Charge, EXTERNAL WORK				
	6.4	32 mm nominal outer dia pipes	metre	558.51	228.00	127,340.28
22	19.16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of				
		approved quality (screwed end):				
	16.1	25 mm nominal bore	each	20.00	436.00	8,720.00
	Aller and the second	And the second s				4744007 05

As per Estimate Amount Rs. 1744897.85

Sub Engineer Nagar Palik Nigam Korba (C.G.) Assistant Engineer Nagar Palik Nigam Korba (C.G.)

	"В	OREW	ELL WIT	H PUM	P"				
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT
1	Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot for drilling of tube well within the selected habitation, including photography, interpreatation of							(iii iis)	(in Rs.)
	resistivity data and submission of report in the desired format along with resistivity readings, necessary graph and photographs. (only successful points payable)								
2	(BUILDING SOR ITEM NO. 21.17/201)	1				1	PT.	1502.00	1502.00
	Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer—in-charge upto 90 metre depth below ground level.								
	(a) All Types of soil								
	200 mm dia								
	(BUILDING SOR ITEM NO. 21.1.1.4/198)	1	30.00			30.00	RMT	371.00	11130.00
	(b) Rocky strata including Boulders								
	200 mm dia								
	(BUILDING SOR ITEM NO. 21.1.2.4/198)								
		1	50.00			50.00	RMT	457.00	22850.00

	The state of the s								
4	Supplying, assembling, lowering and fixing	T	T						
1,000	in vertical position in bore well, ERW		1		- 1		1		1
	(Electric Resistance Welded) FE 410	1		1	1				
	mild steel screwed and socketed/ plain			1	1			1	1
	ended casing pipes of required dia,						1	1	
	conforming to IS: 4270, of reputed &					1	1		
									1
	approved make, including required hire			1			1		1
	& labour charges, fittings &							1	
	accessories, all complete, for all								
	depths, as per direction of Engineer-in-								
	charge.								
	21.7.4 200 mm nominal dia								
	(BUILDING SOR ITEM NO. 21.7/199)		20.00			30.00	RMT	1477.00	31017.00
		1	30.00			30.00			
4	Providing and fixing suitable size threaded								
	mild steel cap or spot welded plate to								
	the top of bore well housing/casing								
	pipe, removable as per requirement, all								
	complete for bore well of:								
	21.11.4 200mm dia								
	(BUILDING SOR ITEM NO. 21.11/200)						FACIL	240.00	240.00
		1				1	EACH	240.00	240.00
5	Providing and fixing M.S. clamp of								
	required dia to the top of casing/		1						
	housing pipe of tube well as per IS:								
	2800 (part I), including necessary bolts &								
	nuts of required size complete.								
	21.12.4 200mm clamp								
	(BUILDING SOR ITEM NO. 21.12/200)								4400.00
		1				1	EACH	1199.00	1199.00
6	Supplying & Installation of Energy efficiant			1					
١	five star BEE rating ISI Marked required							1	
	capacity of Three Phase, 50 Hz, 415V,			1				1	
	deep well submersible pump Steel body,				1			1	
	suitable for 6"tube well with Control				1				
	Danal Starter suitable for Submersible				-	-		-	
	(I) 3 HP with 6 stages, head MT. 55-7					1	1		
	discharge 60-			1					
	510					-	-		
	3 Hp Pump							00470.00	26472.60
	(PHE SOR ITEM NO	1	1			1	L EACH	36173.00	36173.00
	34.20.106/353/2020)				ļ			 	
7	Providing and fixing Bail plug/								
'	Bottom plug of required dia to the				1		1		
	bottom of pipe assembly of tube well as								1
		1							
	per IS:2800 (part I).	T							
	21.13.4 200mm dia								

	AUI DINI COD								
1	BUILDING SOR ITEM NO. 21.13/201)								
Sept.		1				1	EACH	200.00	200.00
		1				1	each	4030.00	4030.00
	Supply, installation, testing and				1				
	commissioning of 1-3 HP 1 phase					1			
	submersible motor starter cum control								
	wall/ floor mounted type made out of not								
	less than 1.6 mm thick MS sheet and				- 1				
	comprising of following panel mounting				1				
	switchgears there in including connection								
	inter-connection etc. as per specification.								ļ
	a) Phase indicating lamps with fuses and	J							
	toggle switches 1 set								
	b) 1/2/3 HP 1 phase DOL starter with over								1
	load and no volt relay 1 No								1
	c) 25 A "C" curve DPMCB 1 No								
	l '								
	d) Voltmeter 0-250 V 1 set								
8	e) Ammeter 0-10 A 1 set								
	Supplying and making water proof joint								
	with heat shrinkable joint kit including								
	copper ferrules for following size of 3 core		1						
	submersible copper conductor cable of							1	
9	1.1 KV grade as per specification.							l	
	3x4.0 sqmm	1	80			80	m	264.00	21120.00
	Fabrication, supply, installation, testing								
	and commissioning of cubicle type								
	compartmentalized wall/ floor mounted						i		
	power cum control panel board of								1
	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		1			1			
	and necessary cutouts for voltmeters,								
								1	
	ammeters etc as per specifications				1				
	including powder coating painting but			1	1				
	without busbars, switchgears and other	1							1
	accessories etc complete as per			1		1			
10	specification.		 -	10.1-		0.075		-	
	Above 300 mm and upto 450 mm deep	1	0.6	0.45		0.270		7505.00	2024 75
				-		0.270	sqm	7525.00	2031.75
	Providing and fixing following rating and				1	1			ř
	breaking capacity MCCB in existing cubicle		1		1				1
	panel board including drilling holes in		1		1		-		
1	cubicle panel, making connections, etc. as								
	per specification, IS/ IEC: 60947-2 and Ics		1		1	1			
111				1					
11	= 100 % lcu.			+					

pole MC B, 25-63A, Fixed Thermal Release, 10KA		10	each	1483.00	14830.00
		(For One	Nos)	rotal Rs=.	146322.75
	With the Control of t			architect	146000.00

