



PROCEEDINGS OF THE COCHIN DEVASWOM BOARD

Balance work for Ernakulam Devaswom Office building – Ernakulam Shiva temple.

- Read
1. Note from AE dt. 14-11-2023
 2. Note from AEE dt. 20-11-2023
 3. Note from EE dt. 20-11-2023
 4. Decision of DC dt. 20-11-2023

Order on H1. 1724/2023 dt. 21-11-2023

As per the papers cited above an estimate of Rs. 4,96,000/- (Rupees Four lakh and ninety six 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 28-11-2023 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,
DO – Ernakulam,
CA to DC, EE, AEE, AE, S.F,

//Approved for issue//

for Junior Superintendent

LDC

Balance work for Ernakulam Devaswom Office Building

Abstract Estimate

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

1 Solid work		
1	50.6.2.1 Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15 cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 15cm in: CM 1:6 (1 cement :6 coarse sand) etc complete	
Net Total Quantity		4.383 cum
Say 4.383 cum @ Rs 6237.61 / cum		Rs 27339.44
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		0.270 cum
Say 0.270 cum @ Rs 7367.55 / cum		Rs 1989.24
2 Plastering		
1	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	
Net Total Quantity		55.700 sqm
Say 55.700 sqm @ Rs 314.09 / sqm		Rs 17494.81
3 flooring		
1	11.41.2 Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.	
Net Total Quantity		76.887 sqm
Say 76.887 sqm @ Rs 1766.26 / sqm		Rs 135802.43
4 sanitary item		
1	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		3.000 each
Say 3.000 each @ Rs 6050.91 / each		Rs 18152.73

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2	17.7.4 Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Flat back wash basin size 550x400mm with single 15 mm C.P.brasspillar taps	
Net Total Quantity		3.000 each
Say 3.000 each @ Rs 2955.05 / each		Rs 8865.15
3	50.9.3.1 Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge. using Anjili/ Jack wood	
Net Total Quantity		12.953 sqm
Say 12.953 sqm @ Rs 3028.64 / sqm		Rs 39229.97
4	50.17.1.4 Supplying and fixing CP Health faucet good quality including cost of materials and labour charges etc. complete as per the direction of site engineer-in-charge.	
Net Total Quantity		3.000 no
Say 3.000 no @ Rs 758.12 / no		Rs 2274.36
5	od225767/2023_2024 Providing steel floor trap	
Net Total Quantity		3.000 each
Say 3.000 each @ Rs 166.09 / each		Rs 498.27
6	50.17.1.1 Supplying and fixing Stainless steel soap dish including cost of materials and labour charges etc. complete as per the direction of site Engineer-in-charge.	
Net Total Quantity		3.000 no
Say 3.000 no @ Rs 67.02 / no		Rs 201.06
7	od228869/2023_2024 Supplying stainless steel shower	
Net Total Quantity		3.000 each
Say 3.000 each @ Rs 548.23 / each		Rs 1644.69
8	od229000/2023_2024 Supplying shower cock	
Net Total Quantity		3.000 each
Say 3.000 each @ Rs 406.53 / each		Rs 1219.59

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9	50.17.1.2 Supplying and fixing CP Towel rod 45cm or nearest available length including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.	
Net Total Quantity		3.000 no
Say 3.000 no @ Rs 87.60 / no		Rs 262.80
10	od229165/2023_2024 Providing 15mm steel long body tap	
Net Total Quantity		3.000 each
Say 3.000 each @ Rs 638.83 / each		Rs 1916.49
11	10.28 Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)	
Net Total Quantity		18.920 kg
Say 18.920 kg @ Rs 677.34 / kg		Rs 12815.27
12	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		729.300 kilogram
Say 729.300 kilogram @ Rs 101.29 / kilogram		Rs 73870.80
5 PVC Door		
1	9.119 Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in Charge.	
Net Total Quantity		14.250 metre
Say 14.250 metre @ Rs 461.01 / metre		Rs 6569.39

2	9.120.1 Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and sized of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5mm thick, 95 mm wide PVC sheet out of which 75 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mmx2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded /sealed to the styles & rails with 7 mm (5 mm + 2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer -in-charge, manufacture's specification & drawing.30 mm thick plain PVC door shutters	
Net Total Quantity		4.388 sqm
Say 4.388 sqm @ Rs 2852.54 / sqm		Rs 12516.95
3	od227081/2023_2024 Supplying and fixing best quality PVC square type gutter 200 mm or nearest size with GI clamps at 1.00m spacing including cost and conveyance of materials and labour charges etc..	
Net Total Quantity		10.000 metre
Say 10.000 metre @ Rs 727.55 / metre		Rs 7275.50
4	13.52.1 Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work	
Net Total Quantity		40.000 sqm
Say 40.000 sqm @ Rs 223.32 / sqm		Rs 8932.80
6 Centering shuttering		
1	4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns	
Net Total Quantity		31.201 sqm
Say 31.201 sqm @ Rs 335.31 / sqm		Rs 10462.01
7 R.C.C		
1	4.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:1/2:3 (cement : 1 1/2 coarse sand : 3 graded stone aggregate 20 mm nominal size)	
Net Total Quantity		1.500 cum

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Say 1.562 cum @ Rs 8487.46 / cum		Rs 13257.41
8 Steel		
1	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	
Net Total Quantity		124.961 kilogram
Say 124.961 kilogram @ Rs 98.30 / kilogram		Rs 12283.67
9 Cleaning		
1	od228985/2023_2024 Labour charge for cleaning the first floor floor (coolie)	
Net Total Quantity		2.000 Day
Say 2.000 Day @ Rs 878.78 / Day		Rs 1757.56
2	od229034/2023_2024 Clearing and disposal of debris away from site Labour- Mate	
Net Total Quantity		3.000 Day
Say 3.000 Day @ Rs 971.70 / Day		Rs 2915.10
Provision for GST payments (in %) @		18.0%
Amount reserved for GST payments		75518.54
Other Engineering Organisations Total		495065.54
Lumpsum for round off		934.46
PRICE		TOTAL Rs 496000.00
		Rounded Total Rs 4,96,000
Rupees Four Lakh Ninety Six Thousand Only		

(Cost Index Applied for this estimate is 35.59%)

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2023
14/11/23
(over)