

#### **UNIVERSITY OF CALCUTTA**

OFFICE OF THE UNIVERSITY ENGINEER 87/1, College Street Darbhanga Building, GroundFloor Kolkata-700073 Website :-www.caluniv.ac.in

### **NOTICE INVITINGQUOTATION**

	University of Calcutta invites sealed tender from resourceful and bonafide contractors for the following work						
1.	N.I.T. No:	Eng /CT-11/ 22-23 Date: 07.04.2022					
2.		REPAIRING AND PAINTING OF ALL TOILETS OF STUDENT FROM GROUND FLOOR TO THIRED FLOOR AND STAIR					
	Name of the work:	BLOCKS ONLY 2 <sup>nd</sup> and 3 <sup>rd</sup> FLOOR AND 3 <sup>RD</sup> FLOOR CORRIDOR AT P.G. MEN STUDENT HALL, 1 NO. VIDYASAGAR					
	Name of the work.	STREET, KOLKATA -700009.					
3.	Estimated Cost put to Tender:	Rs.369151.50 (Excluding G.S.T)					
4.	Earnest Money:	A sum of 2% of the quoted amount in the form of <b>CTS</b> demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills. <b>EMD is not exempted in any case.</b>					
5.	Time of completion:	45days					
6.	Eligibility Criteria and	Valid trade License, GST & PAN and credential for satisfactory completion of similar nature of job amounting75					
	Documents to be submitted along with	% of the estimated value in a single tender in the last three financial years in  Government /Government Undertaking or University of Calcutta. Original documents may be asked for verification					
Application. Government /Government Undertaking or University of Calcutta. Original documents may be asked to Application.							
		rejected.					
		The participant bidder must submit the following documents in sealed envelope in the tender box kept at the Office of the Engineer at the Ground Floor of the Darbhanga Building, University of Calcutta, 87/1, College Street, Kolkata – 700073 within the last date of submission of the tender.  1. NIT documents duly filled and signed by the intending bidder.  2. Bank Draft for EMD in favour of the University of Calcutta.  3. Self-attested copy of Valid trade License, GST & Pan and credentials for satisfactory completion of similar nature of jobs under Government, Government Undertaking and Universities etc. within last three years.  4. Application through postal service or courier service is not accepted.					
7.		4. Application through postal service of country service is not accepted.					
<b>'</b> .	Date of receipt	On 12/04/2022 from 11AM to 4 PM (Must contain above mentioned document. The					
	of application for tender	application duly signed by Engineer CU should be enclosed with tender documents.					
8.	Last date of Sale/						
	issue of tender papers	TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)					
9.	Last Date and Time of tender	Dully filled and signed tender/quotation to be submitted on 20 $/$ 04 $/$ 2022 from 11am to 2.00 PM in to the Tender Box kept in					
	Submission	the Office of the University Engineer					
10.	Date and Time of	At or after 20/04/2022 after 3 pm at the Office of the University Engineer. Intending bidders are requested to be present at					
	Tender Opening the time of opening tenders/quotations						

N.I.T no : Name of work and the date of opening should be written on the sealed envelope otherwise tender will not be opened and will be rejected.

The undersigned reserves the right to reject any or all Tenders without assigning any reason what so ever.





## UNIVERSITY OF CALCUTTA

Name of the work:-REPAIRING AND PAINTING OF ALL TOILETS OF STUDENT FROM GROUND FLOOR TO THIRED FLOOR AND STAIR BLOCKS ONLY 2<sup>nd</sup> and 3<sup>rd</sup> FLOOR AND 3<sup>RD</sup> FLOOR CORRIDOR AT P.G. MEN STUDENT HALL, 1 NO. VIDYASAGAR STREET, KOLKATA -700009.