Sub Engineer Municipal Corporation Korba (C.G.)

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

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

Abstract

Sub :- Street Light Arrangement Work for ECO Park at Barbaspur **Dumpsite (NCAP)**

PWD (Elec. 01.06.2020)

S. No	Ref.	Item of Work	Unit	Rate	Qty	Amount
1	19.3	Supply of swaged steel tubular pole as per IS 2713 with base plate of size 300x300x6mm welded at bottom, necessary hole for cable entry and earthing stud welded at specified height including painting with one coat of red oxide zinc chromate primer.				, and diff
		Designation 410 SP-32 height 9.00 metre	Each	11825.00	10	118250.00
2	19.10	Erection of STEEL TUBULAR or "H" BEAM/ ISMB pole in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation and cement concrete collar of size 0.4 metre dia and 0.50 metre height from ground level including excavation and refilling etc. as per specification of length:				
		7 metre to 10 metre	Each	2610.00	10	26100.00
3		Supplying and fixing PVC water tight terminal box of approved make and brand with detachable gland plate in bottom, hinged front openable cover, rubber gasket, having 1 Nos 4way connector and 1 No SPMCB inside the box for cable connection, fixed to pole with 2 Nos clamp made from 25x3mm GI flat with 2 No GI nuts bolts complete as per specification.				
		300x200x125 mm for 3 phase	Each	989.00	10	9890.00
4		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 16 sq. mm.	Metre	300.00	300	90000.00
5		Supplying and fixing G.I. pipe along with wall or pole/ support with 2 Nos MS clamps for protection of under ground cable in approved manner including bolts and nuts or metal dash fasteners complete as per specification				
		50 mm dia	Metre	403.00	10	4030.00
6	i	Supplying, fixing and cramping suitable size and all type aluminium ferule/ lugs to following size 1.1 KV grade power cable core / lead, pressed with high pressure cramping tool noluding connection to switch gear/ MCCB etc as Specification				
	15.28.4	25 sq. mm	Each	22.00	80	1760.00

	1	Item of Work	Unit	Rate	Qty	Amount
	19.9	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			4.9	Amount
	19.9.3	Single Over Hang 1.50 metre Long	Each	1233.00	10	12330.00
8	3.11	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, Multi Strand Wire in the existing surface concealed FRLS PVC, conduit/ PVC casing caping as Specification and IS:694 (2010)	/ S			
9	6.28	2 x 1.5 sq. mm	mtr.	26.00	100	2600.00
3	0.20	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 2 120 lumens /watt.				
		120 watt	Each	6844.00	10	68440.00
10		Providing and fixing metal clad, TP&N switch fuse unit (re- wirable), 415/500 volts, with porcelain re-wireble fuses including drilling holes on the board, connections, earthing the body etc. as per specification. (Thimbeling shall be paid separately).				
		100 amps	Each	3493.00	1	3493.00
11		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 3043: 1987(R 2016)	Set	3243.00	1	3243.00
12		Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ concealed conduit/ submain wiring/ cable as per specification.	Metre	19.00	10	190.00
13		Painting of following height steel tubular poles with two coat of aluminium paint of approved brand including cleaning the surface as per specification:				
		Above 8 metre and upto 10 metre	Each	281.00	10	2810.00
				T	otal Rs	343136.00

Sub Engineer Municipal Corporation, Korba (C.G.) Assitt. Engineer Municipal Corporation, Korba (C.G.)

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

Name of Work :TOILET CONSTRUCTION FOR BARBASPUR ECO PARK NCAP
As per SOR :SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

S.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.				
	1.1	In all types of soils.	cum	7.19	185.00	1,330.15
2	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.				
	1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	cum	1.13	2970.00	3,356.10
3	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.				
	2.1	1:1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal size).	cum	3.7	4163.00	15,403.10
4	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:				
	12.1	Thermo-Mechanically treated bars FE 415	kg	407.00	54.50	22,181.50
5	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:				
	5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)	cum	2.51	3263.00	8,190.13
6	9.13	Providing and fixing steel door/ window with M.S. sheet 1mm 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.	kg	38.00	75.00	2,850.00
7	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:				
	1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	sqm	7.2	139.00	1,000.80
	1.5	Columns, Pillars, Piers and likes- rectangular or square in shape	sqm	10.40	297.00	3,088.80
	1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	sqm	4.84	235.00	1,137.40
	1.8	Beams, lintels, cantilevers & walls	sqm	3.20	202.00	646.40
	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	cum	1.20	371.00	445.20
9	11.1	Providing and making 6mm thick cement plaster of mix:				404.00
40	1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)	sqm	4.84	87.00	421.08
10	11.2	Providing and making 12mm thick cement plaster of mix:				

