

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 220 / 2024

सिस्टम टेंडर नं. 162710

कोरबा दिनांक 10.12.2024

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 एवं सड़क कार्य हेतु दिनांक 01.01.2015, विद्युत कार्य हेतु दिनांक 01.06.2020 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई-प्रोक्चरमेंट (E-Tendering) के माध्यम से निविदा प्रपत्र Form-A में निविदा आमंत्रित की जाती है:-

1. फिजिकल सबमिशन लिफाफा प्राप्त होने की अंतिम तिथि - 03.01.2025 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि - 03.01.2025 सायंकाल 4.00 बजे से

क.	कार्य का नाम	प्राक्कलन राशि (लाख में)	धरोहर राशि (FDR/TDR)	कार्यावधि	निविदा प्रतिभागी शुल्क (डिमांड ड्राफ्ट)	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	वार्ड क 31 गोकुल नगर स्थित पत्रकार कॉलोनी का विकास कार्य (अधोसंरचना मद)	78.48	59000/-	06 माह	3000/-	वर्ग डी एवं प्रवर श्रेणी	03.01.2025 से

शर्त:-

1. निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी
2. जिन ठेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर पालिक निगम (साडा) के हित के विरुद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।
3. इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर चुकता प्रमाण पत्र, पेन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि के FDR/TDR की प्रति ऑनलाईन अपलोड करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं धरोहर राशि FDR/TDR, शपथपत्र का स्केन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
 - अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं निर्धारित प्रारूप में शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से आयुक्त, नगर पालिक निगम, कोरबा साकेत भवन, आई.टी.आई. चौक रामपुर कोसाबाड़ी पिन- 495677 कोरबा के पते पर भेजना होगा। निर्धारित तिथि को सायं 03:00 बजे के पश्चात् फिजिकल सबमिशन लिफाफा स्वीकार नहीं किया जायेगा।
 - 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 निर्धारित प्रारूप में वैध शपथपत्र (राशि रु. 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 डिमांड ड्राफ्ट जो कि आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय हो प्रस्तुत करना अनिवार्य होगा।
4. सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं संधारण मद को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिक्क्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकੀ जावेगी। सुरक्षा राशि एवं परफार्मेंस गारंटी राशि वापसी हेतु समयावधि की गणना कार्य पूर्णता तिथि से किया जायेगा। उक्त समयावधि में निर्माण कार्य की भौतिक स्थिति सही होने तथा सक्षम प्राधिकारी के संतुष्टि के आधार पर भुगतान किया जायेगा।
5. जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे।
6. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तदंतर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
7. ईट से संबंधित निर्माण कार्यों में प्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
8. प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।
9. ठेकेदार को स्वयं के स्वामित्व/लीज के आटोमेटिक ड्रम मिक्स प्लांट, रोलर एवं अन्य मशीनरी, हॉल मिक्स प्लांट, पेवर फिनिशर एवं रोड रोलर आदि मशीनों के प्रमाण पत्र संलग्न करना अनिवार्य होगा तथा निविदाकार का 60 कि.मी. की परिधी में हॉल मिक्स प्लांट होना आवश्यक है।
10. ठेकेदार द्वारा 60/70 ग्रेड का डामर IOC, BPCL, HPCI से ही क्रय कर लगाना होगा। ठेकेदार को तल कंपनी को दी जाने वाली प्रदाय आदेश की प्रतिलिपि इस कार्यालय को देनी होगी।
11. कार्य में प्रयुक्त डामर खरीदी के देयक (बिल) कार्यालय में प्रस्तुत करने पर ही भुगतान किया जावेगा।
12. निविदा दरों असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफार्मेंस 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 समयावधि में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।
13. निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
14. निविदा प्रपत्र फार्म -ए की कंडिका 11 Price Adjustment (एस्कलेशन) देय नहीं होगा।
15. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
16. निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
17. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।
18. ठेकेदार द्वारा संपादित किए गए कार्यों के देयकों का भुगतान कार्य विशेष हेतु बजट आबंटन एवं राशि उपलब्ध होने पर किया जाएगा।
19. निविदा में सफल निविदाकार को ऐसे कार्य जिसकी अनुबंध राशि 10.00 लाख या उससे अधिक है, उनको प्रत्येक कार्यों हेतु पृथक से छ.ग. भवन और सन्निर्माण कर्मचार मण्डल का पंजीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक भुगतान किया जाना संभव नहीं होगा।

20.
21.