N. I.T. no- Eng/	CT-11/ 22-23 Date: 07.04.2022
Estimated cost P	ut to Tender:-Rs. 369151.50 (Excluding G.S.T)
Nan	ne of Agency:-
Ado	dress of Agency:-
	e quoted by Agency:(in figure
and	, words)
Sig	nature of the Agency with date &stamp:-



## UNIVERSITY OF CALCUTTA

N. I.T. no: Eng/CT-11/ 22-23 Date: 07.04.2022

#### **GENERAL TERMS AND CONDITION**

- 1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial yearin sealed envelope in the Tender box kept in the Office of the undersigned with in the specified time mentioned in the NITwhich will be opened by the undersigned or by his representative with in the specified time and date mentioned in the NIT The tendered must write the name of the work, NIT no, the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.
- **2.** The rate should be quoted after inspection of the site and inclusive of all incidental charges i.e. freight, insurances, labour insurances, handling charges, necessary government taxes, duties etc as well as the Water, Electricity charges which are to be paid as per rules .
- **3.** The contractor shall be responsible to ensure compliance with the provision of minimum wages act 1948 as modified up to date and the rules made in respect of any employees, employed by the contractor directly or through the petty or subcontractor for the purpose of carrying this contract. The contractor shall be responsible for any damage, injury or loss caused by the work or workmen to any person, animal or material during the progress of work.
- **4.** Liquidated damage will be charged to the contractor if they fail to complete the work within the stipulated time, 0.01% per day to a maxi mumli mit of 10 % of the contract value.



**5.** The allotted time for completion of the work as specified in the NIT from the date of receipt of work order .Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

**6.**If the successful contractor's bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security .So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank Gurrantee shall be returned immediately on successful completion of contract.

(b) The University authority will retain a sum amounting to 10% of the bill of the contract for a period of six months from the date of completion of work as **Security Deposit**. Which will be released after a period of six months from the date of completion of the work on application.

7. A sum of 2% of the quoted amount in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills. EMD is not exempted in any case. The earnest money will be returned to unsuccessful tenderers on application after issue of work order to the successful bidder for successful tenderer the EMD will be returned on application after an equal amount of security deposit is deducted from the running bills.

Amount:-Rs			
D.D No	Dated	/	/20
Name of Issuing Bank:			
Branch :-			

**8.** Work is to be carried out as per specification laid in the B.O.Q or PWD specification as per instruction of the University Engineer or his representative.



- **9.**The materials brought to site for execution of the work should by no means be taken out of site without the permission of the Engineer C.U.
- **10.** The rates must be quoted in words in figure otherwise the tender will be cancelled.
- 11. The University will not be bound to accept the lowest bidder.
- **12**. The University will not supply any materials to the contractor.
- **13**. The contractor will work under the strict supervision of the Engineer/ Sub-Assistant Engineer. The estimate given along with the tender are provisional payment will be made on the actual work done jointly measured by the Engineer or his representative (Sub-Assistant- Engineer) & the contractor or his representative. The contractor will have to submit bill in printed format in duplicate.
- **14.** The contractor will have to take necessary instruction from the Engineer CU/ Sub-Assistant Engineer regarding the execution of work.

15. Defect & liability Period: The defect & liability period will be for a period of six months from the date of completion of the job. Any defects pointed out during this period has to be mend good by the agency at their own cost failing which the retention money will be for feited.

Sd/-

**University Engineer** 

Name of the Agency:

Address:-

Signature of the Agency with date &stamp:-

# Specific Price schedule For REPAIRING AND PAINTING OF ALL TOILETS OF STUDENT FROM GROUND FLOOR TO THIRED FLOOR AND STAIR BLOCKS ONLY 2<sup>nd</sup> and 3<sup>rd</sup> FLOOR AND 3<sup>RD</sup> FLOOR CORRIDOR AT P.G. MEN STUDENT HALL, 1 NO. VIDYASAGAR STREET, KOLKATA -700009.

