

15 -ാം കേരള നിയമസഭ

12 -ാം സമ്മേളനം

നക്ഷത്ര ചിഹ്നം ഇല്ലാത്ത ചോദ്യം നം. 2063

14-10-2024 - ൽ മറുപടിയ്ക്ക്

തിരൂരങ്ങാടി പോലീസ് സ്റ്റേഷൻ നവീകരണം

ചോദ്യം		ഉത്തരം	
ശ്രീ. കെ. പി. എ. മജീദ്		ശ്രീ. പിണറായി വിജയൻ (മുഖ്യമന്ത്രി)	
(എ)	2021 ൽ തിരൂരങ്ങാടി പോലീസ് സ്റ്റേഷൻ നവീകരണത്തിന് പണം ചെലവായിട്ടുണ്ടോ; എങ്കിൽ എത്ര രൂപയാണ് ചെലവാക്കിയത്;	(എ)	ഉണ്ട്. തിരൂരങ്ങാടി പോലീസ് സ്റ്റേഷന്റെ നവീകരണത്തിനായി 2020-21, 2021-22 കാലയളവിൽ 25 ലക്ഷം രൂപ അനുവദിച്ചിട്ടുള്ളതും ആയത് ഉപയോഗിച്ച് സ്റ്റേഷന്റെ നവീകരണ പ്രവർത്തനങ്ങൾ പൂർത്തീകരിച്ചിട്ടുള്ളതുമാണ്.
(ബി)	ആർക്കായിരുന്നു നവീകരണ ചുമതല; എന്തെല്ലാം പ്രവൃത്തികളാണ് നവീകരണത്തിന്റെ ഭാഗമായി നടന്നത്;	(ബി)	നവീകരണ ചുമതല കേരള പോലീസ് ഹൗസിംഗ് കൺസ്ട്രക്ഷൻ & കോർപ്പറേഷൻ ലിമിറ്റഡിന് ആയിരുന്നു. പോലീസ് സ്റ്റേഷൻ നവീകരണ പ്രവൃത്തിക്കൊപ്പം താഴെപ്പറയുന്ന പ്രവർത്തികൾ നടത്തിയിട്ടുള്ളതും ഉപകരണങ്ങൾ വാങ്ങിയിട്ടുള്ളതുമാണ്. 1) Women Help Desk 2) Basic Training Unit 3) Smart Storage 4) Women friendly Child friendly 5) Ramp & Disabled friendly toilet 6) ഉദ്യോഗസ്ഥർക്കായുള്ള Basic Amenity 7) അത്യാവശ്യം വേണ്ടുന്ന ഫർണിച്ചറുകളും ഉപകരണങ്ങളും വാങ്ങിയത്
(സി)	അയതിന്റെ എസ്റ്റിമേറ്റ് കോപ്പിയും നവീകരണത്തിന് ശേഷം പണം അനുവദിക്കുന്നതിന് സബ്മിറ്റ് ചെയ്ത ബില്ലുകളുടെ പകർപ്പും ലഭ്യമാക്കാമോ;	(സി)	എസ്റ്റിമേറ്റിന്റെ പകർപ്പ് അനുബന്ധം ആയി ചേർക്കുന്നു. ഒറിജിനൽ ബില്ലുകൾ ജില്ലാ ട്രഷറിയിൽ സമർപ്പിച്ചതിനാൽ പകർപ്പ് ലഭ്യമല്ല.
(ഡി)	പ്രസ്തുത നവീകരണവുമായി ബന്ധപ്പെട്ട് എന്തെങ്കിലും പരാതി ലഭിച്ചിട്ടുണ്ടോ; എങ്കിൽ ആരുടെയെല്ലാം പരാതികളാണ് ലഭിച്ചത്; പരാതികളിൽ എടുത്ത നടപടികളെന്താണ്;	(ഡി)	റസാഖ് എന്ന പേരിൽ 15.12.2021-ലും, 08.09.2024-ലും പരാതി ലഭിച്ചതിൽ അന്വേഷണം നടത്തിയിരുന്നു. ആയത് പരിശോധനയിലാണ്.
(ഇ)	2021 ലെ പോലീസ് സ്റ്റേഷൻ നവീകരണത്തിന് തൊണ്ടി മണൽ ഉപയോഗിക്കാൻ അനുമതി ഉണ്ടായിരുന്നോ; എങ്കിൽ അനുമതിയുടെ പകർപ്പ് ലഭ്യമാക്കാമോ;	(ഇ)	അനുമതി നൽകിയിട്ടില്ല. സ്പോൺസർഷിപ്പ് സ്വീകരിച്ചിട്ടുമില്ല.

<p>(എഫ്)</p>	<p>നവീകരണത്തിനാവശ്യമായ എന്തെങ്കിലും സാധനങ്ങൾ കടകളിൽ നിന്നോ വ്യക്തികളിൽ നിന്നോ സ്വപോൺസർഷിപ്പ് വഴി സ്വീകരിച്ചിരുന്നോ; എങ്കിൽ ആരിൽ നിന്നെല്ലാം; എന്തെല്ലാമാണ് സ്വീകരിച്ചത്?</p>	<p>(എഫ്)</p>	<p>(ഇ) യിൽ ചേർത്തിട്ടുണ്ട്.</p>
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സെക്ഷൻ ഓഫീസർ

KERALA POLICE HOUSING AND CONSTRUCTION CORPORATION LIMITED

ESTIMATE FOR THE UPKEEP AND MAINTENANCE OF OLD POLICE STATION BUILDING AT THIRURANGADI PS, MALAPPURAM PHASE

I

(LATEST COST INDEX TO DSR 2016 WITH EFFECT FROM 26.03.2019-31.06%) (PREPARED WITH "PRICE SOFTWARE")

