

कार्यालय नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. / 252,253, ,254, 255,256 / दर्री जोन / 2018-19 /

कोरबा दिनांक 07.01.2019

कितिय निविदा आमंत्रण सूचना

लोक निर्माण विभाग द्वारा एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित निर्माण कार्य हेतु प्रमुख अभियंता लोक निर्माण विभाग **(भवन),** रायपुर द्वारा 01.01.2015 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के

साथ) कम अधिक या समान दरों पर दरों पर मैनुअल/ऑन लाईन निविदा वेब साईड से डाउनलोड कर ऑमंत्रित की जाती है।

क.	कार्य का नाम	प्राक्कलन राशि	धरोहर राशि	निविदा प्रपत्र का मूल्य	कार्यावधि	ठेकेदार का वर्ग	निविदा प्रपत्र प्राप्त करने हेतु आवेदन जमा करने की अंतिम तिथि	निविदा प्रपत्र प्राप्त करने की अंतिम तिथि	निविदा खुलने की तिथि
1	वार्ड क्र .47 जमनीपाली अंतर्गत इंदिरा नगर बुग्गुपारा में सी.सी.रोड़ का मरम्मत कार्य। (मरम्मत एवं संधारण मद)	3,86,000/-	4,000/-	750/-	02 माह	वर्ग "डी" एवं उपर की श्रेणी	21.01.19	24.01.19	30.01.19
2	वार्ड क्र. 43 अंतर्गत कल्मीडुग्गु में कलवर्ट का निर्माण कार्य। (मरम्मत एवं संघारण मद)	4,29,000/-	5,000/-	750/-	03 माह	वर्ग "डी" एवं उपर की श्रेणी	21.01.19	24.01.19	30.01.19
3	वार्ड क्र. 55 बल्गी में मैदान समीप शेड़ निर्माण कार्य। (निगम मद 2018—19)	4,67,000/-	5,000/-	750/-	03 माह	वर्ग "डी" एवं उपर की श्रेणी	21.01.19	24.01.19	30.01.19
4	वार्ड क्र. 51 अंतर्गत सरदार वल्लम भाई पटेल नगम में सीवर लाईन एवं चैम्बर का निर्माण कार्य। (मरम्मत एवं संधारण मद)	3,87,000/-	4,000/-	750/-	02 माह	वर्ग "डी" एवं उपर की श्रेणी	21.01.19	24.01.19	30.01.19
5	वार्ड क्र. 53 अंतर्गत टांगामार स्थित प्रायमरी एवं मिडिल स्कुल का मरम्मत कार्य। (मरम्मत एवं संधारण मद)	3,91,000/-	4,000/-	750/-	02 माह	वर्ग "डी" एवं उपर की श्रेणी	21.01.19	24.01.19	30.01.19

शर्ते

1. निविदा दरें प्रचलित सी.एस.आर. से कम या अधिक प्रतिशत दरों पर दिया जावें, सी.एस.आर. के अंतर्गत के आईटमो पर पृथक से आईटम दरों

का उल्लेख करने पर निविदा निरस्त मानी जावेगी।

2. निविदा प्रपत्र की प्रतियाँ नगर पालिक निगम, साकेत भवन रामपुर कोरबा कार्यालय से उपरोक्त कार्य हेतु नाम के सम्मुख अंकित राशि नगद जमा कर उपर लिखे तिथि को साँय 5.30 बजे तक अवकाश के दिन को छोड़कर प्राप्त की जा सकती है। यदि निविदा प्रपत्र डाक द्वारा मेंगाना हो तो रू. 50.00 अधिक भेजने होगे तथा निविदा समय पर मिलेने या न मिलने की जिम्मेदारी इस कार्यालय की नहीं होगी। साथ ही निविदा प्रपत्र निगम के वेब साईड से डाउनलोड करने पर निविदा प्रपत्र के साथ में (अ) धरोहर राशि एवं निविदा प्रपत्र शुल्क (ब) अर्हता संबंधित समस्त दस्तावेज एवं (स) निविदा प्रपत्र के साथ प्रस्तुत दर—तीन पृथक— पृथक लिफाफे में दी जावें, शुल्क एवं दस्तावेज परीक्षण उपरांत सही पाये जाने पर ही निविदा दर खोली जावेगी।

3. निविदा प्रपत्र केवल स्पीड पोस्ट अथवा पंजीकृत डाक के माध्यम से ही स्वीकार किये जावेगे। निर्धारित तिथि को सॉय 3.00 बजे के पश्चात

प्राप्त निविदाओ पर विचार नहीं किया जावेगा।

4. जिन ठेकेदारो द्वारा नगर पालिक निगम (साडा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर पालिक

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

5. निविदा प्रपत्र प्राप्त करने के इच्छुक ठेकेदारों को आवेदन के साथ उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनर शीप डीड) की सत्य प्रतिलिपि, पूर्व में इस प्रकार के किये गये कार्यों की प्रमाणित सूची ,उपलब्ध तकनीकी अमले की जानकारी पिछले वित्तीय वर्ष का आयकर प्रमाण पत्र /पेन नम्बर एवं छत्तीसगढ़ वाणिज्यिकर पंजीयन प्रमाण पत्र एवं प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, अमानत राशि का एफ.डी.आर./टी.डी.आर/नगद जमा की रसीद एवं निविदा प्रपत्र वेब साईड से डाउनलोड करने पर निविदा प्रपत्र शुक्क के रूप में डिमांड ड्राफ्ट अथवा नगद जमा रसीद संलग्न करना अनिवार्य होगा, अन्यथा प्रस्तुत निविदा निरस्त मानी जावेगी।