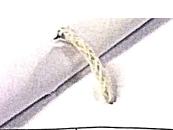
	1		UNIT	QTY	RATE	AMOUNT
	REF	ITEM DESCRIPTION	sqm	20.8	91.50	1,903.20
1	2.4	© Cement Mortar 1:6 (1 cement : 6 fine sand)	Sqiii	20.0		
11	11.3	Providing and making 15mm thick cement plaster on the rough side of single				
		or half brick wall of mix:	sqm	24.00	107.00	2,568.00
	3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)	59,11			
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.	sqm	4.00	858.00	3,432.00
	10.1	Size 300x300mm	sqm	50.44	94.50	4,766.58
13	14.13	Providing and applying 2mm thick ready mix exterior grade approved	3qiii	33.77		,
		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.				
14	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:		50.44	74.50	3,757.78
	16.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and	sqm	50.44	74.50	3,737.70
		including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)				
15	14.22	Painting on new work (two or more coats) to give an even shade with:		5.04	55.00	077.00
	22.1	Satin synthetic enamel paint	sqm	5.04	55.00	277.20
16	18.1	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 :				
	1.1	White Long pattern W.C. pan of size 580 mm	each	1.00	2459.00	2,459.00
17	18.18	Providing and fixing white vitreous china wash basin including making all				
		connections but excluding the cost of fittings :				
	18.1	White Size 550x450 mm	each	1.00	936.00	936.00
18	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.				
	77.1	Tee/ Tee with door/ Bend 45° / Bend 90°				
	.1.2	110 mm	each	1.00	154.00	154.00
19	18.78	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. complete.				
	78.2	110 mm	each	1.00	61.00	61.00
20	18.76	Providing and fixing on wall face or under floor UV stabilized				
-		Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall				
		thickness conforming to IS: 13592 (4kg/sqcm) including required				
		couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap				
		for thermal expansion etc complete.				
	76.2	110 mm dia pipe.	motro	20.00	267.00	8,010.00
	. 0.2	110 milit did pipo.	metre	30.00	207.00	0,010.00

	ÆI	- Torkin Holl	UNIT	QTY	RATE	AMOUNT
1	19.5	y and maing chlorifiated rolly virtyr chloride (CPVC) pipes, naving				731100111
		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.,				
	5.1	15 mm nominal outer dia .Pipes.	metre	15.00	133.00	1,995.00
	5.3	25 mm nominal outer dia .Pipes.	metre	10.00	213.00	2,130.00
22	19.51	Constructing masonry Chamber 60x60x75 cm, inside with modular well	each	1.00	4356.00	4,356.00
		burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement : 4 coarse	,520	7.00	4050.00	4,330.00
		sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm				
		deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2				
		coarse sand : 4 graded stone aggregate 20 mm nominal size)				
		necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine				
		sand:10 graded stone aggregate 40 mm nominal size) and inside				
		plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm				
		thick finished with a floating coat of neat cement complete as per				
		standard design :				
23 1	19.42	Providing and placing on terrace (at all floor levels) polyethylene water				
		storage tank ISI: 12701 marked with account to the storage tank ISI: 12701 marked with account to the storage tank ISI:	LTR	500.00	7.30	3,650.00
		storage tank ISI: 12701 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				
			As per	Estimate An	nount Rs	100506.42

Sub Engineer Nagar Palik Nigam Korba (C.G.)

Assistant Engineer Nagar Palik Nigam Korba (C.G.)

1										
		CON	ISTRI	ICTION	I OF GI	JARD ROOI	\A			
	S.O.R.			1	10, 00	I ROOI	<u> </u>	<u> </u>		
S.	ITEM			L.	В.	H/D				
No.	NO.	Item	Nos			1 ""	Quantity	Unit	Rates	Amount
		Surface dressing of the ground	includ	ing rem	ovina		addinity	Oint	Trates	Amount
		ivegetation and making up undu	lations	and in	_					
1	1 40	lequalities not exceeding 15 cms	s in de	nth/ ha	iaht					
1	1.2	lincluding disposal of rubbish up	to 15	m lift a	heal ha					
		upto 50m (at least 5m away fror	n the	dressed	d area).					
		Plot area	1	4	4		16		-	
			 ' -	-4	-4-	Total	16 16	cam	7.2	115.00
		Excavation for all types and size	es of fo	nundati	l	Total	10	sqm.	1.2	115.00
		trenches and drains or for any o	ther n	urnose	0113,					
		including disposal of excavated	stuff i	into 1.5	m lift					
2	1.1.1	and lead upto 50m (at least 5m	away	from th	е					}
		excavated area), including dress	sing a	nd leve	ling of					
		pits.In all Type of Soil.			J					
		For Main Column A								
		For Main Column A F1		4.0	10					
		Г	4	1.2	1.2	1.2	6.912			ļ
						Total	6.912	cum.	185	1279.00
		Extra for every additional lift of	1.5 m	or part		†		 	1	
3	1.6	of All types of soil		,						
		For Main Column A		r			-			
		F1	4	1.2	1.2	0.3	1.728		-	
-		F	4	1.2	1.2	Total	1.728	cum.	26.5	46.00
-			 			Total	1.720	Cuiti.	20.5	40.00
-		Providing and filling in plinth with	h sand	/ Crush	ner					
		dust and hard moorum under flo								
	4.40	exceeding 20cm in depth conso								
4	1.18	deposited layer by ramming and			luding					
		dressing etc. complete.		J,	J					
		For Main Column A								
		F1	4	1.50	1.20	0.1	0.72		 	
		Building	1	3.00	3.00	0.5	4.5	oum.	371	1936.62
					Total C	aty.	5.22	cum.	37 1	1930.02
		Providing and laying nominal m	ix cen	nent co	ncrete					
		with crushed stone aggregate us	יצ ספוו	ncrete	mixer					
5	3.1.3	in all works upto plinth level excl	ludina	cost of	form					
	00	work. 1:3:6 (1 cement :3 coarse	sand	6 grad	ed					
		stone aggregate 40 mmnominal	size.	, o g, s						-
\vdash										
		For Main Column A				0.40	0.494		1	
		F1	4	1.1	1.1	0.10	0.484			
		floor area	4	3.0	3.0	0.10	3.6			
		11001 4104				Total	4.084	cum.	2970	12129.00



