कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 125/ निर्माण/2023

सिस्टम टेंडर नं. 151509

कोरबा दिनांक 12.01.2024

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 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक त्तक रामरत संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई प्रोक्युरगेंट (E-Tendering) के माध्यम से निविदा प्रपत्र फार्म A में निविदा आमंत्रित की जीती है

ф	कार्य का नाम	प्राक्कलन	घरोहर राशि	कार्यावधि	निविदा	ठेकेदार का	निविदा
		राशि (लाख	(FDR/TDR)		प्रतिभागी शुल्क	वर्ग	खुलने की
		में)			(DD)		तिथि
1	वार्ड क 22 अंतर्गत कटहल गार्डन का सौंदर्यीकरण एवं विकास कार्य 3 वर्ष गरम्मत एवं संघारण के साथ	55.00	41500/-	6 माह	3000.00	वर्ग डी एवं प्रवर श्रेणी	06.02.2024 से

शते

िविदा दरे प्रचलित सी.एस.आर.रो 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 2

पालिक निगम (साडा) के हित के विरूद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।

3 इक्षुंक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पाटर्नरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अगले की जानकारी, विगत 3 वर्षों का आयकर चूकता प्रमाण पत्र/पेन नम्बर, जी. एस.टी. पजीयन प्रमाण पत्र एवं अगानत राशि के FDR/TDR की प्रति ऑनलाईन अपलोड करेना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने रांबधी प्रमाण पत्र, कर्मवारी भविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमाण्ड ड्राफ्ट एवं घरोहर राशि FDR/TDR. शपथपत्र का रकेन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा ।

- अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शूल्क का DD एवं शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रिजस्टर्ड 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 रामपूर 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 क्रमांक 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।

राम्पूर्ण 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 छोडकर शेष कार्यों में 5 प्रतिशत परफार्मेंस रिाक्यूरिटी की गारंटी 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 कर्मवारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर

लिया हो वे निविदाकार ही निविदा हेत् पात्र होंगे।

निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण 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 पलाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।

प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा। 8.

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 रामतुल्य परफारमेंरा 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 रागयाविध में जगा न करने की दशा में निविदा रवमेव निरस्त मानी जावेगी।

निविदा अहरतातरणीय होगा एवं राशर्त निविदाओं पर विचार नहीं किया जावेगा। 10

निविदा प्रपन्न फार्म ए की किंडका 11 अनुसार एरकलेशन देय नहीं होगा। 11

िविदा के सबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा। 12

निविदा रवीकृत करने अथवा अरवीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा। 13.

उपरोक्त निविदा सूबना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन रिथत निर्माण शाखा से प्राप्त किमे जा सुकते है।

कार्यपालन अभियंता नगर पालिक निगम

किरबा (छत्तीसगढ़)

प्रतिलिपि

5

प्रोग्रामर, रांचालगालय, नगरीय प्रशासन एवं विकास विभाग, संयुपर की uad.cg.gov.in में अपलोड करने हेतु प्रेषित।

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Star	t	Expi	ry	Remarks
		_	Date	Time	Date	Time	
	Release Tender		12.01.2024	18.30	12.01.2024	18.30	Release Tender
2		Bid Submission	12.01.2024	18.30	05.01.2024	17.30	
3		Physical Document Submmission	12.01.2024	18.30	06.02.2024	15.00	
1	Tender Open		06.02.2024	16.00			

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

ORGANIZATION NAME

TENDER NO

TENDER/NIT HEADER DETAIL

Urban Administration and

Development Department (UADD)

FROCUREMENT CATEGORY

NUMBER OF ITEMS ALREADY 1 ATTACHED

TENDER DEALING OFFICER MATCHING

- MANORANJAN SARKAR(EE)

WORKS

NO

CURRENCY INR - INDIAN RUPEE

NIT TYPE VENDOR CLASS RESTRICTED TENDER PROBABLE AMOUNT OF

A, B, C, D

TENDER CATEGORY PERCENTAGE

CONTRACT(PAC) [INR]

5515376.00

OFFICE/DIVISION(PWD)

COMMISSINOR, MUNICIPAL

DIVISION / DISTRICT

MUNICIPAL CORPORATION, KORBA

SECTION/CIRCLE(PWD)

CORPORATION, KORBA

NAME

DESCRIPTION

DETAILED DESCRIPTION IS AUCTION ENABLED?

F.N/ 125/Const./ Kosabadi Zone/ 2023/KMC

TENDER SECTION

NUMBER OF BID PART(S)

Development of Kathal Garden at Ward No. 22 with 3 years maintenance under NCAP

1

BID PART NUMBER

ATTRIBUTE(S)

ATTRIBUTE NAME	TITLE OTE (S)					
BID VALIDITY PERIOD (in days)	ATTRIBUTE VALUE					
Tender / Work Completion Time (in months)	120					
Required Past Technical Experience	6 (VALUE)					
Required Financial Turnover (in INR)	As per tender document /NiT					
Required Bid Capacity (in INR)	AS PER NIT					
capacity (in INR)	AS PER NIT					

PAYMENT DETAILS

DETAILS	
Tender/Processing/Bid	N/A
Fees	
EMD/Bid Security	41500.00 INP

DATE-TIME DETAIL(S)

BID SUBMISSION START

Jan 12, 2024 07:30:00:PM

BID DUE DATE

Feb 5, 2024 05:30:40:PM

DATE BID OPEN DATE (SCHEDULED)

Feb 6, 2024 04:00:06:PM

PHYSICAL DOC SUBMISSION Feb 6, 2024 03:00:15:PM

END DATE

PRE-BID DISCUSSION DETAILS

PRE-BID DISCUSSION

NOT REQUIRED

ALTERNATE BID DECRYPTOR(S)

USER DETAILS	
MR BUYER ADMIN(DFLT)	
- MANORANJAN SARKAR (DFLT)	
- Mitresh Verma (DFLT)	
- Ramkumar Maheshwari (DFLT)	
- ARUN KUMAR SHARMA(DFLT)	
- Bhushan Ram Oraon(DFLT)	

TERM AND CONDITION DETAIL(S) - SPECIAL TERM(S)

SL. NO.	CATEGORY	DESCRIPTION
1	SPECIAL TERM(S)	SPECIAL TERM(S) As per tender document /NiT

TENDER SPECIFIC REQUIRED ATTACHMENT(S)

Envelop B

SL. NO.	DOCOMENT WANT	MANDATORY	ALLOW EXEMPTION	GROUP
1	PARTNERSHIPDEED/MOA OFCOMPANY(IFREQUIRED	YES	NO	OTHER
2	DECLARATION FOR NOT BEINGBLACK LISTED	YES	NO	OTHER
3	LIST OFTECHNICALSTAFFDETAIL	YES	NO	OTHER
4	GST CERTIFICATEFROMCHHATTISGARH	YES	NO	
5	DECLARATIONFOR NOT ABOVE TOTAL WORK OF REGISTRACTION CAPACITY		NO	OTHER
7	REGISTRATIONCERTIFICATE (ANY GOVTDEPTINCHHATTISGARH	YES -CT	NO	
В	INCOMETAXCLEARANCECERTIFICATE	YES		OTHER
9	ANY OTHER REQUIRED DOCUMENT IN NIT	YES	NO	OTHER

DETAILED ESTIMATE FOR DEVELOPMENT OF KATHAL GARDEN NAGAR PALIKA NIGAM KORSA (C.G.)