कार्य क्रियान्वयन से संबंधित गुणवत्ता परीक्षण सबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जाएगा।
ठेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गए प्रावधानों का पालन करना अनिवार्य होगा।


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

प्रतिलिपि-

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

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		10.12.2024	17.00	10.12.2024	17.00	Release Tender
2		Bid Submission	10.12.2024	17.00	02.01.2025	17.30	
3		Physical Document Submission	10.12.2024	17.00	03.01.2025	15.00	
4	Tender Open		03.01.2025	16.00	--	--	


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

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

DETAILED ESTIMATE

Name of Work : CONSTRUCTION OF BITUMEN ROAD IN PATRAKAR COLONY AT WARD NO-31
 As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD ROAD-01.01.2015]

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	2.2	Clearing Grass and Removal of Rubbish (clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area) in thickness if required and as per relevant clauses of section- 200								
							4.00			
						Total	4.00	Hectare.	13438.00	53752.00
2	4.10	Wet Mix Macadam (Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per clause 406.)								
			1	1450.00	4.00	0.15	870.00			
			1	20.00	4.00	0.20	16.00			
						Total	886.00	Cum	1434.00	1270524.00
3	5.1	Prime coat (Providing and applying primer coat with oil based bitumen emulsion (SS-1, grade confirming to IS:8887) on prepared surface of granular Base including clearing of road surface and spraying primer using mechanical means as per clause 502.								
	(i)	on WBM/WMM surface @0.85 Kg/sqm.								
			1	1470.00	4.00		5880.00			

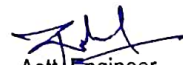
SN	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
					Total	5880.00	Sqm	64.00	376320.00
4	5.2 Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503.								
	(i) Bituminous surface @ 0.25 kg /Sqm								
		1	1470.00	4.00		5880.00			
					Total	5880.00	Sqm	15.00	88200.00
5	4.13 Construction of Shoulders (Construction of shoulders as per clause 408 with selected soil from borrow pits / borrow areas having CBR not less than 12 and shall have L.L. and P.I. not more than 25% and 6% respectively, inclusive of all leads and lifts, including clearing and scrapping of existing surface, providing required cross fall, compacting, watering rolling and royalty charges etc. complete.								
	A With vibratory roller								
		2	1470.00	1.00	0.20	588.00			
					Total	588.00	Cum	291.00	171108.00
6	5.3 Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction)								
	B With mechanical paver						0	0.00	

SN	Rate	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		finisher								
	(ii)	for Grading-II(19 mm nominal maximum size, bitumen content 3.40%)								
			1	1470.00	3.60	0.05	264.60			
							Total	264.60	Cum	6255.00
7	5.8	Close Graded Premix Surfacing/Mixed Seal Surfacing (Mechanical means using minimum 40-60 TPH capacity of HMP. Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness using bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade, complete as per clause 508)								
	II.	With mechanical paver finisher						0		0.00
	A	With bitumen						0		0.00
	ii)	Type B (13.2 mm to 0.09 mm size aggregates)								
			1	1470.00	3.60		5292.00			
							Total	5292.00	Sqm	146.00
										772632.00

As per Estimate Amount Rs. **4387609.00**
Say Rs.