W.										
80		Providing and levi-								
ı	į	Providing and laying nominal mix	x reinfo	orced ce	ement					
- 1	1	concrete with crushed stone and	rogato	uning			1	1		1
6	3.2.1	concrete mixer in all works upto	plinth I	evel	1		1		1	1
١	J.Z. 1	excluding cost of form work. 1	11/4.3	(1 com	ent:		1	- 1	1	1
		1½ coarse sand: 3 graded stor	ie aggi	regate 2	20mm		1	1	1	1
- 1		nominal size).		6			1			1
\neg		Footing F1/C1	1 4 1	4.00						
\neg		for column up to plinth Ivl.	4	1.00	1.00	0.35	1.4			
$\overline{}$		For Main Column A								
		1 of Main Coldinit A	4	0.20	0.30	0.95	0.228			
		ground beam ,plinth beam								
\dashv		size:GB2 (200*300)								
		size.GB2 (200°300)								
\dashv			4	3.0	0.20	0.3	0.72			
-						TOATAL	2.348	cum.	4163	9775.00
-										2.00
_		Column A	4	0.20	0.30	3.00	0.72			
		lintel beam								
		Size -200*200	1	3.00	0.20	0.20	0.6			
		chhajja			-	0.20	1 0.0			
		W1+D1	1	3.00	0.60	0.10	0.18			
		v1	1	0.90	0.60	0.10	0.16		_	
		SLAB BEAM	 	0.00	0.00	0.10	0.054			
	size:200*400			1			0.70			
		SLAB DETAILS	4	3.00	0.20	0.40	0.72			
		BUILDING AREA	1 7			0.40	-			
		platform	_	3.00	3.00	0.12	1.08			
		pidioiiii	1	3.00	0.45	0.10	0.135	_		
		Dedection Slab beam	+-	+		Total	3.489			
		Dedection Slab beam	4	3.0	0.2	0.12	0.288			
	-						0.288			
	-					Total	3.201	CUM	4163	13325.76
		Extra for laying PCC/RCC of a	anv ara	de in						
7	3.4	superstructure above plinth le	vel for	every fl	oor or			l		
•	0.4	part thereof in addition to rate	for fou	ndation	and				1	
		plinth:	101 100	iluatioi	anu					
		same quanty								
		Julio quarity	\neg				3.201	CUM	97.5	312.1
ĺ	1	Providing and placing in posit	ion rei	nforcem	ent for					
		R.C.C. work including straight	enina	cutting						
8	3.12.	bending, binding etc. complet	e as n	er draw	inae					
ľ	0.12.	including cost of binding wire	dation	i	3.201	1				
		plinth all complete: hermo-M		1						
		(TMT) Bars	eated			1		1		
										1
H	+	100 Kg / cum. of R.c.c. work					320.1	KG.	54.5	17445.0
_		D								1
		Providing and fixing formwork				1				
9	2.1	shuttering, strutting, staging,	proppi	ng brac	ina etc.			1		
1		complete and including its re	moval	at all le	vels.	1	1	1	1	1