SL.NO.	DESCRIPTION OF ITEM.	UNIT.	QUANTITY.	RATE.	AMOUNT.
				RS. P.	RS. P.
1.	Stripping off worn out plaster and				
(page11	raking out joints of walls, ceilings				
Item10).	etc. Up to any height and in any				
,	floor including removing rubbish				
	within a lead of 75m as directed.				
	4x3.45x1.5=20.70				
	6x2.55x2.05=31.36				
	4.0x2.15=8.6	Causa	175.00	10.00	2225.00
	5x1.15x1.8=13.5	Sqm.	175.00	19.00	3325.00
	8.4X3.3=27.72				
	3X4.75X3.15=44.89				
	20.7X1.1=22.77				
2.	Applying 2 coats of bonding agent				
(page45	with synthetic multi functional				
Item8a).	rubber emulsion having adhesive				
,	and water proofing properties by				
	mixing with water in proportion (1				
	bonding agent : 4 water : 6 cement)	Sqm.	175.00	88.00	15400.00
	as per Manufacturer's specification.	oqiii.	175.00	88.00	13400.00
3.	Cleaning the exposed reinforcement				
(page45	preferably up to full diameter by				
Item6).	wire brush, applying two coats of				
,	polymer based rust removing				
	compound left for 24 hours,				
	removing the coating and then				
	applying two (2) coats of polymer				
	modified anti corrosive protective				
	coating formulated to inhibit the				
	corrosion of reinforcement as per	Sqm.	5.00	782.00	3910.00
	manufacturer's specification				
4.	Plaster (to wall, floor, ceiling etc.)				
(page189	with sand and cement mortar				
Item1).	including rounding off or				
,	chamfering corners as directed and				
	raking out joints including throating,				
	nosing and drip course,				
	scaffolding/staging where	Sam	175.00	203.00	35535 00
	necessary.	Sqm.	1/3.00	203.00	35525.00
	With 1:6 cement mortar				
	25 mm thick plaster				
5.	Glazed shutters of doors, windows,				
(page119	fan light, clerestory windows etc. as				

				T	
Item4).	per design (with ordinary glass of				
	7.4kg./sq.m. 3mm. Thick) fitted with				
	putty bed and teak wood bead and				
	nails including fitting and fixing				
S	shutter in position but excluding the				
	cost of hinges and other fittings.				
	cost of glass, putty, wooded beads				
	etc.will be paid separately.				
	35mm thick shutters.				
	Sishu, Gamar, Champ,Badam,Bhola,				
	Mogra, Hallak.				
	15x0.6x1.0=9.00	sqm.	12.00	2752.00	33024.00
6.	Iron butt hinges of approved quality	34			333233
	fitted and fixed with steel screws,				
(page140	with IS75mm. X 60mm. X 3.15mml.				
Item5).	With 137311111. A 00111111. A 3.131111111.	Nos.	150.00	47.00	7050.00
7.	Anodised aluminium barrel / tower				
(page144	/ socket bolt (full covered) of				
Item26).	approved manufactured from				
itemzoj.	extruded section conforming to I.S.				
	204/74 fitted and fixed with	NI	25.00	00.00	2200.00
	cadmium plated screws:	Nos.	25.00	88.00	2200.00
	150mm long x 12mm dia. Bolt.	Nos.	50.00	114.00	5700.00
	225mm long x 12mm dia. bolt.				
8.	Anodised aluminium Aldrop /				
(page145	Sliding bolts of approved quality				
Item28).	manufactured from extruded				
, ,	section conforming to I.S.				
	specification (I.S. 2681/66) fitted	Nos.	9.00	297.00	2673.00
	and fixed complete.	1103.	5.00	257.00	2075.00
	300mm x 19mm dia. bolt.				
9.	Anodised aluminium D-type handle				
(page145	of approved quality manufactured				
	from extruded section conforming				
recinisoj.	to I.S. specification (I.S. 230/72)				
	fitted and fixed complete.	Nes	24.00	102.00	2472.00
	125 mm grip x 12 mm dia rode.	Nos.	24.00	103.00	2472.00
	2 .				
10.	Wood work in door and window				
(page114	frame fitted and fixed in position				
Item1).	complete including a protective				
	coat of painting at the contact				
	surface of the frame exluding cost				
	of concrete, Iron Butt Hinges and				
	M.S clamps. (The quantum should		0.25	02240.00	20004.50
	be corrected up to three decimals).	Cum.	0.25	83218.00	20804.50
	Sal : Malayasian				
	Supplying, fitting and fixing 18 mm				
(page81	thick marble partition slab with				
Item13).	chawk doongri marbel square cut,				
	h a tha ai al a a a a li a b a al	Ì		l	740000
<b>'</b>	both sides polished with two front	Sqm.	5.00	1426.00	7130.00
,	corners rounded and edges polished.	Sqm.	5.00	1426.00	/130.00