Sub Engineer
Nagar Palik Nigam,
Korba



Aast. Engineer
Nagar Palik Nigam,
Korba

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

Name of Work **CONSTRUCTION OF RCC DRAIN NEAR PATRAKAR COLONY GOKULNAGAR KHARMORA WARD NO. 31**
As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

S.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.				
	1.1	In all types of soils.	cum	456.00	185.00	84,360.00
2	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.	cum	106.40	65.00	6,916.00
3	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	cum	38.00	371.00	14,098.00
4	1.26	Carriage by mechanical transport upto 5 km lead:				
	26.1	Earth	cum	350.00	111.00	38,850.00
5	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:				
	1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	sqm	912.00	139.00	126,768.00
	1.2	Wall of any thickness including attached pilasters, buttresses etc. in super structure.	sqm	360.00	228.00	82,080.00
	1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	sqm	108.00	235.00	25,380.00
6	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.				
	1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	cum	38.00	2659.00	101,042.00
7	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.				
	2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	cum	280.40	4163.00	1,167,305.20
8	3.9	Extra for precast PCC/ RCC work of any mix including form work, hoisting and fixing in Cement Mortar. 1:2 (1 Cement : 2 coarse sand) and finishing with cement plaster in Cement Mortar 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement.	cum	130.80	469.00	61,345.20
9	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:				
	12.1	Thermo-Mechanically treated bars FE 415	kg	14020.00	54.50	764,090.00

S.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
As per Estimate Amount Rs.						2472234.40



Sub Engineer
Nagar Palik Nigam,
Korba



Aast. Engineer
Nagar Palik Nigam,
Korba

GENERAL ABSTRACT

ESTIMATE NO.
FUND
MAJOR HEAD
MINOR HEAD

OF 2024-2025

AMOUNTING = Rs. 4.90 LAKH

NAME OF WORKS

DETAILED ESTIMATE FOR CONSTRUCTION OF
GARDEN IN PATRAKAR COLONY AT KORBA, DIST.-
KORBA (C.G.)

S.NO.	PARTICULAR	QUANTITY	UNIT	RATE	AMOUNT
1-	2-	3-	4-	5-	6-
1	CIVIL WORK AS PER S.O.R. BUILDING		as per detailed attached		456132.00
2	TOTAL				456132.00
3	ADD 7.5% OF TOTAL FOR ELECTRIFICATION WORK		7.50%		34210.00
	TOTAL (2+3)				490342.00
	SAY				4.90 LAKH



**DETAILED ESTIMATE FOR CONSTRUCTION OF GARDEN IN PATRAKAR COLONY AT KORBA,
DIST.-KORBA (C.G.)**

ABSTRACT

SNo	Item Code	Particular	Quantity	Unit	Rate	Amount
1	2	3	4	5	6	7
	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	1.1.1-	In all types of soil	82.680	cum	185.00	15296.00
2	1.17-	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.	41.340	cum	65.00	2687.00
3	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.	28.980	cum	371.00	10752.00
	2.1-	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:				
4	2.1.1-	Foundations, footings, base of columns and plinth beam in any shape and size.	69.800	sqm	139.00	9702.00
5	2.1.5-	Columns, Pillars, Piers and likes- rectangular or square in shape	30.240	sqm	297.00	8981.00
6	2.1.8-	Beams, lintels, cantilevers & walls	9.500	sqm	202.00	1919.00
7	3.1.3-	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	18.810	cum	2970.00	55866.00
	3.2-	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work.				
8	3.2.1-	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	15.465	cum	4163.00	64381.00
9	3.4	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:	3.045	cum	97.50	297.00
	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending etc. complete as per drawings including cost of binding wire all complete:				
10	3.12.1	Thermo-Mechanically treated bars FE 415	1237.200	kg	54.50	67427.00
	7.5-	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in:				
11	7.5.4-	Cement Mortar 1:6 (1 cement : 6 coarse sand)	36.044	cum	3263.00	117612.00