CONSTRUCTION OF GUARD ROOM

					-						
s. Ho.	S.O.R. ITEM	Item	lios	L	8.	но	Oceanity	Link	Pates	žma.	nt.
and the second	110.	Surface dressing of the ground including		-					10000	900	
	1	removing vegetation and making up				- Company					100
		undulations and in-equalities not exceeding			1						Paris de la companya
1	1.2	16 cms in depth/ height including disposal of			1						T.
		rubbish upto 1.5 m lift and lead upto 50m (at						ì			· ·
		least 5m away from the dressed area).						-	1	-	
Constitution	-	Plot area	1	4	4	-	16		7.	76	115.00
		Million and Millio				Total	16	5077.	1	4	1 1 1 1 1 1 1
2	1.1.1	Excavation for all types and sizes of						1	1	-	
-	owner, the same of the same	For Main Column A					10.0	-	1	+	-
	ADMINISTRATION OF THE PARTY OF	F1	14	1.5	1.5	1.8	16.2		18	5	2997.00
CARRIED STATE						Total	15.2	am.	1 10	1	233130
								1	-	1	
3	1.6	Extra for every additional lift of 1.5 m or part there of All types of soil						-			
		For Main Column A	1_			- 0.2	2.7	-	1	1	
		F1	14	1.5	1.5	0.3	2.7	-	25	c)	72.00
			1			Total	2.1	aum.	. 20	1	72.00
			1	1			-	+	-	-	
		Providing and filling in plinth with sand/	1	1				-			
	1	Crusher dust and hard moorum under floor is	וי				1	1	1		Į.
4	1.18	layers not exceeding 20cm in depth		1							1
4	1,10	consolidating each deposited layer by	1				1	1			
		ramming and watering, including dressing			1						-
		etc. complete.	+-	-		-		 	1		
		For Main Column A	+-	1.50	1.50	0.1	0.9	1		1	
		F1	1 4	_	-	0.7	6.3		-	i	
		Building	1	3.00	Total Qty.	0.1	7.2	аип	, 1 3	71	2671.20
			+-	+-	Total City.	-	1.2	1 0001	-	-	
			+-	-		-	-	-		_	
		Providing and laying nominal mix cement					1		1		
		concrete with crushed stone aggregate using	الا		1			1			
5	3.1.3	concrete mixer in all works upto plinth level	.	1			1	1		1	
5	3.1.3	excluding cost of form work. 1:3:6 (1 cemen	,	1	1	1		1	1	1	
		:3 coarse sand :6 graded stone aggregate 4	ᅦ			1	1	1	1		
		mmnominal size.	+-	+	-		-	_		_	
		For Main Column A	+ -	+ 4	11	0.10	0.784	. -	_	-	
		F1	4	1.4	+	0.10	0.73	_	_	-	
		floor area	1	3.0	3.0		_	$\overline{}$	m 2	970	5001.0
						Total	1.68	4 cui	111. 2	970	3001.0
				-				-		-	
		Providing and laying nominal mix reinforced			1	1			1	- 1	
		cement concrete with crushed stone			1		1	- 1			
	1	aggregate using concrete mixer in all works		1			1	- 1	1	- 1	
6	3.2.1	upto plinth level excluding cost of form work	.	1				1	- 1	1	
U	3.2.1	1:11/2:3 (1 cement : 11/2 coarse sand : 3	1	-				1			
	1	graded stone aggregate 20mm nominal		- 1	1			- 1		- 1	
				ı	i	1		- 1			
		size). Footing F1/C1	4	1.3	0 1.30	0.35	2.36	66			
	-	for column up to plinth lvl.	+ '	1							
	-	Too Main Column A	4	0.2	0 0.30	1.55	0.37	72			
	-	For Main Column A	+	15.2		1	1	\neg			
	-	III Bath because	_	+	 			-	\neg		
		ground beam ,plinth beam	-	+		_					
		size:GB2 (200*300)			0.20	0.3	0.7	2	-+	-	
			4	3.0	0.20				um	4163	14396.
			\dashv		-	TOAT	nL 3.4	00 0	um.	7100	
						-	. 	-	-		
		Column A	4	0.2	0.30	3.00	0.7	2			



		lintel beam				_	γ			
		Size -200*200	1	0.00		-				
		chhajja	1	3.00	0.20	0.20	0.6			
		W1+D1	1	0.00						
		v1	1	3.00	0.60	0.10	0.18			
		SLAB BEAM	-	0.90	0.60	0.10	0.054			
		size:200*400		-						
		SLAB DETAILS	4	2.00	0.00	-	0.72			
		BUILDING AREA	_	3.00	0.20	0.40				
		platform	1	3.00	3.00	0.12	1.08			
			1	3.00	0.45	0.10	, 0.135			
		Dedection Slab beam	_			Total	3.489			
			4	3.0	0.2	0.12	0.288			
	-			\vdash			0.288			
	1					Total	3.201	CUM	4163	13325.76
	†	Extra for laying PCC/RCC of any grade in	_							
_		superstructure above plinth level for every		1 1		1				
7	3.4	floor or part thereof in addition to rate for		1 1		1				
		foundation and plinth:		1 1					di .	
		same quanty								
		same quanty					3.201	CUM	97.5	312.10
		Providing and placing in position		igsquare						
		reinforcement for R.C.C. work including								
		straightening, cutting, bending, binding etc.							ì	
8	3.12.1	complete as per drawings including cost of							1	
	0.12.1	binding wire in foundation and plinth all					3.201			
		complete: hermo-Mechanically Treated								
		(TMT) Bars				1			ı	
		100 Kg / cum. of R.c.c. work								
		100 Kg / Culli. of R.C.C. Work					320.1	KG.	54.5	17445.00
		Providing and Salar Control of the Control								
		Providing and fixing formwork including								
9	2.1	centering, shuttering, strutting, staging,					1			
	1	propping bracing etc. complete and including					1			
	244	its removal at all levels,								
	2.1.1	Foundations, footings, base of columns,								
	-	For Main Column A	4	5.20		0.35	7.28			
		for column up to plinth Ivl.								
		For Main Column A	4	1.00	-	1.95	7.8			
		Ground beam , Plinth beam								
		size:GB2 (200*300)								
			4	3.00	-	0.70	8.4			
			4	3.00	(a=0)	0.60	7.2			
						Total	30.68	sqm.	139	4265.0
										7200.0
10	2.1.5	columns, Pillars, piers and likes-rectangulay				1				
10	2.1.5	or square in shape in size.				1				
		for column up to slab Ivl.+Prapet Ivl								
		For Main Column A	4	0.80	-,	3	9.6			
			<u> </u>		78	Total	9.6	sqm.	297	2054 0
						1.500	- 3.0	sqiii.	297	2851.0
4 :		Weather shade chhajja ,cornices and		\vdash			 			
11	2.1.13	moundlings.				1				
		chhajja	-	-		 -		 		
		W1	1	3.00	0.70		2.4	 		
		v1	1	_		-	2.1			
		SIDE		0.90	0.70	 -	0.63	-		
		OIUE	4	3.90	0.10	 	1.56	<u> </u>		
						Total	4.29	sqm.	294	1261.0
								ļ		
		Beams ,Lintels, Cantilevers & walls	1	1 1		1				
12	2.1.8									
12	2.1.8	lintel beam								
12	2.1.8		1	3.00	=,	0.60	1.8			
12	2.1.8		1	3.00	-	0.60	1.8			
12	2.1.8		1	3.00	-	0.60	1.8			
12	2.1.8	lintel beam	1		-	0.60	1.8			
12	2.1.8	lintel beam Slab Beam		3.00				Sqm.	202	2788.00

		T								
		Suspended floors, roofs, access platform,								
13	2.1.7	balconies (plain surfaces) and shelves (cast		1 1				1	1	1
		in situ)				1 1		- 1		1
		Building Area	1	3.00	3.00	- 1	9			
						Total	9	sqm.	235	2115.00
				1						2110100
								1		
		Brick work with modular FLY ASH lime								
	ŀ	bricks (Falg brick) confirming to ISI		1 1		1 1	- 1			
14	7.5.4	12894:2002 of class designation 40 in		1 1		1 1	- 1	1	- 1	
14	1.5.4	foundation and plinth in:Cement Mortar 1:6		1 1		1 1	1		1	
		(1 cement : 6 coarse sand)				1 1		- 1		1
				1 1				- 1		
		UP TO GD BEAM	4	3.00	0.20	0.45	1.08			
				-		Total	1.08	cum.	3263	3524.00
						10.0.	1.00	Will.	02001	3324.00
		Brick work with modular FLY ASH lime	_					-		
		bricks (flag brick) confirming to ISI	1	1 1		1 1		- 1		
		12894:2002 of class designation 40 in				1 1				100
45	7.54	foundation and plinth in:Cement Mortar 1:6		1 1		1 1	1	- 1		
15	7.5.4	(1 Cement : 6 Coarse Sand)+ Extra for brick		1 1		1 1			1	
		work in superstructure above plinth level for		1 1		1 1			ı	
		every floor or part therof in additional to rate		1 1		1 1				
		for foundation and plinth:	1	1 1		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	_		
			7	3.00	0.20	Total	6.96			
		Deduction	_	 		10(a)	0.90			
		D1	1	1.00	0.20	240	0.40			
		W1	1	1.50	0.20	2.40	0.48			
		V1	1	+		1.50	0.45			
			-	0.90	0.20	0.60	0.108			
						(-)	1.038			
	 		_	 		Total	5.922	cum.	3263	19323.00
	 	Brick work with modular FLY ASH lime	_			-				
	ł	bricks (Falg brick) confirming to ISI		1 1					1	
	i	12894:2002 of class designation 40 in		1 1					1	
	7.5.4	foundation and plinth in:		1		1			1	
				1 1					1	
	1	Cement Mortar 1:6 (1 Cement : 6 Coarse								
		Sand)	_	 						
	 	brick work					5.922			
	 	Descriding and leving days are forces		\vdash			5.922	CUM	121	716.56
	1	Providing and laying damp proof course								
		(upto 50mm thick) with plain cement		1 1					- 1	
16	3.13	concrete 1:2:4 (1 cement : 2 coarse sand : 4		1 1					1	
		graded crushed stone aggregate 20mm		1 1			1		- 1	
	ļ	nominal size) including formwork.		\sqcup					1	
		Outer	4	3.00	0.20	0.075	0.18			
						Total	0.18	cum.	4237	763.00
				$oxed{oxed}$						
		Providing and making 6mm thick cement								
17	11.1.2	plaster of mix : In Cement mortar 1:4 (1					1		1	
		cement : 4 fine sand)								
		Building CELLING	1	2.60	2.60	-	6.76			
		chhajja		\Box		-				
		w "	1	3.00	0.70	1 -	2.1			
		V1	1	0.90	0.70	-	0.63			
	1	SIDE	4	0.60	0.10	+ :	0.03	 		
			 	3.50	0.10	Total	9.73	sam	07	0.17.0
	 		 	+-		iolai	9.13	sqm	87	847.00
	 	Providing and making 12mm thick cement	 	+			 	-		
1Ω	11 22						1			
18	11.2.3	plaster of mix: in cement mortar 1:5(1	1			1	1			
	 	cement : 5 fine sand)	-	-			<u> </u>	-		
		INER WALL	4	2.60		2.88	29.952			
		0.4.1		 _ 			29.952	sqm.		
	i .	Deduction	I							
		D1 W1	1	1.00	S-	2.40	2.4			



