OFFICE OF MUNICIPAL CORPORATION KORBA

Notice Inviting Tender

NIT No: 39400/2026 Korba Dated 03.11.2026

Commissioner, Municipal Corporation Korba invites online Tenders on behalf of Municipal Corporation Korba on Form "A" for respective applicable Schedule of Rates from eligible class registered contractors in "unified Registration system e-Registration" PWD Chhattisgarh on Govt. of-C.G. e-Procurement System (http://eproc.cgstate.gov.in)

1	System Tender No.	**203418(1st Call)**
2	Name of Work/Description of Work	Construction of Toilet block and boundary wall at over head tank at ward no 15 **(CRTDA Fund)**
3	Probable Amount of contract	₹ 8.47 Lakhs
4	Earnest Money Deposit	₹ 6500.00 (I n shape of FDR/TDR in favor of Commissioner, Municipal Corporation, Korba)
5	Cost of Tender form fees	₹ 7 5 0 /- (I n shape of Demand Draft in favor of Commissioner, Municipal Corporation, Korba)
6	Eligible class of contractor / firm	Class- D & Above.
7	Time allowed for Completion	06 Months (Including rainy season)
8	SOR Applicable	PWD Building SOR 10.06.2026
9	Financial Capacity (as per clause 3.8.1)	₹ 1.27 Lakh valid Bank solvency certificate is to be attached along with the bid.

1. In order to participate in the tenders floated using the e-Procurement System, all contractors/bidders are required to get enrolled on the e-Procurement portal http://eproc.cgstate.gov.in.

2. The bids submitted online should be signed electronically with a Digital Certificate to establish the identity of the bidder bidding online. The registered contractors may obtain information required to issuance of Digital Certificate from e-Procurement System M Junction Raipur.

3. For submitting the bids online, the contractors/bidders are required to make online payment using the electronic payments gateway service Bid Hash Submission Fee as mentioned above the different modes of electronic payments accepted on the e-Procurement System is available and can be viewed online on the e-Procurement Website (http://eproc.cgstate.gov.in).

4. Tender Download, Submit Bid Hash online, Submission of Bids and other Documents and other activities will be governed by the time schedules given under – key Dates. Also, Bidder has to submit all the mandatory/required documents, if the mandatory/required documents not submitted by bidder then bid will be disqualified without any further clarification & Joint Venture /Consortium is not allowed.

5. Any bidder/contractor who is debarred, blacklisted, banned or suspended by the Central Government, State Government, Public Sector Undertaking (PSU), Urban

Local Body (ULB), or any Government Department as on the last date of bid submission shall not be eligible to participate in this bid. During the evaluation stage if it comes under the notice that the bidder hides crucial information related to his eligibility than the firm is disqualified and their financial bid shall not be opened.

6. The Bidders has to submit (Upload Scan Copies/fill) his offer/credentials online as required in the tender in the online templates in relevant envelopes.

7. The Bidders may refer Help Manual available online to perform their online activity. The Commissioner, Municipal Corporation Korba (CG) reserves the right to reject any part of/whole tender without assigning any reason and to restrict the list of pre-qualified tenderer to any number deemed fit by it.

8. Before the deadline for submission of tender the Commissioner, Municipal Corporation, Korba (C.G.) may modify the tender document by issuing amendment. (Any amendment thus issued shall be part of the tender and shall be published on web site)

9. Tenderers are required to submit all documents/information with the technical tender as required in the NIT or elsewhere in the Tender Document, otherwise it shall lead to rejection of bids.

10. **As per Circular No. GENCOR-35/306/2026-UAD Date 21.05.2026 issued by the Urban Administration & Development Department, Government of Chhattisgarh, the BOQ/PAC has been prepared exculuding GST, Accordingly, bidders shall quote their rates excluding GST only.** Applicable GST shall be paid separately by the Municipal Corporation, Korba, subject to submission of a valid GST Tax Invoice and compliance with the provision of the GST Act. Rules and Government instructions in force.