Á	100	Foundations, footings, base of	column	c plinth				T		
	\$c.	beam, Curtain Wall in any shape	column	is, piiritii	<u></u>		1			1
(E)	2.1.1	type of wall below plinth level	e and s	ze and	an					
ı		type of wan below plinter level								
-		For Main Column A	4	4.00	-	0.35	5.6			
\dashv		for column up to plinth IvI.	†	1.00		0.00				· ·
\dashv		For Main Column A	4	1.00	-	1.35	5.4			
-		Ground beam , Plinth beam	1	-1.00		1.00	<u> </u>			
-+		size:GB2 (200*300)	1		-					
\dashv		0.20.022 (200.00)	4	3.00	_	0.70	8.4			
\dashv			4	3.00		0.60	7.2			
\dashv			+ -	3.00		Total	26.6	sam	139	3697.00
\dashv			+-			Total	20.0	sqm.	100	3037.00
10	2.1.5	columns,Pillars, piers and likes square in shape in size.		gulay oı						
		for column up to slab Ivl.+Prap								
		For Main Column A	4	0.80	-	3	9.6			
						Total	9.6	sqm.	297	2851.00
44	0.4.40	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\								
11	2.1.13	Weather shade chhajja ,cornic chhajja	es and	moundl						
-		W1			- 0.70	-	-			
\dashv		V1	1	3.00	0.70		2.1			
\dashv		SIDE	1	0.90	0.70	-	0.63			
\rightarrow		SIDE	4	3.90	0.10		1.56			
			-			Total	4.29	sqm.	294	1261.00
12	2.1.8	Beams ,Lintels, Cantilevers &	walle				-			
· <u>-</u>		lintel beam	Walls							
		inter beari	1	3.00	-	0.60	4.0			
				3.00		0.60	1.8			
		Slab Beam		┼						
	 	size:200*400	- 4	2.00		4.00	10			
	-	SIZE.200 400	4	3.00	-	1.00	12			
						Total	13.8	Sqm.	202	2788.00
13	2.1.7	Suspended floors, roofs, acceptalconies (plain surfaces) and			in situ)					
		Building Area	1	3.00	3.00	-	9			
						Total	9	sqm.	235	2115.00
	-							,		
14	7.5.4	Brick work with modular FLY of brick) confirming to ISI 12894 designation 40 in foundation Mortar 1:6 (1 cement : 6 coars	:2002 c	of class onth in:Ce						
ı		_1_				I	1	1	l	
		UP TO GD BEAM	1	3.00	0.20	0.45	0.27		 	
		UP TO GD BEAM	1	3.00	0.20	0.45 Total	0.27 0.27	cum.	3263	881.00

	1								γ	
1				1	/51					
1		Brick work with modular FLY AS			(flag		1			
		brick) confirming to ISI 12894:20						l		
15	7.5.4	designation 40 in foundation and Mortar 1:6 (1 Cement : 6 Coarse						1		Į.
15	1,0.	brick work in superstructure abo								
1 1		every floor or part therof in addit						Į.		
		foundation and plinth:	lionari	o rate it	"		1			1
		UP TO SLAB BEAM	4	3.00	0.20	2.60	6.24			
		PERPIT WALL	4	3.00	0.20	0.30	0.72			
		PERPIT WALL		3.00	0.20	Total	6.96	-		
		Deduction	-			Total	0.00			
		Deduction	1	1.00	0.20	2.40	0.48			
		D1	1	1.50	0.20	1.50	0.45			
		W1	1	0.90	0.20	0.60	0.108			
		V1	 '-	0.90	0.20	(-)	1.038			
						Total	5.922	cum.	3263	19323.00
						Total	0.022	- Juni		
			<u> </u>							
- 1		Brick work with modular FLY AS	SH lime	e bricks	s (Falg		1 1	1	İ	l)
ı	7.5.4	brick) confirming to ISI 12894:2	002 of	class			1		1	1
- 1		designation 40 in foundation ar	nd plint	h in:			1 1			
- 1		Cement Mortar 1:6 (1 Cement :	6 Coa	rse Sar	nd)		1			
		brick work					5.922			
							5.922	CUM	121	716.56
\neg										
		Providing and laying damp prod	of cour	se (upto	, l					
16	3.13	50mm thick) with plain cement	concre	ete 1:2:4	l (1		1			
	0,,,	cement : 2 coarse sand : 4 grad	ded cru	ushed s	tone		1 1			
		aggregate 20mm nominal size)	includ	ling forn	nwork.					
		Outer	4	3.00	0.20	0.075	0.18			
		Cutor	1			Total	0.18	cum.	4237	763.00
17	11.1.2	Providing and making 6mm thi	ck cem	nent pla	ster of				1	
		mix : In Cement mortar 1:4 (1 c					1 6 76			
		Building CELLING	1	2.60	2.60	-	6.76		-	
		chhajja		1		-	1 21		 	
		W	1	3.00	0.70	-	2.1			
		v1	1	0.90	$\overline{}$	-	0.63			
		SIDE	4	0.60	0.10		0.24			0.47.00
						Total	9.73	sqm	87	847.00
18	11.2.3	Providing and making 12mm tl	nick ce	ment pl	aster of					
•		mix: in cement mortar 1:5(1 ce	ment:	5 fine s	sand)					- A
<u></u>	 	INER WALL	4	2.60	T -	2.88	29.952			
-	 	HALLY AALVER	$+\dot{-}$	1			29.952	sqm.		
-		Deduction	1-	1	+					
-	 	D1	1	1.00	 -	2.40	2.4		1	
-	 		+ +	1.50		1.50	2.25			
	ı	W1		1.50		1.50				<u> </u>

Jill.

