

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क्र. 261/2024

सिस्टम टेंडर नं. 166452

कोरबा दिनांक 28.03.2025

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 एवं विद्युत 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-प्रोक्युरमेंट (E-Tendering) के माध्यम से निविदा प्रपत्र Form-A में निविदा आमंत्रित की जाती है:-

1. फिजिकल सबमिशन लिफाफा प्राप्त होने की अंतिम तिथि - 22.04.2025 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि - 22.04.2025 सायंकाल 4.00 बजे से

क्र.	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	नगर पालिक निगम कोरबा अंतर्गत 100 बेड हॉस्पिटल में एन.एन.सी.यू. हॉल, गैलरी शोड, रैम्य एवं बाउण्ड्रीवाल का निर्माण कार्य (खनिज न्यास मद)	41.13	31000/-	05 माह	1500/-	वर्ग डी एवं प्रवर श्रेणी	22.04.2025 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 उन्हे 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 स्कैन 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 कोसावाड़ी 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 सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी 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. 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।
10. निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
11. निविदा प्रपत्र फार्म -ए की कंडिका 11 Price Adjustment (एस्कलेशन) देय नहीं होगा।
12. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
13. निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
14. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।
15. ठेकेदार द्वारा संपादित किए गए कार्यों के देयकों का भुगतान कार्य विशेष हेतु बजट आबंटन एवं राशि उपलब्ध होने पर किया जाएगा।
16. 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।
17. कार्य क्रियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जावेगा।
18. ठेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गए प्रावधानों का पालन करना अनिवार्य होगा।

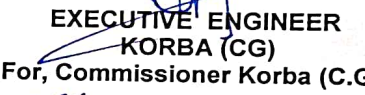
प्रतिलिपि-

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

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

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		28.03.2025	12.30	28.03.2025	12.30	Release Tender
2		Bid Submission	28.03.2025	12.30	21.04.2025	17.30	
3		Physical Document Submission	28.03.2025	12.30	22.04.2025	15.00	
4	Tender Open		22.03.2024	16.00	--	--	


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

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

ABSTRACT

Name of Work
As per SOR

EXTENSION OF SNCU ROOM OF 100 BED HOSPITAL IN KOSABADI ZONE
SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01 01 2015]

S.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	163	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead.				
	33	In cement mortar	cum	10.24	263.00	2,693.12
2	11	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				
	11	In all types of soils	cum	31.64	185.00	5,853.40
3	117	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	31.64	65.00	2,056.60
4	118	Providing and filling in plinth with sand/ Crusher dust and hard moonum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering including dressing etc. complete	cum	8.21	371.00	3,045.91
5	126	Carnage by mechanical transport upto 5 km lead:				
	61	Earth	cum		111.00	
	63	Dismantled Building debns (Mulba)	cum	10.24	91.50	936.96
6	21	Providing and fixing form work including centring, shuttering, strutting, staging, propping, bracing etc. complete and including its removal at all levels, for				
	11	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level	sqm	59.64	139.00	8,289.96
	15	Columns, Pillars, Piers and likes- rectangular or square in shape	sqm	33.6	297.00	9,979.20
	17	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	sqm	52.5	235.00	12,337.50
	18	Beams, lintels, cantilevers & walls	sqm	52.2	202.00	10,544.40
7	31	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				
	13	1:3:6 (1 cement 3 coarse sand 6 graded stone aggregate 40mm nominal size)	cum	8.21	2970.00	24,383.70
	15	1:1½:3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size)	cum	2	4073.00	8,146.00
8	32	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				
	21	1:1½:3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size)	cum	27.21	4163.00	113,275.23
9	312	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				