6. निविदा प्रपत्र उन्ही ठेकेदारों को दिया जावेंगा जिन्हें इस प्रकार के कार्यों का अनुभव हो।

7. पूर्ण रूप से भरे निविदा प्रपत्र उपरोक्त तिथि को 15.00 बजे तक प्राप्त की जा सकती हैं। और उसी दिन 16.00 बजे ठेकेदारों एवं उनके प्रतिनिधि यदि वे उपस्थित होना चाहे तो उनके समक्ष खोली

8. सम्पूर्ण किये गये कार्यों के लिये 5 प्रतिशत सुरक्षा राशि रनिंग देयकों के साथ एवं 5 प्रतिशत पृथक से 03 वर्ष की गारंटी के लिये परफॉरर

सिक्युरिटी के रूप में रोकी जावेगी।

9 आवेदन के साथ रू 10.00 लाख या उससे अधिक लागत के निर्माण कार्यों की निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं शेवा शर्तों का विनमय) अधिनियम 1996 एवं तद्अंर्तगत निर्धारित नियमों के तहत पंजीयन करना आवश्यक होगा। तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।

10. निविदा उन्ही ठेकेदारों को प्रदाय किये जावेगें जो कि कर्मचारी भविष्यनिधि संगठन एव कर्मचारी राज्य बीमा निगम रायपुर से पंजीयन कराकर

कोड प्राप्त कर लिया हो अन्यथा निविदा प्रपत्र प्रदाय नही किया जावेगा।

- 11. ईट से संबंधित निर्माण कार्यो में फ्लाई एस ब्रिक्स का उपयोग किया जाना अनिवार्य होगा।
- 12. कार्य में उपयोग हेतु 43 ग्रेड ओ.पी.सी. सीमेन्ट की खरीदी ठेकेदारों को स्वयं करनी होगी। 13. निविदा प्रपन्न अहस्तान्तरणीय होगी एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।

्यदा दरें एस.ओ.आर.से असामान्य होने पर सफल निविदाकार से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफारमेन्स गारंटी के रूप में राष्ट्रीयकृत बैंक का एफ.डी.आर. पोस्ट ऑफिस का 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।

15 निविदा के संबंध में किसी भी प्रकार की विवाद होने की स्थिति में आयुक्त के द्वारा अधिनस्त अधिकारियों का निर्णय अंतिम एवं सर्वमान्य

होगा।

16. निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार नगर पालिक निगम,कोरबा के पास सुरक्षित रहेगा।

17. ठेकेदारों को उपरोक्त कार्य हेतु लगे श्रमिकों का भुगतान बैंक के माध्यम से किया जाना अनिवार्य होगा।

18. निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में किये जा रहे कार्यों का विवरण र सिहत मूलप्रति में शपथ पत्र देना अनिवार्य होगा।

19. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा की वेब साइट <u>www.korbamunicipal.in</u> एवं साकेत भवन स्थित सूचना पटल एवं निर्माण शाखा (दर्री जोन) पर भी यह टेन्डर उपलब्ध है।

होट :-

1. उपरोक्त निविदा तिथियों में कोई शासकीय अथवा स्थानीय अवकाश होने की स्थिति में अगले कार्य दिवस को निर्धारित तिथि समय

/स्थान माना जावे।

2. अमानत राशि के रूप में एफ.डी.आर/टी.डी.आर/अथवा नगद जमा राशि की रसीद आवेदन के साथ ही स्वीकार किये जावेगें जो कि आयुक्त नगर पालिक निगम कोरबा के नाम पर देय होगा।

> कार्यपालन अभियंता नगुर पालिक निगम क्रिरेबा (छ.ग.)

DETAILED ESTIMATE

work: MAINTENANCE OF C C ROAD AT DUGGUPARA INDIRA NAGAR JAMANIPALI W. NO. 47

SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD ROAD-01.01.2015]

3	REF	ITEM DESCRIPTION		N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	3.1	Excavation in Soil (by		T							
		Manual Means.) Excavation									
		for roadway in soil using	4								
		including loading in tipper									
		for carrying of cut earth to									
		embankment site and									
		unloading with all lifts and									
		lead upto1000 meters as per									
		relevant clauses of section									
4		300.		1	67.00	3.00	0.23	46.23			
H				1	39.00	3.00	0.23	26.91			
H				1	35.00	3.00	0.23	24.15			
				+	00.00	0.00	Total	97.29	Cum.	140.00	13620.60
2	6.6	Providing and laying	•				Total	01.20	Ouri.	140.00	10020.00
2		cement concrete for plain									
		concrete/ reinforced									
		concrete i/c form work,									
		shuttering complete in as									
		per drawings and									
		specifications.(For Village									
		roads)									
	(i)	P.C.C. M-10									
				1	67.00	3.00	0.08	16.08			
4				1	39.00	3.00	0.08	9.36			
		·		1	35.00	3.00	0.08	8.40			
0		D 11: 11 1		-			Total	33.84	Cum	2789.00	94379.76
3	6.6	Providing and laying									
		Un-reinforced cement conc.		-							
		without dowel bars									
		including formwork and									
		espansion, contraction &									
		longitudinal joints as per									
		desing and as per IRC-62-2014, over a									
		prepared base a per drawing									
		for pavement thickness less									
		than 200mm in low Volumn									
-		Roads.									
	(iv)										
	()	minimum Cement Content									
		@ 375 Kg/cum									