		V	1	0.90		0.60	1 054 1			
	1			0.00		0.60	0.54			
	1					(-) Total	5.19	sqm.	00.5	2222
/	1					Total	24.762	sqm.	96.5	2390.00
-		Providing and making 15mm	thick oc		-1					
19	11.3.4	on the rough side of single o	r half bric	nent pia	ster					
13		In Cement Mortar 1:5 (1 c	emont .	K Wall U	TINIX					
		Outer Wall Front	4	3.00		0.70	1 44 4			
		Window grooving	1	1.50		3.70	44.4			
		viniaen greeting	<u>_</u>	1.50		0.20	0.3			
		Deduction(-)					44.7			
	-	D1	1	1.00		2.40	2.4			
		W1	$\frac{1}{1}$	1.50	-	1.50	2.25			
		V	$\frac{1}{1}$	0.90		0.60	0.54			
				0.50		0.00	5.19			
						Total	39.51	eam	113	4465.00
				 		Total	39.31	sqm.	113	4405.00
				.L	-	ō.				
		Providing and applying 2mm	n thick rea	dy mix						
20	14.13	exterior grade putty (Birla w	all care, A	Iltek Su	perfine					
	. ,,,,,	W/R of (NCL), J.K. wall putt								
		surface smooth and even.	• •						1	
		Same as item total plaster					74.002	sqm	94.5	6993.00
			l l	1			l _		l	
		Mall pointing with condictor	uru omul	sion (pl	l l					
21	14 11 1	Wall painting with acrylic lux	kury emul	sion (pla	astic)					
21	14.11.1	paint of Required Shade to	give an e	sion (pla ven sha	astic) de. On					
21	14.11.1	paint of Required Shade to new work(two or more coat	give an e	sion (pla ven sha	astic) de. On		34 402	sam	52.5	1811 00
21	14.11.1	paint of Required Shade to	give an e	sion (pla	astic) de. On		34.492	sqm.	52.5	1811.00
21	14.11.1	paint of Required Shade to new work(two or more coat Same as item Celling & inn	give an e	ven sha	de. On		34.492	sqm.	52.5	1811.00
21	14.11.1	paint of Required Shade to new work(two or more coat Same as item Celling & inn Painting exterior surface with	give an e	ven sha	de. On		34.492	sqm.	52.5	1811.00
21		paint of Required Shade to new work(two or more coat Same as item Celling & inn Painting exterior surface wit exterior paints of required s	give an e	ven sha	de. Ón		34.492	sqm.	52.5	1811.00
21	14.11.1	paint of Required Shade to new work(two or more coat Same as item Celling & inn Painting exterior surface wite exterior paints of required s manufacture specification to	give an e	IC SMN per tective a	de. On I IOTH and		34.492	sqm.	52.5	1811.00
		paint of Required Shade to new work(two or more coat Same as item Celling & innex Painting exterior surface will exterior paints of required s manufacture specification to decorative finish including of	give an e	IC SMN per tective a	de. On I IOTH and		34.492	sqm.	52.5	1811.00
		paint of Required Shade to new work(two or more coat Same as item Celling & inn Painting exterior surface wite exterior paints of required s manufacture specification to	give an e	IC SMN per tective a	de. On I IOTH and		34.492	sqm.	52.5	1811.00
		paint of Required Shade to new work(two or more coat Same as item Celling & innext. Painting exterior surface will exterior paints of required somanufacture specification to decorative finish including courface etc. complete with	give an e	JIC SMN per tective a	MOTH and		34.492	sqm.	52.5	1811.00
		paint of Required Shade to new work (two or more coal Same as item Celling & innexterior surface witexterior paints of required s manufacture specification to decorative finish including courage etc. complete with on new work (two or more coal surface).	give an e	IC SMN per tective a vashing	MOTH and of		34.492	sqm.	52.5	1811.00
		paint of Required Shade to new work (two or more coal Same as item Celling & innexterior surface witexterior paints of required surface etc. complete with on new work (two or more coltr/10 sam over and including	give an e	IC SMN per tective a vashing	MOTH and of		34.492	sqm.	52.5	1811.00
		paint of Required Shade to new work (two or more coal Same as item Celling & innext. Painting exterior surface wite exterior paints of required surface etc. complete with on new work (two or more cltr/10 sqm over and including exterior primer applied @ 2	give an edis) th ACRYL hades as po give procleaning we coats appring priming 20 kg/10	IC SMN per tective a vashing	MOTH and of					
		paint of Required Shade to new work (two or more coal Same as item Celling & innexterior surface witexterior paints of required surface etc. complete with on new work (two or more coltr/10 sam over and including	give an edis) th ACRYL hades as po give procleaning we coats appring priming 20 kg/10	IC SMN per tective a vashing	MOTH and of		34.492	sqm.	52.5	
		paint of Required Shade to new work (two or more coal Same as item Celling & innext. Painting exterior surface wite exterior paints of required surface etc. complete with on new work (two or more cltr/10 sqm over and including exterior primer applied @ 2	give an edis) th ACRYL hades as po give procleaning we coats appring priming 20 kg/10	IC SMN per tective a vashing	MOTH and of					2213.00
		paint of Required Shade to new work (two or more coal Same as item Celling & innext. Painting exterior surface wite exterior paints of required surface etc. complete with on new work (two or more cltr/10 sqm over and including exterior primer applied @ 2	give an edis) th ACRYL hades as po give procleaning we coats appring priming 20 kg/10	IC SMN per tective a vashing	MOTH and of					
		paint of Required Shade to new work (two or more coat Same as item Celling & innexterior paints of required secondaries finish including of surface etc. complete with on new work (two or more coltr/10 sqm over and including exterior primer applied @ 2 Same as item outer plaster	give an edis) the ACRYL hades as to give proceleaning we coats appring priming20 kg/10	IC SMN per tective a vashing ied @ 1 coat of sqm)	MOTH and of					
22	14.15.1	paint of Required Shade to new work (two or more coat Same as item Celling & innext. Painting exterior surface wite exterior paints of required surface etc. complete with on new work (two or more coltr/10 sqm over and including exterior primer applied @ 2 Same as item outer plaster.	give an ers) her th ACRYL hades as or give processeaning we coats approgramming with the coats appropriately approximately appro	IC SMN per tective a vashing ied @ 1 coat of sqm)	de. On I IOTH and of .43					
		paint of Required Shade to new work (two or more coat Same as item Celling & innex painting exterior surface wite exterior paints of required surface etc. complete with on new work (two or more coltr/10 sqm over and including exterior primer applied @ 2 Same as item outer plaster Applying a coat of hot bitum 1.7kg/sqm on damp proof of the coat of two squares and including exterior primer applied @ 2 squares as item outer plaster applying a coat of hot bitum 1.7kg/sqm on damp proof of the coat of two squares are squares as item outer plaster applying a coat of hot bitum 1.7kg/sqm on damp proof of two squares are squares as item outer plaster applying a coat of hot bitum 1.7kg/sqm on damp proof of the coat of two squares are squares as item outer plaster applying a coat of hot bitum 1.7kg/sqm on damp proof of the coat of two squares are squares as item outer plaster applying a coat of hot bitum 1.7kg/sqm on damp proof of the coat of two squares are squares as item outer plaster applying a coat of hot bitum 1.7kg/sqm on damp proof of the coat of two squares are squares as item outer plaster applying a coat of hot bitum 1.7kg/sqm on damp proof of two squares are squares as item outer plaster applying a coat of hot bitum 1.7kg/sqm on damp proof of two squares are squares as item outer plaster applying a coat of hot bitum 1.7kg/sqm on damp proof of two squares are squares as item outer plaster are squares are squares as item outer plaster are squares are squares are squares as item outer plaster are squares are squar	give an ers) th ACRYL hades as or give processes approgramming 20 kg/10 men VG-1 course af	IC SMN per tective a vashing ied @ 1 coat of sqm)	MOTH and of .43					
22	14.15.1	paint of Required Shade to new work (two or more coat Same as item Celling & innex Painting exterior surface witexterior paints of required some surface etc. complete with on new work (two or more country 10 sqm over and including exterior primer applied @ 2 Same as item outer plaster Applying a coat of hot bitum 1.7kg/ sqm on damp proof surface with brushes and file	give an ers) th ACRYL hades as or give procleaning we coats appring priming a priming course africally with	IC SMN per tective a vashing ied @ 1 coat of sqm)	MOTH and of .43					
22	14.15.1	paint of Required Shade to new work (two or more coat Same as item Celling & innext. Painting exterior surface wite exterior paints of required surface etc. complete with on new work (two or more cltr/10 sqm over and including exterior primer applied @ 2 Same as item outer plaster. Applying a coat of hot bitum 1.7kg/ sqm on damp proof surface with brushes and fillightly soaked in kerosene of	give an ers) th ACRYL hades as or give procleaning we geriming priming and process approper of the course affinally with bil.	ied @ 1 coat of sqm) D using ter clear a piece	MOTH and of .43		39.51			
22	14.15.1	paint of Required Shade to new work (two or more coat Same as item Celling & innex Painting exterior surface witexterior paints of required some surface etc. complete with on new work (two or more country 10 sqm over and including exterior primer applied @ 2 Same as item outer plaster Applying a coat of hot bitum 1.7kg/ sqm on damp proof surface with brushes and file	give an ers) th ACRYL hades as or give procleaning we coats appring priming a priming course africally with	ied @ 1 coat of sqm) D using ter clear a piece	MOTH and of .43					

