



PROCEEDINGS OF THE COCHIN DEVASWOM BOARD
Reconstructing damaged toilet block at ground floor, Cochin Devaswom Board
Office, Thrissur.

- Read
1. Direction from DC dt. 17-06-2023
 2. Note from AE dt. 17-06-2023
 2. Note from AEE dt. 17-06-2023
 3. Note from EE dt. 17-06-2023
 5. Decision of DC dt. 17-06-2023

Order on H1. 1022/2023 dt. 17-06-2023

As per the papers cited above an estimate of Rs. 1,40,000/- (Rupees One lakh and forty thousand only) is passed and sanction is accorded to execute the above work after inviting local quotation.

The sealed quotations should be received in this office on or before 23-06-2023 at 3 P.M. and will be opened at 3.30 P.M. on the same day in the presence of Executive Engineer, Cochin Devaswom Board/higher officials of Cochin Devaswom Board, Thrissur.

The sealed quotations should be addressed to the Executive Engineer, Cochin Devaswom Board, Thrissur and should contain the PAN number of the quotationer.

A copy of the estimate along with notification are herewith forwarded to ~~Special~~ Devaswom commissioner Devaswom Assistant Commissioner, Thrissur for exhibiting in their office Notice boards .

(By Order)

Sd/-
M.K. Preetha
Assistant Engineer

To
Notice Board,
CA to DC, EE, AEE, AE, HD, S.F,

//Approved for issue//

Junior Superintendent

TS Register No: 754/2023-2024

AS Register No:784/2023-2024

Reconstructing damaged Toilet block at Ground floor Cochin devaswom board office-Thrissur

Abstract Estimate

(Dsr year: 2018, Cost Index Applied for this estimate is 35.59%)

1 LS amount for dismantling existing concrete floor and pvc partitions,closet etc.carefully and stacking		
Lump-Sum Total		Rs 7500.00
2 solid block		
1	50.6.2.2 Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete	
Net Total Quantity		0.169 cum
Say 0.169 cum @ Rs 6984.85 / cum		Rs 1180.44
3 c.c		
1	4.1.5 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level;1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	
Net Total Quantity		1.360 cum
Say 1.360 cum @ Rs 7367.55 / cum		Rs 10019.87
4 tiles		
1	11.41.1 Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.Size of Tile 500x500 mm.	
Net Total Quantity		13.138 sqm
Say 13.138 sqm @ Rs 1492.30 / sqm		Rs 19605.84
5 partition		

1	26.49.1 Providing and fixing in position factory made EPS cement sandwich wall/roof/floorlight weight solid core panels made of core material of EPS granule balls/beads(conforming to IS 4671:1984 and shall have density not less than 15kg per cum)adhesive, cement, sand, flyash and other bonding material in mortar state processed to form in a preset mould. The outer face on both sides of the panels will be nonasbestos fiber cement board confirming to IS 14862:2000 or Calcium silicate boardconfirming to EN 14306:2009 of 5mm thick each. Panel shall be laid on 6mm thickcement mortar (1 cement: 2 fine sand) mixed with chemical adhesive of 0.5kg per50kg of cement or shall be preferably fixed into 'C' channel made of 1.2mm thick MSplate screwed/fastened to the slab/column/beam etc. The panel shall fixed verticallywith tongue and groove joint and horizontally locked with steel bar between eachother and floors and filled with cement mortar and adhesive. Panels should be usedas floor & roofing with additional structural support, steel or RCC depending uponthe design. All the operation shall be completed in all respect as per drawings,Manufacturers specifications and under the overall direction of Engineer-in-Charge(Cost of all the material is included except "C channel" which will be paid seperately). Non load bearing panels 50mm thick of required size	
Net Total Quantity		17.852 sqm
Say 17.852 sqm @ Rs 1373.46 / sqm		Rs 24519.01
6 sanitary installations		
1	17.2.1 Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:W.C. pan with ISI marked white solid plastic seat and lid	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 6192.67 / each		Rs 6192.67
2	17.25.1 Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings.Flat back wash basin of size 630x450 mm	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 1341.19 / each		Rs 1341.19
3	50.17.1.4 Supplying and fixing CP Health faucet good quality including cost of materials and labour charges etc. complete as per the direction of site engineer-in-charge.	
Net Total Quantity		1.000 no
Say 1.000 no @ Rs 758.12 / no		Rs 758.12
4	17.31 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	
Net Total Quantity		1 000 each

		Say 1.000 each @ Rs 1510.40 / each	Rs 1510.40
5	17.29	Providing and fixing 100 mm sand cast Iron grating for gully trap.	
		Net Total Quantity	1.000 each
		Say 1 000 each @ Rs 52.47 / each	Rs 52.47
7 wall tiles			
1	11.46.1	Providing and laying Vitrified tiles indifferent sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 500x500 mm	
		Net Total Quantity	11.026 sqm
		Say 11.026 sqm @ Rs 1545.66 / sqm	Rs 17042.45
8 LS amount for pvc tap			
		Lump-Sum Total	Rs 500.00
9 pvc pipes			
1	50.18.8.9.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC Solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 110 mm pipe 4 kg/cm ²	
		Net Total Quantity	5.000 metre
		Say 5.000 metre @ Rs 672.90 / metre	Rs 3364.50
2	50.18.9.7.2	Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 63 mm dia 4 Kgf/cm ²	
		Net Total Quantity	5.000 metre
		Say 5.000 metre @ Rs 304.30 / metre	Rs 1521.50
3	50.18.9.3.2	Providing and fixing PVC pipes includes jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 25 mm dia 10KGF/cm ²	
		Net Total Quantity	10.000 metre
		Say 10.000 metre @ Rs 216.03 / metre	Rs 2160.30
10 painting			
1	13.37.1	White washing with lime to give an even shade:New work (three or more coats)	
		Net Total Quantity	25.727 sqm

Say 25.727 sqm @ Rs 33.63 / sqm		Rs 865.20
11 LS amount for exhaust		
Lump-Sum Total		Rs 4000.00
12 pvc door		
1	9.119 Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in Charge.	
Net Total Quantity		0.348 metre
Say 0.348 metre @ Rs 461.01 / metre		Rs 160.43
2	9.120.1 Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and sized of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5mm thick, 95 mm wide PVC sheet out of which 75 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mmx2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be filled in the M.S. frame welded /sealed to the styles & rails with 7 mm (5 mm + 2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer -in-charge, manufacture's specification & drawing 30 mm thick plain PVC door shutters	
Net Total Quantity		1.239 sqm
Say 1.239 sqm @ Rs 2852.54 / sqm		Rs 3534.30
13 LS amount for dismantling aluminium partition and refixing		
Lump-Sum Total		Rs 8000.00
Service Tax @		18.0%
Service Tax Amount		20489.15
Total with Service Tax Amount		134318.15
Lumpsum for round off		5681.85
TOTAL Rs 140000.00		
Rounded Total Rs 1,40,000		
Rupees One Lakh Forty Thousand Only		