1			lv I	4	0.00		0.60	0.54			
Providing and making 15mm thick cement plaster on the rough side of single or half plaster on the rough side of single or half plaster on the rough side of single or half plaster on the rough side of single or half plaster on the rough side of single or half plaster on the rough side of single or half plaster on the rough side of single or half plaster on the rough side of single or half plaster on the rough side of single or half plaster on the rough side of single or half plaster on the rough side of single or half plaster on the rough side of single or half plaster on the rough side of single or half plaster on the rough side of single or half plaster on the rough side of single or half plaster or the rough side of single or half plaster or the rough side of single or half plaster or the rough side of single or half plaster or the rough side of single or half plaster or the rough side of single or half plaster or the rough side of single or half plaster or the rough side or side		-	•	1	0.90				sam		
Providing and making 15mm thick cement plaster on the rough side of single or half bick wall of mix In Cement Mortar 1:5 (1 cement : 5 fine sand)					-				_	96.5	2390.00
11.33 plaster on the rough side of single or half in Cement Mortar 1:5 (1 cement : 5 fine sand)							Total	24.702	Jqiii.	- 00.0	2000.00
11.33 plaster on the rough side of single or half in Cement Mortar 1:5 (1 cement : 5 fine sand)			Providing and making 15mm thick cement								
11.3.4		1							l		
In Cement Mortar 1:5 (I cement : 5 fine sand)			brick wall of mix						- 1		
Sand Outer Wall Front	19	11.3.4			1				i		
Outer Wall Front									- 1		
Window groving											
Deduction(-)					$\overline{}$						
Deduction(-)			Window grooving	1	1.50		0.20				
D1								44.7			
W1			Deduction(-)								
V			D1	1	1.00	-	2.40	2.4			
V			W1	1	1.50	-	1.50	2.25			
Providing and applying 2mm thick ready mix extension grade puthy (Birla wall care, Alltek Superine W/R of (NCL), J.K. wall puthy on walls to make the surface smooth and even. Same as item total plaster Wall painting with acrylic tuxury emulsion (plastic) paint of Required Shade to give an coats). Same as item Celling & inner Painting extenior surface with ACRYLIC SIMMOTH extenor paints of required shades as per manufacture specification to give protective and decorative finish including dearing washing of surface etc. complete with on new work (two or more coats). Applying a coat of hot bitumen VG-10 using @ 1.7kg sqm on damp proof course after dearing washing of surface etc. complete with on the work (two or more coats applied @ 1.7kg sqm on damp proof course after dearing washing of surface etc. complete with on the work (two or more coats applied @ 1.7kg sqm on damp proof course after dearing washing of surface etc. complete with on the work of the complete with on the work of the complete with on the work of the w			V	1			0.60	0.54			
Providing and applying 2mm thick ready mix seterior grade putty (Birla wall care, Alltek Superfine WR of (NCL), J.K. wall putty) on walls to make the surface smooth and even. Same as liem total plaster Wall painting with acrylic luxury emulsion (plastic) paint of Required Shade to give an even shade. On new work (two or more coats) Same as liem Celling & Inner Painting exterior surface with ACRYLIC SIM/OTH exterior paints of required shades as per manufacture specification to give protective and decorative finish including cleaning washing of surface etc. complete with on new work (two or more coats applied @ Same as item outer plaster Applying a coat of hot bitumen VG-10 using @ 1.7kg/sqm on damp proof course after cleaning the surface with brushes and finally with a piece of coth lightly soaked in kerosene oil. Outer						11		5.19			
Providing and applying 2mm thick ready mix seterior grade putty (Birla wall care, Alltek Superfine WR of (NCL), J.K. wall putty) on walls to make the surface smooth and even. Same as liem total plaster Wall painting with acrylic luxury emulsion (plastic) paint of Required Shade to give an even shade. On new work (two or more coats) Same as liem Celling & Inner Painting exterior surface with ACRYLIC SIM/OTH exterior paints of required shades as per manufacture specification to give protective and decorative finish including cleaning washing of surface etc. complete with on new work (two or more coats applied @ Same as item outer plaster Applying a coat of hot bitumen VG-10 using @ 1.7kg/sqm on damp proof course after cleaning the surface with brushes and finally with a piece of coth lightly soaked in kerosene oil. Outer							Total		sam.	113	4465.00
14.13 exterior grade putty (Birla wall care, Alliek Superfine WTR (NCL), J. K. wall putty) on walls to make the surface smooth and even. Same as item total plaster 74.002 sqm 94.5 6993.00 Wall painting with acrylic luxury emulsion (plastic) paint of Required Shade to give an even shade. On new work (two or more coats) Same as item Celling & inner Painting exterior surface with ACRYLIC SMMOTH exterior paints of required shades as per manufacture specification to give protective and decorative finish including cleaning washing of surface etc. complete with on new work (two or more coats applied ⊚ Same as item outer plaster Applying a coat of hot bitumen VG-10 using ⊚ 1-7kg/ sqm on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil. Outer Outer Applying a Coat of hot bitumen VG-10 using ⊚ 1-7kg/ sqm on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil. Outer Applying a Coat of hot bitumen VG-10 using ⊚ 1-7kg/ sqm on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil. Outer Applying a Coat of hot bitumen VG-10 using ⊚ 1-7kg/ sqm on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil. Outer John Making 50mm thick plinth protection of plain cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed stone aggregate and consolidated and grouted with sand including finishing the top smooth. Outer Providing wood work in frames of doors, Window s, clerestory windows and other frames wrought framed and fixed in position. Providing wood work in frames of doors, Window s, clerestory windows and other frames wrought framed and fixed in position. Teak Wood									3 4.1.1		
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walts to make the surface smooth and even. Same as item total plaster 14.11.1 Wall painting with acrylic luxury emulsion (plastic) paint of Required Shade to give an even shade. On new work (two or more coats) Same as item Celling & inner Painting exterior surface with ACRYLIC SMMOTH exterior paints of required shades as per manufacture specification to give protective and decorative finish including cleaning washing of surface etc. complete with on new work (two or more coats applied @ Same as item outer plaster Applying a coat of hot bitumen VG-10 using @ 1.7kg/ sqm on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil. Outer 4.00 3.00 0.20 - 2.4 sqm. 93.5 224.0 Making 50mm thick plinth protection of plain cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed slone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth. Outer 4 3 - 1.5 18 Providing wood work in frames of doors, Windows s, clerestory windows and other frames wrought framed and fixed in position. Teak Wood D1 1.00 5.80 0.08 0.15 0.06525	20	14.13									
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14.11.1 (plastic) paint of Required Shade to give an even shade. On new work (two or more coats) Same as item Celling & inner 34.492 sqm. 52.5 1811.00			Same as item total plaster					74.002	sqm	94.5	0993.00
14.11.1 (plastic) paint of Required Shade to give an even shade. On new work (two or more coats) Same as item Celling & inner 34.492 sqm. 52.5 1811.00			NA(-0) i-4ii4ii-1		\vdash						
22 14.15.1 23 14.15.1 24 Painting exterior surface with ACRYLIC SMMOTH exterior paints of required shades as per manufacture specification to give protective and decorative finish including cleaning washing of surface etc. complete with on new work (two or more coats applied @ Same as item outer plaster 25 Applying a coat of hot bitumen VG-10 using @ 1.7kg/ sgm on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil. 26 July 1.15.1 27 July 1.15.1 28 July 1.15.1 29 July 1.15.1 20 July 1.15.1 20 July 1.15.1 20 July 1.15.1 21 July 1.15.1 22 July 1.15.1 23 July 1.15.1 24 July 1.15.1 25 July 1.15.1 26 July 1.15.1 27 July 1.15.1 28 July 1.15.1 29 July 1.15.1 20 July 1.15.1 20 July 1.15.1 20 July 1.15.1 20 July 1.15.1 21 July 1.15.1 21 July 1.15.1 21 July 1.15.1 22 July 1.15.1 23 July 1.15.1 24 July 1.15.1 25 July 1.15.1 26 July 1.15.1 27 July 1.15.1 28 July 1.15.1 29 July 1.15.1 29 July 1.15.1 20 July 1.15.1 21 July 1.15.1 21 July 1.15.1 22 July 1.15.1 23 July 1.15.1 24 July 1.15.1 25 July 1.15.1 26 July 1.15.1 27 July 1.15.1 28 July 1.15.1 29 July 1.15.1 29 July 1.15.1 20 July 1.15.1 21 July									- 1		
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Painting exterior surface with ACRYLIC SMMOTH exterior paints of required shades as per manufacture specification to give protective and decorative finish including cleaning washing of surface etc. complete with on new work (two or more coats applied @								04.400			4044.00
SMMOTH exterior paints of required shades as per manufacture specification to give protective and decorative finish including cleaning washing of surface etc. complete with on new work (two or more coats applied @			Same as item. Celling & inner		-			34.492	sqm.	52.5	1811.00
SMMOTH exterior paints of required shades as per manufacture specification to give protective and decorative finish including cleaning washing of surface etc. complete with on new work (two or more coats applied @					\square						
14.15.1 as per manufacture specification to give protective and decorative finish including cleaning washing of surface etc. complete with on new work (two or more coats applied @								1	t e	1	
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protective and decorative inins including cleaning washing of surface etc. complete with on new work (two or more coats applied @ 1.00	22	14 15 1									
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National State Nati			with a piece of cloth lightly soaked in								
Outer				l							
Making 50mm thick plinth protection of plain cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed stone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth. Outer 4 3 - 1.5 18 Providing wood work in frames of doors, Window s, clerestory windows and other frames wrought framed and fixed in position. Teak Wood D1 1.00 5.80 0.08 0.15 0.06525				4.00	3.00	0.20	T -	2.4			
Making 50mm thick plinth protection of plain cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed stone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth. Outer 4 3 - 1.5 18 Total 18 sqm 273 4914.0 Providing wood work in frames of doors, Window s, clerestory windows and other frames wrought framed and fixed in position. Teak Wood D1 1.00 5.80 0.08 0.15 0.06525							Total		som	93.5	224 0
cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed stone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth. Outer 4 3 - 1.5 18 Total 18 sqm 273 4914.0 Providing wood work in frames of doors, Window s, clerestory windows and other frames wrought framed and fixed in position. Teak Wood D1 1.00 5.80 0.08 0.15 0.06525							T		-4	33.3	227.00
cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed stone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth. Outer 4 3 - 1.5 18 Total 18 sqm 273 4914.00 Providing wood work in frames of doors, Window s, clerestory windows and other frames wrought framed and fixed in position. Teak Wood D1 1.00 5.80 0.08 0.15 0.06525	-		Making 50mm thick plinth protection of plain	 			 				
sand : 6 graded crushed stone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth. Outer											
25 3.16 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth. Outer 4 3 - 1.5 18 Total 18 sqm 273 4914.0 Providing wood work in frames of doors, Window s, clerestory windows and other frames wrought framed and fixed in position. Teak Wood D1 1.00 5.80 0.08 0.15 0.06525				l					l		
brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth. Outer 4 3 - 1.5 18 Total 18 sqm 273 4914.0 Providing wood work in frames of doors, Window s, clerestory windows and other frames wrought framed and fixed in position. Teak Wood D1 1.00 5.80 0.08 0.15 0.06525									1		
and consolidated and grouted with sand including finishing the top smooth. Outer 4 3 - 1.5 18 Total 18 sqm 273 4914.0 Providing wood work in frames of doors, Window s, clerestory windows and other frames wrought framed and fixed in position. Teak Wood D1 1.00 5.80 0.08 0.15 0.06525	25	3.16					1		l		
Including finishing the top smooth.				l				l	l		
Outer				l				ł	1		
25 8.1.1 Providing wood work in frames of doors, Window s, clerestory windows and other frames wrought framed and fixed in position. Teak Wood D1 1.00 5.80 0.08 0.15 0.06525								ļ			
Providing wood work in frames of doors, Window s, clerestory windows and other frames wrought framed and fixed in position. Teak Wood D1 1.00 5.80 0.08 0.15 0.06525			Outer	4	3	-	1.5				
25 8.1.1 Providing wood work in frames of doors, Window s, clerestory windows and other frames wrought framed and fixed in position. Teak Wood D1 1.00 5.80 0.08 0.15 0.06525							Total	18	sqm	273	4914.0
25 8.1.1 doors,Window s,clerestory windows and other frames wrought framed and fixed in position. Teak Wood D1 1.00 5.80 0.08 0.15 0.06525								1			
25 8.1.1 doors,Window s,clerestory windows and other frames wrought framed and fixed in position. Teak Wood D1 1.00 5.80 0.08 0.15 0.06525			Providing wood work in frames of								
8.1.1 other frames wrought framed and fixed in position. Teak Wood D1 1.00 5.80 0.08 0.15 0.06525				1			1	1		ł I	
position.	25	8.1.1						1	1		
Teak Wood 1.00 5.80 0.08 0.15 0.06525							1	1	1		
D1 1.00 5.80 0.08 0.15 0.06525				 	 		+	 	 		
				1.00	5 00	0.00	0.45	0.00525	-	 	
Total 0.06525 cum. 114758 7488.0			DI	1.00	0.80	0.08				461777	7:00
					-	ļ	Lotal	0.06525	cum.	114/58	7488.0
				<u> </u>		l		1			