Ca

	1									
										1
	A STATE OF THE PARTY OF THE PAR	Making 50mm thick plinth protect							i l	
1	3.16	concrete 1:3:6 (1 cement : 3 coa								
25	3.16	crushed stone aggregate 20mm				,				
1 1		75mm bed of dry brick ballast 40							i l	
		well rammed and consolidated a			ith				l l	1
1 1		sand including finishing the top	smooth							
\vdash		Outer	4	3		1.5	12			0070.00
\vdash			\square			Total	12	sqm	273	3276.00
25	8.1.1	Providing wood work in frames s, clerestory windows and othe framed and fixed in position.	of door	rs,Wind						
		Teak Wood	-			0.45	0.00505			
		D1	1.00	5.80	0.08	0.15	0.06525	01177	114758	7488.00
			4			Total	0.06525	cum.	114/50	7400.00
			-				-		 	
				<u>. </u>			 		 	
1		Providing and fixing 40mm thick	c panel	led or g	lazed					
		or paneled and glazed shutter f	rames	for doo	rs .			I	1 1	
26	8.6.1	excluding hinges and paneling.	(Area	of shutt	er to			I	1 1	
- 1		be measured without deducting	paneli	ing area	1)			I	1	
	Teak wood 1 1.00 2.40			- 4		2906	6974.00			
		D1	+	1.00	2.40	 	2.4	sqm.	2300	0374.00
\dashv						 				
		Providing and fixing M.S. grill of	of appr	oved pa	attern				1 1	
27	9.15	made of M.S. flats or square or	round	bars w	elded				1 1	
21	9.15	to steel frame of windows etc. i	ncludir	ng apply	∕ing a				1 1	
		priming of red oxide zinc chron	nate pi	rimer.			ļ			
-		W	1 1	1.50	-	1.50	2.25			
		V	1 1	0.90	-	0.60	0.54			
-		V	+	1		1	2.79	sqm.		
			+	 		20 kg /sqm	55.8	KG.	67.5	3767.00
			+							
				ross tou	vor					
		Providing and fixing bright finis	nea bi	ass tov	7EI				1 1	
28	8.62.2	bolts (barrel type) with brass po	nsnea	IVIS SCI	ews	l			1 1	
		complete:				1			1 1	
		200x10 mm					T 0.00		+	
		D1	1	2.00	-	 	2.00		1 224	462.00
						Total	2.00	each	231	402.00
						-			+	
		Providing and fixing bright finis	ned							
	1	brass door handles with brass	polish	ea MS	screws					
29	8.65.1									
1		125 mm								
<u></u>				1400			4.00	-	+	
		D1	1	4.00	-	Total	4.00	each	55.5	222.00
-			+	+	+	1000				

