



PROCEEDINGS OF THE COCHIN DEVASWOM BOARD

Abstract

Cochin Devaswom Board – Maramath wing- Constructing toilet block at Sree Karkidakathukavu temple– Karumarakkad Devaswom – Thiruvilwamala Group-
Quotations invited – Order issued

- Read
1. Note from AE dt. 26-07-2024
 2. Note from AEE dt. 06-08-2024
 3. Note from EE dt. 06-08-2024
 4. Decision of DC (incharge) dt. 08-08-2024

Order on H1. 1228/2023 dt. 03-09-2024

As per the papers cited above an estimate of Rs. 2,35,000/- (Rupees Two lakh and thirty five 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 10-09-2024 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, Thiruvilwamala group for exhibiting in their office Notice boards.

(By Order)
Sd/-
S. Gopakumar
Assistant Engineer

To

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

//Approved for issue//


for Junior Superintendent
Senior clerk

TS Register No: 1925/2023-2024

AS Register No:2030/2023-2024

Constructing toilet block at Karkidakathukavu temple, Karumarakkad
Devaswom, Thiruvilwamala Group

Abstract Estimate

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

1 Earthwork	
1	2.6.1 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed. All kinds of soil
Net Total Quantity	
12.186 cum	
Say 12.186 cum @ Rs 214.03 / cum	
Rs 2608.17	
2 Random rubble	
1	7.1.1 Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with: Cement mortar 1:6 (1 cement : 6 coarse sand)
Net Total Quantity	
5.009 cum	
Say 5.009 cum @ Rs 7204.78 / cum	
Rs 36088.74	
3 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	
3.600 cum	
Say 3.600 cum @ Rs 6984.85 / cum	
Rs 25145.46	
4 concrete	
1	5.3 Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15 ⁰ landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (Zone III) : 3 graded stone aggregate 20 mm nominal size).
Net Total Quantity	
0.844 cum	
Say 0.844 cum @ Rs 11492.88 / cum	
Rs 9699.99	
5 Centering shuttering	

1	5.9.3 Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform		
		Net Total Quantity	9.638 sqm
		Say 9.638 sqm @ Rs 815.78 / sqm	Rs 7862.49
6 steel reinforcement			
1	5.22A.1 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete above plinth level.Mild steel and Medium Tensile steel bars		
		Net Total Quantity	63.300 kilogram
		Say 63.300 kilogram @ Rs 96.68 / kilogram	Rs 6119.84
7 cement concrete			
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	0.572 cum
		Say 0.572 cum @ Rs 7367.55 / cum	Rs 4214.24
8 cement plastering			
1	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)		
		Net Total Quantity	48.000 sqm
		Say 48.000 sqm @ Rs 314.09 / sqm	Rs 15076.32
9 Ceiling plastering			
1	50.13.1 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) including all cost of materials, labour charges etc complete		
		Net Total Quantity	8.000 sqm
		Say 8.000 sqm @ Rs 291.32 / sqm	Rs 2330.56
10 Dadoing			
1	11.37A Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS :15622 (thickness to be specified by the manufacturer) of approved make in allcolours, shades except burgundy, bottle green, black of any size as approvedby Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thickbed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cementslurry @ 3.3kg per sqm including pointing in white cement mixed with pigmentof matching shade complete.		
		Net Total Quantity	11.000 sqm

Say 11.000 sqm @ Rs 1092.18 / sqm		Rs 12013.98
11 Ceramic floor tiling		
1	11.37 Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete.	
Net Total Quantity		6.500 sqm
Say 6.500 sqm @ Rs 1091.02 / sqm		Rs 7091.63
2	9.117.2 Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0mm (± 0.2 mm), corners of the door frame to be jointed with galvanized brackets and stainless steel screws, joints mitred and plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 x 19 mm and 1 mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge. Extruded section profile size 42x50 mm	
Net Total Quantity		9.900 metre
Say 9.900 metre @ Rs 314.77 / metre		Rs 3116.22
3	9.118.2 Providing and fixing to existing door frames 30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (± 0.2 mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint 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. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 25x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 mm and 2 mm (± 0.2 mm) wall thickness fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge.	
Net Total Quantity		3.151 sqm
Say 3.151 sqm @ Rs 2329.03 / sqm		Rs 7338.77
4	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		2.000 each
Say 2.000 each @ Rs 6050.91 / each		Rs 12101.82

12 Water tank		
1	18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage tank :ISI 12701 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.	
Net Total Quantity		500.000 Litre
Say 500.000 Litre @ Rs 10.37 / Litre		Rs 5185.00
13 25mm PVC pipe,10Kgf/cm2		
1	50.18.9.13.2 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 25 mm dia 10 Kgf/cm2- External work - Exposed on wall	
Net Total Quantity		8.000 metre
Say 8.000 metre @ Rs 275.89 / metre		Rs 2207.12
14 32mm PVC 6Kgf/cm2		
1	50.18.9.14.2 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 Kgf/cm2 - External work - Exposed on wall	
Net Total Quantity		10.000 metre
Say 10.000 metre @ Rs 309.78 / metre		Rs 3097.80
15 50mm PVC 6Kgf/cm2		
1	50.18.9.16.2 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 6Kgf/cm2 - External work - Exposed on wall	
Net Total Quantity		15.000 metre
Say 15.000 metre @ Rs 385.16 / metre		Rs 5777.40
16 110mm PVC 6Kgf/Cm2		
1	50.18.9.9.1 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.110 mm dia 6Kgf/cm2	
Net Total Quantity		5.000 metre
Say 5.000 metre @ Rs 526.17 / metre		Rs 2630.85
2	od157988/2023_2024 Supplying and fixing PVC long body tap	
Net Total Quantity		2.000 each

Say 2.000 each @ Rs 92.92 / each		Rs 185.84
17 White cement washing		
1	od157987/2023_2024 Cleaning and white cement washing 2 coat over new surface	
Net Total Quantity		56.000 per sqm
Say 56.000 per sqm @ Rs 67.28 / per sqm		Rs 3767.68
18 Supplying and fixing ferro cement readymade septic tank and soak pit		
Lump-Sum Total		Rs 12000.00
19 Providing ventilator on actuals		
Lump-Sum Total		Rs 10000.00
20 Contingencies such as other unforeseen items on actuals		
Lump-Sum Total		Rs 3000.00
Service Tax @		18.0%
Service Tax Amount		35758.78
Total with Service Tax Amount		234418.78
Lumpsum for round off		581.22
		TOTAL Rs 235000.00
Other Engineering Organisations		Rounded Total Rs 2,35,000
Rupees Two Lakh Thirty Five Thousand Only		

(Cost Index Applied for this estimate is 35.59%)