SNo	Item Code	Particular	Quantity	Unit	Rate	Amount
12	7.6-	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth	34.044	cum	121.00	4119.00
13	9.15-	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat of red oxide zinc chromate primer..	135.000	kg	67.50	9113.00
	11.2-	12mm thick cement plaster of mix:				
14	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)	170.220	sqm	91.50	15575.00
	11.3-	15mm thick cement plaster on the rough side of single or half brick wall of mix:				
15	11.3.4-	In Cement Mortar 1:6 (1 cement : 6 fine sand)	123.500	sqm	107.00	13215.00
	12.74- AME	Providing and fixing rectified glazed ceramic floor tiles of 1st quality conforming to IS : 15622-2017 of approved make, in all colours, shades over 20 mm thick bed of Cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with matching pigment complete.				
16	12.74.1	Size 300x300mm thickness 7 to 8 mm	54.240	sqm	779.00	42253.00
	14.15	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:				
17	14.15.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	293.720	sqm	56.00	16448.00
18	14.21	Applying priming coat on steel work with red oxide zinc chromate primer.	6.750	sqm	17.50	118.00
	14.22-	Painting on new work (two or more coats) to give an even shade with:				
19	14.22.1-	Satin synthetic enamel paint (top most approved branded quality)	6.750	sqm	55.00	371.00
					TOTAL	456132.00

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GENERAL ABSTRACT

ESTIMATE NO.
FUND
MAJOR HEAD
MINOR HEAD

OF 2024-2025

AMOUNTING = Rs. 4.97 LAKH

NAME OF WORKS

DETAILED ESTIMATE FOR REPAIRING AND RENOVATION
WORK OF SAMUDAIK BHAWAN AT PATRAKAR COLONY,
KORBA (C.G.)

S.NO.	PARTICULAR	QUANTITY	UNIT	RATE	AMOUNT
1-	2-	3-	4-	5-	6-
1	CIVIL WORK AS PER S.O.R. BUILDING	as per detailed attached			451390.00
2	TOTAL				451390.00
3	ADD 10% OF TOTAL FOR ELECTRIFICATION WORK		10.00%		45139.00
	TOTAL (2+3)				496529.00
	SAY				4.97 LAKH



**DETAILED ESTIMATE FOR REPAIRING AND RENOVATION WORK OF SAMUDAIK BHAWAN
AT PATRAKAR COLONY, KORBA (C.G.)**

ABSTRACT

S.No.	ITEM CODE	PARTICULAR	QUANTITY	UNIT	RATE	AMOUNT
1	2	3	4	5	6	7
1	16.26	Dismantling doors chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead.	3.00	each	100.00	300.00
2	16.27	Dismantling windows chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead..	6.00	each	66.50	399.00
3	16.30	Dismantling steel work in single section in RS Joists, channels, angles, flats, I-section and T-section including dismembering and stacking within 50 Metres lead.	450.00	kg	0.70	315.00
4	16.36	Dismantling terrazzo or mosaic or glazed vitreous or patent cement or tiled flooring or dado skirting of any thickness without sub base.	107.39	sqm	22.50	2416.00
5	16.37	Dismantling lime/ cement plaster or skirting at any height raking out joints and cleaning the surface for plaster including disposal of rubbish within 50 metres lead.	232.96	sqm	11.00	2563.00
	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.				
6	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	10.05	cum	2970.00	29847.00
7	4.15	Providing and laying 3mm thick APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 ltr/sqm. by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/ltr and viscosity 70 - 160 cps. over the primer coat the layer of membrane shall be laid using Butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be : Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147.	152.84	sqm	358.00	54715.00
	8.12	Providing and fixing flush door shutters, conforming to IS : 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.				
8	8.12.2	35 mm. thick (single leaf)	4.82	SQM	2005.00	9659.00
	8.8	Providing and fixing antique/ SS finished brass door latch with antique/ SS polished MS screw complete:				
9	8.80.2	250x16x5 mm	3.00	EACH	280.00	840.00
	8.81	Providing and fixing antique/ SS finished brass tower bolts (Barrel type)with antique/ SS polished MS screw complete:				