1 CIVIL WORKS	Rs. 214246.00
2 WATER SUPPLY AND SANITARY WORKS	Rs. 21238.00
TOTAL	Rs. 235484.00
GST ON WORK AMOUNT(12%)	Rs. 28258.00
SUPERVISION CHARGES (8%)	Rs. 18839.00
GST ON SUPERVISION CHARGES(18%)	Rs. 3391.00
TOTAL	Rs. 285972.00

Say Rs.2,86,000/-

Rupees Two Lakh Eighty Six Thousand Only

MANAGING DIRECTOR

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Upkeep and maintenance of old Police station building at Tirurangadi PS,
Malappuram (Phase 1)

Abstract Estimate

(Dsr year: 2016, Cost Index Applied for this estimate is 31.06%)

1 CIVIL WORKS		
1	15.2.2 Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-Charge. Nominal concrete 1:4:3 leaner mix (including equivalent design mix)	
	Net Total Quantity	0.442 cum
	Say 0.442 cum @ Rs 806.22 / cum	Rs 356.35
2	15.3 Demolishing R.C.C. work manually / by mechanical means including stacking of steel bars and disposal of unserviceable material with in 50 metres lead as per direction of Engineer -in-Charge.	
	Net Total Quantity	0.225 cum
	Say 0.225 cum @ Rs 1906.33 / cum	Rs 428.92
3	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	2.000 cum
	Say 2.000 cum @ Rs. 1104.44 / cum	Rs 2208.88
4	15.23.1 Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	
	Net Total Quantity	10.691 sqm
	Say 10.691 sqm @ Rs 41.35 / sqm	Rs 442.07
5	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	0.170 cum
	Say 0.170 cum @ Rs 5869.06 / cum	Rs 997.74
6	50.6.2.2 Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size conforming 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	0.048 cum
	Say 0.048 cum @ Rs 5744.82 / cum	Rs 275.75

PRICE

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7	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	Net Total Quantity	2.500 sqm
		Say 2.500 sqm @ Rs 226.67 / sqm	Rs 566.68
8	13.80 Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Net Total Quantity	290.100 sqm
		Say 290.100 sqm @ Rs 114.55 / sqm	Rs 33230.96
9	13:48:1 Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturer's specifications:Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm	Net Total Quantity	398.400 sqm
		Say 398.400 sqm @ Rs 129.68 / sqm	Rs 51664.51
10	9.48.2 Providing and fixing M.S. Grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.Fixed to openings/ wooden frames with raw plugs screws etc	Net Total Quantity	14.000 kg
		Say 14.000 kg @ Rs 147.38 / kg	Rs 2063.32
11	50.9.2.1 Providing and fixing paneled and glazed shutters for doors, windows and clerestory windows, 35 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws excluding panelling which will be paid for separately, all complete as per direction of Engineerin - charge.using Anjili/ Jack wood	Net Total Quantity	1.680 sqm
		Say 1.680 sqm @ Rs 2828.93 / sqm	Rs 4752.60
12	21.1.1.2 Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS : 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing /panelling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge.(Glazing, panelling and dash fasteners to be paid for separately):For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)	Net Total Quantity	56.616 kg

		Say 56.616 kg @ Rs 503.93 / kg	Rs 28530.50
13	21.1.2.2	For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber/ neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	
		Net Total Quantity	37.710 kg
		Say 37.710 kg @ Rs 583.15 / kg	Rs 21990.59
14	21.3.1	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer - in -Charge. (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 4.0 mm thickness	
		Net Total Quantity	3.000 sqm
		Say 3.000 sqm @ Rs 971.81 / sqm	Rs 2915.43
15	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer - in -Charge. (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 5.50 mm thickness	
		Net Total Quantity	6.280 sqm
		Say 6.280 sqm @ Rs 1315.78 / sqm	Rs 8263.10
16	21.2.2	Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS : 12823 Grade I Type II, in panelling, fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer - in - Charge.Pre- laminated particle board with decorative lamination on both sides	
		Net Total Quantity	8.780 sqm
		Say 8.780 sqm @ Rs 1135.77 / sqm	Rs 9972.06
17	od113316/2021_2022	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 all colours 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. (Antiskid)	
		Net Total Quantity	2.052 sqm
		Say 2.052 sqm @ Rs 1080.47 / sqm	Rs 2217.12

18	11.36	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 @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.
		Net Total Quantity 9.000 sqm
		Say 9.000 sqm @ Rs 976.13 / sqm Rs 8785.17
19	od113317/2021_2022	Supplying and fixing PVC door(syntex)for toilets including cost and conveyance of all materials and labour charges etc.complete.
		Net Total Quantity 2.000 each
		Say 2.000 each @ Rs 3252.20 / each Rs 6504.40
20	13.61.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work
		Net Total Quantity 69.860 sqm
		Say 69.860 sqm @ Rs 102.75 / sqm Rs 7178.12
21	10.16.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete Hot finished welded type tubes
		Net Total Quantity 176.714 kg
		Say 176.714 kg @ Rs 118.28 / kg Rs 20901.73
2.WATER SUPPLY AND SANITARY FITTINGS		
1	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
		Net Total Quantity 1.000 each
		Say 1.000 each @ Rs 4579.50 / each Rs 4579.50
2	17.7.3	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 Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps
		Net Total Quantity 2.000 each