7										
	T		\top							
26	8.6.1	Providing and fixing 40mm thick paneled or glazed or paneled and glazed shutter frame for doors excluding hinges and paneling. (Area of shutter to be measured without deducting paneling area) Teak wood	s							
		D1	1 1	1.0	2.40		2.4	sqm.	2906	6974.00
27	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or roun bars welded to steel frame of windows etc. including applying a priming of red oxide zinc chromate primer.								
	-	W	2			1.50			 	
	-	V	2	0.90		0.60				
							5.58	sqm.	ļ	
			-	-		20 kg /sqm		KG.	67.5	7533.00
28	8.62.2	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete: 200x10 mm								
		D1	1	2.00	-	-	2.00			
	1					Total	2.00	each	231	462.00
	-				,					
29	8.65.1	Providing and fixing bright finished brass door handles with brass polished MS screws complete: 125 mm								
		D1	1	4.00	-	-	4.00			
						Total	4.00	each	55.5	222.00
30	8.80.2	Providing and fixing Anitque/S.S. finished brass door latch with necessary Antique/S.S. POlished MS screws complete: 300 x16x5 mm								
		D1	1	1.00	-	-	1.00			
					•	Total	1.00	each	280	280.00
31	8.73	Providing and fixing 150mm Antique/S.S. finished brass floor door stoppers with rubber cushion and antique/ S.S. Polished MS screws to suit thickness of shutters thickness.	1	2.00			200			
-				2.00	-	Total	2.00	oach	77.50	455.00
			-	-		iolai	2.00	each	77.50	155.00
32	9.37	Providing and fixing M.S. fan clamp/ hook for ceiling fan made out of 16 mm dia M.S. bar bent to shape with hooked ends in R.C.C. slabs, beams during laying including painting the exposed portion of loop.		4.00						
		Building	_1_	1.00		 -:-	1.00			
						Total	1.00	each	97.00	97.00
33	9.34	Providing and fixing stainless wire gauge of average width of aperture 1.56mm with wire of 0.35mm to existing steel door, window shutter frames with necessary M.S. strip beading etc. complete.								
		N	2	1.50	1.50	-	4.5			
		V1	2	0.90	0.60	-	1.08			
						Total	5.58	sqm.	791	4414.00
			- 1			1	1		1	