TEF ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	1	67.00	3.00	0.15	30.15			
	1	39.00	3.00	0.15	17.55			
6.0	1	35.00	3.00	0.15	15.75			
				Total	63.45	Cum	4391.00	278608.95

386609.31

Say Rs. 3, 86,000

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

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

Name of Work: const. of culvert at kalamiduggu w.no. 43
As per SOR: SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

S	N RE	F ITEM DESCRIPTION		N I	. В	H/D	QTY	UNIT	RATE	AMOUNT
•	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.	•	1 12.00	4.00	3.00	144.00	cum	185.00	00040.00
2	1.18	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.	1	12.00	11.5	0.20	9.60	cum	371.00	26640.00 3561.60
	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).	1	11.50	3.80	0.15	6.55	cum	2970.00	19453.50
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	1:1½:3 (1 cement : 1½ coarse sand : 3 graded	2	10.00	3.00	0.20	12.00	cum	4073.00	48876.00

		Stone aggregate 20		N	L		В	H/D O	TV	LINUX		
		stone aggregate 20mm						THE U	YT	UNIT	RA	TE AMOU
5	2.0	nominal size).										
	3.2	E tille ittyllig										
		nominal mix reinforced										
		cement concrete with					1					
		crushed stone aggregate					-					
		using concrete mixer in					15		-			
		all works upto plinth lev	/el									
		excluding cost of form wor	rk.									
	2.1	1:1½:3 (1 cement : 1½		-	-							
		coarse sand: 3 graded	*									
		stone aggregate 20mm	-									
		nominal size).										
		-raft	-	4	44.00							
			_	1	11.00	3.60	0.	30 11.88	3			
				3	3.60	0.30	2.	10 6.80)			
			-	1	11.00	3.60	0.3	30 11.88	3			
			-	2	11.00	0.20	0.9	3.96				
6 3.	12	Providing and placing in					Total		+	um	4163.00	142700 7
•		position reinforcement for	,								+100.00	143706.7
		R.C.C. work including										
	5	straightening, cutting,										
	1	pending, binding etc.										
	0	complete as per drawings										
	i	ncluding cost of binding										
	V	vire in foundation at the										
	2	vire in foundation and plinth										
12.1												
16.	tr	hermo-Mechanically eated bars FE 415						3000.00	-			
7 2.1	D	roviding 1 2 1						3000.00	kg	9	54.50	163500.00
East 1		roviding and fixing form										
	ob	ork including centring,										
	SII	uttering, strutting,										
	Sta	nging, propping bracing										
	ell	c. complete and including										
	ILS	removal at all levels,			1.							
11	for		•									
1.1	10	undations, footings, bases					-					
	010	columns plinth beam,										
	cur	tain wall in any shape										
	and	size and all type of wall										
	belo	ow plinth level.										
			2	11	50		0.00					
			2		80		0.30	6.90				
			2	11.			0.30	2.28				
			2	3.0	-		0.30	6.60				
			3x2				0.30	2.16				
				3.6			2.10	45.36	1			
			3x2	0.3			2.10	3.78				
			0									
•			2	11.0		(0.30	6.60				-
•			2	3.6		(0.30	6.60 2.16 ed By : Estim				

Powered By: Estimate Maker SoftwaPg. 2

SN RE	F ,ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		1	11.00	3.60		39.60			711100111
		2x2	11.00		0.90	39.60			
		2x2	10.00		0.20	8.00			
		2x3	3.00		0.20	3.60			
					Total	166.64	sgm	139.00	23162.96

428900.82

Say Rs.

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

DETAILED ESTIMATE

of Work: CONST. OF SHED AT NEAR BALGI W. NO. 55

per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

SN	RE	F ITEM DESCRIPTION		N L	. В	H/D	QTY	UNIT	RATE	AMOUNT
1	1.2	Surface dressing of the ground including removing		1 10.00	10.00		100.00		7.20	720.00
**		vegetation and making up undulations and in-equalities not exceeding	E.							
		15 cms in depth/ height including disposal of								
		rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).				я				
2	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.								
		-Coloumn	6	1.80	1.80	1.60	31.10			
		-Wall	1	18.20	0.40	0.40	2.91			
		-Step	2	1.30	1.10	0.20	0.57			
						Total	34.58	Oum	405.00	
3 1	1.17	Filling from available				, otal		Cum	185.00	6397.30
		excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.					19.23	Cum	65.00	1249.95
1.		Providing and filling in								
	I	olinth with sand/Crusher dust and hard moorum								
	ι	inder floor in layers not								