    The aforementioned provision shall be applicable to estimates prepared on the basis of the CG PWD SOR 2026. However, in respect of estimates prepared on the basis of the CG PWD SOR 2015, the rates are inclusive of GST and all other applicable taxes. Accordingly, the bidder shall quote their rates inclusive of GST and all other applicable taxes in such cases.

11. The bidder shall quote the tender as a percentage either at par, above, or below the Schedule of Rates (SOR). Quoting item-wise rates for any SOR item shall lead to disqualification of the bid.

12. The bidders are required to submit 'Envelope "A & B" physically and online respectively as per dates Indicated in Key Dates. The Physical Envelope should contain the following: -

    A. Envelope 'A' (Key Submission - Submit physically & online)- All the required document submission is mandatory for opening of technical bid.

        i. The Earnest Money Deposit (EMD) in the form of FDR/TDR of a Nationalized or Scheduled bank of India in favour of the Commissioner, Municipal Corporation, Korba payable at District - Korba (CG). The Earnest Money of the successful Bidders will be retained as part of the security deposit.

        ii. Tender Document Fee (In the shape of demand draft in favour of

Commissioner, Municipal Corporation, Korba)

iii. Notarized Affidavit and Pre Contract Integrity Pact separately in Original as per prescribed format. (On ₹100/- non-judicial stamp paper each)

B. Envelope- 'B' (Technical Bid - Submit Online Only): -

i. The bidder mandatorily submits all relevant documents that demonstrate their eligibility and qualification as per the criteria outlined in the tender document. Incomplete or missing documents will result in automatic disqualification during the technical evaluation stage.

ii. Scanned copy of the Earnest Money, Tender Document Fee and Affidavit.

iii. Valid Registration Certificates. CG PWD and (Partnership Deed, registration amendment certificate as the case may be)

iv. Copy of PAN card issued by Income Tax Department.

v. Copy of Valid GST/ CGST Registration must be valid up to Bid due date as per key dates otherwise tender will be disqualified while opening.

vi. Valid Bank Solvency Certificate in Bank Letter Head. (Not older than 12 Months) mention the Bank Dispatch No. or Ref. No. or Verifiable unique number or Date otherwise tender will be disqualified while opening) The bank solvency shall be submitted by the contractor 15% on the cost put to tender.

vii. If the participating bidder is partnership firm than the memorandum of partnership of the firm.

viii. Income Tax Return acknowledgment of last three assessed financial years available as on bid due date.

ix. Documentary proof of the engineer appointment letter with appropriate date and authentication by authorized signatory along with relevant qualification certificates as well as valid photo identity proof of appointed engineer.

x. Registration certificate of EPF supported with Form 5A and ESIC. Last three months relevant payment receipt/challan copies of the dues subjected to the payments of EPF and ESIC is mandatorily needed to be enclosed.

Envelope- "C" - (Financial Bid - Submit Only Online)

If the bidder quotes his rates in physical submissions than it will lead to disqualification during evaluation of the bid.

13. Physical Submission - The sealed envelope A should be sent by registered A.D. or speed post to **Office of the Commissioner, Municipal Corporation, Saket Bhawan, ITI Rampur Chowk, Kosabadi, Pin-495677 Korba (C.G.)** before expiry of physical submission of the bid. (Please mention the Name of Work, N.I.T. No. in Physical Envelope)

14. Required documents of qualified tenderer shall be opened online on the prescribed

date and time as per Notice Inviting Tender. After verification of proper and other required documents financial offers of such qualified bidders shall be opened online by the Commissioner, Municipal Corporation, Korba (C.G.) in the presence of the tenderer (s)/ representative who choose to attend at that time.

15. Additional performance shall be deposited by the successful bidder at the time of signing of agreement when the bid amount is seriously unbalanced. i.e. less than the estimated cost by more than 10% in such an event the successful bidder will deposit the additional performance security to the extent of differential cost of bid amount and 90% of the estimated cost in shape of Bank guarantee of Nationalized Bank in favor of Commissioner, Municipal Corporation, Korba (C.G.) in Additional to EMD failing which the tender in this favor shall be liable for Rejection. The same shall be released along with the normal Security Deposit.