(page84   Item28A).   (page84   Item28A).   (page84   Item28B).   (page85   Item15).   (page85   Item15).   (page85   Item15).   (page85   Item15).   (page85   Item16).   (page85   Item16).   (page85   Item16).   (page85   Item16).   (page86   Item284).   (page86   Item16).   (page86   Item284).   (page86   Item16).   (page86   Item284).   (page86   Item16).   (page86   Item284).   (page86	12.	Supplying, fitting & Fixing EWC				
Item28A .   glazed vitreous chinaware of approved make supplying, fitting and fixing in position complete with encessary nut and bolts. (Model Code No. S10221114-P. Tray (CRUSE SET) of CERA or equivalent.)						
approved make supplying, fitting and fixing in position complete with necessary nut and bolts. (Model Code No. S10221114-P Trap (CRUSE SET) of CERA or equivalent.)  13.						
necessary nut and bolts. (Model Code No. 5.10221114-P Trap (CRUSE SET) of CERA or equivalent.)   supplying, fitting and fixing 10 litre white glazed vitreous chinaware of approved make with either side or bottom inlet, side overflow, brackets complete with all internal fittings. (Model Code No. 5.1060106 of CERA or equivalent.)   supplying, fitting and fixing complete. E W C (Model Code No. 5.1060106 of CERA or equivalent.)   supplying, fitting and fixing complete. E W C (Model Code No. 5.1060106 of CERA or equivalent.)   supplying, fitting and fixing complete. E W C (Model Code No. 5.1060106 of CERA or equivalent.)   supplying, fitting and fixing stell Wall Mounted Hinged hand rail (750/X100 mm) covered by Nylon surface with contour finish (for better grip) with two brackets. (Model Code No. B.2210108 of CERA or equivalent.). 750mm long.   Each. 2.00   6760.00   13520.00   13520.00   17.00   1041.00	itemzozj.					
Code No. S10221114-P Trap (CRUSE SET) of CERA or equivalent.)		and fixing in position complete with				
13.   Supplying, fitting and fixing 10 litre white glazed vitreous chinaware of approved make with either side or bottom inlet, side overflow, brackets complete with all internal fittings. (Model Code No. S1060106 of CERA or equivalent).   each.   1.00   2406.00   2406.00     14.   Soft Close seat cover of approved make with lid and C.P. hinges, rubber buffer and brass screws suppling, fitting and fixing complete. E W C (Model Code No. B1520118 of CERA or equivalent).   each.   1.00   1299.00   1299.00     15.   Supplying, fitting and fixing Stainless steel Wall Mounted Hinged hand rail (750X100 mm) covered by Nylon surface with contour finish (for better grip) with two brackets.(Model Code No. B2210108 of CERA or equivalent.).   750mm long.   750mm long.   16.   (page84 litem28Be).   B1810112 of CERA or equivalent.   17.   Cleaning I.P.W.C. with acid.   Each.   1.00   1041.00   1041.00   1041.00   18.   (page85 litem13).   18.   Cleaning urinal with channel with acid.   (page85 litem15).   19.   Cleaning glazed tiles with acid.   (page85 litem16).   4x2(3.45+3.6)1.5=91.2   4x4.0x3.6=57.6   Partition-4x2x2x4x1.5x1.5=144   20.   Rectifying leakage of W.C. by new (page86 litem15).   21.   Dismantling H.C.I. pipe with fittings including melting lead caulked litem18).   10.   1		necessary nut and bolts. (Model				
13.		Code No. S10221114-P Trap (CRUSE		4.00	F 4 4 C 0 O	F 4 4 C 00
(page84   ttem28B).   white glazed vitreous chinaware of approve low-down cistern of approve make with either side or bottom inlet, side overflow, brackets complete with all internal fittings. (Model Code No. 51060106 of CERA or equivalent).   each.   1.00   2406.00   2406.00		SET) of CERA or equivalent.)	each.	1.00	5446.00	5446.00