Powered By: Estimate Maker Softwar Pg. 1

							В	H/D	COLY	LIMIT		
		exceeding 20cm in depth	1						QTY	UNIT	RATE	AMOL
	1	consolidating each	1									
	15	deposited layer by										
		ramming and watering,										
		including dressing etc.										
_		complete.										
				6	1.80	1.00						
				1		1.60		0.10	1.72			
					6.50	7.00	-	0.20	9.10			
5	1.19	Providing filling and						otal	10.82	Cum	371.00	4014
		compacting local earth	4	1	6.50	7.00		0.30	13.65	Cum	242.00	3303
		(from approved source pit)									212,00	3300
		in layers and source pit)										
		in layers not exceeding								-		
		20cm in depth consolidating	5									
		each deposited layer by	1									
		ramming and watering,										
		including dressing etc.										
		complete.				,						
6	1.25	Diluting chemical										
		emulsion (chlorpyrifos/										
		lindane) in water as per										
		manufacturers										
		recommendation and										
											7	
	-1	injecting for								-		
		pre-constructional curative										
	- 1	cum preventive										
		anti-termite treatment:(Five										
		year service guarantee										
		bond to be signed by										
		contractor)										
2	-	Surface treatment by		-								
		spreading emulsion under										
13		floor over the 1'										
		floor, over the plinth area						1				
		before laying base concrete										
-	(@ 5 litres / sqm									-	
	-		6	1.	80	1.80		10	111	-		
			1		50	7.00			.44			
			1	26.		0.40			.50			
			2		30	1.10			.64			
			-	1.0	00				.86			
3.	1 P	roviding and laying				1	Total	78.	44 sqm	1	27.50	2157.10
	n	ominal mix plain cement										
	C	oncrete with crushed										
		one aggregate using										
	00	one aggregate using										
	CC	oncrete mixer in all										
	W	orks upto plinth level				-						
	ex	cluding cost of form										
	W	ork.									1	
1.3	-											

		ITEM DESCRIPTION		1	N		L		В	114					
	K	coarse sand : 6 grade	ed						В	H/I)	QTY	UNIT	r RA	TE AM
		stone aggregate 40mm nominal size).	n												
	1	-Col													
1	-	-Floor			6	1	1.80	1.	.80	0.10		1.04			
		-Wall			1	6	.50		.00	0.10	+	1.94			
		-Step			1	26	.60		40	0.08		1.55			
		осер			2	1.	.30		10	0.08	-	0.85			
8	3.1	Providing and laying							-	Total		.22			
		nominal mix plain cerr									- /	.56	cum	2970.00	224
		concrete with crushed	ient	-5											
		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													
		nominal size).					1					1			
		-Coping													
			-		1	31.00		0.20		0.08	0.49				
					1	8.00		1.00	(0.15	1.20				
9 ;	3.2	Providing and laying							Tot		1.69	01	ım	1000	
	. 1	nominal mix reinforced									1.00	Cu	111	4073.00	6883.3
	C	cement concrete with													
	c	rushed stone aggregate									-				
	u	sing concrete mixer in													
	a	ll works upto plinth													
	le	evel excluding cost of form													
	W	ork.													
2.		1½:3 (1 cement: 1½													
	co	arse sand: 3 graded													
	sto	one aggregate 20mm													
	no	minal size).													
	-Co			6	1	.50	4.5	0							
	,	Column Footing = 1/6			1.	.00	1.5	U	0.30)	4.05				
	(N)	xH)(A1+A2+4Am)									3.19				
	, A	1 = 1.4x1.4, A2 =													
		5x0.45													
	Am														
	(1/2)(1.4x1.4+0.25x0.45),													
	Cal	umn Footing = 1/6													
	Coli	ID(A1. AC													
	Colt (NxI	H)(A1+A2+4Am), $A1 =$				1									
	(NxI 1.5x	H)(A1+A2+4Am), A1 = 1.5, A2 = 0.25x0.45.													
	(NxI 1.5x Am =	H)(A1+A2+4Am), A1 = 1.5, A2 = 0.25x0.45,													
	(NxI 1.5x Am =	H)(A1+A2+4Am), A1 = 1.5, A2 = 0.25x0.45.													
	(NxI 1.5x Am =	H)(A1+A2+4Am), A1 = 1.5, A2 = 0.25x0.45,		6	0.20		0.40								
	(NxI 1.5x Am =	H)(A1+A2+4Am), A1 = 1.5, A2 = 0.25x0.45,		6	0.20		0.40		1.05	0.5	50				

		-Plinth Beam		N 1	26.6	L	В	H/C		_	JNIT	RAT	E AMOUN
ns.		-Lintel Beam		1	18.60		0.20	0.30	1.0				
	N.	-Slab Beam		1	18.60		0.20	0.20	7.10				
				1	14.50		0.20	0.20					
				2		_	0.20	0.40					
		-Slab		1	0.90		0.20	0.20					
		-Still			7.20		8.50	0.12	7.3	4			
		-Under Flooring		4	3.40		0.20	0.10	0.2	7			
		Theoring .		1	6.50	7	7.00	0.08	3.64	4			
10	3.4	Extra for laying						Total	25.21	1 0	um	4163.00	104949.2
		PCC/RCC of any grade							12.24	1 0	um	97.50	
		in superstructure above	*										
		plinth level for every floor											
		or part thereof in addition											
		to rate for foundation and											
		plinth:											
11 3	12												
11 0	. 12	Providing and placing in											
		position reinforcement for											
		R.C.C. work including											
Ŧ,		straightening, cutting,											
		bending, binding etc.											
		complete as per drawings											
		including cost of binding											
		wire in foundation and											
40		plinth all complete:											
12	.1	Thermo-Mechanically							1600.00	ko	-	F4 F0	
		treated bars FE 415					-		1000.00	kg		54.50	87200.00
3.1	1111	Providing and mixing							10.00	Va		10.50	
		water proofing material in	•						10.00	Kg		43.50	435.00
		PCC/ RCC work in the											
	I	proportion recommended by											
		he manufacturer.											
3.16	30	Making 50mm thick		1	30.00	0.75	-		00.50				
	p	plinth protection of plain			00.00	0.75			22.50	Sqm		273.00	6142.50
	c	ement concrete 1:3:6 (1											
	c	ement: 3 coarse sand:						1.20				- +	
	6	graded crushed stone											
		ggregate 20mm nominal											
	si	ize) over 75mm bed of dry											
	bı	rick ballast 40mm nominal											
		ze well rammed and											
		onsolidated and grouted									-		
	W	ith sand including											
		nishing the top smooth.			- 1.								
2.1	Pr	roviding and fixing form		19									
	we	ork including centring,											
	ch	uttering start			×								
		uttering, strutting,											
	Std	iging, propping bracing											
	etc	c. complete and				-							