PRICE

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		Say 1.000 no @ Rs 553.99 / no	Rs 553.99
10	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 645.54 / each	Rs 1291.08
11	17.32.2	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Rectangular shape 453x357 mm	
		Net Total Quantity	1.000 each
		Say 1.000 each @ Rs 986.62 / each	Rs 986.62
12	50.18.9.22.4	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement- 110 mm dia Bend	
		Net Total Quantity	5.000 no
		Say 5.000 no @ Rs 154.09 / no	Rs 770.45
3 SUPERVISION CHARGES (8% OF ESTIMATE AMOUNT)			
		Lump-Sum Total	Rs 18838.72
4 GST (18% OF SUPERVISION CHARGES)			
		Lump-Sum Total	Rs 3390.96
5 GST (12% OF ESTIMATE AMOUNT)			
		Lump-Sum Total	Rs 28258.08
		Provision for GST payments (in %) @	0.0%
		Amount reserved for GST payments	0.00
		Total	285971.00
		Lumpsum for round off	29.00
		TOTAL Rs 286000.00	
		Rounded Total Rs 2,86,000	
		Rupees Two Lakh Eighty Six Thousand Only	

(Cost Index Applied for this estimate is 31.06%)

**KERALA POLICE HOUSING AND CONSTRUCTION
CORPORATION LIMITED**

**ESTIMATE FOR THE UPKEEP AND MAINTENANCE OF OLD POLICE
STATION BUILDING AT THIRURANGADI PS, MALAPPURAM PHASE**

II

**(LATEST COST INDEX TO DSR 2016 WITH EFFECT FROM 26.03.2019-31.06%)(PREPARED WITH
"PRICE SOFTWARE")**

1 ELECTRICAL WORKS	Rs. 279105.00
TOTAL	Rs. 279105.00
GST ON WORK AMOUNT(12%)	Rs. 33493.00
SUPERVISION CHARGES (8%)	Rs. 22328.00
GST ON SUPERVISION CHARGES(18%)	Rs. 4019.00
TOTAL	Rs. 338945.00

Say Rs.3,39,000/-

Rupees Three Lakh Thirty Nine Thousand Only

MANAGING DIRECTOR

M
P

PRICE

EST NO:2021/11712

Up keep and maintenance of Old Police building at Tirurangadi PS, Malappuram
(Phase 2)

Abstract Estimate

(Dsr year: 2016, Cost Index Applied for this estimate is 31.06%)

1 ELECTRICAL WORKS		
1	1.10.1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVCinsulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLSPVC insulated copper conductor single core cable etc as required. Group A
		Net Total Quantity 12.000 point
		Say 12.000 point @ Rs 718.21 / point Rs 8618.52
2	1.10.2	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVCinsulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLSPVC insulated copper conductor single core cable etc as required. Group B
		Net Total Quantity 26.000 point
		Say 26.000 point @ Rs 806.02 / point Rs 20956.52
3	1.17.3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required. 3 X 1.5 sq. mm
		Net Total Quantity 150.000 metre
		Say 150.000 metre @ Rs 65.53 / metre Rs 9829.50
4	1.17.12	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required. 3 x 2.5 sq. mm
		Net Total Quantity 290.000 metre
		Say 290.000 metre @ Rs 98.30 / metre Rs 28507.00
5	1.17.21	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required. 3 x 4 sq. mm
		Net Total Quantity 90.000 metre
		Say 90.000 metre @ Rs 145.48 / metre Rs 13093.20
6	1.17.30	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required. 3 x 6 sq. mm
		Net Total Quantity 45.000 metre
		Say 45.000 metre @ Rs 212.32 / metre Rs 9554.40

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7	1.17.33	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.6 x 6 sq. mm	
		Net Total Quantity	20.000 metre
		Say 20.000 metre @ Rs 419.39 / metre	Rs 8387.80
8	1.21.1	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess.including cutting the wall and making good the same in case of recessed conduit as required.20 mm	
		Net Total Quantity	350.00) metre
		Say 350.000 metre @ Rs 74.70 / metre	Rs 26145.00
9	1.25	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	
		Net Total Quantity	10.000 each
		Say 10.000 each @ Rs 377.45 / each	Rs 3774.50
10	1.31	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residential buildings).	
		Net Total Quantity	18.000 each
		Say 18.000 each @ Rs 410.22 / each	Rs 7383.96
11	1.32	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	
		Net Total Quantity	4.000 each
		Say 4.000 each @ Rs 532.10 / each	Rs 2128.40
12	1.56	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 Nos. 3 pin 5/6 A modular socket outlets and 2 Nos. 5/6 A modular switches, connection etc. as required. (For light plugs to be used in non residential buildings).	
		Net Total Quantity	13.000 each
		Say 13.000 each @ Rs 660.54 / each	Rs 8587.02
13	1.58	Supplying and fixing PVC batten/ angle holder including connection etc. as required.	
		Net Total Quantity	10.000 each
		Say 10.000 each @ Rs 81.26 / each	Rs 812.60

14	2.3.4	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCBIRCCB/Isolator 16 way, Double door
		Net Total Quantity 1.000 each
		Say 1.000 each @ Rs 1787.66 / each Rs 1787.66
15	2.10.1	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole
		Net Total Quantity 12.000 each
		Say 12.000 each @ Rs 226.73 / each Rs 2720.76
16	2.12.1	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 amps
		Net Total Quantity 2.000 each
		Say 2.000 each @ Rs 290.95 / each Rs 581.90
17	2.13.1	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 amps
		Net Total Quantity 1.000 each
		Say 1.000 each @ Rs 874.17 / each Rs 874.17
18	2.13.2	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63 amps
		Net Total Quantity 1.000 each
		Say 1.000 each @ Rs 888.59 / each Rs 888.59
19	5.4	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.
		Net Total Quantity 2.000 set
		Say 2.000 set @ Rs 5670.97 / set Rs 11341.94