approve low-down cistern of approved make with either side or bottom inlet, side overflow, brackets complete with all internal fittings. (Model Code No. 51060106 of CERA or equivalent).	13.	Supplying, fitting and fixing 10 litre				
approved make with either side or bottom inlet, side overflow, brackets complete with all internal fittings. (Model Code No. S1060106 of CERA or equivalent).  14. Soft Close seat cover of approved make with lid and C.P. hinges, rubber buffer and brass screws suppling, fitting and fixing complete. E W C (Model Code No. B1520118 of CERA or equivalent.)  15. Supplying, fitting and fixing stainless stele Wall Mounted Hinged hand rail (750X100 mm) covered by Nylon surface with contour finish (for better grip) with two brackets.(Model Code No. B2210108 of CERA or equivalent.). 750mm long.  16. Supplying, fitting and fixing 15 mm Twin Flush Fitting (Model Code No. B2210108 of CERA or equivalent.). 750mm long.  17. Cleaning I.P.W.C. with acid. Each. 32.00 19.00 608.00 (page85 litem13).  18. Cleaning urinal with channel with (page85 litem15).  19. Cleaning glazed tiles with acid. 4x2(3.45+3.6)1.5=84.6 4x3.45x3.6=49.68 4x2(4.0+3.6)1.5=91.2 4x4.0x3.6=57.6 Partition-4x2x2x4x1.5x1.5=144 Square (page86 litem25).  20. Rectifying leakage of W.C. by new joints by methor mistry. Including melting lead caulked litem25).  21. Dismantling H.C.I. pipe with fittings including melting lead caulked litem1. Joints.	(page84					
Dottom inlet, side overflow, brackets complete with all internal fittings. (Model Code No. 51060106 of CERA or equivalent).	Item28B).	• •				
brackets complete with all internal fittings. (Model Code No. S1060106 of CERA or equivalent).	,					
14.   Soft Close seat cover of approved make with lid and C.P. hinges, rubber buffer and brass screws suppling, fitting and fixing complete. E W C (Model Code No. B1520118 of CERA or equivalent.)   each.   1.00   1299.00   1299.00						
14.   Soft Close seat cover of approved make with lid and C.P. hinges, rubber buffer and brass screws suppling, fitting and fixing complete. E W C (Model Code No. B1520118 of CERA or equivalent.).   each.   1.00   1299.00		•				
14. (page84   Item28Bb). Soft Close seat cover of approved make with lid and C.P. hinges, rubber buffer and brass screws suppling, fitting and fixing stainless steel Wall Mounted Hinged hand rail (750X100 mm) covered by Nylon surface with contour finish (for better grip) with two brackets, (Model Code No. B150118 of CERA or equivalent.).  15. (page84   Item28Bd). Supplying, fitting and fixing Stainless steel Wall Mounted Hinged hand rail (750X100 mm) covered by Nylon surface with contour finish (for better grip) with two brackets, (Model Code No. B2210108 of CERA or equivalent.).  750mm long. Fach. 2.00 6760.00 13520.00 1200.00 6760.00 13520.00 1200.00 1200.00 6760.00 13520.00 1200.00			each	1 00	2406.00	2406.00
(page84   Item28Bb).			caciii	1.00	2100.00	2 100.00
Trubber buffer and brass screws suppling, fitting and fixing complete. E W C (Model Code No. B1520118 of CERA or equivalent.)   Each.   1.00   1299.00   1		• •				
Suppling, fitting and fixing complete. E W C (Model Code No. B1520118 of CERA or equivalent.)		•				
Complete. E W C (Model Code No. B1520118 of CERA or equivalent.)   Each.   1.00   1299.00   12	Item28Bb).					
15.						
15.		· ·	each.	1.00	1299.00	1299.00
(page84   Item28Bd).	15					
Item28Bd).   rail (750X100 mm) covered by Nylon surface with contour finish (for better grip) with two brackets. (Model Code No. B2210108 of CERA or equivalent.). 750mm long.   Each.   2.00   6760.00   13520.00						
Nylon surface with contour finish (for better grip) with two brackets. (Model Code No. B2210108 of CERA or equivalent.). 750mm long.		_				
