



PROCEEDINGS OF THE COCHIN DEVASWOM BOARD

Constructing toilet block at Nelluvai Sree Dhanwanthari temple – Nelluvai Devaswom – Thiruvilwamala.

- Read
1. Note from AE dt. 26-10-2023
 2. Note from AEE dt. 06-11-2023
 3. Note from EE dt. 06-11-2023
 4. Decision of DC dt. 06-11-2023

Order on H1. 1791/2023 dt. 18-11-2023

As per the papers cited above an estimate of Rs. 3,34,000/- (Rupees Three lakh and thirty 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 24-11-2023 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, Thiruvilwamala for exhibiting in their office Notice boards.

(By Order)

Sd/-

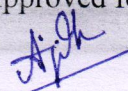
M.K. Nidhish

Assistant Executive Engineer

To

✓ Notice Board, AC- Thiruvilwamala
CA to DC, EE, AEE, AE, S.F,

//Approved for issue//

for  Junior Superintendent

LDC

Name of work : Constructing toilet block at Nelluvai Sree Dhanwanthari Temple,Nelluvai Devaswom

ESTIMATE REPORT

An estimate of Rs.3,34,000/- is herewith submitted for perusal and approval.The estimate may be passed and sanction may be accorded to Samithy to execute the work on contribution basis

Other Engineering Organisations

PRICE

Constructing toilet block at Nelluvai Sree Dhanwanthari Temple, Nelluvai Devaswom

General Abstract

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

| Sl No | Heading Description | Amount |
|-------|--|-----------|
| 1 | Earthwork | 963.13 |
| 2 | Random rubble | 50433.46 |
| 3 | Solid block | 32130.31 |
| 4 | concrete | 14940.74 |
| 5 | Centering shuttering | 11869.59 |
| 6 | steel reinforcement | 9474.64 |
| 7 | cement concrete | 5967.71 |
| 8 | cement plating | 19159.48 |
| 9 | Ceiling plating | 3350.18 |
| 10 | Dadoing | 27304.50 |
| 11 | Ceramic floor tiling | 54022.91 |
| 12 | Water tank | 10370.00 |
| 13 | 25mm PVC pipe, 10Kgf/cm ² | 4138.34 |
| 14 | 32mm PVC 6Kgf/cm ² | 4646.70 |
| 15 | 50mm PVC 6Kgf/cm ² | 3851.60 |
| 16 | 110mm PVC 6Kgf/cm ² | 3002.53 |
| 17 | White cement washing | 4844.16 |
| 18 | Supplying and fixing ferro cement readymade septic tank and soak pit | 12000.00 |
| 19 | Providing ventilator on actuals | 6000.00 |
| 20 | Contingencies such as other unforeseen items on actuals | 4000.00 |
| | Provision for GST payments (in %) @ | 18.0% |
| | Amount reserved for GST payments | 50844.60 |
| | Total | 333314.60 |
| | Lumpsum for round off | 685.40 |
| | TOTAL Rs 334000.00 | |
| | Rounded Total Rs 3,34,000 | |
| | Rupees Three Lakh Thirty Four Thousand Only | |

(Cost index Applied for this estimate is 35.59%)

(Cost index Applied for this estimate is 35.59%)

26/10/23

| 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 | | 98.000 kilogram |
| Say 98.000 kilogram @ Rs 96.68 / kilogram | | Rs 9474.64 |
| 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 | | 0.810 cum |
| Say 0.810 cum @ Rs 7367.55 / cum | | Rs 5967.72 |
| 8 cement platering | | |
| 1 | 13.1.1 | 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand) |
| Net Total Quantity | | 61.000 sqm |
| Say 61.000 sqm @ Rs 314.09 / sqm | | Rs 19159.49 |
| 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 | | 11.500 sqm |
| Say 11.500 sqm @ Rs 291.32 / sqm | | Rs 3350.18 |
| 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 | | 25.000 sqm |
| Say 25.000 sqm @ Rs 1092.18 / sqm | | Rs 27304.50 |
| 11 Ceramic floor tiling | | |