S.No.	ITEM CODE	PARTICULAR	QUANTITY	UNIT	RATE	AMOUNT
	8.81.1	250 x10 mm	3.00	EACH	297.00	891.00
	8.84	Providing and fixing antique/ SS finished brass handles with antique/ SS polished MS screw complete:				
11	8.84.1	polished MS screw complete:	6.00	EACH	58.50	351.00
12	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat of red oxide zinc chromate primer.	270.00	KG	67.50	18225.00
	9.18	Providing and fixing in position doors, windows and ventilators frames made of cold rolled pressed steel sheet framed profiles made from commercial M.S. Sheets conforming to I.S. 513 of 1973 and as per general specifications of I.S 4351 including hinges jamb, lock jamb, steel butt hinges, base tie, joints mitred and welded with 10cm long legs of size 15x3mm M.S. flat, embedded in cement concrete blocks 15x10x10cm size of grade M-10 or rawl plugs and screws or with fixing clips or with bolts and nuts including neatly compacted filling M-10 cement concrete. profile section applying a priming coat of red oxide zinc chromate primer.				
13	9.18.3	Single rebate/ mullion 100mmx50mm size, 1.25mm thick sheet.	14.80	MTR	391.00	5787.00
	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				
14	9.47.2	For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting whenever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).	86.40	KG	338.00	29203.00
15	9.49	Extra for polyester powder coated (minimum 50 micron) aluminium sections instead of anodized.	86.40	KG	34.50	2981.00
	9.51-	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):				
16	9.51.2	With float glass panes of 5 mm thickness	10.01	SQM	708.00	7084.00
17	9.11	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts, locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer.	4.20	sqm	3330.00	13986.00
	11.2-	12mm thick cement plaster of mix:				
18	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)	55.35	SQM	91.50	5065.00
	11.3-	15mm thick cement plaster on the rough side of single or half brick wall of mix:				

S.No.	ITEM CODE	PARTICULAR	QUANTITY	UNIT	RATE	AMOUNT
19	11.3.4-	In Cement Mortar 1:6 (1 cement : 6 fine sand)	204.61	SQM	107.00	21893.00
	12.79	Providing and laying DOUBLED/MULTI CHARGE (minimum 2.0 mm)VITRIFIED floor tiles with water absorption less than 0.05% and conforming to IS:15622-2017 of 1st quality of approved make in all colours,shades and size mentioned below (+/- 10mm) laid on 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.				
20	12.79.1	Size 600x600 mm thickness 9 to 10 mm	107.39	SQM	1151.00	123600.00
21	14.13	Providing and applying 2mm thick ready mix exterior grade putty (Birla wall care, Alltek Superfine W/R of (NCL), J.K. wall putty) on walls to make the surface smooth and even.	259.96	SQM	94.50	24566.00
	14.16	Painting exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:				
22	14.16.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	156.45	SQM	74.50	11656.00
	14.11	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.				
23	14.11.1	On new work (two or more coats)	103.51	SQM	52.50	5434.00
24	14.20-	Applying priming coat on wood work with ready mixed primer.	9.64	SQM	23.50	226.00
25.00	14.21	Applying priming coat on steel work with red oxide zinc chromate primer.	37.00	SQM	17.50	648.00
	14.22-	Painting on new work (two or more coats) to give an even shade with:				
26	14.22.1-	Satin synthetic enamel paint (top most approved branded quality)	46.64	SQM	55.00	2565.00
27	10.63	Providing and fixing 97mm thick Gypsum board partition upto ceiling height consisting of frame work "W" / "U" / "L" sections made of G.I. sheet with zinc coating of grade 120, consisting of floor and ceiling channel 50mm wide having equal flanges of 32mm and 0.55mm thick fixed to the floor and ceiling at the spacing of 610mm centre to centre with dash fastener of 12.5mm diameter 40mm length and the studs 48mm wide having one flange of 34mm and other flange 36mm and 0.55mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610mm centre to centre by 6mm dia bolts and nuts at both ends of partition fixed flush to wall with rawl plugs at spacing of 450mm centre to centre and fixing of boards to either side of frame work by 25mm dry wall screws on studs, floor and ceiling channels at the spacing of 300mm centre to center and 97mm thick Gypsum board which includes one layer of tapered edge 12.5mm thick Gypsum plaster board (conforming I.S. 2095-1982) screw fixed with 25mm screws at 300mm centre to centre to either side, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, joint finisher and two coats of primer suitable	100.50	SQM	758.00	76175.00
					TOTAL	451390.00

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