(for better grip) with two brackets.(Model Code No.B2210108 of CERA or equivalent.). 750mm long. 16. Supplying, fitting and fixing 15 mm Twin Flush Fitting (Model Code No. B1810112 of CERA or equivalent.). 17. Cleaning I.P.W.C. with acid. 18. Cleaning urinal with channel with (page85 ltem13). 18. Cleaning urinal with channel with acid. (page85 ltem15). 19. Cleaning glazed tiles with acid. (page85 ltem16). 4x2(3.45+3.6)1.5=84.6 4x3.45x3.6=49.68 4x2(4.0+3.6)1.5=91.2 4x4.0x3.6=57.6 Partition-4x2x2x4x1.5x1.5=144  Rectifying leakage of W.C. by new joints by methor mistry.  20. (page86 ltem25). 21. Dismantling H.C.I. pipe with fittings including melting lead caulked ltem1).  Note that two definitions including melting lead caulked ltem1.  2.00 (page76 including melting lead caulked ltem1).	item288a).					
brackets.(Model Code No.B2210108 of CERA or equivalent.). 750mm long.						
16.						
750mm long.		-	Each.	2.00	6760.00	13520.00
(page84 Item28Be).         Twin Flush Fitting (Model Code No. B1810112 of CERA or equivalent.         Each.         1.00         1041.00         1041.00           17.         Cleaning I.P.W.C. with acid.         Each.         32.00         19.00         608.00           (page85 Item13).         Cleaning urinal with channel with acid.         Each.         24.00         20.00         480.00           19.         Cleaning glazed tiles with acid.         4x2(3.45+3.6)1.5=84.6         4x3.45x3.6=49.68         4x2(4.0+3.6)1.5=91.2         4x4.0x3.6=57.6         Sqm.         430.00         10.00         4300.00           20.         Rectifying leakage of W.C. by new joints by methor mistry.         Each.         32.00         39.00         1248.00           10 Dismantling H.C.I. pipe with fittings including melting lead caulked ltem1).         Mtr.         50.00         64.00         3200.00		•				
Item28Be).   B1810112 of CERA or equivalent.   Each.   1.00   1041.00   1041.00   17.   Cleaning I.P.W.C. with acid.   Each.   32.00   19.00   608.00   608.00	16.	Supplying, fitting and fixing 15 mm				
Them	(page84	Twin Flush Fitting (Model Code No.				
17. (page85   ltem13).  18. (page85   ltem15).  19. (page85   ltem15).  19. (page85   ltem16).  4x2(3.45+3.6)1.5=84.6   4x3.45x3.6=49.68   4x2(4.0+3.6)1.5=91.2   4x4.0x3.6=57.6   Partition-4x2x2x4x1.5x1.5=144   Sqm. 430.00   10.00   4300.00    20. (page86   joints by methor mistry.  19. (page76   ltem16).  Axi. 4x2 (x. 4x - x. 2x - x. 2x - x. 3x -		B1810112 of CERA or equivalent.	Each.	1.00	1041.00	1041.00
Table   Tabl		Cleaning I.P.W.C. with acid.			1	
Section   Sect	(page85	_				
18.       Cleaning urinal with channel with acid.       Each.       24.00       20.00       480.00         19.       Cleaning glazed tiles with acid.       4x2(3.45+3.6)1.5=84.6       4x3.45x3.6=49.68       4x2(4.0+3.6)1.5=91.2       4x4.0x3.6=57.6       5qm.       430.00       10.00       4300.00         20.       Rectifying leakage of W.C. by new joints by methor mistry.       Each.       32.00       39.00       1248.00         1tem25).       Dismantling H.C.I. pipe with fittings including melting lead caulked ltem1).       Mtr.       50.00       64.00       3200.00	•					
(page85 Item15).       acid.         19.       Cleaning glazed tiles with acid.         (page85 Item16).       4x2(3.45+3.6)1.5=84.6         4x2(4.0+3.6)1.5=91.2       4x4.0x3.6=57.6         Partition-4x2x2x4x1.5x1.5=144       Sqm.       430.00       10.00       4300.00         20.       Rectifying leakage of W.C. by new joints by methor mistry.       Each.       32.00       39.00       1248.00         1tem25).       Dismantling H.C.I. pipe with fittings including melting lead caulked Item1).       Mtr.       50.00       64.00       3200.00		Cleaning urinal with channel with	Fach	24 00	20.00	480.00