20	od113283/2021_2022 Fabrication ,supply ,installing and providing dust and vermin proof wall mounting cubick type three phase meter board of suitable size fabricated from 1.60 mm /16 SWG CRCA sheet, providing necessary support made from same gauge to fix KSEB meter /fuse unit/neutral link /CTs given below ,hinged door construction for the front side provided with vision panel and providing knock outs for wire /cable entry and exit required quantity of rubber beeding painting the entire board with 2 coats of synthetic enamel paint over a coat of zinc chromate primer ,fixing it on the wall , making good the damages ,colour washing etc as required .CRCA sheet alone be used for the fabrication. 415 V 63 A Procelain fuse unit-3Nos; Neutral link-1 (MR)	Net Total Quantity	1.000 no
		Say 1.000 no @ Rs 3455.00 / no	Rs 3455.00
21	90.11.1.11 Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of MCB DB including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required 6 way (8+18) - three phase double cover (IP 42/43)	Net Total Quantity	1.000 each
		Say 1.000 each @ Rs 4415.17 / each	Rs 4415.17
22	od113284/2021_2022 Supply and fixing LED focus light including connection etc as required.	Net Total Quantity	2.000 each
		Say 2.000 each @ Rs 390.00 / each	Rs 780.00
23	od113285/2021_2022 Supply and Fixing 70 W LED Steet light fitting make Loker/Bajaj/Crompton/Philips or equivalent govt approved brand including connection etc as complete	Net Total Quantity	1.000 each
		Say 1.000 each @ Rs 6440.00 / each	Rs 6440.00
24	od113286/2021_2022 Supply conveyance, installation, testing and commissioning of the 225mm size(Metal Frame) of exhaust fans in the existing opening, fixing necessary bolt and nuts, making good the damages etc. as required including giving connections with required length of 24/0.20mm PVC insulated and PVC sheathed 3core round copper conductor flex wire conforming to relevant ISS. - 	Net Total Quantity	3.000 each
		Say 3.000 each @ Rs 1345.00 / each	Rs 4035.00
25	od113287/2021_2022 Supply and fixing 12 W LED Bulb make philips/Govt approved reputed brand	Net Total Quantity	10.000 each
		Say 10.000 each @ Rs 207.00 / each	Rs 2070.00

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26	od113288/2021_2022 Supply, installation, testing and commissioning of 20W LED Tube Light fittings of CROMPTON make or equivalent, giving connection with 3 core PVC insulated and sheathed round Cu flex on wall/ceiling conforming to relevant ISS etc. complete as required
	Net Total Quantity 16.000 each
	Say 16.000 each @ Rs 773.88 / each Rs 12382.08
27	od113289/2021_2022 Supply and Fixing Recess type ceiling light 24 W LED panel light fitting with adaptor make Luker/Bajaj/Crompton/Philips or equivalent govt approved brand including connection etc as complete
	Net Total Quantity 16.000 each
	Say 16.000 each @ Rs 1668.00 / each Rs 26688.00
28	od113290/2021_2022 Wireman Assistant
	Net Total Quantity 6.000 Day
	Say 6.000 Day @ Rs 675.00 / Day Rs 4050.00
29	od113291/2021_2022 Electrician
	Net Total Quantity 6.000 Day
	Say 6.000 Day @ Rs 750.00 / Day Rs 4500.00
30	od113292/2021_2022 Supply and fixing 6W mirror light make philips, crompton, bajaj, or equivalent reputed brand and giving connection etc.
	Net Total Quantity 2.000 each
	Say 2.000 each @ Rs 280.00 / each Rs 560.00
31	od113293/2021_2022 Supply and fixing outdoor LED light fittings like bulkhead model make philips/ govt approved reputed brand and giving connections etc
	Net Total Quantity 6.000 each
	Say 6.000 each @ Rs 430.00 / each Rs 2580.00
32	od113294/2021_2022 Supplying and fixing 2 nos of 2 M GI/PVC box with modular plate and cover in front on surface or in recess, including providing and fixing 25 A modular shuttered socket & 25 A modular DP switch with indicator, connection etc. as required.
	Net Total Quantity 3.000 each set
	Say 3.000 each set @ Rs 1055.00 / each set Rs 3165.00

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33	od113295/2021_2022 Supply, conveyance, installation, testing and commissioning of ceiling fans of the following sizes using standard accessories excluding resistance type regulator, wiring the down rod with 16/0.20mm PVC insulated and PVC sheathed 650/1100V grade 3 core round copper conductor flex wire or with extended original wiring etc. as required. 1200mm sweep ceiling fan complete with 300mm down rod, canopies, shackles and blades and resistance type regulator working on 230V/240V single phase A/C	
	Net Total Quantity	9.000 each
	Say 9.000 each @ Rs 1850.00 / each	Rs 16650.00
34	od113296/2021_2022 Supply and providing 4U cabinet of approved make powder coated with glass panel front door including giving connection etc complete as required.	
	Net Total Quantity	1.000 each
	Say 1.000 each @ Rs 2000.00 / each	Rs 2000.00
35	od113297/2021_2022 Supply and providing Cat 6 Input/Output Modular socket with plate on surface.	
	Net Total Quantity	12.000 each
	Say 12.000 each @ Rs 426.00 / each	Rs 5112.00
36	od113298/2021_2022 Supply, installation, testing and commissioning of following port switch (10/100/1000 mbps) 8 Port GIGABIT Desktop Switch D-Link/ TP-Link approved make, giving connections etc. complete as required.	
	Net Total Quantity	2.000 each
	Say 2.000 each @ Rs 1898.00 / each	Rs 3796.00
37	1.53.1 Supplying and drawn of UTP 4 pair CAT 6 LAN cable in the existing surface/recessed steel/PVC conduit as required 1 run of Cable	
	Net Total Quantity	176.000 metre
	Say 176.000 metre @ Rs 44.56 / metre	Rs 7842.56
38	90.16.1.4 Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required 4.00 mm copper conductor (8 SWG)	
	Net Total Quantity	30.000 metre
	Say 30.000 metre @ Rs 87.35 / metre	Rs 2620.50
	2 SUPERVISION CHARGES (8% OF ESTIMATE AMOUNT)	
	Lump-Sum Total	Rs 22328.40
	3 GST (18% OF SUPERVISION CHARGES)	
	Lump-Sum Total	Rs 4019.11
	4 GST (12% OF ESTIMATE AMOUNT)	