SN	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	2	Thermo-Mechanically treated bars FE 415	kg	2721	54.50	148,294.50
10	7.5	Brick work with modular fly-ash lime bricks (Fa.L.G Bricks) conforming to IS 12634-2002 of class designation 4.0 in foundation and plinth in				
	5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)	cum	23.8	3263.00	77,659.40
11	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	cum	16.84	121.00	2,037.64
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 welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer	kg	80	67.50	5,400.00
13	9.2	Structural steel work riveted or bolted or welded in built-up sections, trusses and frames work upto a height of 5m above plinth level, including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer	Kg	80	66.00	5,280.00
14	8.155	Providing and fixing factory made Pre-laminated particle board flat pressed three layer or graded wood particle board shutter (25 mm thick) with one side decorative finish and other side balancing lamination conforming to IS 12823 Grade I Type II of approved design and edges sealed with water resistant paint and topped with aluminium U type edge beading all-round the shutter including fixing with angle cleat, gnp strip cadmium plated steel screws including fixing of stainless steel hinges 100x17mm etc complete as per direction of Engineer-in-Charge	sqm	5.04	3483.00	17,554.32
15	8.167	Providing and fixing factory made Upvc white colour sliding glazed door comprising of Upvc multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to Upvc profile) appropriate dimension Upvc extruded glazing beads, Upvc extruded interlock and Upvc extruded inline sash adaptor (if required), EPDM gasket, wool pile, zinc alloy (white powder coated) handle with key on one side of extreme panels along with zinc plated mild steel multi point locking having transmission gear with keeps, zinc alloy (white powder coated) crescent lock (if required), stainless steel (SS 304 grade) body with adjustable double nylon rollers (weight bearing capacity to be 120 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame, the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approve drawing & direction of Engineer-in-Charge (Single / double glass panes, wire mesh and silicon sealant shall be paid separately vide chapter no. 9.51, 9.58, 9.59 Respectively) Note: For Upvc frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be completed				
F.3		Threctrack three panels sliding door with fly proof S.S wire mesh (Two nos. glazed 4 one no. wire mesh panels) made of (big series) frame 116 x 45 mm & sash 46 x 82 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / glazing bead of appropriate dimension (Area of door above 2.00 sqm upto 5 sqm)	Sqm	7.2	6532.85	47,036.52

S.N	RE	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
16	8 53	Providing and fixing bright finished brass butt hinges with brass polished MS screws complete				
	8 5	100x70x4 00 mm (Ordinary Type)	each	12	122 00	1 464 00
17	8 60	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete				
	0 2	250x16mm	each	2	344 00	688 00
18	8 61	Providing and fixing brass door latch with brass polished MS screws complete				
	1 2	250x16x5 mm	each	2	268 00	536 00
19	8 62	Providing and fixing bright finished brass lower bolts (barrel type) with brass polished MS screws complete:				
	2 4	100x10mm	each	4	119 00	476 00
20	8 65	Providing and fixing bright finished brass door handles with brass polished MS screws complete				
	5 2	100 mm	each	8	49 00	392 00
21	11 1	Providing and making 6mm thick cement plaster of mix				
	1 2	In Cement mortar 1 4 (1 cement 4 fine sand)	sqm	52 5	87 00	4 567 50
22	11 2	Providing and making 12mm thick cement plaster of mix				
	2 4	In Cement Mortar 1 6 (1 cement 6 fine sand)	sqm	92 86	91 50	8 495 69
23	11 3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix				
	3 4	In Cement Mortar 1 6 (1 cement 6 fine sand)	sqm	118 9	107 00	12 722 30
24	12 7	Providing and fixing 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) and jointing with grey cement slurry @ 3 3kg per sqm including pointing in white cement mixed with matching pigment complete.				
	7 2	Size above 200x300mm	sqm	43 5	646 00	28 101 00
25	12 13	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0 5% and conforming to IS 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm) laid on 20mm thick cement mortar 1 4 (1 cement 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete				
	3 1	Size 600x600mm	sqm	70	1151 00	80 570 00
26	14 13	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care Alltek Superfine W/R of (NCL) Asian, ICI Nerolac, J K wall putty) on walls to make the surface smooth and even				
			sqm	364 26	94 50	34 422 57
27	14 12	Applying one coat of cement primer on wall surface (applied @ 0 80 ltrs/10 sqm) complete.				
			sqm	364 26	23 00	8 377 98
28	14 11	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade				
	1 1	On new work (two or more coats)	sqm	145 3	52 50	7 628 25
29	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				
	5 1	On new work (Two or more coats applied @ 1 43 ltr/ 10 sqm over and including priming coat of extenor primer applied @ 2 20 kg/ 10 sqm)	sqm	119	56 00	6 664 00
30	14 22	Painting on new work (two or more coats) to give an even shade with				