Item15 .   19.   Cleaning glazed tiles with acid.   (page85   4x2(3.45+3.6)1.5=84.6   4x3.45x3.6=49.68   4x2(4.0+3.6)1.5=91.2   4x4.0x3.6=57.6   Partition-4x2x2x4x1.5x1.5=144   Each.   32.00   39.00   1248.00   124			240	200	20.00	100.00
19. Cleaning glazed tiles with acid. (page85 Item16). 4x2(3.45+3.6)1.5=84.6 Item16). 4x3.45x3.6=49.68 4x2(4.0+3.6)1.5=91.2 4x4.0x3.6=57.6 Partition-4x2x2x4x1.5x1.5=144  20. Rectifying leakage of W.C. by new (page86 joints by methor mistry. Item25). 21. Dismantling H.C.I. pipe with fittings (page76 including melting lead caulked						
(page85       4x2(3.45+3.6)1.5=84.6         Item16).       4x3.45x3.6=49.68         4x2(4.0+3.6)1.5=91.2       4x4.0x3.6=57.6         Partition-4x2x2x4x1.5x1.5=144       Sqm.         20.       Rectifying leakage of W.C. by new joints by methor mistry.         Item25).       Each.         21.       Dismantling H.C.I. pipe with fittings including melting lead caulked lead caulked joints.         Item1).       Mtr.	-	Cleaning glazed tiles with acid				
Item16).       4x3.45x3.6=49.68 4x2(4.0+3.6)1.5=91.2 4x4.0x3.6=57.6 Partition-4x2x2x4x1.5x1.5=144       Sqm.       430.00       10.00       4300.00         20.       Rectifying leakage of W.C. by new (page86 Item25).       Each.       32.00       39.00       1248.00         21.       Dismantling H.C.I. pipe with fittings (page76 Item1).       Mtr.       50.00       64.00       3200.00						
4x2(4.0+3.6)1.5=91.2 4x4.0x3.6=57.6 Partition-4x2x2x4x1.5x1.5=144  20. Rectifying leakage of W.C. by new joints by methor mistry.  Item25).  21. Dismantling H.C.I. pipe with fittings including melting lead caulked ltem1).    Mathematical Sqm.   430.00   10.00   4300.00     Sqm.   Sqm.   430.00   10.00     Sqm.   430.00   10.00   10.00     Sqm.   Sqm.   430.00   10.00     Sqm.   Sqm.   430.00   10.00     Sqm.   Sqm.   430.00   10.00     Sqm.   Sqm.   430.00   10.00     Sqm.   Sqm.   Sqm.   430.00     Sqm.		, ,				
4x4.0x3.6=57.6       Sqm.       430.00       10.00       4300.00         20.       Rectifying leakage of W.C. by new joints by methor mistry.       Each.       32.00       39.00       1248.00         1tem25).       Dismantling H.C.I. pipe with fittings including melting lead caulked ltem1).       Mtr.       50.00       64.00       3200.00	itellito).					
Partition-4x2x2x4x1.5x1.5=144  20. Rectifying leakage of W.C. by new joints by methor mistry.  Item25).  21. Dismantling H.C.I. pipe with fittings including melting lead caulked ltem1).  Mtr. 50.00 64.00 3200.00		,	Causa	420.00	10.00	4200.00
(page86 Item25).joints by methor mistry.21.Dismantling H.C.I. pipe with fittings (page76 Item1).Mtr.50.0064.003200.00			Sqm.	430.00	10.00	4300.00
(page86 Item25).joints by methor mistry.21.Dismantling H.C.I. pipe with fittings (page76 Item1).Mtr.50.0064.003200.00	20.	Rectifying leakage of W.C. by new	Each.	32.00	39.00	1248.00
Item25).  21. Dismantling H.C.I. pipe with fittings (page76 including melting lead caulked ltem1).  Output  Dismantling H.C.I. pipe with fittings (page76 including melting lead caulked ltem2).  Output  Dismantling H.C.I. pipe with fittings (page76 including melting lead caulked ltem2).						
21. Dismantling H.C.I. pipe with fittings (page 76 including melting lead caulked ltem 1). Dismantling H.C.I. pipe with fittings Mtr. 50.00 64.00 3200.00						
(page76 including melting lead caulked Mtr. 50.00 64.00 3200.00 ltem1).	•	Dismantling H.C.I. pipe with fittings				
Item1). joints.			Mtr	50.00	64 00	3200.00
100111111111111111111111111111111111111			.,,,,,,,	30.00	34.00	3200.00
100		100 mm				

