



PROCEEDINGS OF THE COCHIN DEVASWOM BOARD

Abstract

Cochin Devaswom Board – Maramath wing- Renovation of common toilet block at Sivasakthy building in Cochin Devaswom Board Office compound –Quotations invited – Order issued

- Read
1. Order on BPM Rs. 1/10 dt. 28-12-2023
 2. Note from AE dt. 25-07-2024
 3. Note from AEE dt. 09-08-2024
 4. Note from EE dt. 09-08-2024
 5. Decision of DC dt. 06-09-2024

Order on H1. 125/2024 dt. 10-09-2024

As per the papers cited above an estimate of Rs. 3,20,000/- (Rupees Three lakh and twenty thousand only) is passed and sanction is accorded to execute the above work after inviting local quotations.

The sealed quotations should be received in this office on or before 24-09-2024 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 is herewith forwarded to Devaswom commissioner Devaswom Assistant Commissioner, Thrissur for exhibiting in their office Notice boards.

(By Order)

Sd/-

M.K. Dileep

Assistant Engineer

To

Notice Board,
The Assistant Commissioner - Thrissur
The Devaswom Commissioner, The Executive Engineer,
The Assistant Executive Engineer,
The Assistant Engineer, Stock File

//Approved for issue//

Junior Superintendent

TS Register No: 1344/2024-2025

AS Register No:1393/2024-2025

Renovation of toilet block at Devaswom compound

Abstract Estimate

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

1 Dismantling		
1	15.23.1 Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	
Net Total Quantity		35.044 sqm
Say 35.044 sqm @ Rs 64.61 / sqm		Rs 2264.19
2	15.7.4 Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge. In cement mortar	
Net Total Quantity		1.760 cum
Say 1.760 cum @ Rs 1730.20 / cum		Rs 3045.15
3	od78025/2024_2025 Dismantling closet and carefully stacking	
Net Total Quantity		2.000 each
Say 2.000 each @ Rs 878.78 / each		Rs 1757.56
4	15.12.1 Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead. Of area 3 sq. metres and below	
Net Total Quantity		8.000 each
Say 8.000 each @ Rs 323.11 / each		Rs 2584.88
5	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		0.825 cum
Say 0.825 cum @ Rs 6984.85 / cum		Rs 5762.50
6	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	
Net Total Quantity		36.484 sqm
Say 36.484 sqm @ Rs 314.09 / sqm		Rs 11459.26

7	17.1.1 Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm Sand Cast Iron P or S trap, 10 litter low level white P.V.C.flushing cistern, including flush pipe, 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 require:White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 6381.61 / each		Rs 6381.61
8	17.2.2 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 black solid plastic seat and lid	
Net Total Quantity		3.000 each
Say 3.000 each @ Rs 6050.91 / each		Rs 18152.73
9	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		14.960 sqm
Say 14.960 sqm @ Rs 1492.30 / sqm		Rs 22324.81
10	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		72.000 sqm
Say 72.000 sqm @ Rs 1545.66 / sqm		Rs 111287.52
11	17.7.4 Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Flat back wash basin size 550x400mm with single 15 mm C.P.brasspillar taps	
Net Total Quantity		2.000 each
Say 2.000 each @ Rs 2955.05 / each		Rs 5910.10

12	17.4.2 Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required:Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 9037.41 / each		Rs 9037.41
13	50.18.9.2 Providing and fixing PVC pipes includes joints of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in CHarge. 110 mm dia 4 Kg/cm2	
Net Total Quantity		5.000 metre
Say 5.000 metre @ Rs 476.17 / metre		Rs 2380.85
14	50.18.8.3.2 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings 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. 25 mm pipe 10kgf /cm2	
Net Total Quantity		5.000 metre
Say 5.000 metre @ Rs 420.83 / metre		Rs 2104.15
15	50.18.7.4.2 Providing and fixing PVC, pipes fittings including fixing the pipe with clamps at 1.00 m spacing. this includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 32 mm dia 6 Kg/cm2 - internal work- Exposed on wall	
Net Total Quantity		5.000 metre
Say 5.000 metre @ Rs 300.02 / metre		Rs 1500.10
16	50.18.7.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing . This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 50 mm dia 6 Kg/cm2 - Internal work- Exposed on wall	
Net Total Quantity		5.000 metre
Say 5.000 metre @ Rs 375.40 / metre		Rs 1877.00
17	50.18.9.17.2 Providing and fixing PVC pipes including fixing the pipe with clamps/clips 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 63 mm dia 4 Kg/cm2- External work - exposed on wall	
Net Total Quantity		5.000 metre
Say 5.000 metre @ Rs 225.60 / metre		Rs 1128.00

18	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 fame 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		26.000 metre
Say 26.000 metre @ Rs 461.01 / metre		Rs 11986.26
19	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 whicj 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 which75 mm shall be tapered in 45 degree on th 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 fitted 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		7.700 sqm
Say 7.700 sqm @ Rs 2852.54 / sqm		Rs 21964.56
20	13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer	
Net Total Quantity		22.500 sqm
Say 22.500 sqm @ Rs 70.64 / sqm		Rs 1589.40
21	13.46.1 Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	
Net Total Quantity		22.500 sqm
Say 22.500 sqm @ Rs 193.89 / sqm		Rs 4362.53
2 Contingencies such as other unforeseen items on actuals		
Lump-Sum Total		Rs 15000.00
Service Tax @		18.0%
Service Tax Amount		47494.90

Total with Service Tax Amount	311355.90
Lumpsum for round off	8644.10
TOTAL Rs 320000.00	
Rounded Total Rs 3,20,000	
Rupees Three Lakh Twenty Thousand Only	

(Cost Index Applied for this estimate is 35.59%)

