



## PROCEEDINGS OF THE COCHIN DEVASWOM BOARD

### Abstract

Cochin Devaswom Board – Maramath wing- Constructing two room toilet block at Pamboor temple – Naithalakkavu Devaswom - Thrissur - Quotations invited – Order issued

- Read
1. Note from AE dt. 15-10-2024
  2. Note from AEE dt. 18-10-2024
  3. Note from EE dt. 18-10-2024
  4. Decision of DC dt. 22-10-2024

Order on H1. 1370/2023 dt. 24-10-2024

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 05-11-2024 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/-  
K. Sreeja  
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: 1605/2023-2024

AS Register No:1698/2023-2024

Constructing two room toilet block at Pamboor temple - Neithalakkavu devaswom -Thrissur group

## Detailed Estimate

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

SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>1 Earthwork</b>								
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							
	foundation	2	3.230	0.700	1.150		5.201	
		2	0.580	0.700	1.150		0.934	
		1	0.580	0.550	0.550		0.176	
	septic tank	1	2.500	1.500	1.500		5.625	
	soak pit	1	1.500	1.500	1.500		3.375	
	extra	0.689					0.689	
							Total Quantity	16.000 cum
							Total Deducted Quantity	0.000 cum
							Net Total Quantity	16.000 cum
							Say 16.000 cum @ Rs 214.03 / cum	<b>Rs 3424.48</b>
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>2 Random rubble</b>								
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)							
	foundation	2	3.230	0.600	0.600		2.326	
		2	0.580	0.600	0.600		0.418	
		1	0.580	0.450	0.450		0.118	
	base	2	3.130	0.450	0.450		1.268	
		3	0.780	0.450	0.450		0.474	
	for step base	1	3.130	0.300	0.200		0.188	
		3	0.400	0.300	0.200		0.073	

	extra	0.135						0.135	
	Total Quantity							5.000 cum	
	Total Deducted Quantity							0.000 cum	
	Net Total Quantity							5.000 cum	
	Say 5.000 cum @ Rs 7204.78 / cum							<b>Rs 36023.90</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>3 Solid block</b>									
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								
	wall	2	3.030	0.200	2.100		2.546		
		1	1.200	0.150	2.100		0.378		
		2	1.200	0.240	2.100		1.210		
	deduct	-2	0.750	0.240	2.100		-0.756		
	extra including steps	1.122					1.122		
	Total Quantity							4.500 cum	
	Total Deducted Quantity							0.000 cum	
	Net Total Quantity							4.500 cum	
	Say 4.500 cum @ Rs 6984.85 / cum							<b>Rs 31431.83</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>4 concrete</b>									
1	5.3 Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15 <sup>0</sup> 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).								
	roof slab	1	3.330	2.430	0.100		0.810		
	extra	0.04					0.040		
	Total Quantity							0.850 cum	
	Total Deducted Quantity							0.000 cum	
	Net Total Quantity							0.850 cum	
	Say 0.850 cum @ Rs 11492.88 / cum							<b>Rs 9768.95</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>5 Centering shuttering</b>									

1	5.9.3 Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform								
	roof slab	1	3.330	2.430				8.092	
		2	3.330	0.100				0.666	
		2	2.430	0.100				0.487	
		0.755						0.755	
	Total Quantity							10.000 sqm	
	Total Deducted Quantity							0.000 sqm	
	Net Total Quantity							10.000 sqm	
	Say 10.000 sqm @ Rs 815.78 / sqm							<b>Rs 8157.80</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>6 steel reinforcement</b>									
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								
	roof slab	0.85	80.000					68.000	
		2						2.000	
	Total Quantity							70.000 kilogram	
	Total Deducted Quantity							0.000 kilogram	
	Net Total Quantity							70.000 kilogram	
	Say 70.000 kilogram @ Rs 96.68 / kilogram							<b>Rs 6767.60</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>7 cement concrete</b>									
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)								
	toilet floor	2	1.200	1.200	0.080			0.231	
	steps	2	3.130	0.300	0.080			0.151	
		0.018						0.018	
	Total Quantity							0.400 cum	
	Total Deducted Quantity							0.000 cum	
	Net Total Quantity							0.400 cum	
	Say 0.400 cum @ Rs 7367.55 / cum							<b>Rs 2947.02</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	

