



PROCEEDINGS OF THE COCHIN DEVASWOM BOARD
Constructing 4 rooms toilet block at Kurumalikkavu temple – Kurumalikkavu
Devaswom – Thrissur group.

- Read 1. Note from AE dt. 20-09-2023
2. Note from AEE dt. 21-09-2023
3. Note from EE dt. 21-09-2023
4. Decision of DC dt. 26-09-2023

Order on H1. 1591/2023 dt. 29-09-2023

As per the papers cited above an estimate of Rs. 4,04,000/- (Rupees Four lakh and four 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 09-10 -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, Thrissur for exhibiting in their office Notice boards.

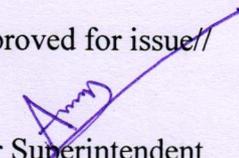
(By Order)

Sd/-
K. Sreeja
Assistant Engineer

To

✓ Notice Board,
AC Thrissur,
CA to DC, EE, AEE, AE,
HD, S.F,

//Approved for issue//


Junior Superintendent

**Constructing 4 room toilet block at Kurumalikkavu temple - Kurumalikkavu
devaswom - Thrissur group**

Abstract Estimate

(Dsr 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		18.988 cum
Say 18.988 cum @ Rs 214.03 / cum		Rs 4064.00

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		8.274 cum
Say 8.274 cum @ Rs 7204.78 / cum		Rs 59612.35

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		7.442 cum
Say 7.442 cum @ Rs 6984.85 / cum		Rs 51981.25

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		1.530 cum
Say 1.530 cum @ Rs 11492.88 / cum		Rs 17584.11

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		17.016 sqm

Say 17.016 sqm @ Rs 815.78 / sqm		Rs 13881.31
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		122.400 kilogram
Say 122.400 kilogram @ Rs 96.68 / kilogram		Rs 11833.63
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		0.909 cum
Say 0.909 cum @ Rs 7367.55 / cum		Rs 6697.10
8 cement platering		
1	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	
Net Total Quantity		88.988 sqm
Say 88.988 sqm @ Rs 314.09 / sqm		Rs 27950.24
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		11.785 sqm
Say 11.785 sqm @ Rs 291.32 / sqm		Rs 3433.21
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		13.600 sqm
Say 13.600 sqm @ Rs 1092.18 / sqm		Rs 14853.65
11 Ceramic floor tiling		

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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 12.030 sqm
		Say 12.030 sqm @ Rs 1091.02 / sqm Rs 13124.97
12 Structural steel work		
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 117.202 kg
		Say 117.202 kg @ Rs 119.79 / kg Rs 14039.63
13 water closet		
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 4.000 each
		Say 4.000 each @ Rs 6381.61 / each Rs 25526.44
14 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 1000.000 Litre
		Say 1000.000 Litre @ Rs 10.37 / Litre Rs 10370.00
15 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 21.000 metre
		Say 21.000 metre @ Rs 275.89 / metre Rs 5793.69
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	25.000 metre
		Say 25.000 metre @ Rs 309.78 / metre	Rs 7744.50
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	20.000 metre
		Say 20.000 metre @ Rs 385.16 / metre	Rs 7703.20
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	15.000 metre
		Say 15.000 metre @ Rs 526.17 / metre	Rs 7892.55
19 White cement washing			
1	od119775/2023_2024 Cleaning and white cement washing 2 coat over new surface		
		Net Total Quantity	87.773 per sqm
		Say 87.773 per sqm @ Rs 67.28 / per sqm	Rs 5905.37
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	12.000 sqm
		Say 12.000 sqm @ Rs 143.05 / sqm	Rs 1716.60
21 Providing plumbing arrangements			
		Lump-Sum Total	Rs 20000.00
22 Contingencies such as unforeseen items on actuals			
		Lump-Sum Total	Rs 10000.00
		Provision for GST payments (in %) @	18.0%
		Amount reserved for GST payments	61507.39

EST NO:2023/17748

Total	403215.39
Lumpsum for round off	784.61
TOTAL Rs 404000.00	
Rounded Total Rs 4,04,000	
Rupees Four Lakh Four Thousand Only	

(Cost Index Applied for this estimate is 35.59%)



Other Engineering Organisations

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