		Denviding and fiving A -14 (0.0						T		
	000	Providing and fixing Anitque/S.S. door latch with necessary Antique	tinish	ed bras	ss					
1	8.80.2	MS screws complete:	3/3.3.	POlish	led					
1		300 x16x5 mm			l					
195		D1	1	1.00	 +		1.00			
			' -	1.00	- +	Total	1.00			
-+		, , , , , , , , , , , , , , , , , , , ,				Total	1.00	each	280	280.00
		Providing and fixing 150mm Anti-	aue/S	.S. finis	shed					
		brass floor door stoppers with rul	bber o	ushion	and					
31	8.73	antique/ S.S. Polished MS screv	vs to s	suit thic	kness					
		of shutters thickness.								
		D1	1	2.00	-		200			
				2.00	-	Total	2.00		77.50	455.00
\dashv					 -	Total	2.00	each	77.50	155.00
\dashv		Providing and fixing M.S. fan cla	mn/h	ook for	coiling		L			
		fan made out of 16 mm dia M.S.								
22	9.37	with hooked ends in R.C.C. slab								
32	9.37	laying including painting the expe								
1		loop.	0000	50111011	·					
							,			
		Building	1	1.00	-		1.00			
						Total	1.00	each	97.00	97.00
-				L			ļ			
		Providing and fixing aluminium								
		windows, ventilators and partition								
		extruded aluminium standard se								
		section with minimum 1.5mm th								
		to IS: 733, IS: 1285 mitred and j including aluminium cleats, neo								
		stripping gasket beveled edge b								
34	9.47	fixed in wall/ floor with fixing clip								
		or bolts and nuts as required all								
		shall be anodized transparent o								
		shade according to IS: 1868, m								
	1	coating shall be of grade AC-15								
		panelling to be paid for separate							1 1	
	ł	, , ,	•						1 1	
_	9.47.1	For Fixed Portion	T -	1						
\vdash	3.47.1	W	1	6.00	-	-	6.00		+	
_	 	V1	1 1	3.00			3.00		1	
\vdash	 	1	+-	1 0.00	2.10	(a X	9.00	meter		
	†		1	+	-	Ĭ	18.90	kg	331	6256.00
	<u> </u>		1	1						
	 	Extra for Polyester powder coa	ted (n	ninimur	n 50				1	
35	9.49	micron) aluminium sections ins	of anod	ized.						
_	 	•					1 400	 	1 24 5	050.00
_		same as item of alumunium fix	ed an	d shutt	er.		18.9	kg	34.5	652.00
						1		1		

36	9.53	Providing and fixing glazing in window, ventilator shutters and partitions etc. with PVC/ r complete. (Cost of aluminium snap beading shall	C/ neoprene gasket etc.							
		item):								
		W	1	1.50		1.50	2.25		-	
		V1	1	0.90		0.60	0.54		700	1075.00
						Total	2.79	sqm.	708	1975.00
39	12.13.1	Providing and laying vitrified ficharge/ multi charge printing viless than 0.5% and conformin approved make in all colours amentioned below (+/- 10mm), cement mortar 1:4 (1 cement including grouting the joints will matching pigments etc. completonesses	vith wat g to IS: and sha laid on : 4 coar ith white lete: (Si	er absor 15622 des and 20mm to se sand e cemen ze	rption of I size hick) t and		1 0.00			
		ROOM	1	3.00	3.00		9.00	aam	1151	10359.00
				-		Total	9.00	sqm.	1101	10000.00
40	14.22.2	Painting on new work (two or an even shade with premium panits.	more c	oats) to c ename	give el					
		grill				4.50	0.05		-	
		W	1	1.50		1.50	2.25		-	
		V	1	0.90		0.60 Total	0.54 2.79	sqm.	47	131.00
	-		+							
									Total	151796.04
			00/ 1	l Electrific	cation	Re				13661.64
		Addı		d Total	30000 0000 0000 0000 0000 0000 0000 00		100			165457.69

(مو)بير

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