Item11).  23. Supply of UPVC pipes (B Type) & (page68+74 fittings conforming to IS-13592-	0 349.00	
Item23+24). 1992. Mtr. 50.00	343.00	17450.00
24. Supplying, fitting and fixing PTMT (page3 shower of approved brand and Item3). make. Each. 6.00	340.00	2040.00
25. Supplying, fitting and fixing (page5 gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only).  15 mm  Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only).	438.00	3504.00
26. Supplying, fitting and fixing bib cock (page6 or stop cock. PTMT.  Item7). 15 mm Each. 18.00	0 154.00	2772.00
27. (page12 pipes of approved make of Schedule 80 (medium duty) conforming to ASTMD - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads,fitting, fixing etc. complete in all respect including cost of all necessary fittings as required,jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials. Payment for painting will be made seperately).  15 mm. Rmt. 25.00 Rmt. 20 mm		2525.00 1935.00
28. Supplying, fitting and fixing 10 litre (page36 P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets	123.00	1535.00
including two coats of painting to bracket etc.  Nos. 6.00  Supplying, fitting and fixing low-	1015.00	6090.00

					1
(page38	down cistern parts.	Nos.	6.00	284.00	1704.00
Item1).	Internal fittings for cistern complete				
	of approved make.				
30.	Supplying, fitting and fixing				
(page43	approved brand 32 mm dia.P.V.C.				
Item10).	waste pipe, with PVC coupling at				
,	one end fitted with necessary	Nos.	32.00	91.00	2912.00
	clamps.	1103.	32.00	31.00	2312.00
31.	Applying Interior grade Acrylic				
(page195	Primer of approved quality and				
Item7).	brand on plastered or concrete				
itemii,	surface old or new surface to				
	receive Distemper/ Acrylic emulsion				
	paint including scraping and				
	preparing the surface throughly,				
	complete as per manufacturer's				
	specification and as per direction of				
	the EIC.				
	4x2(3.45+3.6)2.00=112.8				
	4x2(3.43+3.0)2.00-112.8 4x3.45x3.6=49.68				
	4x2(3.6+4.0)2.00=121.6				
	4x3.6x4.0=57.6				
	Partition-2x2x2x4x1.5x2.0=96.00				
	Stair block(both side)-				
	2x2x2(8.4+4.75)3.5=368.2				
	2x2x8.4x4.75=159.6				
	Corridor-33.5x3.3=110.55				
	2x1.2x33.5=80.40	Sam	1200.00	33.70	40440.00
_	33.5x1.2=40.2	Sqm.	1200.00	33.70	40440.00
32.	Acrylic Distemper to interior wall,				
(page196	ceiling with a coat of solvent based				
Item10).	interior grade acrylic primer (as per				
,	manufacturer's specification)				
	including cleaning and smoothning	Sqm.	1200.00	70.00	84000.00
	of surface.	JqIII.	1200.00	70.00	84000.00
33.	Priming one coat on timber or				
(page200	plastered surface with synthetic oil				
Item1).	bound primer of approved quality				
itemij.	including smoothening surfaces by				
	sand papering etc.				
	Pan door-12x0.85x2.0x2.6=53.04				
	Window-24x1.0x0.6x2.0=28.8	Sqm.	210.00	38.00	7980.00
	Skirting-2x2x2(8.4+4.75)1.0=105.2				
	2x33.5x0.2=13.4				
34.	Painting with best quality synthetic				
	enamel paint of approved make and				
(page200	brand including smoothening				
Item2).	surface by sand papering etc.				
	including using of approved putty				
	etc. on the surface.	Sqm.	210.00	79.00	16590.00
25					
35.	Supplying best Indian sheet glass				
(page205 Item1).	panes set in putty and fitted and fixed with nails and putty complete.				
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	(In all floors for internal wall & up to 6 m height for external wall). 4 mm thick.	sqm	8.00	536.00	4288.00
36. (page12 Item13).	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge.	Cum.	10.00	166.00	1660.00

TOTAL ESTIMATED COST------Rs.369151.50

Name of the Agency

**Address of the Agency** 

Rate quoted by the Agency

**Signature of the Agency with date**