16. It is mandatory for bidder to submit all mandatory/required documents in online in website *http://eproc.cgstate.gov.in.* Any documents which are not submitted in online but submitted physically will not be accepted.

17. Bidder has to submit all the mandatory/required documents, if the mandatory/required documents not submitted by bidder then bid will be disqualified without any further clarification.

18. If any document as required is not received as per the desired form, then the Bidder will be disqualified without any further clarification and his financial bid will not be opened.

19. The provision of Clause 11 regarding price escalation shall not be applicable under this contract. No escalation or increase in the contract price will be paid for any reason, including fluctuations in material costs, labor wages, or any other inputs, during the entire duration of the project.

20. In case of any discrepancy, ambiguity or dispute related to the interpretation of the term and condition of the tender documents, the decision of the Commissioner, Municipal Corporation Korba, shall be final and binding on all parties involved.

21. After the issuance of the work order, the successful bidder must mandatorily comply with the all-applicable rules and regulations of relevant government departments, including but not limited to those related to mining labor laws, income tax, Goods and Service tax (GST), other statutory obligations. The bidder will be solely responsible for adhering to these regulations throughout duration of the project.

22. The successful bidder shall mandatorily register himself under the Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996. Proof of such registration shall be submitted for processing of running and final bills. Further, labour cess at the rate of 1% shall be deducted from each running and final bill as applicable.

23. The evaluation of bids shall be carried out by considering the lowest aggregate amount. The bidder quoting the lowest rate shall be considered as the Lowest Bidder (L1).

24. Security deposit at the rate of 5% shall be deducted from each running and final bill and shall be refunded to the contractor after completion of the security period of one year, reckoned from the date of completion of work, subject to certification that the work is in good condition.

25. The contractor shall also be responsible for performance of work carried out by him for a period of 36 (Thirty-Six) Month beyond the completion of work for which performance security has to be furnished by him @ 5% (five percent) of amount of contract. For this purpose, contractor has to submit to the department a Bank Guarantee of 5% amount of the value of work done on every running and final bill payable to him. If contractor fails to submit bank guarantee of 5% amount of the gross bill, then 5% amount of bill shall be deducted from his running and final bill payment. However, the contractor can get refund of such performance cash security amount deducted if he submits appropriate bank guarantee valid for the period as stated above or 36 (Thirty-Six) Month after actual completion.

26. If the successful contractor fails to execute the agreement within the stipulated time period prescribed in the tender document, action shall be taken as per the provisions contained in the tender conditions. In addition, thereto, as per the resolution passed by the Municipal Council of Municipal Corporation Korba, the contractor shall also be liable to be debarred from participating in any future tenders invited by the Municipal Corporation Korba for a period of 06 (six) months."

27. If the contractor fails to complete the work within the stipulated time period after issuance of the work order, action shall be taken against the contractor as per the terms and conditions of the agreement. In addition, thereto, as per the resolution passed by the Municipal Council of Municipal Corporation Korba, the contractor shall also be liable to be debarred from participating in any future tenders invited by the Municipal Corporation Korba for a period of 01 (one) year."

28. All OPVC/PVC/HDPE pipes shall be tested at Central Institute of Plastic Engineering & Technology (CIPET). All ductile iron pipes, if used, shall be inspected and tested through third-party inspection agencies such as SGS, RITES or equivalent, at the contractor's cost, and only pipes conforming to relevant IS standards shall be accepted; non-conforming materials shall be rejected at the contractor's risk and cost without any claim. Payments due towards the contractor will be processed only after submission of the relevant test certificates and inspection reports.

29. Upon issuance of the work order, the successful bidder shall comply with all provisions of the Construction and Demolition Waste Management Rules, 2016.