8 cement platering								
1	13.1.1	12 mm cement plaster of mix:1:4 ( 1 cement : 4 fine sand)						
	outside wall	2	3.030	2.100			12.726	
	outside wall	2	1.680	1.680			5.645	
	deduct	-2	0.750	2.100			-3.150	
	inside wall	8	1.200	1.200			11.520	
	deduct	-2	0.750	2.100			-3.150	
	basement	2	3.130	0.450			2.817	
	basement	2	1.780	0.450			1.602	
	rooftop	1	3.330	2.430			8.092	
		0.898					0.898	
							Total Quantity	37.000 sqm
							Total Deducted Quantity	0.000 sqm
							Net Total Quantity	37.000 sqm
							Say 37.000 sqm @ Rs 314.09 / sqm	<b>Rs 11621.33</b>
SI No	Description	No	L	B	D	CF	Quantity	Remark
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						
	ceiling	2	1.200	1.200			2.880	
	sunshade	1	3.330	0.150			0.500	
		1	3.330	0.600			1.998	
		2	1.680	0.150			0.504	
	extra	1.618					1.618	
							Total Quantity	7.500 sqm
							Total Deducted Quantity	0.000 sqm
							Net Total Quantity	7.500 sqm
							Say 7.500 sqm @ Rs 291.32 / sqm	<b>Rs 2184.90</b>
SI No	Description	No	L	B	D	CF	Quantity	Remark
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.							
	wall	8	1.200	0.800			7.680		
	deduct	2	0.750	0.800			1.201		
	extra	0.119					0.119		
	Total Quantity						9.000 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						9.000 sqm		
	Say 9.000 sqm @ Rs 1092.18 / sqm						<b>Rs 9829.62</b>		
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<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.							
	floor	2	1.200	1.200			2.880		
	steps	2	3.130	0.900			5.634		
	extra	0.486					0.486		
	Total Quantity						9.000 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						9.000 sqm		
	Say 9.000 sqm @ Rs 1091.02 / sqm						<b>Rs 9819.18</b>		
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<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.							
	f r a m e L35mmx35mmx5mm	4	2.100	2.600			21.841		
		2	0.750	2.600			3.901		
	s h u t t e r L25mmx25mmx5mm	2	2.000	1.800			7.200		

		2	0.750	1.800				2.700	
	flat 25mmx5mm	4	0.750	0.980				2.940	
	ms sheet	2	0.750	2.000				3.000	
		3.418						3.418	
	Total Quantity							45.000 kg	
	Total Deducted Quantity							0.000 kg	
	Net Total Quantity							45.000 kg	
	Say 45.000 kg @ Rs 119.79 / kg							<b>Rs 5390.55</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<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								
	water closet	2					2.000		
	Total Quantity							2.000 each	
	Total Deducted Quantity							0.000 each	
	Net Total Quantity							2.000 each	
	Say 2.000 each @ Rs 6381.61 / each							<b>Rs 12763.22</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<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.								
	water tank	1	500.000				500.000		
	Total Quantity							500.000 Litre	
	Total Deducted Quantity							0.000 Litre	
	Net Total Quantity							500.000 Litre	
	Say 500.000 Litre @ Rs 10.37 / Litre							<b>Rs 5185.00</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>15 25mm PVC pipe,10Kgf/cm2</b>									

