



PROCEEDINGS OF THE COCHIN DEVASWOM BOARD

Repair of Devaswom Office and counter at Kurumalikavu temple – Kurumalikavu
Devaswom - Thrissur

- Read
1. Note from AE dt. 10-08-2023
 2. Note from AEE dt. 10-08-2023
 3. Note from EE dt. 11-08-2023
 4. Decision of DC dt. 14-08-2023

Order on H1. 1271/2023 dt. 17-08-2023

As per the papers cited above an estimate of Rs. 2, 50,000/- (Rupees Two lakh and fifty 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 25-08-2023 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)

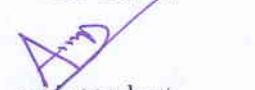
Sd/-

M.K. Nidhish
Assistant Executive Engineer

To

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

//Approved for issue//


Junior Superintendent

Repair of devaswom office and counter - Kurumalikavu Temple

Abstract Estimate

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

1 Labour charge for demolishing wall and grill of counter etc complete

1	od133122/2023_2024 Labour charge for demolishing wall and grill of counter etc complete	Net Total Quantity	8.000 each
		Say 8.000 each @ Rs 878.78 / each	Rs 7030.24
2 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	0.669 cum
		Say 0.669 cum @ Rs 6984.85 / cum	Rs 4672.86
3 Tile flooring			
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	42.811 sqm
		Say 42.811 sqm @ Rs 1091.02 / sqm	Rs 46707.66
4 GP sections - grill			
1	od133356/2023_2024 Steel work for purlin/single section with G P pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	Net Total Quantity	50.003 kg
		Say 50.003 kg @ Rs 129.62 / kg	Rs 6481.39
5 RCC			
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	0.158 cum
		Say 0.158 cum @ Rs 11492.88 / cum	Rs 1815.83

6 Reinforcement

1	5.22.1 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Mild steel and Medium Tensile steel bars
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Net Total Quantity 12.800 kg

Say 12.800 kg @ Rs 96.68 / kg

Rs 1237.50

7 CC 1:3:6

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)
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Net Total Quantity 1.120 cum

Say 1.120 cum @ Rs 7367.55 / cum

Rs 8251.66

8 Glassed window shutter

1	9.9.3.2 Providing and fixing glazed shutters for door, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws.30 mm thick
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Net Total Quantity 4.178 sqm

Say 4.178 sqm @ Rs 4176.04 / sqm

Rs 17447.50

9 Transperant sheet

1	12.47.2 Providing & fixing UV stabilised fibre glass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8 mm dia G.I plain/ bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovings incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified.2 mm thick flat
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Net Total Quantity 4.740 sqm

Say 4.740 sqm @ Rs 1176.31 / sqm

Rs 5575.71

10 Granite slab

1	8.2.2.2 Providing and fixing 18 mm thick gang saw cut, mirror, polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations, of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.Area of slab over 0.50 sqm
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Net Total Quantity	2.451 sqm
Say 2.451 sqm @ Rs 4717.38 / sqm	Rs 11562.30

11 Painting

1	13.98.1 Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One or more coats on old work
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Net Total Quantity	165.415 sqm
Say 165.415 sqm @ Rs 99.66 / sqm	Rs 16485.26

2	13.99.1 Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :One or more coats on old work
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Net Total Quantity	25.076 sqm
Say 25.076 sqm @ Rs 94.10 / sqm	Rs 2359.65

12 cement board

1	26.49.1 Providing and fixing in position factory made EPS cement sandwich wall/roof/floorlight weight solid core panels made of core material of EPS granule balls/beads(conforming to IS 4671:1984 and shall have density not less than 15kg per cum)adhesive, cement, sand, flyash and other bonding material in mortar state processed to form in a preset mould. The outer face on both sides of the panels will be nonasbestos fiber cement board confirming to IS 14862:2000 or Calcium silicate boardconfirming to EN 14306:2009 of 5mm thick each. Panel shall be laid on 6mm thick cement mortar (1 cement: 2 fine sand) mixed with chemical adhesive of 0.5kg per50kg of cement or shall be preferably fixed into 'C' channel made of 1.2mm thick MSplate screwed/fastened to the slab/column/beam etc. The panel shall fixed verticallywith tongue and groove joint and horizontally locked with steel bar between eachother and floors and filled with cement mortar and adhesive. Panels should be usedas floor & roofing with additional structural support, steel or RCC depending uponthe design. All the operation shall be completed in all respect as per drawings,Manufacturers specifications and under the overall direction of Engineer-in-Charge(Cost of all the material is included except "C channel" which will be paid seperately).Non load bearing panels 50mm thick of required size
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Net Total Quantity	15.435 sqm
Say 15.435 sqm @ Rs 1373.46 / sqm	Rs 21199.36

13 PVC door

1	9.121 Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross- section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminated shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.
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Net Total Quantity	14.851 metre
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Say 14.851 metre @ Rs 800.25 / metre

Rs 11884.51

2 9.122.2

Providing and fixing to existing door frames.30 mm thick Fiberglass Reinforced Plastic (F.R.P) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF) / Polystyrene foam to be used all filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS : 14856, complete as per direction of Engineer-in-charge.

Net Total Quantity

4.726 sqm

Say 4.726 sqm @ Rs 4628.30 / sqm

Rs 21873.35

14 Extra for scaffolding etc complete

Lump-Sum Total

Rs 10000.00

15 Contingency such as unforeseen items.

Lump-Sum Total

Rs 12000.00

Provision for GST payments (in %) @

18.0%

Amount reserved for GST payments

37185.25

Total

243770.25

Lumpsum for round off

6229.75

TOTAL Rs 250000.00

Other Engineering Organisations

Rounded Total Rs 2,50,000

Rupees Two Lakh Fifty Thousand Only

PRICE

(Cost Index Applied for this estimate is 35.59%)