Executive Engineer
Municipal Corporation
Korba (Chhattisgarh)

Copy to :-

Programer, Directorate, Urban Administration and Develpment, Raipur for upload web site www.uad.gov.in.

SYSTEM TENDER No 203418(1st Call)

NIT No: 39400/2026

Korba Dated 03.11.2026

Key Dates

Task	Date	Time
Bid Start Date	03.11.2026	12.00 Hrs
Bid Due Date	25.11.2026	17.30 Hrs
Physical Doc Submission End Date	30.11.2026	15.00 Hrs
Bid Open Date (Scheduled)	30.11.2026	16.00 Hrs

Executive Engineer
Municipal Corporation
Korba (Chhattisgarh)

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

Name of work:- Construction Of TOILET BLOCK And boubdary wall at over head Tank at ward 15

As per SOR Schedule of rates public works department[PWD BUILDING-10.06.2026]

S.N.	SOR Ref.	ITEM DESCRIPTION	NO	L	B	D/H	QTY	UNIT	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	In all types of soil								
			6	1.20	1.20	1.20	10.37			
			6	4.00	0.60	0.60	8.64			
			4	3.00	0.60	0.40	2.88			
			2	1.80	0.60	0.40	0.86			
			2	1.50	0.60	0.40	0.72			
		septic tank	1	3.00	3.00	1.80	16.20			
						Total=	19.67	Cum	157.00	3088.50
2	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	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
			24	0.50	0.30		3.60			
			12	0.20	0.6		1.44			
			12	0.30	0.6		2.16			
			6	4.40	0.300		7.92			
			6	3.10	0.300		5.58			
						Total=	20.70	Sqm	118.00	2442.60
	5	Columns, Pillars, Piers and likes-rectangular or square in shape								
			12	0.20		2.40	5.76			
			12	0.30		2.40	8.64			
						Total=	14.40	sqm	252.00	3628.80
	7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
			1	6.00	4.00		24.00			

		chhajja	1	4.40	0.60		2.64			
			1	3.00	2.40		7.20			
						Total=	33.84	sqm	200.00	6768.00
	8	Beams, lintels, cantilevers & walls								
			6	4.40	0.300		7.92			
			6	3.40	0.300		6.12			
						Total=	14.04	sqm	172.00	2414.88
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.								
			6	1.20	1.20	0.10	0.86			
			2	6.00	0.60	0.10	0.72			
			2	3.40	0.60	0.10	0.41			
			4	1.80	0.60	0.60	2.59			
			4	1.50	0.60	0.10	0.36			
			1	6.00	3.40	0.20	4.08			
		septic tank	1	3.40	3.00	0.10	1.02			
						Total=	10.04	Cum	315.00	3163.86
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.								
	3	1:3:6(1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
			6	1.20	1.20	0.10	0.86			
			2	6.00	0.60	0.10	0.72			
			2	3.40	0.60	0.10	0.41			
			4	1.80	0.60	0.10	0.43			
			4	1.50	0.60	0.10	0.36			
			1	6.00	3.40	0.10	2.04			
		septic tank	1	3.40	3.00	0.10	1.02			
						Total=	4.34	Cum	2525.00	10968.60
6	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.								
	1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		COLUMN	6	1.10	1.10	0.25	1.82			
		FOOTING	6	0.50	0.50	0.30	0.45			
			6	0.20	0.30	0.60	0.22			
			4	4.40	0.20	0.30	1.06			