9		Th. 10 161								
34	9.47	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing and panelling to be paid for separately								
-	9.47.1	For Fixed Portion	-	-						
<u> </u>	9.47.1	W	-	0.00		-	0.00			
-	-	V1	1	6.00	-	ļ -	6.00	-		
-	-	VI	1	3.00	2 10 kg V	-	9.00	matar		
-			_	├	2.10 kg X	-	18.90	meter kg	331	6256.00
	_		 			-	10.50	1,9	331	0230.00
35	9.49	Extra for Polyester powder coated (minimum 50 micron) aluminium sections instead of anodized.								
		same as item of alumunium fixed and shutter.					18.9	kg	34.5	652.00
36	9.53	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both side having 12 mm air gap including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. complete.								
		W	1	1.50		1.50	2.25			
	<u> </u>	V1	1	0.90		0.60	0.54			
						Total	2.79	sqm.	3159	8814.00
37	11.41	Providing and fixing chicken mesh weighting not less than 250 gms/ sqm as per IS: specification in the required width with 40mm long steel nails on vertical and horizontal surface near R.C.C. and brick walls junctions including scaffolding and all lead and lifts etc. complete before plastering upto 10mts in height.		3.00		100	10.00			
	-	200 mm th. wall	4	3.00	-	1.00	12.00			
	 					Total	12.00	sqm	86	1032.00
38	12.4	15mm thick Marble stone tile flooring over 18mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including grinding rubbing and polishing etc. complete. (Area of tile should be 0.18 sqm and above)								
		Udaipur green marble								
	 	PLATFORMS	1	3.00	0.60		1.80			
						Total	1.80	sqm	851	1532.00
	, ,						1		1	



				BIANG 2	AND THE PARTY.	THE WAR	INTERNATION OF THE PARTY OF THE	In the last trans	Total	191593,2
15 167 but	PACHUETZI	Adding 9% Elec	trifica	tion R	s.	MALE CONT.	WINDS TO	LC MAYOR	MOLTON PARK I	15819.6
		The same of the sa	5.2			I I I I I I I I I I I I I I I I I I I	亚生产	Sqiii.	656 Total	1574.0 175773.6
100	THE PERSON					Total	2.40	sgm.	050	
		DI	1	1.00	_	2.40	2.40	-	-	
41	14.28	smooth with sand papers, preparation of surface, applying 5 to 10 coats of french sprit polish, applying two coats of PU sealer and finally applying two coats of PU clear as per manufacturers specifications complete:								
		Providing and laying PU polish on new wood work (two or more coats) with spray machine after preparing surface by rubbing down								
				\vdash		Total	2.79	sqm.	47	131.0
			1	0.90		0.60	0.54			
		V	1	1.50		1.50	2.25	1		
		w						-	-	
		enamel panits.								
40	14.22.2	Painting on new work (two or more coats) to give an even shade with premium synthetic		 		+				.0000.
	-	Painting		\vdash		Total	9.00	sqm.	1151	10359.
				3.00	3.00		9.00			
39	12.13.1	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: (Size 600x600mm)	1	3.00						

Aug and

All



DETAILED ESTIMATE FOR DEVELOPMENT OF KATHAL GARDEN NAGAR PALIKA NIGAM KORBA (C.G.) "ENTRANCE GATE" AMOUNT UNIT RATE QTY. В H/D **PARTICULARS** NO. S.No. (in Rs.) (in Rs.) Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. 18.52 2.10 2.10 2 10 2 24.19 2.10 F 2 2.40 2 40 CUM 185.00 7902.09 42.71 Extra for every additional lift of 1.5M or part there of 1.6.1 All types of soil (BUILDING SOR ITEM NO.-1.6.1/10) 2.10 2.10 0.60 5.29 0.60 6.91 2 2.40 F2 323.41 12.20 CUM 26.50 Carriage by mechanical transport upto 5 km lead: 3 1.26.1 Earth (BUILDING SOR ITEM NO.-1.26/12) 30.82 CUM 111.00 3421.02 Item No. (1.1.1) - Item No.(1.17) Extra rate for quantity of work executed in or under water and/ or liquid mud including pumping out water
(BUILDING SOR ITEM NO.-1.7/10) 25.63 CUM 51.00 1307.05 60 % of excavation Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M (BUILDING SOR ITEM NO.1.17/11) 2.10 2.10 2.10 18.52 2 2.10 24.19 F2 2.40 2.40 2 -15.07 Deduction-pcc,footing,column up to GL CUM 1797.19 27.65 65.00 Providing and filling in plinth with sand Icrusher 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 NO.-1.18/11) 0.15 F1 2 2.10 2.10 1.32 F2 2 2.40 2.40 0.15 1.73 3.05 CUM 371.00 1131.92 Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at

2

F2 2

2.10

2.40

2.10

2.40

0.10

0.10

0.88 1.15

2.03

CUM

2970.00

6040.98

around 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)

			A	
1		A		
	A			
		San	1	

8	Providing and laying nominal mix reinforced cement concrete					,			-
	will trustied signe additions using concrete mines in all		1			1	- 1	1	
	partor level excluding cost of form work		1			l			l
	1:1%:3 (1 cerrent : 1% coarse sand : 3 graded stone aggregate	- 1				i	- 1	1	1
	20mm nominal size)	1				1	- 1	1	1
	(BUILDING SOR ITEM NO 3.2/23)								
	Footing-								
	F1	2	1.80	1.80	0.60	3.89			
	F2	2	2.10	2.10	0.60	5.29			
	Column upto Ground level						-		
	C1	2	0.30	0.30	1.60	0.29			
	C2-	2	0.40	0.40	1.60	0.51			
		-	0.40	0.40					
					(A)	9.98			
	C1	2	0.30	0.30	2.40	0.43			
	C2- ARCH WALL UPTO TOP	2	0.40	0.30	4.00	0.96			
	slab on top	2	5.00	1.20	0.15	1.80			
		-			(B)	3.19			
		-			(A+B)	13.17	CUM	4163.00	
-					(A+D)	13.17	Cum	4183.00	54835.04
9	Extra for laying PCC/RCC of any grade in superstructure								
	above plinth level for every floor or part thereof in addition to								
	rate for foundation and plinth:								1
	(BUILDING SOR, ITEM NO3.4/23)								
						23.84	CUM	97.50	2324.40
						20.54	30	37.50	
10	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:	6							
	Thermo-Mechanically treated bars FE 415							1	
	(BUILDING SOR, ITEM NO3.12.1/24)								
			Quantity	as per ite	em 3.2	13.17			
			120	-1					
			1208	g/cum	,	1580.64	KG	54.50	86144.88
					L				
11	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	Foundations, footings, bases of columns plinth beam, curtain				 				
	wall in any shape and size and all type of wall below plinth level.								
	(BUILDING SOR ITEM NO 2.1.1/16)				 				
	Footing		-		 				
	F1	2x2	1.80	-	0.60	4.32	-		
			-						
		2x2		1.80	0.60	4.32			
	F2	252	3.00	-	0.60	7.20			
		2x2		3.00	0.60	7.20			
-	Column upto Ground level		1		1	1			
	C1	2x2	0.30	 -	1.60	1.92	-		
		2x2	-	0.30	1.60	1.92			
			<u> </u>	V.30			1		
	C2- ARCH WALL UPTO TOP	2x2	5.00	1	1.60	32.00			-
		2x2	-	1.20	1.60	7.68			
					1	64.54	SQ.M	139.00	5251.84
	2.1.12 Arches, domes and likes, exceeding 6 M. span	-	1	1	1	1	 		
	(BUILDING SOR ITEM NO 2.1.12/17)	-	-	 	+	1	-	-	
-	C2- ARCH WALL UPTO TOP	1X2	5.00		4.00	10.00	-		
	Late PAYLET PEALE CREATE INFO	LAC	2.00	I	1 4.50	40.00	1		
		-	-	-	-	-	-	-	
		1X2	5.00	·	4.00	40.00	SQ.M	490.00	71290.00

		,	
4			
2		-	
	18/10	y	•

RESEN.	Columns Billers Biors and III								
	Columns, Pillars, Piers and likes- rectangular or square in shape								
	(BUILDING SOR ITEM NO 2.1.5/16)	_		 	1		1		1
	Colunm upto Slab level				1		1	1	
	C1	2x2	0.30	-	2.40	2.88			
		2x2		0.30	2.40	2.88		-	
				0.50	2.40		l		
12	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. 9.3.1 Electric resistance or induction butt welded tubes Grade-300 (BUILDING SOR. ITEM NO9.3.2/80)					5.76	SQ.M	297.00	1710.
	MIS. PRIMAE STRUCTURE								
	/19 O ko/mts\ Tubular and		m		kg/m				
	(18.9 kg/mtr) Tubular arch post each corner - 150 NB-	4	10.00	-	18.90	756.00			
	(5.03 kg/mtr) Tie Member - 50 NB-			m					
	1.36*2+1.2*2=5.12m each round at avery .50 m		10	5.12	5.03	257.54			
	(Extra For Gusset, base plate, Wind Ties, Washer ,bolting connection etc)					200.00			
	ENTRANCE M.S. GATE-								
		1	6.00	-	2.40	504.00			
	(35kg/ sqm 14.10x2.40x35=1184.40 kg)								
						1717.54	KG	93.50	160589.6
	多为是为他的。1955年的1950年第二年中世界中国中国中国中国中国中国中国中国中国中国中国中国中国中国中国中国中国中国中				No. 2016			Total	407980.1

Assistant Engineer, Municipal Corporation, KORBA (Chhattisgarh)



		" OPEN GYI	VI AF	₹E	<u>A''</u>					
S. No.	S.O.R No.	PARTICULARS	NO.	LT	В	H/D	QTY	UNIT	RATE	AMOUNT
1		Excavation for all types and sizes of foundations, Trenches and drains or for any other purpose Including disposal of excavated stuff upto 1.5m lift and lead upto 50m including dressing and leveling of pits,								
	1.1.1	in all types of soil								
		Open Gym Area	10	2	1.5	0.2	6	CUM	185	333
							18			
2	4.	Disintegrated rock i.e moorum having CBR value not less than 20 and P.I. and L.L. not more than 6 and 20 respectively. (For Village 1 roads only)								
		Open Gym Area	10	2	1.5	0.3	9	CUM	460	1242
						-	27			
3	3.	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.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).							,	
		Open Gym Area	10	2	1,5	0.1	_	CUM	2970	2673
	-	D ::		_			9			
4	3	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth .2 level excluding cost of form work.								
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
1		Open Gym Area	10	2	1.5	0.1		CUM	4163	12489

Assistant Sugineer, Municipal Corporation, KORBA (Chhattisgarh)

TOTAL-A

54969.00



DETAILED ESTIMATE FOR DEVELOPMENT OF KATHAL GARDEN NAGAR PALIK NIGAM KORBA (C.G.)