| | | |
|--------------------------------------|---------|--|
| 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 | | 18.000 sqm |
| Say 18.000 sqm @ Rs 1091.02 / sqm | | Rs 19638.36 |
| 2 | 9.117.2 | Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0mm (± 0.2 mm), corners of the door frame to be jointed with galvanized brackets and stainless steel screws, joints mitred and plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 x 19 mm and 1 mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge. Extruded section profile size 42x50 mm |
| Net Total Quantity | | 14.100 metre |
| Say 14.100 metre @ Rs 314.77 / metre | | Rs 4438.26 |
| 3 | 9.118.2 | Providing and fixing to existing door frames 30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (± 0.2 mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint at the corners by means of M.S. galvanised/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 25x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 mm and 2 mm (± 0.2 mm) wall thickness fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. |
| Net Total Quantity | | 4.800 sqm |
| Say 4.800 sqm @ Rs 2329.03 / sqm | | Rs 11179.34 |
| 4 | 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 | | 2.000 each |
| Say 2.000 each @ Rs 6192.67 / each | | Rs 12385.34 |

| | | |
|---|--------|--|
| 5 | 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 |
|---|--------|--|

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|--------------------|------------|
| Net Total Quantity | 1.000 each |
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|------------------------------------|--|
| Say 1.000 each @ Rs 6381.61 / each | |
|------------------------------------|--|

| | |
|--|------------|
| | Rs 6381.61 |
|--|------------|

12 Water tank

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|---|-------|---|
| 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 |
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| | |
|---------------------------------------|--|
| Say 1000.000 Litre @ Rs 10.37 / Litre | |
|---------------------------------------|--|

| | |
|--|-------------|
| | Rs 10370.00 |
|--|-------------|

13 25mm PVC pipe,10Kgf/cm2

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|---|--------------|---|
| 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 | 15.000 metre |
|--------------------|--------------|

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|--------------------------------------|--|
| Say 15.000 metre @ Rs 275.89 / metre | |
|--------------------------------------|--|

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|--|------------|
| | Rs 4138.35 |
|--|------------|

14 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 | 15.000 metre |
|--------------------|--------------|

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|--------------------------------------|--|
| Say 15.000 metre @ Rs 309.78 / metre | |
|--------------------------------------|--|

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|--|------------|
| | Rs 4646.70 |
|--|------------|

15 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 |
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| | |
|--------------------|--------------|
| Net Total Quantity | 10.000 metre |
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|--------------------------------------|--|
| Say 10.000 metre @ Rs 385.16 / metre | |
|--------------------------------------|--|

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|--|------------|
| | Rs 3851.60 |
|--|------------|

16 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 | | 5.000 metre |
| Say 5.000 metre @ Rs 526.17 / metre | | Rs 2630.85 |
| 2 | od214447/2023_2024 Supplying and fixing PVC long body tap | |
| Net Total Quantity | | 4.000 each |
| Say 4.000 each @ Rs 92.92 / each | | Rs 371.68 |
| 17 White cement washing | | |
| 1 | od214446/2023_2024 Cleaning and white cement washing 2 coat over new surface | |
| Net Total Quantity | | 72.000 per sqm |
| Say 72.000 per sqm @ Rs 67.28 / per sqm | | Rs 4844.16 |
| 18 Supplying and fixing ferro cement readymade septic tank and soak pit | | |
| Lump-Sum Total | | Rs 12000.00 |
| 19 Providing ventilator on actuals | | |
| Lump-Sum Total | | Rs 6000.00 |
| 20 Contingencies such as other unforeseen items on actuals | | |
| Lump-Sum Total | | Rs 4000.00 |
| Provision for GST payments (in %) @ | | 18.0% |
| Amount reserved for GST payments | | 50844.60 |
| Total | | 333314.60 |
| Lumpsum for round off | | 685.40 |
| TOTAL Rs 334000.00 | | |
| Rounded Total Rs 3,34,000 | | |
| Rupees Three Lakh Thirty Four Thousand Only | | |

(Cost Index Applied for this estimate is 35.59%)

[NB: 10% CP & 3% OMC, 18% GST on the rates will not be allowed for the work executed by the samithy]

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26/10/23