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Lump-Sum Total	Rs 33492.60
Provision for GST payments (in %) @	0.0%
Amount reserved for GST payments	0.00
Total	338945.00
Lumpsum for round off	55.00
TOTAL Rs 339000.00	
Rounded Total Rs 3,39,000	
Rupees Three Lakh Thirty Nine Thousand Only	

(Cost Index Applied for this estimate is 31.06%)

Other Departmental Organisations

PRICE

CHIEF ENGINEER.

**KERALA POLICE HOUSING AND CONSTRUCTION
CORPORATION LIMITED**

**ESTIMATE FOR PROVIDING BASIC AMENITIES TO PUBLIC AT
THIRURANGADI PS, MALAPPURAM PHASE I**

**(LATEST COST INDEX TO DSR 2016 WITH EFFECT FROM 26.03.2019-31.06%)(PREPARED WITH
"PRICE SOFTWARE")**

1 CIVIL WORKS	Rs. 354081.00
TOTAL	Rs. 354081.00
GST ON WORK AMOUNT(12%)	Rs. 42490.00
SUPERVISION CHARGES (8%)	Rs. 28326.00
GST ON SUPERVISION CHARGES(18%)	Rs. 5099.00
TOTAL	Rs. 429996.00

Say Rs.4,30,000/-

Rupees Four Lakh Thirty Thousand Only


MANAGING DIRECTOR
*Ms
AET*

Basic Amenities to Public at Tirurangadi PS, Malappuram (Phase 1)

Abstract Estimate

(Dsr year 2016.Cost Index Applied for this estimate is 31.06%)

1 CIVIL WORKS		
1	15.3 Demolishing R.C.C. work manually / by mechanical means including stacking of steel bars and disposal of unserviceable material with in 50 metres lead as per direction of Engineer in-Charge.	
	Net Total Quantity	0.301 cum
	Say 0.301 cum @ Rs 1906.33 / cum	Rs 573.81
2	od113450/2021_2022 Engaging labour for demolishing truss (including pipes & roofing sheets of any type)	
	Net Total Quantity	6.000 each
	Say 6.000 each @ Rs 681.97 / each	Rs 4091.82
3	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	0.348 cum
	Say 0.348 cum @ Rs 5744.82 / cum	Rs 1999.20
4	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	0.875 cum
	Say 0.875 cum @ Rs 218.08 / cum	Rs 190.82
5	4.1.4 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level.1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	
	Net Total Quantity	0.875 cum
	Say 0.875 cum @ Rs 7064.72 / cum	Rs 6181.63
6	od113445/2021_2022 Supply and fixing Steel chair as per direction from Engineer In Charge	
	Net Total Quantity	2.000 each
	Say 2.000 each @ Rs 7491.68 / each	Rs 14983.36
7	od113449/2021_2022 Providing and fixing PVC Wall panelling 360x30cm PVC board 9mm thick (TKT sheet) including cost and conveyance of all materials and labour charges etc	

PRICE

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		Net Total Quantity	58.802 sqm
		Say 58.802 sqm @ Rs 580.75 / sqm	Rs 34149.26
8	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	
		Net Total Quantity	132.601 sqm
		Say 132.601 sqm @ Rs 114.55 / sqm	Rs 15189.44
9	13.48.1	Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications. Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm	
		Net Total Quantity	132.601 sqm
		Say 132.601 sqm @ Rs 129.68 / sqm	Rs 17195.70
10	10.16.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	
		Net Total Quantity	267.601 kg
		Say 267.601 kg @ Rs 118.28 / kg	Rs 31651.85
11	12.50	<p style="text-align: center;">Other Engineering Organisations</p> <p style="text-align: center;">PREP</p> Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+0.05%), total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling/self tapping screws of size (5.5x55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	
		Net Total Quantity	46.200 sqm
		Say 46.200 sqm @ Rs 721.35 / sqm	Rs 33326.37
12	12.51.1	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05%) total coated thickness, zinc coating 120 grams per sqm as per IS: mm(+0.05%) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/self tapping screws complete: Ridges plain (500-600 mm)	
		Net Total Quantity	5.000 metre
		Say 5.000 metre @ Rs 472.41 / metre	Rs 2362.05

PRICE

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13	13.61.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade. Two or more coats on new work.
Net Total Quantity		19.945 sqm
Say 19.945 sqm @ Rs 102.75 / sqm		Rs 2049.35
14	12.45.1	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25 mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5x25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, galls, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with 12.5 mm thick tapered edge gypsum plain board conforming to IS : 2095-Part 1
Net Total Quantity		132.601 sqm
Say 132.601 sqm @ Rs 1056.61 / sqm		Rs 140107.54
15	od113447/2021-2022	Cladding using designer tiles as specified by Engineer in charge.
Net Total Quantity		5.000 sqm
Say 5.000 sqm @ Rs 1129.43 / sqm		Rs 5647.15
16	16.68	Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.
Net Total Quantity		55.000 sqm
Say 55.000 sqm @ Rs 806.94 / sqm		Rs 44381.70
2 SUPERVISION CHARGES (8% OF ESTIMATE AMOUNT)		
Lump-Sum Total		Rs 28326.48