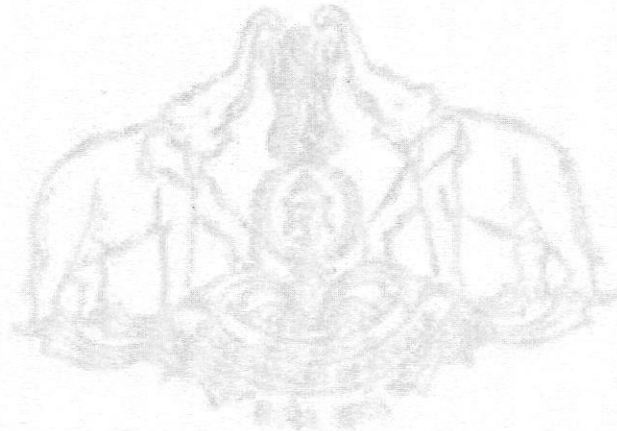
1	50.18.9.13.2 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25 mm dia 10 Kgf/cm <sup>2</sup> - External work - Exposed on wall								
		1	8.000					8.000	
		Total Quantity						8.000 metre	
		Total Deducted Quantity						0.000 metre	
		Net Total Quantity						8.000 metre	
		Say 8.000 metre @ Rs 275.89 / metre						<b>Rs 2207.12</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>16 32mm PVC 6Kgf/cm<sup>2</sup></b>									
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/cm <sup>2</sup> - External work - Exposed on wall								
		1	10.000					10.000	
		Total Quantity						10.000 metre	
		Total Deducted Quantity						0.000 metre	
		Net Total Quantity						10.000 metre	
		Say 10.000 metre @ Rs 309.78 / metre						<b>Rs 3097.80</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>17 50mm PVC 6Kgf/cm<sup>2</sup></b>									
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/cm <sup>2</sup> - External work - Exposed on wall								
		1	15.000					15.000	
		Total Quantity						15.000 metre	
		Total Deducted Quantity						0.000 metre	
		Net Total Quantity						15.000 metre	
		Say 15.000 metre @ Rs 385.16 / metre						<b>Rs 5777.40</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>18 110mm PVC 6Kgf/Cm<sup>2</sup></b>									
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/cm <sup>2</sup>								
		1	5.000					5.000	



							Total Quantity	5.000 metre	
							Total Deducted Quantity	0.000 metre	
							Net Total Quantity	5.000 metre	
							Say 5.000 metre @ Rs 526.17 / metre	<b>Rs 2630.85</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>19 White cement washing</b>									
1	od140977/2023_2024 Cleaning and white cement washing 2 coat over new surface								
		45					45.000		
							Total Quantity	45.000 per sqm	
							Total Deducted Quantity	0.000 per sqm	
							Net Total Quantity	45.000 per sqm	
							Say 45.000 per sqm @ Rs 67.28 / per sqm	<b>Rs 3027.60</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>20 Enamel painting</b>									
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								
	door	4	0.750	2.000			6.000		
							Total Quantity	6.000 sqm	
							Total Deducted Quantity	0.000 sqm	
							Net Total Quantity	6.000 sqm	
							Say 6.000 sqm @ Rs 143.05 / sqm	<b>Rs 858.30</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>21 Supplying and fixing ferro cement readymade septic tank and soak pit</b>									
							Lump-Sum Total	<b>Rs 12000.00</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>22 Providing plumbing arrangements</b>									
							Lump-Sum Total	<b>Rs 10000.00</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>23 Contingencies such as unforeseen items on actuals</b>									
							Lump-Sum Total	<b>Rs 4100.00</b>	
							Service Tax @	<b>18.0%</b>	
							Service Tax Amount	<b>35822.60</b>	
							Total with Service Tax Amount	<b>234836.60</b>	

Lumpsum for round off	163.40
<b>TOTAL Rs 235000.00</b>	
<b>Rounded Total Rs 2,35,000</b>	
Rupees Two Lakh Thirty Five Thousand Only	

(Cost Index Applied for this estimate is 35.59%)



Other Engineering Organisations

**PRICE**