			4	3.40	0.20	0.30	0.82			
			4	1.80	0.20	0.30	0.43			
			4	1.50	0.20	0.30	0.36			
			6	0.20	0.30	2.90	1.04			
			6	4.40	0.20	0.30	1.58			
			6	3.40	0.20	0.30	1.22			
			4	1.80	0.20	0.30	0.43			
			4	1.50	0.20	0.30	0.36			
		SLAB	1	6.00	4.00	0.13	3.00			
			2	4.40	0.60	0.15	0.79			
						Total=	12.38	Cum	3539.00	43816.36
7	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:					0.00	Cum	97.50	
8	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:								
	1	Thermo-Mechanically treated bars FE 500D								
			1	90	12.38		1114.29			
						Total=	1114.29	kg	46.00	51257.34
9	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	3	Cement Mortar 1:5 (1 cement : 5 coarse sand)								
			4	4.40	0.20	0.30	1.06			
			4	5.00	0.20	0.30	1.20			
			4	1.80	0.20	0.30	0.43			
			4	1.50	0.20	0.30	0.36			
			4	4.40	0.20	2.40	8.45			
			6	5.00	0.20	2.40	14.40			
			4	1.80	0.20	2.40	3.46			
			4	1.50	0.20	2.40	2.88			
			4	4.40	0.20	0.60	2.11			
			4	5.00	0.20	0.60	2.40			
			4	3.40	0.20	1.80	4.90			
			6	2.40	0.20	1.80	5.18			
			6	2.00	0.30	0.20	0.72			
			6	2.00	0.60	0.20	1.44			
			6	2.00	0.30	0.20	0.72			
						Total=	46.20	Cum	2848.00	131588.99

10	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.								
	5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
			2	5.40	1.50	0.10	1.62			
						Total=	1.62	Cum	3462.00	5608.44
11	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.								
	2	Size above 200x300mm								
			12	1.80		1.20	25.92			
			12	1.50		1.20	21.60			
			12	1.00		1.20	14.40			
			12	1.20		1.20	17.28			
						Total=	79.20	sqm	549.00	43480.80
12	12.9	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 withwhite cement mixed with matching pigment etc., complete.								
	1	Size 300x300mm	1	6.00	3.40		20.40			
						Total=	20.40	sqm	588.00	11995.20
14	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.								
		ventilator	4	12.00			48.00			
						Total=	48.00	Kg	57.00	2736.00
15	11.1	Providing and making 6mm thick cement plaster of mix								
	2	In Cement mortar 1:4 (1 cement : 4 fine sand)								
			2	4.4	4.00		35.2			

			2	3.50	0.60		4.2			
						Total=	39.40	sqm	79.00	3112.60
16	11.2	Providing and making 12mm thick cement plaster of mix								
	4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
			4	4.40		3.90	68.64			
			4	4.00		3.90	62.40			
						Total=	131.04	sqm	78.00	10221.12
17	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
			4	4.40		3.30	58.08			
			4	2.60		3.30	34.32			
			8	1.20		3.30	31.68			
			8	2.20		3.30	58.08			
						Total=	132.16	sqm	96.00	12687.36
6	14.56	Providing and applying 2mm thick white cement based polymeric Exterior grade Putty with minimum 3 coats applied @ 5.4 kg/ 10Sqm as per relevant IS code 17545:2021 (Product such as Birla wall care, Asian trucare, JK wall putty, Berger Bison wall putty) to make the surface smooth and even with all tools tackles and labour etc. complete for the work								
							212.60			
						Total =	212.60	sqm	73.00	15519.80

	14.64	Providing and applying Premium plastic emulsion paint with roller application minimum three coats applied @ 0.75 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -1 Class D & C (Glossy and Semi Glossy Finish) of required shade (Product such as Asian Apcolite Premium , Dulux Super Cover, Berger Easy Clean , Nippon Breezee Metex Gold, Opus I-50 / Calista) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work.(with 3 year Warranty					170.44	sqm	71.00	12101.24
	1	On new work (Two or more coats)								
	14.68	Providing and applying on exterior surface with PREMIUM Exterior emulsion paint of required shade to give protective and water proof finish minimum 3 coats applied @ 1.40 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -2 Class D , C (Glossy /Semi Glossy finish) (Product such as Asian Apex , Dulux Weather Shield Prima E900 , Berger Weathercoat Antidust , Nerolac Everlas Excel , Nippon Sumo Etra, Opus True flex) inclusive of providing abro tape on edges and articleand cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work.(With 3Year Warranty.)					132.16	sqm	71.00	9383.36
	1	On new work (Two or more coats applied 1.43 ltr/ 10 sqm over								
	8.14	Providing and fixing flush door shutters, core of block board construction with frame of first class hard wood and well matched first class Indian teak ply veneering on one face and commercial ply veneering on the other face of the shutter with vertical grains, cross bands and face veneering excluding hinges								
	2	35 mm. thick (single leaf)+8.15								
			2	1.00		2.10	4.20	sqm	1435.00	6027.00