	E	F ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		including its removal at						-		
	9	all levels, for:								
	3.1									
		of columns plinth beam,								
		curtain wall in any shape								
		and size and all type of wall								
		below plinth level.								
		-Col	6x4	1.50		0.30	10.80			
			6	1.20		1.05	7.56			
L		-Plinth Beam	2	26.60		0.30	15.96			
			6	0.80		0.30	1.44			
			1	12.00		0.15	1.80			
						Total	37.56	sqm	139.00	5220.84
	1.5	Columns, Pillars, Piers and	6	1.20		3.50	25.20	sqm	297.00	7484.40
		likes- rectangular or square								
		in shape	•							
	1.7	Suspended floors, roofs,						1761		
		access platform, balconies								
		(plain surfaces) and shelves								
		(cast in situ)				Y				
		-Slab	1	7.20	8.50		61.20			
			1	31.40		0.12	3.76			
		Deduction	1	18.60	0.20		-3.72			
		Deduction	1	16.30	0.20		-3.26			
		Deduction	6	0.20	0.40		-0.48			
						Total	57.50	sqm	235.00	13512.50
	1.8	Beams, lintels, cantilevers					07.00	oqiii	200.00	13312.30
		& walls								
		-Lintel Beam	1	18.60	0.20		3.72			
			. 2	18.60 .	TIK	0.20	7.44			
		-Slab Beam	. 1	18.60	0.20		3.72			
			1	14.50	0.20		2.90			
			2	0.90	0.20		0.36			
	1		2	18.60		0.20	7.44			
			2	0.90		0.20	0.36			
			2	0.20	0.20		0.08			
			2	14.50		0.40	11.60			
		Haracal Action (Inc.)	4x2	3.40		0.10	2.72			
						Total	40.34	sqm	202.00	0140.00
15	4.13	Grading roof for water					10.04	Sqiii	202.00	8148.68
		proofing treatment with:								
	13.1	Cement concrete 1:2:4 (1	1	7.20	8.50	0.03	1.83	cum	3817.00	6985.11
		cement: 2 coarse sand:					1.00	ouiii	3017.00	0903.11
		4 graded stone aggregate								
		20 mm nominal size)		-	-					
16	7.6	Extra for brick work in								
		superstructure above plinth								
		level for every floor or part								
		thereof in addition to rate								

	1	for foundation and a limb		N	L	В	H/D	QT	UNIT	RATE	AMOUNT
	4	for foundation and plinth:									7.11100141
97	1	,						11.51			
1	17 9	.6 Steel work welded in	•			T	otal	11.51	Cum	121.00	1392.7
		built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	*								
	6.	bar, ladder, railings,						300.00	Kg	68.00	20400.00
		brackets, gates and similar works.									
18	3 11.	thick cement plaster of mix:									
	1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)						72.00	sqm	87.00	6264.00
19	11.2	Providing and making 12mm thick cement plaster of mix:					h.				
	2.3	In Cement Mortar 1:5 (1 cement : 5 fine sand)	7					90.45	sqm	96.50	8728.42
20	11.3	Providing and making 15mm thick cement plaster									
	2.2	on the rough side of single or half brick wall of mix:					-				
21.4	3.3	In Cement Mortar 1:5 (1 cement : 5 fine sand)						90.45	sqm	113.00	10220.85
21 1	2.56	25mm thick Local RAJIM/ Red Flag stone slab flooring laid over 20mm (Average) thick base of cement mortar		6.50	7.00			45.50	Sqm	516.00	23478.00
		1:4 (1 cement : 4 coarse sand) laid over & jointed with grey cement slurry mixed with pigments to match the shade of the stone i/c grinding, rubbing and polishing.									
22 12		25mm thick Local RAJIM/ Red Flag stone slab in riser of steps, skirting, dado and pillars laid on 12mm (Average) thick cement mortar 1:4 (1 cement : 4 coarse sand) and joint with grey cement slurry mixed with pigments to match									

	TEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1	the shade of the slab i/c grinding, rubbing and								
	polishing.								
	The state of the s	, 1	19.00 -		0.30	5.70			
	State 1 - 1 mail 1 - 1 - 1	. 2x3	1.20	0.30		2.16			
		2x4	1.20		0.20	1.92			
	7 - 1 - 100	2x2	0.70	0.70		1.96			
					Total	11.74		595.00	6985.30
23 14.9	Distempering with acrylic washable distemper to give an even shade.	E							
9.1	On new work (Two or more coats)					138.86	sqm	38.00	5276.68
24 14.13	Providing and applying 2mm thick ready mix exterior grade approved					138.86	Sqm	94.50	13122.27
	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.								
25 14.14	Finishing walls with water proofing cement paint of required shade to give an even shade.								
14.1	On new work (Two or more coats applied @ 3.84 kg/10 sqm)					114.04	sqm	41.00	4675.64
26 14.22	Painting on new work (two or more coats) to give an even shade with:								
22.1	Satin synthetic enamel paint	. 4	2.50 ·	1.50		15.00	sqm	55.00	825.00
27 14.41	Lettering with black Japan paint, per cm height.					880.00	² er Lette	0.70	616.00
28 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								

