



FOREST INDUSTRIES (TRAVANCORE) LIMITED

(A KERALA GOVERNMENT COMPANY)
THAI KKATTUKARA P.O., ALUVA - 683 106,
KERALA STATE
CIN:U02001KL1946SGC000373

QUOTATION NOTICE

FIT/PUR/37/09/2022-23/678

28.07.2022

INVITATION OF QUOTATION FOR CIVIL WORKS

Percentage Quotations are invited for Civil works at Kerala Kalamandalam, Cheruthuruthy, Thrissur. Quotation should be sent to “THE MANAGING DIRECTOR, FOREST INDUSTRIES TRAVANCORE LTD, THAIKKATTUKARA, ALUVA, PIN-683106” so as to reach the undersigned on or before 05.08.2022. The notice is attached with Estimate schedule. Please quote the percentage in the specified columns given below.

Sl. No	Specification	Percentage	
		Above	Below
1.	Civil Works		

For further details, please visit our Website: www.fitkerala.co.in

Sd/-
Managing Director
Forest Industries (Travancore) Limited

NB : Estimate Schedule is attached below:-

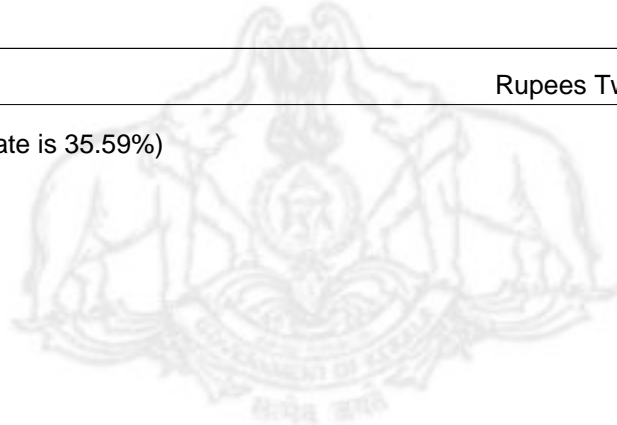
CONSTRUCTION OF TOILET AT KERALA KALAMANDALAM , THRISSUR

General Abstract

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

SI No	Heading Description	Amount
1	Civil works	175464.86
2	Plumbing and Electrical	10000.00
	Provision for GST payments (in %) @	18.0%
	Amount reserved for GST payments	33383.67
	Total	218848.67
	Lumpsum for round off	1151.33
		TOTAL Rs 220000.00
		Rounded Total Rs 2,20,000
		Rupees Two Lakh Twenty Thousand Only

(Cost Index Applied for this estimate is 35.59%)



Other Engineering Organisations

PRICE

CONSTRUCTION OF TOILET AT KERALA KALAMANDALAM , THRISSUR

Abstract Estimate

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

1 Civil works		
1	15.7.4 Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge. In cement mortar	
Net Total Quantity		0.379 cum
Say 0.379 cum @ Rs 1730.20 / cum		Rs 655.75
2	2.8.1 Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	
Net Total Quantity		2.391 cum
Say 2.391 cum @ Rs 296.94 / cum		Rs 709.98
3	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	
Net Total Quantity		0.567 cum
Say 0.567 cum @ Rs 6814.89 / cum		Rs 3864.04
4	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)	
Net Total Quantity		2.127 cum
Say 2.127 cum @ Rs 7204.78 / cum		Rs 15324.57
5	2.25 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	
Net Total Quantity		1.701 cum
Say 1.701 cum @ Rs 258.57 / cum		Rs 439.83
6	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, with1:1.5:3 (1 cement : 1.5 coarse sand (Zone III) : 3 graded stone aggregate 20 mm nominal size).	

		Net Total Quantity	0.568 cum
		Say 0.568 cum @ Rs 11492.88 / cum	Rs 6527.96
7	5.22A.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo - Mechanically Treated bars of grade Fe-500D or more		
		Net Total Quantity	64.019 kg
		Say 64.019 kg @ Rs 98.30 / kg	Rs 6293.07
8	5.9.3 Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform		
		Net Total Quantity	4.252 sqm
		Say 4.252 sqm @ Rs 815.78 / sqm	Rs 3468.70
9	50.6.1.2 Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 (1 cement: 6 coarse sand) etc complete.		
		Net Total Quantity	7.939 cum
		Say 7.939 cum @ Rs 6602.09 / cum	Rs 52413.99
10	13.16.1 6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)		
		Net Total Quantity	8.101 sqm
		Say 8.101 sqm @ Rs 267.59 / sqm	Rs 2167.75
11	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)		
		Net Total Quantity	10.082 sqm
		Say 10.082 sqm @ Rs 314.09 / sqm	Rs 3166.66
12	10.11.1 Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side/top/centre hung, with beading and all members such as F7D, F4B, K11B and K 12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer, but excluding the cost of other fittings, complete all as per approved design, (sectional weight of only steel members shall be measured for payment). Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand: 6 graded stone aggregate 20 mm nominal size)		
		Net Total Quantity	3.240 kg
		Say 3.240 kg @ Rs 196.00 / kg	Rs 635.04