22	8.141	Providing and fixing Stainless steel "D" shape door handles made of 10mm dia rod with necessary stainless steel screws etc complete.								
		8.141.2 150 mm				Total=	4.00	nos	42.00	168.00
23	8.58	Providing and fixing bright finished brass butt hinges with brass polished MS screws complete:								
		8.58.1 125x85x5.50 mm (Heavy Type)				Total=	4.00	nos	208.00	832.00
24	8.143	Providing and fixing stainless steel hanging door stopper with necessary stainless steel screws complete.								
	1	Single				Total=	3.00	nos	40.00	120.00
24	8.149	Providing and fixing factory made PVC door shutters of specified thickness made of styles and rails of a UPVC hollow section of specified size 59x24 mm and wall thickness 2 mm ± 0.2 mm with inbuilt edging on both sides. The styles and rails mitred and joined at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws								
	2	8.149.1 24 mm thick door shutters with styles and rails of size 59x24 mm side	2	0.80	2.00		3.20			
						Total=	3.20	sqm	2039.00	6524.80
									TOTAL=	**399655.66**

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

Sub Engineer
Municipal Corporation
Korba (C.G.)

PART - B -SANITATION WORK

1	18.76	Providing and fixing on wall face UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers,jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.								
	1	75 mm dia pipe.	1	15.00			15.00	metre	155.00	2325.00
	2	110 mm dia pipe.	1	15.00			15.00	metre	227.00	3405.00
2	18.1	Providing and fixing water closet squatting pan (Indian type W.C. pan),100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required :					1	each	2090.00	2090.00
	3	White Orissa pattern W.C. pan of size 580x440 mm								
		Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with ISI marked white plastic seat and lid, 10 litre PVC low level flushing cistern with fitting and brackets, 40mm flush bend, mosquito proof coupling complete, including painting of brackets, cutting and making good the walls and floors wherever required								
		WHITE					1	EACH	3901.00	3901.00
3	18.17	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required :					2	each	1364.00	2728.00
	1	White Oval or round size 550x400mm.								

4	18.77	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.								
	1	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	1	75 mm					6.00	each	96.00	576.00
	2	110 mm					6.00	each	131.00	786.00
	3	Vent covel								
	1	75 mm					8.00	each	29.00	232.00
	6	Nahani trap 110x75mm					6.00	each	77.00	462.00
5	19.51	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. CONCEALED WORK including cutting chases and making good the walls etc								
	1	15 mm nominal outer dia .Pipes.					25.00	metre	113.00	2825.00
	3	25 mm nominal outer dia .Pipes.					20.00	metre	181.00	3620.00
	4	32 mm nominal outer dia .Pipes.					15.00	metre	241.00	3615.00
6	19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:								
	1	Bib cock (250 grams)					6.00	each	157.00	942.00
7	19.14	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:								
	6	Stop cock (concealed) (600 grams					4.00	each	420.00	1680.00
	4	Piller Cock (400 grams)					1.00	each	338.00	338.00
8	19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:								
	1	Bib cock (400 grams)					5.00	each	325.00	1625.00
	2	Long nose bib cock (500 grams)					2.00	each	387.00	774.00

	11	Hand shower set with flexible extension pipe					1.00	each	641.00	641.00
9	19.15	Providing and fixing stainless steel drain jali of approved make/quality.					6.00	each	43.00	258.00
10	19.16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):								
	1	25 mm nominal bore					2.00	each	371.00	742.00
	2	32 mm nominal bore.					2.00	each	434.00	868.00
11	19.51	Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm^2 in cement mortar 1:4 (1 cement : 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design :					1.00	each	3703.00	3703.00
13	19.42	Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.					1000.00	litre	6.00	6000.00
									TOTAL =	44136.00
									Part A	399655.66

Total=	**443791.66**
BOUNDARY WALL	**403506.94**
	847298.60
Add 18%gst	**152513.75**
Total=	**999812.34**
Say rs .=	**1000000.00**

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

Sub Engineer
Municipal Corporation
Korba (C.G.)