4	E	ITEM DESCRIPTION	· N	L	. В	H/D	QTY	UNIT	RATE	AMOUNT
	0.2	110 mm dia pipe.					7.00	metre	267.00	1869.0
	57	Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete.	· ·							
	. 57.1	SS Grade 204								
30	7.5	Brick work with modular					30.00	kg	467.00	14010.00
		fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	5.3	Cement Mortar 1:5 (1 cement : 5 coarse sand)					N. Control of the con			
		-Below Plinth Beam	1	26.60	0.30	0.70	5.58			
		-Step	2	1.20	1.00	0.20	0.48			
			2	1.20	0.70	0.20	0.48			
			2	1.20	0.40	0.20	0.33			*
			1	18.60	0.20	3.30	12.27			
		-PARAPET	1	28.00	0.20	0.40	2.24			
		Deduction	4	2.50	0.20	1.50	-3.00			
					3,20	Total	18.09	cum	3350.00	

466915.47

Say Rs.

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

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

DETAILED ESTIMATE

Name of Work: MAINTENANCE WORK OF SEWER LINE CHAMBER ROAD.AT S. V. B. P. NAGAR W. NO. 51

As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

SN	REF	ITEM DESCRIPTION	ı	l L	В	H/D	QTY	UNIT	RATE	AMOUNT
1	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.	ŧ				Ĭ.			
	1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	1	6.00	2.40	0.10	1.44	cum	2970.00	4276.80
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.					4			
		1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	1	6.00	2.40	0.15	2.16	cum	4073.00	8797.68
3		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.								
	5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	100	1.60	1.60	0.12	30.72	cum	4163.00	127887.36
1	3.9 I	Extra for precast PCC/ RCC work of any mix including form work, hoisting and fixing in Cement Mortar. 1:2 (1 Cement : 2 coarse and) and finishing with	100	1.60	1.60	0.12	30.72	cum	469.00	14407.68

-	cement plaster in Cement					QTY	UNIT	RATE	AMOUN
1	16 . 10/10								
	Mortan 1.5 (1 cement, 5								
	coarse sand) but excluding								
	reinforcement.								
5 3.1	12 Providing and placing in								
	position reinforcement for								
	R.C.C. work including		6						
	straightening, cutting,								
	bending, binding etc.								
	complete as per drawings	4.							
		6							
	including cost of binding								
	wire in foundation and						-		
	plinth all complete:								
12.						1627.00	kg	54.50	88671.5
	treated bars FE 415								0001 110
6 2.	1 Providing and fixing form								
	work including centring,								
	shuttering, strutting,								
	staging, propping bracing					V			
	etc. complete and								
	including its removal at								
	all levels, for:								
1									
1.1	, rectings, cuses								
	of columns plinth beam,								
	curtain wall in any shape					A			
	and size and all type of wall								
	below plinth level.								
		2	6.00		0.10	1.20			
		3	2.40		0.10	0.72			
		2	6.00		0.15	1.80			
		2	2.40		0.15	0.72			
7 400					Total	4.44	sqm	139.00	617.16
7 16.3	8								
	masonry including arches,								
	stacking of serviceable								
	material disposal of								
	unserviceable material								
	within 50 metres lead.								
3.3	In cement mortar.						CUM	202.00	
8 16.42	Demolishing R.C.C. work						cum	263.00	
	including stacking of steel								
	bars and disposal of								
	unserviceable material								
	within 50 metre lead.								
		110x2	1.60	0.00	0.40	60.73			
		110x2	1.60	0.20	0.40	28.16		75	
	moved and a second	110/2	1.20	0.20	0.40	21.12			* 1
	nes ed, in the second								
			- 2		Total	49.28	cum	768.00	

	0	REF		N	L	В	H/D	QTY	UNIT	RATE	AMOU
1	9	16.43	S coment					Q11	ONT	KAIL	AMOU
		>	concrete including								
			disposal of material								
			within 50 metre lead.								
		43.2	1:3:6 or richer mix	- 1 1							
	10	20.1	Providing, laying and						cum	549.00	
			jointing glazed stoneware								
			pipes grade 'A' with stiff								
			mixture of cement mortar in								
1	П		the proportion of 1:1 (1								
			cement: 1 fine sand)	4							
			including testing of joints				4				
			etc. complete :								
-		1.3	200 mm diameter								
	11 :	20.2		1	100.00		-	100.00	metre	506.00	50600.0
		20.2	Providing and laying							000.00	30000.0
			cement concrete 1:5:10 (1								
			cement: 5 coarse sand: 10								
			graded stone aggregate 40								
			mm nominal size)					N.			
			all-round S.W. pipes								
			including bed concrete								
			150mm thick as per								
			standard design:								
			200 mm diameter S.W. pipe	1	100.00						
12	2 20	0.3	Providing and fixing	1	100.00			100.00	metre	508.00	50800.00
			square-mouth S.W. gully						1		
		1	trap grade 'A' complete				4				
		,	with C.I. grating brick								
			masonry chamber with								
			well burnt modular clay								
		1	bricks arushing at								
		1	bricks crushing strength not								
		1	ess than 35kg/cm2, water								
		L	ight C.I. cover with frame								
			of 300 x300 mm size								
		(1	inside) the weight of cover								
		to	o be not less than 4.50 kg								
			nd frame to be not less								
		th	nan 2.70 kg as per standard								
		de	esign:								
	3.3	3 18	80x150 mm size P type								
13	20.4	D	Dismantling of old S.W.					2.00 E	ach	1504.00	3008.00
		pi	ipes including breaking						2		
		of	f joints and bed concrete								
		sta	acking of useful materials								
		ne	ear the site within 50 m								
		dia	ad but beyond 20m and								
			sposal of unserviceable								
		ma	aterials:								

A	REF	ITEM DESCRIPTION	N			-				
	4.3	200 mm diameter	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	1							metre	22.00	

386913.22

Say Rs.