S.N	RE	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
21		synthetic enamel paint					
29		12 mm thick solid PVC sheet with decorative lamination on both sides of approved quality and make	sqm	15.48	55.00	851.40	
31	947	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 1858, minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately)	sqm	71.25	1022.00	72,817.50	
71		For fixed portion		0	100	331.00	33,100.00

As per Estimate Amount Rs. 806,679.55
 Extra for Internal Electrification Add Above 12 % 96,801.55
 00.0 903,481.10
Say Rs.


 Sub Engineer
 Nagar Palik Nigam,
 Korba


 Asst. Engineer
 Nagar Palik Nigam,
 Korba

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

Name of Work
As per SOR

ABSTRACT
CONSTRUCTION OF GALLERY SHED IN 100 BED HOSPITAL AT KOSABADI ZONE
SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT (PWD BUILDING-01 01 2015)

S.N REF ITEM DESCRIPTION

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	20.16	185.00	3,729.60
2	1 26	Carriage by mechanical transport upto 5 km lead				
	6 1	Earth	cum	20.16	111.00	2,237.76
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 2	1:4:8 (1 cement 4 coarse sand 8 graded stone aggregate 40mm nominal size)	cum	2.52	2659.00	6,700.68
	1 5	1:1½:3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size)	cum	17.64	4073.00	71,847.72
4	9 3	Steel work in tubular (round, square or rectangular hollow tubes etc) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level consisting of columns, trusses, roof and bottom purlins, base plate, holding down bolts, wind ties, bracing (if required), bolts, nuts and washers for fastening etc complete with applying a priming coat of red oxide zinc chromate primer				
	3 1	Electric resistance or induction built welded tubes Grade-250	kg	14067.56	88.50	1,244,979.06
5	9 1	Structural steel work in single section including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer	kg	280	61.50	17,220.00
6	10 13	Supply and fixing of pre-coated TILE PATTERN profile sheets of approved make, colour, over all size, corrugation shape and pitch having total coated thickness (TCT) 0.45 mm (approx weight 4.9 kg/sqm) with Zn-Al coating and superior paint and having yield strength of 550 MPa. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation. The sheet shall be fixed using self drilling /self lapping screws of size (5 x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I limpet washers or with G.I limpet washers filled with white lead complete upto any pitch excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required	sqm	552	942.00	519,984.00
7	14 21	Applying priming coat on steel work with red oxide zinc chromate primer	sqm	300	17.50	5,250.00
8	14 22	Painting on new work (two or more coats) to give an even shade with				
	2 1	Satin synthetic enamel paint	sqm	300	55.00	16,500.00

As per Estimate Amount Rs. 1,888,448.82
Extra for Internal Electrification Add Above 2 % 37,768.98
00.0 1,926,217.80
Say Rs.

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

DETAILED ESTIMATE

**CONSTRUCTION OF RAMP AND BOUNDARY WALL IN 100 BED HOSPITAL KORBA
SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]**

Name of Work
As per SOR

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	11	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								
	11	In all types of soils					34.56			
		-COL	20	1.20	1.20	1.20				
		-WALL	1	50.00	0.40	0.40	8.00			
							Total	42.56	cum	185.00
										7873.60
2	117	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								
							42.56			
							Total	42.56	cum	65.00
										2766.40
3	163	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead								
	33	In cement mortar.								
			1	2.50	0.20	1.20	0.60			
			1	1.20	0.20	2.10	0.50			
			1	2.00	0.20	3.00	1.20			
							Total	2.30	cum	263.00
										604.90