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

DETAILED ESTIMATE

Name of work:- Construction of Boundary wall

As per SOR:Schedule of rates public works department[PWD BUILDING-10.06.2026]

S.N.	SOR Ref.	ITEM DESCRIPTION	NO	L	B	D/H	QTY	UNIT	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	In all types of soil								
			30	1.20	1.20	1.20	51.84			
			1	110.00	0.40	0.40	17.60			
						Total=	69.44	Cum	157.00	10902.08
2	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	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
			30	1.00	1.5		45.00			
			2	110.00	0.300		66.00			
						Total=	111.00	Sqm	118.00	13098.00
	5	Columns, Pillars, Piers and likes-rectangular or square in shape								
			60	0.20		1.50	18.00			
			60	0.30		1.50	27.00			
						Total=	45.00	sqm	252.00	11340.00
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.								
			30	1.20	1.20	0.10	4.32			
			1	120.00	0.40	0.10	4.80			
						Total=	9.12	Cum	315.00	2872.80
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.								
	3	1:3:6(1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
			30	1.20	1.20	0.10	4.32			
			1	110.00	0.40	0.10	4.40			

						Total=	8.72	Cum	2525.00	22018.00
6	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.								
	1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		COLUMN	30	1.20	1.20	0.25	10.80			
			30	0.20	0.30	1.50	2.70			
			1	105.00	0.20	0.30	6.30			
			30	0.20	0.30	0.30	0.54			
						Total=	20.34	Cum	3539.00	71983.26
7	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:					0.00	Cum	97.50	
8	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:								
	1	Thermo-Mechanically treated bars FE 500D								
			1	80	20.34		1627.20			
						Total=	1627.20	kg	46.00	74851.20
9	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	3	Cement Mortar 1:5 (1 cement : 5 coarse sand)								
			1	105.00	0.20	0.40	8.40			
			1	105.00	0.20	1.50	31.50			
						Total=	39.90	Cum	2848.00	113635.20
10	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.								
	5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
			1	110.00	0.20	0.10	2.20			
						Total=	2.20	Cum	3462.00	7616.40
16	11.2	Providing and making 12mm thick cement plaster of mix								
	4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
			1	110.00		2.40	264.00			
						Total=	264.00	sqm	78.00	20592.00

17	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
			1	105.00		2.40	252.00			
						Total=	202.00	sqm	96.00	19392.00
6	14.56	Providing and applying 2mm thick white cement based polymeric Exterior grade Putty with minimum 3 coats applied @ 5.4 kg/ 10Sqm as per relevant IS code 17545:2021 (Product such as Birla wall care, Asian trucare, JK wall putty, Berger Bison wall putty) to make the surface smooth and even with all tools tackles and labour etc. complete for the work								
							279.00			
						Total =	279.00	sqm	73.00	20367.00
	1	On new work (Two or more coats)								
	14.68	Providing and applying on exterior surface with PREMIUM Exterior emulsion paint of required shade to give protective and water proof finish minimum 3 coats applied @ 1.40 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -2 Class D , C (Glossy /Semi Glossy finish) (Product such as Asian Apex , Dulux Weather Shield Prima E900 , Berger Weathercoat Antidust , Nerolac Everlas Excel , Nippon Sumo Etra, Opus True flex) inclusive of providing abro tape on edges and articleand cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work.(With 3Year Warranty.)					209.00	sqm	71.00	14839.00
	1	On new work (Two or more coats applied 1.43 ltr/ 10 sqm over								
									TOTAL=	**403506.94**

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