



## PROCEEDINGS OF THE COCHIN DEVASWOM BOARD

Constructing toilet block at Vadayambadi kottaram temple – Thiruvankulam  
Devaswom – Thripunithura group.

- Read
1. Order on A2. 15386/22 dt. 26-04-2023
  2. Note from AE dt. 07-10-2023 & 16-10-2023
  3. Note from AEE dt. 10-10-2023
  3. Note from EE dt. 10-10-2023
  4. Decision of DC dt. 25-10-2023

Order on H1. 1690/2023 dt. 27-10-2023

As per the papers cited above an estimate of Rs. 2,40,000/- (Rupees Two lakh and forty 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 05-11 -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 is herewith forwarded to Devaswom commissioner Devaswom Assistant Commissioner, Thripunithura for exhibiting in their office Notice boards.

(By Order)

Sd/-

D. Suni

Assistant Executive Engineer

To

Notice Board, AC- Thripunithura  
CA to DC, EE, AEE, AE,  
DO - Thiruvankulam, S.F,

//Approved for issue//

Junior Superintendent



TS Register No: 2256/2023-2024

AS Register No:2379/2023-2024

constructing two toilet block at vadayambadi kottaram temple thiruvankulam  
devaswom thripunithura 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		16.000 cum
Say 16.000 cum @ Rs 214.03 / cum		<b>Rs 3424.48</b>
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		5.000 cum
Say 5.000 cum @ Rs 7204.78 / cum		<b>Rs 36023.90</b>
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		4.500 cum
Say 4.500 cum @ Rs 6984.85 / cum		<b>Rs 31431.83</b>
4 concrete		
1	5.3 Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15° 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		0.850 cum
Say 0.850 cum @ Rs 11492.88 / cum		<b>Rs 9768.95</b>
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		10.000 sqm
Say 10.000 sqm @ Rs 815.78 / sqm		Rs 8157.80
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		70.000 kilogram
Say 70.000 kilogram @ Rs 96.68 / kilogram		Rs 6767.60
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		0.400 cum
Say 0.400 cum @ Rs 7367.55 / cum		Rs 2947.02
8 cement platering		
1	13.1.1 12 mm cement plaster of mix:1:4 ( 1 cement : 4 fine sand)	
Net Total Quantity		37.000 sqm
Say 37.000 sqm @ Rs 314.09 / sqm		Rs 11621.33
9 Ceiling platering		
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		7.500 sqm
Say 7.500 sqm @ Rs 291.32 / sqm		Rs 2184.90
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		9.000 sqm



Say 9.000 sqm @ Rs 1092.18 / sqm		Rs 9829.62
<b>11 Ceramic floor tiling</b>		
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		9.000 sqm
Say 9.000 sqm @ Rs 1091.02 / sqm		Rs 9819.18
<b>12 Structural steel work</b>		
1	10.2 Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	
Net Total Quantity		45.000 kg
Say 45.000 kg @ Rs 119.79 / kg		Rs 5390.55
<b>13 water closet</b>		
1	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		2.000 each
Say 2.000 each @ Rs 6381.61 / each		Rs 12763.22
<b>14 Water tank</b>		
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
<b>15 25mm PVC pipe,10Kg/cm2</b>		
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 Kg/cm2- External work - Exposed on wall	
Net Total Quantity		8.000 metre
Say 8.000 metre @ Rs 275.89 / metre		Rs 2207.12



16 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
17 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
18 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
19 White cement washing		
1	od179536/2023_2024 Cleaning and white cement washing 2 coat over new surface	
Net Total Quantity		45.000 per sqm
Say 45.000 per sqm @ Rs 67.28 / per sqm		Rs 3027.60
20 Enamel painting		
1	13.61.1 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	
Net Total Quantity		6.000 sqm
Say 6.000 sqm @ Rs 143.05 / sqm		Rs 858.30
21 Supplying and fixing ferro cement readymade septic tank and soak pit		
Lump-Sum Total		Rs 12000.00
22 Providing plumbing arrangements		
Lump-Sum Total		Rs 10000.00
23 Contingencies such as unforeseen items on actuals		



Lump-Sum Total		Rs 3100.00
	Service Tax @	18.0%
Service Tax Amount		35642.60
Total with Service Tax Amount		233656.60
Lumpsum for round off		6343.40
		<b>TOTAL Rs 240000.00</b>
		<b>Rounded Total Rs 2,40,000</b>
		Rupees Two Lakh Forty Thousand Only

(Cost Index Applied for this estimate is 35.59%)



Other Engineering Organisations

**PRICE**