3,87,000

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

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

DETAILED ESTIMATE

Namy of Work: MAINTENANCE WORK OF PRIMARY AND MIDDLE SCHOOL TANGAMAR W. NO. 53

As per SOR: SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

SN	REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for	4							
		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								
	11	pits.	4			-				1
	1.1	In all types of soils. -app. road	1	15.00	3.70	0.23	12.76			
		-b / wall	1	20.00	0.70	0.70	9.80			
		-07 wan				Total	22.56	cum	185.00	4173.6
2	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.								
			1	15.00	3.70	0.08	4.44			
			1	20.00	0.60	0.10	1.20			
						Total	5.64	cum	371.00	2092.4
3	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	coarse sand : 6 graded stone aggregate 40mm nominal size).								
			1	15.00	3.60	0.08	4.32			
			1		0.60	0.10	1.20			

	ÆF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1										
1	1					Total	5.52	cum	2970.00	16394.40
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.	\$				9			
	1.5	1:1½:3 (1 cement: 1½								
		coarse sand : 3 graded stone aggregate 20mm nominal size).								
			1	15.00	3.60	0.10	5.40			
			1	20.00	0.20	0.08	0.32			LINE
		Books and Aller				Total	5.72	cum	4073.00	23297.56
5	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.					4			
	2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm								
_		nominal size)precast slab		2.00						
		-precast state	4	3.00	3.00	0.10	3.60			
							2.00			
						Total	5.60	cum	4163.00	23312.80
6	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:					5.50	Sum	7100.00	20012.00
	12.1	Thermo-Mechanically		THE			450.00	kg	54.50	24525.00
-		treated bars FE 415							0 1.00	2 1020.00
7	3.14	Providing and mixing water proofing material in PCC/ RCC work in the proportion recommended by the manufacturer.				CHE	5.00	kg	43.50	217.50

KE	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
3.16	Making 50mm thick								
1	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				3				
	consolidated and grouted	4.							
	with sand including								
	finishing the top smooth.								
	Timsting the top smooth.	2	20.00	1.00		40.00			
		2	10.00	1.00		20.00			
+					Total	60.00	sqm	273.00	16380.00
2.	1 Providing and fixing form				-				
2.	work including centring,								
	shuttering, strutting,								
	staging, propping bracing								
	etc. complete and								
	including its removal at								
	all levels, for:					4			
1.									
	of columns plinth beam,								
	curtain wall in any shape								
	and size and all type of wall								
	below plinth level.								
	below pilital level.	2	15.00		0.08	2.40			
		4	3.60		0.08	1.15			
		2	15.00	3.60	0.15	16.20			
-		4	3.60	0.00	0.15	2.16			
		-	0.00		0.10	2,,0			
					Total	21.91	sqm	139.00	3045.49
10 4.1	3 Grading roof for water								
	proofing treatment with:								
13	.1 Cement concrete 1:2:4 (1								
	cement: 2 coarse sand:								
	4 graded stone aggregate								
	20 mm nominal size)								
		1	22.50	3.00	0.03	2.02			
		3	7.50	5.50	0.03	3.71			
					Total	5.73	cum	3817.00	21871.4
11 7	7.5 Brick work with modular				IUI	3.73	Guill	3617.00	210/1.4
11	fly-ash lime bricks (FaLG								9
	Bricks) confirming to								
	Dricks) confirming to								

	.ÉF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		designation 4.0 in								
1		foundation and plinth in:								
3	5.3	Cement Mortar 1:5 (1								
		cement : 5 coarse sand)								
			1	10.00	0.50	0.20	1.00			
			1	10.00	0.40	0.20	0.80			
			1	10.00	0.30	0.30	0.90			
			1	10.00	0.20	1.50	3.00			
			4			Total	5.70	cum	3350.00	19095.00
12	8.13	Providing and fixing flush								
		door shutters, conforming								
		to IS 2202 (Part 1),								
Ш		interior grade, commercial								
		type, core of block board								
		construction with frame of								
		first class hard wood and								
		well matched commercial								
		ply veneering with vertical					E			
		grains, cross bands and								
		face veneers on both								
		faces of shutters excluding								
		hinges.								
_	13.2	35 mm. thick (single leaf)	2	1.00		2.10	4.20	sqm	1370.00	5754.00
13	8.52	Providing, and fixing M.S.								
15	0.02	round and square bars with								
		MS flat of required pattern								
		in wooden frames for								
		windows & clerestory								
		windows including								
		applying a priming coat of								
		red oxide zinc chromate								
		primer, welding etc								
		complete								
-	52.1	Plain grill	2	1.20	1.20	25.00	72.00	kg	68.00	4896.00
1.4	8.96	Providing and fixing M.S.	2	1.20	1.20	25.00	72.00	Ng	00.00	4030.00
14	0.30	bright finished or black								
		enameled Double spring								
	96.2	hinges with iron screws:					15.00	each	286.00	4290.00
1.5		Providing and fixing M.S.					15.00	eacii	200.00	4290.00
15	8.97									
		bright finished or black								
		enameled Piano hinges								
		1mm thick with 35mm wide								
		flange including necessary								
	0.00	iron screws.								
16	8.99	Providing and fixing M.S.								
		bright finished or black								1 - 14 1
		enameled sliding door bolts								