DETAILED ESTIMATE

			EN YO		REA				
S.No.	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
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.								
	In all types of soils								
	(BUILDING SOR. ITEM NO 1.1.1/9)								
	C1-	8	1.30	1.30	1.50	20.28			
						20.28	CUM	185.00	3751.80
2	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.								
	(BUILDING SOR. ITEM NO 1.18/11)								
	total excpcc-rcc up to ground level		20.28	6.83	2.32	11.13			
	stage	1	4.00	12.00	0.90	43.20			
						54.33	CUM	371.00	20157.17
3	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of from work. 3.1.3 1:3:6(1 cement: 3 coarse sand: 6 graded stone aggregate 40mm nominal size)								
	(BUILDING SOR. ITEM NO								
	3.1.3/23) C1-	0	1.20	1.00					
	Stage	8	1.30 4.00	1.30	0.15	2.03			
				12.00	0.10	4.80 6.83	CUM	2970.00	20270
						5.55	20111	27 TU.UU	20279.16



231									7
T 4	Providing and laying nominal mix		1			1		1	1
	reinforced cement concrete with		1					1	1
1	crushed graded stone aggregate		1	1		1	1		
1	20mm nominal size using batching				1	1		1	
			1	1	1	1	1	I	
	plant, transit mixer and concrete			1	1	1	1		
	pump, in all works upto plinth level		1			1	1		
1	excluding cost of form work.		1	1	l	1	1		
1	3.2.1 1:1½:3 (1 cement : 1½ coarse		1			1			1
1	sand : 3 graded stone aggregate		1			1	1		
1			1	1	1	1		1	1
	20mm nominal size).							-	
1	(BUILDING SOR. ITEM NO		i	1	1	1	1		
	3.2.1/23)]]			
	Column footing								
	C1-	8	1.00	1.00	0.20	1.60)		
			1111	1111	11.21				1
-	Column upto Ground level -		 	 	 				
	+	0	0.20	0.20	1.00	0.72	,		
	C1-	8	0.30	0.30	1.00	0.72			
	Column upto Top level -			ļ			-		ļ
	C1-	8	0.30	0.30	0.90	0.65			
	Ground Beam								
		2	32.00	0.30	0.30	5.76			
	steps around stage		102.00	3.00	1 412 4				
-	2x3x2	12	10.00	0.30	0.15	5.40			
	2X3X2								
		12	4.00	0.30	0.15	1.08			
	STAGE FLORING	1	4.00	12.00	0.15	7.20	-	11.62.00	02204.50
						22.41	CUM	4163.00	93284.50
5	Extra for laying PCC/RCC of any								
	grade in superstructure above plinth							1 1	
1	level for every floor or part therof in					1			
	addition to						1		
	rate for foundation and plinth:						l		
						22.41	CUM	97.50	2184.78
	(BUILDING SOR. ITEM NO					22.41	COM	91.50	2104.70
	3.2.1/23)								
6	Providing and placing in position								1
1	reinforcement for R.C.C. work				1				
	including straightening, cutting								l
1	bending binding etc. complete as per								
	drawings including cost of binding								
	urawings including cost of binding								
	wire in foundation and plinth all								
	complete:								
	3.12.1 Thermo-mechanically treated								
	bars FE 415								
	(BUILDING SOR ITEM NO		Qty. a	s per it	em No.	22.41			
	3.12.1/24)		4		_				
	J.12.1/27)			g/cum		2240.80	KG	54.50	122123.60
			- 1 J J K						
1									

4			
-			
	A		The same of the sa
/		7	1

	1	Providing and fixing formwork								
		illiciuding centering shuttoning	1	1						
-		Strutting staging propping bracing	1		1		l l		1	
- 1		letc. complete and including its			- 1				1	
- 1		removal at all levels for:						-		
- 1		[2.1.1] Foundations footings bear				1				
- 1		columns plinth beam, curtain wall in	1	1	1				i	
- 1		any shape and size and all type of				- 1	1			
- 1		wall below plinth level.						1	1	1
٦		(BUILDING SOR ITEM NO2.1.1							1	ì
		/16)								
			-							
		Column unto Creat International	8x4	1.00		0.20	6.4			
		Column upto Ground level	-				0.7	<u> </u>	+	
		Column upto Ground level	_			1.00	9.6		-	
		Column upto Top level	8x4	0.30		0.90	8.6	_	-	-
\vdash		Ground Beam-	2	32.00		0.90				-
\vdash		steps around stage	12	10.00		0.15			-	
\vdash			12	4.00		0.15			-	
\vdash						0.13	7.2		-	
\vdash	_	p.i.i					82.24	SQM	139.00	11431.36
	8	Brick work with modular fly-ash lime			_	+		-		
		Dricks (FaLG Bricks) confirming to		1	1	1				
		18:12894-2002 of class designation						1		
		4.0 in foundation and plinth in							l	1
		7.5.4 Cement Mortar 1:6(1cement :								1
		6 sand)				1				
\perp				1						
		(BUILDING SOR. ITEM NO	2	22.00	-					
		7.5.4/45)	2	32.00	0.30	0.90	17.28	CUM	3263.00	56384.64
	9	Providing and laying damp proof								
		course (upto 50mm thick) with plain			1	l				
1		cement concrete 1:2:4 (1 cement :2		1	1	1				
1		coarse sand : 4 graded crushed stone								
		aggregate 20mm nominal size)								
		including								
		formwork.								
	_									
		(BUILDING SOR ITEM NO	2	32.00	0.30	0.05	0.96	CUM	4237.00	4067.52
		3.13/24)							/.00	7007.52
1	0	Droviding and and								
1	U	Providing and making 15mm thick		1						
		cement plaster on the rough side of		l		1				
		single or half brick wall of mix:								
		11.3.4 In Cement Mortar								
		1:6(1cement:6sand)						i		
	- 1	(BUILDING SOR. ITEM NO	\neg							
		11.3.4/103)								7
		Stage Outer Wall	1	32.00		0.90	20.00			
			-	22.00		0.90	28.80	5037	107.55	
		Stamp Concrete (Non SOR)	\dashv	_			28.80	SQM	107.00	3081.60
		,	\dashv							

12	Providing and applying 2mm thick					7141			
	ready mix exterior grade approved								
	make putty (like Birla wall care,					Action to the			
	Alltek Superfine W/R of (NCL),						8		
	Asian, ICI, Nerolac, J.K. wall putty)					1000			
	on walls to make the surface smooth					4.84			
	and even.					a =		i	
	As per Inner, outer & Ceiling					7			
	plastering-								
	(BUILDING SOR. ITEM NO					28.80	SQM	94.50	2721.60
	14.13/133)	qty s	same as	outer p	laster	20.00	SQM	74.50	2/21.00
				l l	aotoi		-		
13	Wall painting with acrylic luxury								
	emulsion (plastic) paint of required								
	shade to give an even shade.								
	14.11.1) On new work (Three or								
	more coats)							1	
	(BUILDING SOR. ITEM NO							-	
	14.11.1/133)							1	
	As per Inner & Ceiling plastering-		Qt	y.As Per	I	28.80	SQM	52.50	1512.00
14	Painting exterior surface with								
	ACRYLIC SMOOTH exterior paint								
	of required shade as per								
	manufacturer's specifications to give					E -0 1		1	
	protective and decorative finish								
	including cleaning washing of								
	surface etc. complete with:							1	
	14.15.1 On new work (Two or more							ĺ	
	coats applied @ 1.43 ltr/ 10 sqm over							1	
	and including priming coat of								
	exterior primer applied @ 2.20 kg/							1	
	10 sqm)								
	(BUILDING SOR. ITEM NO		Qt	y.As Pei	· I	28.80	SQM	56.00	1612.80
	14.15.1/133)		No	.14.13					0.0000000000000000000000000000000000000
		11/201	N. O. F.		OF THE SE		T	OTAL -A	342592.54
				- B. F. R				ASSESSMENT TO STEEL 1	with the little of the