3 GST (18% OF SUPERVISION CHARGES)	
Lump-Sum Total	Rs 5098.76
4 GST (12% OF ESTIMATE AMOUNT)	
Lump-Sum Total	Rs 42489.72
Provision for GST payments (in %) @	0.0%
Amount reserved for GST payments	0.00
Total	429996.00
Lumpsum for round off	4.00
TOTAL Rs 430000.00	
Rounded Total Rs 4,30,000	
Rupees Four Lakh Thirty Thousand Only	

(Cost Index Applied for this estimate is 31.06%)

Other Engineering Organisations

PRICE

**KERALA POLICE HOUSING AND CONSTRUCTION
CORPORATION LIMITED**

**ESTIMATE FOR BASIC AMENITIES TO PUBLIC AT THIRURANGADI
PS, MALAPPURAM PHASE II**

**(LATEST COST INDEX TO DSR 2016 WITH EFFECT FROM 26.03.2019-31.06%)(PREPARED WITH
"PRICE SOFTWARE")**

1 CIVIL WORKS	Rs. 366393.00
TOTAL	Rs. 366393.00
GST ON WORK AMOUNT(12%)	Rs. 43967.00
SUPERVISION CHARGES (8%)	Rs. 29311.00
GST ON SUPERVISION CHARGES(18%)	Rs. 5276.00
TOTAL	Rs. 444947.00

Say Rs.4,45,000/-

Rupees Four Lakh Fourty Five Thousand Only

~~MANAGING DIRECTOR~~

M
PET

Basic Amenities to Public at Tirurangadi PS, Malappuram (Phase 2)

Abstract Estimate

(Dsr year: 2016, Cost Index Applied for this estimate is 31.06%)

1 CIVIL WORKS		
1	15.23.1 Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	
	Net Total Quantity	85.101 sqm
	Say 85.101 sqm @ Rs 411.35 / sqm	Rs 3518.93
2	15.3 Demolishing R.C.C. work manually / by mechanical means including stacking of steel bars and disposal of unserviceable material with in 50 metres lead as per direction of Engineer -in-Charge.	
	Net Total Quantity	0.301 cum
	Say 0.301 cum @ Rs 1906.33 / cum	Rs 573.81
3	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	0.421 cum
	Say 0.421 cum @ Rs 1104.44 / cum	Rs 464.97
4	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 1 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	0.372 cum
	Say 0.372 cum @ Rs 5744.82 / cum	Rs 2137.07
5	50.6.7.2 Laterate masonry with neatly dressed laterate stone of size 40x20x15cm or nearest size in cement mortar 1:6 for super structure above plinth level up to floor two level including all cost of materials, labour charges etc.	
	Net Total Quantity	3.331 cum
	Say 3.331 cum @ Rs 6705.70 / cum	Rs 22336.69
6	13.1.1 12 mm cement plaster of mix: 1:4 (1 cement : 4 fine sand)	
	Net Total Quantity	28.621 sqm
	Say 28.621 sqm @ Rs 226.67 / sqm	Rs 6487.52
7	13.80 Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	

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		Net Total Quantity	97.200 sqm
		Say 97.200 sqm @ Rs 114.55 / sqm	Rs 11134.26
8	13.48.1	Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications. Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm	
		Net Total Quantity	429.000 sqm
		Say 429.000 sqm @ Rs 129.68 / sqm	Rs 55632.72
9	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	85.101 sqm
		Say 85.101 sqm @ Rs 1467.09 / sqm	Rs 124850.83
10	10.16.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	
		Net Total Quantity	32.400 kg
		Say 32.400 kg @ Rs 118.28 / kg	Rs 3832.27
11	10.25.2	Item Shifted to head 14 as Item 14.74 Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	
		Net Total Quantity	56.700 kg
		Say 56.700 kg @ Rs 112.65 / kg	Rs 6387.26
12	13.61.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade. Two or more coats on new work	
		Net Total Quantity	10.500 sqm
		Say 10.500 sqm @ Rs 102.75 / sqm	Rs 1076.88
13	od114126/2021_2022	Providing and fixing PVC false ceiling 366x30cm PVC board 9mm thick (TKT sheet) with aluminium frame grid consisting of 25x25mm at 60cm intervals and the grid suspended from the structural soffit using hanging bars 12mm dia aluminium rods at each grid junction, rawl plugs and necessary strings etc. including cost and conveyance of all materials and labour charges etc complete.	
		Net Total Quantity	32.000 sqm

		Say 32.000 sqm @ Rs 975.66 / sqm	Rs 31221.12
14	12.45.1	<p>Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.5 mm thick with flanges of 27 mm and 37 mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25 mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5x25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with: 12.5 mm thick tapered edge gypsum plain board conforming to IS : 2095-Part 1</p>	
		Net Total Quantity	70.160 sqm
		Say 70.160 sqm @ Rs 1056.61 / sqm	Rs 74131.76
15	21.1.1.2	<p>Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS : 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, milled and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing/paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately); For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)</p>	
		Net Total Quantity	14.668 kg
		Say 14.668 kg @ Rs 503.93 / kg	Rs 7391.65
16	21.1.2.2	<p>For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber/ neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)</p>	
		Net Total Quantity	15.885 kg