13	9.123 Providing and fixing factory made door frame (single rebate) made out of single piece extruded solid PVC foam profile with homogeneous fine cellular structure having smooth outer integral skin having 62 mm width & 32 mm thickness, frame will be mitred & jointed with self driven self tapping screws of size 38 mm x 4 mm & PVC solvent cement, including fixing the frame to wall with suitable dia & length anchor fastener as per manufacturer's specification and direction of Engineer-in-charge.	
Net Total Quantity		4.950 metre
Say 4.950 metre @ Rs 560.87 / metre		Rs 2776.31
14	9.124.1 Providing and fixing factory made 30 mm thick door shutter made of solid PVC foam profile. The styles & rails shall be of size 75 mm x 30 mm having wall thickness 5 mm. The styles, top & bottom rails shall have one side wall thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power. The styles and rails shall be reinforced with M.S. tubes of size 33 mm x 17 mm x 1 mm, painted with primer, all four corners of reinforcement to be welded or sealed. Solid PVC extruded bidding (Push fit type) will be set inside the styles and the rails with a cavity, to receive single piece extruded 5 mm PVC sheet as panel. The styles and rails will be mitred cut and joint with the help of PVC solvent cement & self driven self tapping screws. Single piece extruded solid PVC lock rails of size 100mm x 30 mm with wall thickness 5 mm & 15 mm integrally extruded in the middle of the lock rail & fixed with styles with the help of PVC solvent cement & self driven self tapping screws of size 100 mm x 8 mm complete as per manufacturer's specifications and direction of Engineer -in-charge. Non decorative finish	
Net Total Quantity		1.435 sqm
Say 1.435 sqm @ Rs 3565.27 / sqm		Rs 5116.16
15	4.5.1 Providing and fixing up to floor five level precast concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases, etc. including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete. 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	
Net Total Quantity		0.065 cum
Say 0.065 cum @ Rs 10049.66 / cum		Rs 653.23
16	13.7.1 12 mm cement plaster finished with a floating coat of neat cement of mix:1:3 (1 cement : 3 fine sand)	
Net Total Quantity		8.101 sqm
Say 8.101 sqm @ Rs 401.21 / sqm		Rs 3250.20
17	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		3.781 sqm

Say 3.781 sqm @ Rs 1766.26 / sqm		Rs 6678.23
18	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		14.581 sqm
Say 14.581 sqm @ Rs 1212.78 / sqm		Rs 17683.55
19	13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface: Water thinnable cement primer	
Net Total Quantity		28.263 sqm
Say 28.263 sqm @ Rs 70.64 / sqm		Rs 1996.50
20	13.60.1 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work	
Net Total Quantity		28.263 sqm
Say 28.263 sqm @ Rs 151.39 / sqm		Rs 4278.74
21	17.78 Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/6 litre (adjustable to 4 litre /8 litres), including seat cover, and cistern fittings, nuts bolts and gasket etc complete.	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 16305.65 / each		Rs 16305.65
22	50.17.1.3 Supplying and fixing CP Towel rod 60cm 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		1.000 no
Say 1.000 no @ Rs 128.25 / no		Rs 128.25
23	50.17.1.5 Supplying and fixing CP Health Faucet superior quality (Jagur or equivalent make) including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.	
Net Total Quantity		1.000 no
Say 1.000 no @ Rs 1280.77 / no		Rs 1280.77

24	17.60.1.1 Providing and fixing trap of self cleansing design with screwed down or hinged grating without vent arm complete, including cost of cutting and making good the walls and floors:100 mm inlet and 100 mm outlet Sand cast iron S & S as per IS : 3989	
Net Total Quantity		2.000 each
Say 2.000 each @ Rs 1780.36 / each		Rs 3560.72
25	17.70.1 Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 31 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the center of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 394.63 / each		Rs 394.63
26	17.71 Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 186.64 / each		Rs 186.64
27	17.72 Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 268.60 / each		Rs 268.60
28	17.22B Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as approved by Engineer in charge. (a) 15 mm nominal dia	
Net Total Quantity		1.000 no
Say 1.000 no @ Rs 7196.30 / no		Rs 7196.30
29	18.22.2 Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet:150 mm diameter	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 222.23 / each		Rs 222.23
30	18.51.1 Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	
Net Total Quantity		2.000 each
Say 2.000 each @ Rs 650.15 / each		Rs 1300.30

31	18.52.1 Providing and fixing C.P brass stop cock (concealed) of standard design and of approved make conforming to IS: 893115 mm nominal bore		
		Net Total Quantity	3.000 each
		Say 3.000 each @ Rs 713.61 / each	Rs 2140.83
32	18.53.1 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS: 893115 mm nominal bore		
		Net Total Quantity	1.000 each
		Say 1.000 each @ Rs 626.22 / each	Rs 626.22
33	22.5 Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg /sqm mixed with water proofing cement compound @ 0.126 kg/ sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.		
		Net Total Quantity	3.781 sqm
		Say 3.781 sqm @ Rs 548.05 / sqm	Rs 2072.18
34	18.8.1 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes& fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.15 mm nominal outer dia pipes		
		Net Total Quantity	3.000 metre
		Say 3.000 metre @ Rs 482.16 / metre	Rs 1446.48
35	17.28.1.2 Providing and fixing P.V.C. waste pipe for sink or wash basin including PVC.waste fittings complete.Semi rigid pipe40 mm dia		
		Net Total Quantity	1.000 each
		Say 1.000 each @ Rs 115.86 / each	Rs 115.86
36	17.28.2.2 Flexible pipe40 mm dia		
		Net Total Quantity	1.000 each
		Say 1.000 each @ Rs 118.98 / each	Rs 118.98
2 Plumbing and Electrical			

Lump-Sum Total		Rs 10000.00
	Provision for GST payments (in %) @	18.0%
Amount reserved for GST payments		33383.67
Total		218848.67
Lumpsum for round off		1151.33
		TOTAL Rs 220000.00
		Rounded Total Rs 2,20,000
Rupees Two Lakh Twenty Thousand Only		

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