



PROCEEDINGS OF THE COCHIN DEVASWOM BOARD

Renovation of south side toilets at Thriprayar temple – Thriprayar Devaswom Thrissur group.

- Read
1. Report of DAC Thrissur on R1. 5670/22 dt. 25-01-2024
 2. Note from AE dt. 10-05-2024
 3. Note from AEE dt. 13-05-2024
 4. Note from EE dt. 13-05-2024
 5. Decision of DC dt. 15-05-2024

Order on H1. 991/2024 dt. 17-05-2024

As per the papers cited above an estimate of Rs. 4,80,000/- (Rupees Four lakh and eighty 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 24-05-2024 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, AC- Thrissur,
CA to DC, EE, AEE, AE,S.F,

//Approved for issue//

Junior Superintendent

Renovation of south side toilets at Thriprayar temple

Abstract Estimate

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

1 Renovation of toilets	
1	15.2.1 Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-Charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)
Net Total Quantity	
16.920 cum	
Say 16.920 cum @ Rs 2045.12 / cum	
Rs 34603.43	
2	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	
1.692 cum	
Say 1.692 cum @ Rs 7367.55 / cum	
Rs 12465.89	
3	11.40 Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in all colours, shades, except 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 pigments etc., complete.
Net Total Quantity	
16.920 sqm	
Say 16.920 sqm @ Rs 1378.00 / sqm	
Rs 23315.76	
4	8.31 Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.
Net Total Quantity	
90.420 sqm	
Say 90.420 sqm @ Rs 1212.78 / sqm	
Rs 109659.57	
5	17.2.1 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 white solid plastic seat and lid
Net Total Quantity	
8.000 each	

Say 8.000 each @ Rs 6192.67 / each		Rs 49541.36
6	17.4.1 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:One urinal basin with 5 litre white P.V.C. automatic flushing cistern	
Net Total Quantity		2.000 each
Say 2.000 each @ Rs 5864.54 / each		Rs 11729.08
7	10.1 Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	
Net Total Quantity		338.000 kilogram
Say 338.000 kilogram @ Rs 101.29 / kilogram		Rs 34236.02
8	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		Rs 3424.48
9	4.1.6 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 40 mm nominal size)	
Net Total Quantity		0.800 cum
Say 0.800 cum @ Rs 7211.15 / cum		Rs 5768.92
10	50.6.1.4 Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete	
Net Total Quantity		5.761 cum
Say 5.761 cum @ Rs 5950.30 / cum		Rs 34279.68
11	5.1.2 Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size	
Net Total Quantity		0.800 cum
Say 0.800 cum @ Rs 9085.14 / cum		Rs 7268.11

12	5.9.1 Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	
Net Total Quantity		1.600 sqm
Say 1.600 sqm @ Rs 335.31 / sqm		Rs 536.50
13	50.18.9.9.2 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		60.000 metre
Say 60.000 metre @ Rs 476.17 / metre		Rs 28570.20
14	50.18.9.13.1 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 12 Kgf/ cm2- External work- exposed on wall	
Net Total Quantity		25.000 metre
Say 25.000 metre @ Rs 293.24 / metre		Rs 7331.00
15	50.18.9.14.1 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 10 Kgf/cm2 - External work- Exposed on wall	
Net Total Quantity		25.000 metre
Say 25.000 metre @ Rs 327.18 / metre		Rs 8179.50
16	50.18.9.16.1 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 10Kgf/cm2 - External work - Exposed on wall	
Net Total Quantity		20.000 metre
Say 20.000 metre @ Rs 425.21 / metre		Rs 8504.20
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		50.000 metre
Say 50.000 metre @ Rs 225.60 / metre		Rs 11280.00
18	od26158/2024_2025 Supplying and fixing PVC long body tap	
Net Total Quantity		13.000 each
Say 13.000 each @ Rs 92.92 / each		Rs 1207.96

19	13.109.2 Finishing walls with water proofing cement paint of required shade :Old work (one or more coats @ 2.20 kg/10 sqm) complete.	
	Net Total Quantity	184.500 sqm
	Say 184.500 sqm @ Rs 69.90 / sqm	Rs 12896.55
	Service Tax @	18.0%
	Service Tax Amount	72863.68
	Total with Service Tax Amount	477661.68
	Lumpsum for round off	2338.32
		TOTAL Rs 480000.00
		Rounded Total Rs 4,80,000
		Rupees Four Lakh Eighty Thousand Only

(Cost Index Applied for this estimate is 35.59%)

Other Engineering Organisations
PRICE