3	EF I	TEM DESCRIPTION	N	L	В	H/D	QTY	JNIT	RATE	AMOUNT
1		with bolts, nuts and								
1		necessary iron screws:								775.00
99		300x16mm					10.00	each	77.50	775.00
		Steel work welded in								
		built up sections/ framed								
		work including cutting,								
		hoisting, fixing in position								
		and applying a priming								
		coat of red oxide zinc								
		chromate primer.	4.							
1	6.2	In gratings, frames, guard					50.00	Kg	68.00	3400.00
	0.2	bar, ladder, railings,					al .	-		
		brackets, gates and similar								
		works.								
8 9	.13	Providing and fixing steel					150.00	kg	75.00	11250.00
		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.								
19	11.2	Providing and making								
		12mm thick cement plaster								
		of mix:								
	2.3	In Cement Mortar 1:5 (1					57.00	sqm	96.50	5500.5
		cement: 5 fine sand)								
20	11.3	Providing and making								
		15mm thick cement plaster								
		on the rough side of single								
		or half brick wall of mix:								
	3.3	In Cement Mortar 1:5 (1					57.00	sqm	113.00	6441.
		cement: 5 fine sand)								
21 1	2.51	Extra for nosing in steps						metre	69.50	
		and treads of Kota stone								
		slab.								
22	14.9	Distempering with acrylic								
		washable distemper to give								
		an even shade.								
,	9.1						700.00	sqm	38.00	26600
		coats)								
1	9.2							sqm	17.5	0
		coats)							-	
23	14.13						1033.00	sqm	94.5	97618
	1	2mm thick ready mix								

		N	L		В	H/D	Q	TY UNIT			
EF ITEM DES	CRIPTION										
exterior	grade approved										
make n	utty (like Birla wall										
care, A	Iltek Superfine W/R										
of (NC	L), Asian, ICI,										
Marala	ic, J.K. wall putty) on										
Nerola	to make the surface										
walls t	o make the surran										
smoot	h and even.										
14.14 Finish	ing walls with water										
proofi	ing cement paint of	4									
requir	red shade to give an										20200 00
even s	shade.						50	00.00	sqm	41.00	20500.00
1/1 On ne	ew work (Two or more										
14.1 On in	applied @ 3.84 kg/10						5				
									sqm	25.50	
sqm)	ld work (one or more								,4,,,		
14.2 On o	id work (one of more										
	s applied @ 2.20 kg/10										
sqm)	1. (1.11)										
5 14.22 Pain	ting on new work (two										
or m	nore coats) to give an										
ever	n shade with:										
22.1 Sati	in synthetic enamel paint			4.00		1.	20	8.64			
22.1		37	7.2	1.20			.10	25.20			
		6	x2	1.00		2.	10	20.23			
								04		55.00	0 1861.3
						Tot	al	33.84	sqm	55.0	J
	i la (one						F				
26 14.23 Pai	inting on old work (one						6			-	
or	more coats) to give an										
ev	en shade with:										
23.1 Sa	ntin synthetic enamel pair	nt		1.00			1.20	23.04			
20.1	XIII - J		8x2	1.20	-		2.10	25.20	_		
			6x2	1.00			2.10				
								10.00	oam	35	.00 168
						To	otal	48.24	-	-	.30 516
	, Lite or cold	NIT!						1200.00	gmps		.50
27 14.44 R	Removing white or colo	1									
V	wash by scrapping, sand	1									
I	papering and preparing the	ne			11						
1 :	surface smooth including	5									
1	necessary repair to										
	scratches etc. complete.							48.	24 sqr	m 3	32.50 15
	Removing old paint or							1 40.	24 04		
28 14.46	polish by paint remover	or									
	polish by paint reme .	OI									
	blow lamp or any other										
	means as approved										
	including preparing the	3									
	a sth ofter										
	surface smooth after										
	surface smooth after removing the paint.										

X	EF ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	concrete including								
	disposal of material								
1	within 50 metre lead.								
43	3.2 1:3:6 or richer mix								
		3	7.00	5.00	0.08	8.40			
					Total	8.40	cum	549.00	4611.60
30 12	2.7 Providing and fixing	4.							
	ceramic glazed wall tiles								
	conforming to IS: 15622 of								
	approved make, colours,							-	
	shades and size on wall and								
	dados over 12 mm thick								
	bed of cement Mortar 1:3	**							
	(1 cement : 3 coarse sand)				*	Z.			
									_
	and jointing with grey								
	cement slurry @ 3.3kg per								
	sqm including pointing in							11 12 24	
	white cement mixed with								
	matching pigment complete.								
	7.2 Size above 200x300mm		1.00		0.40	45.40			
		2x2	1.80		2.10	15.12			
		2x2	2.40		2.10	20.16			
					Total	35.28	sqm	646.00	22790.8
31 1	2.9 Providing and laying								
	ceramic glazed floor tiles								
	conforming to IS: 15622 of								
	approved size, 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.								
	9.1 Size 300x300mm	2x2	2.40		1.80	17.28	sqm	692.00	11957.7
	J. I SIZE JOOKSOOIIIII	212	2.70		1.00	17.20	Sqiii	032.00	11001.1

391067.84

Say Rs.

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