Assistant Engineer, Municipal Corporation, KORBA (Chaptaisgarh)





		<u>"L/</u>	ANDSCAP	ING AND	HORT	CULTU	RE"			THE RESERVE THE PERSON NAMED IN
S.No.		PARTICULARS	NO.		B	H/D	QTY.	UNIT	RATE	AMOUNT (In
1	(BUILDING SOR. ITEM NO 22.2/204)	Suppling and stacking of good earth at site including royalty,loading,unloading and carriage upto 10km(earth measured in stacks will be reduced by 20% for payment)							(In Rs.)	Rs.)
			1	800.00	SQ.M	0.20	160.00	CUM	201.00	32160.0
2	SOR, ITEM NO	Providing and Planting following herbs in garden including preparation of soil,base plantation, providing and spreading different fertilizers soil and sand.								
		22.25.4 Carpet Grass(Well developed) (50% of Area)	1	400.00	SQ.M		400.00	SQM	263.00	105200.00
FLEX	ASSESSED.		225 / 125	N. M. S. M.	STATE		CONTRACT		Total A	137360.00

Assistant Engineer, Municipal Corporation, KORBA (Chhattisgarh)

DETAILED ESTIMATE FOR DEVELOPMENT OF KATHAL GARDEN NAGAR PALIK NIGAM KORBA (C.G.)

		I	'A'	TH	WA'	Y					
S. No.	SOR Item No.	Description of items	N	lo	L	В	Н/І	Qty.	Uni	it Rate	Amoun
1	2	3	1	1	5	6	7	8.0	9	10.0	11
î	1.1	Excavation for all types and sizes of	T						- 1	1	1
		foundations, trenches and drains or for any							ı		ŀ
		other purpose including disposal of	1	- 1			1	1			
		excavated stuff upto 1.5 m lift and lead upto	0	1		ı	1	1			-
		50m (at least 5m away from the excavated				1	1		1		1
		area), including dressing and leveling of							- 1		1
		pits.				_					
	1.1.1	In all types of soils.	\perp				<u> </u>				
		Pathway outer	1		50.00	2.50				<u> </u>	
		Pathway inner	1	2.5	50.00	2.00				105.0	60125.00
			4	\perp		T	otal	325.0	cum	185.0	00125.00
			+-	+			-		+	 	
2	1.18	Providing and filling in plinth with sand/									1
		Crusher dust and hard moorum under floor					l				1
		in layers not exceeding 20cm in depth consolidating each deposited layer by					1				
		ramming and watering, including dressing	1						1		
		etc. complete.	1						1		
		Pathway outer	1	45	0.00	2.10	0.10	94.5			
_		Pathway inner	1	_	0.00	1.60	0.10	40.0			
_		l adiway line:	<u> </u>	1			tal	134.5	cum	371.0	49900.00
	3.1.3	Providing and laying nominal mix cement	Т								
	01210	concrete with crushed stone aggregate using	1	1							
		concrete mixer in all works upto plinth level		1							
		excluding cost of form wrok. 1:3:6 (1		1							1
		cement: 3 coarse sand: 6 graded stone									
		aggregate 40 mmnominal size.									
		Base PCC		\vdash		\neg	\neg				
		Pathway outer	1	450		2.50	0.1	94.5			
		Pathway inner	1	250	2	2.00	0.1	40.0	$oxed{oxed}$		
		•					\rightarrow	134.5	Cum	2970.0	399465.00
		THE REPORT OF THE PARTY ACTIONS		-	-+		-+				
	7.5.4	Brick work with modular FLY ASH lime		l							
- 1		bricks (Falg brick) confirming to ISI 12894:2002 of class designation 40 in									
- 1		foundation and plinth in:									
- 1		Cement Mortar 1:6 (1 Cement : 6 Coarse				- 1					
		Sand)		1					1 1		
\neg			2	450	0	0.2	0.2	36.0			
7		Pathway inner	2	250	0	.2	0.2	20.0			
\dashv	11.3.4	Providing and making 15 mm thick cement						56.0	Cum	3263.0	182728.00
- 1		plaster on the rough side of single or half					- 1		1 1		
		brick wall of mix							\sqcup		
		In cement Mortar 1:6 (1 cement : 6 fine					- 1				
4		sand)	-	450			-	100.0			
4				450 250			0.2	180.0	 		
+		Pathway inner 2	-	230	\dashv	 	0.2	100.0 280.0	sam	107.0	29960.00
- 1		- 5	- 1		- 1	- 1	- 1	Z0U.U	sqm	107.0	29900.00

. 1	u Tarah	1570	
	1		
			A.S.
1			1

12.65	Providing & Javing 60mm thick precast	Т		_					
12.00	interlocking concrete blocks of approved	1		1	ł				
	size (approx 305 sqcm) and shape/ pattern	1			l	l			
		1	1		1		1		
		1	1						
		1	1						1
	1	l	1						1
		l							1
			ľ	_					
12.65.2									
	interlock concrete blocks								
	Pathway outer	1	450.00	2.50		1125.0			
	Pathway inner	1	250	2.00		40.0			
				То	tal	1165.0	sqm	632.0	736280.00
						market and a final control	1000000000	Cotol -	1458458.00
	12.65.2	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 12.65.2 Pigment Coloured (rubber mould) precast interlock concrete blocks Pathway outer	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 12.65.2 Pigment Coloured (rubber mould) precast interlock concrete blocks Pathway outer	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 12.65.2 Pigment Coloured (rubber mould) precast interlock concrete blocks Pathway outer 1 450.00	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 12.65.2 Pigment Coloured (rubber mould) precast interlock concrete blocks Pathway outer 1 450.00 2.50 Pathway inner 1 250 2.00	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 12.65.2 Pigment Coloured (rubber mould) precast interlock concrete blocks Pathway outer 1 450.00 2.50	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 12.65.2 Pigment Coloured (rubber mould) precast interlock concrete blocks Pathway outer 1 450.00 2.50 1125.0 Pathway inner 1 250 2.00 40.0	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 12.65.2 Pigment Coloured (rubber mould) precast interlock concrete blocks Pathway outer 1 450.00 2.50 1125.0 Pathway inner 1 250 2.00 40.0 Total 1165.0 sqm	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 12.65.2 Pigment Coloured (rubber mould) precast interlock concrete blocks Pathway outer 1 450.00 2.50 1125.0 Pathway inner 1 250 2.00 40.0

Assistant Engineer, Municipal Corporation, KORBA (Chhattisgarh)

CTAILED ESTIMATE FOR DEVELOPMENT OF KATHAL GARDEN NAGAR PALIKA NIGAM KORBA (C.G.)