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EST NO:2021/1174

		Say 15.885 kg @ Rs 583.15 / kg	Rs 9263.34
17	21.2.2	Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS : 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer - in- Charge. Pre- laminated particle board with decorative lamination on both sides	
		Net Total Quantity	1.000 sqm
		Say 1.000 sqm @ Rs 1135.77 / sqm	Rs 1135.77
18	21.3.1	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer - in -Charge. (Cost of aluminium snap beading shall be paid in basic item).With float glass panes of 4.0 mm thickness	
		Net Total Quantity	3.600 sqm
		Say 3.600 sqm @ Rs 971.81 / sqm	Rs 3498.52
19	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer - in -Charge. (Cost of aluminium snap beading shall be paid in basic item).With float glass panes of 5.50 mm thickness	
		Net Total Quantity	1.000 sqm
		Say 1.000 sqm @ Rs 1315.78 / sqm	Rs 1315.78
		2 SUPERVISION CHARGES (8% OF ESTIMATE AMOUNT)	
		Lump-Sum Total	Rs 29311.44
		3 GST (18% OF SUPERVISION CHARGES)	
		Lump-Sum Total	Rs 5276.05
		4 GST (12% OF ESTIMATE AMOUNT)	
		Lump-Sum Total	Rs 43967.16
		Provision for GST payments (in %) @	0.0%
		Amount reserved for GST payments	0.00
		Total	444948.00
		Lumpsum for round off	52.00
		TOTAL Rs 445000.00	
		Rounded Total Rs 4,45,000	
		Rupees Four Lakh Forty Five Thousand Only	

**KERALA POLICE HOUSING AND CONSTRUCTION
CORPORATION LIMITED**

**ESTIMATE FOR PROVIDING RAMP AND DISABLED FRIENDLY TOILET
AT THIRURANGADI PS, MALAPPURAM**

**(LATEST COST INDEX TO DSR 2016 WITH EFFECT FROM 26.03.2019-31.06%)(PREPARED WITH
"PRICE SOFTWARE")**

1 CIVIL WORKS	Rs. 102879.00
TOTAL	Rs. 102879.00
GST ON WORK AMOUNT(12%)	Rs. 12345.00
SUPERVISION CHARGES (8%)	Rs. 8230.00
GST ON SUPERVISION CHARGES(18%)	Rs. 1481.00
TOTAL	Rs. 124935.00

Say Rs.1,25,000/-

Rupees One Lakh Twenty Five Thousand Only

~~MANAGING DIRECTOR~~

14/12/19

PRICE

EST NO:2021/11357

Ramp and Disabled friendly toilet at Tirurangadi PS, Malappuram

Abstract Estimate

(Dsr year: 2016, Cost Index Applied for this estimate is 31.06%)

1 CIVIL WORKS		
1	15.23.1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm
Net Total Quantity		13.050 sqm
Say 13.050 sqm @ Rs 41.35 / sqm		Rs 539.62
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		0.812 cum
Say 0.812 cum @ Rs 218.08 / cum		Rs 177.08
3	50.6.7.2	Laterate masonry with neatly dressed laterate stone of size 40x20x15cm or nearest size in cement mortar 1:6 for super structure above plinth level up to floor two level including all cost of materials, labour charges etc.
Net Total Quantity		1.463 cum
Say 1.463 cum @ Rs 6705.70 / cum		Rs 9810.44
4	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		0.758 cum
Say 0.758 cum @ Rs 5869.06 / cum		Rs 4448.75
5	od108022/2021_2022	Providing and laying Designer 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 colours White, Ivory, Grey, fume Red Brown, 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.
Net Total Quantity		7.150 sqm
Say 7.150 sqm @ Rs 1077.91 / sqm		Rs 7707.06
6	od108025/2021_2022	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 all colours 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. (Antiskid)

		Net Total Quantity	2.250 sqm
		Say 2.250 sqm @ Rs 1080.47 / sqm	Rs 2431.06
7	11.36	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 @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	
		Net Total Quantity	8.641 sqm
		Say 8.641 sqm @ Rs 976.13 / sqm	Rs 8434.74
8	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, & 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	66.511 kg
		Say 66.511 kg @ Rs 619.13 / kg	Rs 41178.96
9	15.2.2	Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-Charge. Nominal concrete 1:4:8 leaner mix (including equivalent design mix)	
		Net Total Quantity	0.338 cum
		Say 0.338 cum @ Rs 806.22 / cum	Rs 272.50
10	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	0.169 cum
		Say 0.169 cum @ Rs 1104.44 / cum	Rs 186.65
11	13.1.1	12 mm cement plaster of mix 1:4 (1 cement : 4 fine sand)	
		Net Total Quantity	4.975 sqm
		Say 4.975 sqm @ Rs 226.67 / sqm	Rs 1127.68

12	13.48.1	Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr / 10 sqm	Net Total Quantity	4.975 sqm
			Say 4.975 sqm @ Rs 129.68 / sqm	Rs 645.16
13	21.1.1.2	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing /paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately): For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)	Net Total Quantity	4.872 kg
			Say 4.872 kg @ Rs 503.93 / kg	Rs 2455.15
14	21.1.2.2	For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber/ neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium, (minimum thickness of powder coating 50 micron)	Net Total Quantity	8.056 kg
			Say 8.056 kg @ Rs 583.15 / kg	Rs 4697.86
15	21.2.2	Providing and fixing 12mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 1282B Grade I Type II in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass/ stainless steel screws etc. complete as per architectural drawings and directions of Engineer in Charge. Pre-laminated particle board with decorative lamination on both sides	Net Total Quantity	2.200 sqm
			Say 2.200 sqm @ Rs 1135.77 / sqm	Rs 2498.69
16	17.3.1	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, 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	1.000 each