SM 4 21 ITEM DESCRIPTION N L B H/D QTY UNIT RATE AMOUNT

21 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc complete and including its removal at all levels, for

11 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level

-F1	20X4	0.80	0.40	25.60		
-F2	20	1.00	0.90	18.00		
-P B	1X2	60.00	0.30	36.00		
Total				79.60	sqm	139.00 11064.40

15 Columns, Pillars, Piers and likes- rectangular or square in shape

	20	1.00	2.10	42.00		
Total				42.00	sqm	297.00 12474.00

5 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

12 1:4:8 (1 cement 4 coarse sand 8 graded stone aggregate 40mm nominal size).

	20	1.20	1.20	0.10	2.88	
	1	50.00	0.40	0.10	2.00	
	1	30.00	4.00	0.10	12.00	
Total				16.88	cum	2659.00 44883.92

15 1:1½:3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size)

-COPPING	1	50.00	0.20	0.10	1.00	
-CC ROAD	1	30.00	4.00	0.15	18.00	
Total				19.00	cum	4073.00 77387.00

6 3.2 Providing and laying nominal mix reinforced

REF ITEM DESCRIPTION N L B H/D QTY UNIT RATE AMOUNT

including cutting, hoisting,
fixing in position and
applying a priming coat of
red oxide zinc chromate
primer

500 00

Total 500 00 Kg 66.00 33000 00

10 93 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

32 Electric resistance or
induction butt welded tubes
Grade-300

1500 00

Total 1500 00 kg 93.50 140250 00

11 94 Extra for curvature in
making steel work in
tubular structure in
built-up sections, trusses
and frame work

1500 00

Total 1500 00 kg 2.30 3450 00

12 957 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

SNL ITEM DESCRIPTION N L B H/D QTY UNIT RATE AMOUNT

57 2 stainless steel bolts etc complete
 SS Grade 304
 300 00

Total 300 00 kg 525 00 157500 00

13 10 13 Supply and fixing of pre-coated TILE PATTERN profile sheets of approved make, colour, over all size, corrugation shape and pitch, having total coated thickness (TCT) 0.45 mm (approx weight 4.9 kg/sqm) with Zn-Al coating and superior paint and having yield strength of 550 MPa. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required


2 30 00 3 00 180 00
 1 10 00 4 00 40 00


Total 220 00 sqm 942 00 207240 00

14 10 16 Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS. 277 in 240mpa steel grade, 5-7 microns epoxy

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete								
16 1	Ridges plain (500-600mm)	1	30 00			30 00			
						Total	30 00 metre	552.00	16560.00
15 10 10	Extra for providing and fixing wind ties of 40x6mm flat iron section.	2X3	30 00			180 00			
						Total	180 00 metre	118 00	21240.00
16 11 2	Providing and making 12mm thick cement plaster of mix								
24	In Cement Mortar 1:6 (1 cement 6 fine sand)	1	50 00		2 10	105 00			
						Total	105 00 sqm	91.50	9607.50
17 11 3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix								
34	In Cement Mortar 1:6 (1 cement 6 fine sand)	1	50 00		2 10	105 00			
						Total	105 00 sqm	107 00	11235.00
18 12 7	Providing and fixing 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) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with								

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
						100 00			
					Total	172 00	sqm	94 50	16254 00
22 14 12	Applying one coat of cement primer on wall surface (applied @ 0 80 ltrs/10 sqm) complete					172 00			
					Total	172 00	sqm	23 00	3956 00
23 14 11	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade								
11 1	On new work (two or more coats)					172 00			
					Total	172 00	sqm	52 50	9030 00
24 14 22	Painting on new work (two or more coats) to give an even shade with								
22 1	Satin synthetic enamel paint	1 5	30 00	4 00		180 00			
					Total	180 00	sqm	55 00	9900 00
								As per Estimate Amount Rs.	1283854.20
								Say Rs.	


 Sub Engineer
 Nagar Palik Nigam
 Korba


 Asst Engineer
 Nagar Palik Nigam,
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