	5.O.R	Descrpition of Item CONSTRUCTION OF BOU	NDRY	WALL						
No.	2		No.	L.	В.	P.H.	Qty.	UNIT	Rate	Amount
		Boundry wall LEFT AND RIGHT SIDE length- METERS	4	5	6	7	8	9	10	11.00
		Column c/c - 5.0	_	305	+			-		
		Excavation in all types and sizes of foundations trenches and drains or for any			-					
	1	purpose including disposal of excavated stuff upto 1.50 m lift and lead upto 50			1	1 1		1		
l		m (at least 5 m away from the excavated area), including dressing and	61		1	1 1		1		
	1.1.1	levelling of pits				1 1				
		For Column								
_		For Expansion Joint Column	61	1.2	1.2	1.2	105.41			
	-	To Equision John Column								
	-		5	1.2	1.2	1.2	8.64			
							114.05	CUM	185	21098.88
	+	Dilling Co. T.M.			1					
		Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides	1	İ	1	l i			1	
2		of foundation etc. in layers not exceeding 20cm in depth consolidating each			1	1 1		1		
	1.17	deposited layer by ramming and watering with a lead upto 50 M. and lift upto	1	1	1	1 1		1		
	1.17	15 M								
	-	For Column	61	1.2	1.2	0.1	8.78			
-	-	For Expansion Joint Column	5	1.2	1.2	0.1	0.72			
	+						9.50	CUM	65	617.76
	+						-			
		Providing and laying nominal mix cement concrete with crushed stone			1	I T				
3	1	aggregate using concrete mixer in all works upto plinth level excluding cost of	l	1						
	1	form wrok. 1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40	1							
	3.1.3									
	-	For Column	61	1.2	1.2	0.1	8.78			
	-	For Expansion Joint Column	5	1.2	1.2	0.1	0.72			
	-						9.50	CUM	2970	28226.88
	+									
17-	1	Providing and laying nominal mix reinforced cement concrete with crushed								
4	1	stone aggregate using concrete mixer in all works upto plinth level Excluding	1							
	3.2	cost of form work.	1							
	1	1:11/2:3 (1 cement : 11/2 coarse sand : 3 graded stone aggregate 20mm nominal								
	3.2.1	size).				1				
		Footing	61	1.1	1.1	0.35	25.83			
		For Expansion Joint Column	5	1.1	1.1	0.35	2.12			
		Coloum R.C.C. upto G.L.	66	0.2	0.3	0.65	2.57			
		Plinth Beam	1	305	0.2	0.3	18.30	1		
		Column above ground level	66	0.2	0.3	2	7.92	_		
		Top Copping column	66	0.3	0.4	0.2	1.58			
		Top Copping for wall	1	305	0.3	0.15	13.73	_		
					1.5	0.15	72.05	CUM	4163	299960.80
									1103	277700.80
		Providing and fixing formwork including centering, shuttering, strutting,								
5		staging, propping bracing etc. complete and including its removal at all levels								
	2.1	for	1							
	2.1.1	Foundations, footings, base of columns and plinth beam in any shape and size.								
		PCC	61	4.8		0.1	29.28			
		Footing	61	4.4		0.35	93.94	_		
		For Expansion Joint Column	5	4.4		0.35	7.70	_		
		Coloum R.C.C. upto G.L.	66	1		0.65	42.90	+		
		Plinth Beam	1	305	\vdash	0.03	244.00			
			r-		+-	9.8	417.82	5014	120	400=4
6	2.1.5	Columns, pillars, piers and likes- rectangular or square in shape			\vdash	\vdash	717.02	SQM	139	58076.98
		Column above ground level	61	1	+-	2	122.00	-		
	1	For Expansion Joint Column	5	1	+-	_	122.00	+		
	t	Top Copping column	66		+-	2	10.00	-		
	1	Top Copping for wall		610.6	+	0.2	18.48	-		
	 	1 or ordered for them	2	610.6	-	0.15	183.18			
_	+	Brick work with modular FLY ASH lime bricks (Falg brick) confirming to ISI		-	+	$\vdash \!$	333.66	SQM	297	99097.02
7	1	12894:2002 of class designation 40 in foundation and plinth in:			1			1		
′	7.5.4	Cement Mortar 1:6 (1 Cement : 6 Coarse Sand)	l	1	1			1		
_	7.5.4	brick work up to plinth beam	<u> </u>	<u> </u>	-					
	1	ones work up to pinior ocani	1	305	0.20	0.3	18.30			
_	 				-	$\vdash \vdash$	18.30	CUM	3263	59712.90
	-	Brick work with modular FLV ASH lime being (Established)	_		-	1		1		
8	1	Brick work with modular FLY ASH lime bricks (Falg brick) confirming to ISI		1	1			1		
0	754	12894:2002 of class designation 40 in foundation and plinth in:	l	1	1			1		
	7.5.4	Cement Mortar 1:6 (1 Cement : 6 Coarse Sand)								
_	-	brick work	l	305	0.20	0.6	36.60		A	
	-	for room	1	10	5.00	2.8	140.00			
	-									
_	-						176.60	CUM	3263	576245.8
								T		
		Extra for brick work in superstructure above plinth level for every floor or part			T					
	7.6	thereof in addition to rate for foundation and plinth:			1	l l				
		brick work			\top		176.60	1		
	1				1		176.60	CUM	121	21368.60
							. , 0.00			

0.00									
	oviding and filling in plants with sandi Crisher that and hard moorum under	į	1	i	1		i	ī	
CANCEL CONTRACT OF	and the state of t	-	-	- 1			1		- 1
77.34	comming and watering, including freshing at complete.	- 1		1	-	1			
		į.	1		ĺ	114.05			
1 1/2		9		Ì	1	-9.50			
THE STATE	Liverney	1	1		1	-9.50		-	
	Southern uppo G.L.	- 9	-	!		-23.72			
1 1		- 1				-7.92	~~!		
8 9		- 1				63.40	CUM	371	23522.88
3-2	roviding and laying tamp proof course (upto 55mm tinck) with plans cement				}				
in co	morete 12.4 (1 cement 2 course sand 4 graded crushed mone aggregate	-	1		- 1	1	1		- 1
3 13 27	from seminal time) including form work.	- 1		- 1	1			- 1	1
1		1 1	305	021	0.1	6.10	CUM	4237	25845.70
1 1		- 1		1			-	-7427	
3	transling and placing position reinforcement for R.C.C work including	-	i	1	1				
11 3.12.4 m	transferentia, cutting, bending, bending etc. complete as per drawings including	-			- 1	1	- 1		
b	out of building were all complete	- 8		I					
-	Termo Mechanically treated bars	1							
l je	aking 90 kg/cum of R.C.C	1 1	/Cka/cum		1	5043.78	KG	54.5	274386.01
1 1				_		1			
	Providing and making 12 mm thick cement planer of mix.								
	is Cement Mortar 1.5 (1 cement - 6 fine sand)						!		
	vall	1	305		06	183.00			
	Alument.	66	1		14	92 40	5011	01.5	25100 10
						275.40	SQM	91.5	25199.10
	Providing and making 15 mm thick cement planter on the rough side of single or		1	- 1	1		ı	1	
1134 9	half brick wall of mrx							-	
	is cement Mortar 1.6 (1 cement : 6 fine sand)		204		0.6	183.00		-	
	wall Top Copping exhamn	66	305		0.2	18.48			
	Log Copping Column	56	1.4	-	0.2	201.48	SQM	107	21558.36
	Making grove in cement planter while plantering upto 10 mm deep and 10 mm			-	-	241.49	54.01		2.5555
14 1	vice wide				1			1	
	พาที	1	305	-	-	305.00	Rmt	1.3	396.50
				_					
15	Providing and fixing in position impregnated fibre board confirming to IS: 1838			- 1	- 1	1			
	in expansion joints, including cost of primer, sealing compound all complete.								
	25mm thick	5		0.3	2	3.00	SQM	768	2304.00
	Painting exterior surface with TEXTURED exterior paints of required shades as			1	- 1	1		1	
	per manufacture apecification to give protective and decorative finish including				- 1	1		1	
10	cleaning washing of surface etc. complete with				- 1				
14.17.1							-		
	On new work (two or more costs applied @ 3 28hr/10 sqm over and including					476.88		1 1	
	priming cost of exterior primer applied @ 2.20 kg/10 sqm)	_				476.88	SQM	140	66763.20
						470.88	SQM	140	00703.20
\longrightarrow		_							
	GRILL FOR BOUNDARY WALL	-						_	
1 1	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	1							
1	or round tars wesded to steet trame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including		1						
1 11	printing cost wested to transe with all necessary thing complete mendaning applying a printing of red oxide zinc chromate printer.		l				1		
9.15	applying a printing of tot oxide zine on onlare printer.	1.00	305.00		1.20	366.00			
\longrightarrow		1.00	303.00	 	1.20	366.00			
		├		<u> </u>				_	205200
		-	16 KG/SQ	M		5856.00	KG	67.50	395280.
				-					
2 14.22 5	Painting on new work (two or more coats) to give an even shade with	-		-	-			+	
	Satin synthetic enamel paint	-		-	-	-		-	
1,	wurdry wall grill	2.00	305.00	1	1.20		+	-	
						732.00			
						732.00	Sqm	55	40260
	supply and fixing of precoated galvanized iron profile sheets (size, shape			1			1		
	and outch of corrupation as approved by Engineer-in-charge) 0.50 mm +/-	1	1	1	1		1		1
1 1	5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in	1		1	1			1	
1 12	240mma steel grade, 5-7 microns epoxy primer on both side of the sheet		ľ			1	1		1
,	and polyester top cost 15-18 microns. Sheet should have protective guard	1	1	1	1	1	1		1
1 1	film of 25 microns minimum to avoid scratches while transportation and	1	1	1		1		1	1
1 1	should be supplied in single length upto 12 metre or as desired by		1	1		1	1		1
1 1	Engineer-in-charge. The sheet shall be fixed using self drilling /self	1	1	1		1	1		1
1 1	tanoing acrews of size (5.5x 55mm) with EPDM seal or with polymer		1	1	1	1	1		1
1 /	coated 1 or 1, hooks, bolts and nuts 8mm diameter with bitumen and G.I.		1	1		1	1	1	1
1 1	limpet washers or with G.I. limpet washers filled with white lead complete		1				1	1	
1 1,	any pitch in horizontal/ vertical or curved surfaces excluding the cost		1		1			1	
	of purlins, rafters and trusses and including cutting to size and shape	1			1				1
	wherever required.			_	-	 			1500
			1	5	5	25.0	0 sqm	63	1590
		1	1	1			\bot		+
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