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EST NO:2021/1135

		Say 1.000 each @ Rs 6020.57 / each	Rs 6020.57
17	17.7.3	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 Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps	
		Net Total Quantity	1.000 each
		Say 1.000 each @ Rs 2746.10 / each	Rs 2746.10
18	od108024/2021-2022	Providing and fixing 110mm PVC Multi floor trap	
		Net Total Quantity	1.000 each
		Say 1.000 each @ Rs 180.03 / each	Rs 180.03
19	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	1.000 each
		Say 1.000 each @ Rs 645.54 / each	Rs 645.54
20	17.32.2	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing Rectangular shape 453x357 mm	
		Net Total Quantity	1.000 each
		Say 1.000 each @ Rs 986.62 / each	Rs 986.62
21	17.73.2	Providing and fixing PTMT towel-rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighting not less than 190 gms	
		Net Total Quantity	1.000 no
		Say 1.000 no @ Rs 553.99 / no	Rs 553.99
22	50.18.8.3.2	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. Concealed work, including cutting chases and making good the wall etc. 25 mm pipe 10kgf /cm ²	
		Net Total Quantity	5.000 metre
		Say 5.000 metre @ Rs 301.93 / metre	Rs 1509.65

PRICE

EST NO 2021/11690

Making Police station Wall and Plinth masonry at Tirurangadi PS, Malappuram

Abstract Estimate

(Dsr year 2010 Cost Index / April 2001 Cost Index = 31.06%)

I CIVIL WORKS

		Excavation 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 forming 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	8.625 cum
		Say 8.625 cum @ Rs 218.08 / cum	Rs 1880.94
2	od113300/2021_2022	Supplying toys as per direction from engineer in charge	
		Net Total Quantity	5.000 each
		Say 5.000 each @ Rs 1997.78 / each	Rs 9988.90
3	od113307/2021_2022	Supply and fixing Steel chair as per direction from Engineer In Charge	
		Net Total Quantity	2.000 each
		Say 2.000 each @ Rs 7491.68 / each	Rs 14983.36
4	60.7.1	DRY RUBBLE MASONRY - Dry rubble without concrete levelling course masonry with good quality blasted rubble including packing to compactness to lines and levels, cost and conveyance of all materials labour charges etc. complete as per direction of Departmental officers at site	
		Net Total Quantity	6.625 cum
		Say 6.625 cum @ Rs 2515.43 / cum	Rs 16664.72
5	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	0.520 cum
		Say 0.520 cum @ Rs 5197.64 / cum	Rs 2702.77
6	50.6.2.2	Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size conforming 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	1.054 cum
		Say 1.054 cum @ Rs 5744.82 / cum	Rs 6055.04

7	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		0.216 cum
Say 0.216 cum @ Rs 5869.06 / cum		Rs 1267.72
8	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		0.878 cum
Say 0.878 cum @ Rs 8145.84 / cum		Rs 7152.05
9	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		0.059 cum
Say 0.059 cum @ Rs 9686.38 / cum		Rs 571.50
10	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		2.880 sqm
Say 2.880 sqm @ Rs 553.47 / sqm		Rs 1593.99
11	5.9.5 Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	
Net Total Quantity		1.560 sqm
Say 1.560 sqm @ Rs 449.40 / sqm		Rs 701.06
12	5.9.16.1 Centering and shuttering including strutting, etc. and removal of form for:Edges of slabs and breaks in floors and walls Under 20 cm wide	
Net Total Quantity		16.000 metre
Say 16.000 metre @ Rs 160.16 / metre		Rs 2562.56
13	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	
Net Total Quantity		100.000 kilogram

		Say 100 (100) (100) (100) / 4 (10) / (100) (100)	Rs 7418.00
14	od100020/2021_2022	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 all colours 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 (Antiskid)	
		Net Total Quantity	2.250 sqm
		Say 2.250 sqm @ Rs 1080.47 / sqm	Rs 2431.06
15	11.36	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 @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	
		Net Total Quantity	8.640 sqm
		Say 8.640 sqm @ Rs 976.13 / sqm	Rs 8433.76
16	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	0.421 cum
		Say 0.421 cum @ Rs 1104.44 / cum	Rs 464.97
17	13.1.1	12 mm cement plaster of mix: 1:4 (1 cement : 4 fine sand)	
		Net Total Quantity	15.560 sqm
		Say 15.560 sqm @ Rs 226.67 / sqm	Rs 3526.99
18	od108030/2021_2022	Lettering for fine artist of existing board and walls using enamel paint two or more coats applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture. MR	
		Net Total Quantity	84.522 sqm
		Say 84.522 sqm @ Rs 499.45 / sqm	Rs 42214.51
19	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	
		Net Total Quantity	34.302 sqm
		Say 34.302 sqm @ Rs 114.55 / sqm	Rs 3929.29

20	13.48.1	Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm
		Net Total Quantity 48.860 sqm
		Say 48.860 sqm @ Rs 129.68 / sqm Rs 6336.16
21	od108924/2021_2022	Providing and fixing ready made fabric curtains to the opening including all PVC fittings labour charges etc.
		Net Total Quantity 10.000 sqm
		Say 10.000 sqm @ Rs 696.90 / sqm Rs 6969.00
22	21.1.1.2	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS : 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing /paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately): For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)
		Other Engineering Net Total Quantity 13.132 kg
		Say 13.132 kg @ Rs 503.93 / kg Rs 1578.31
23	21.3.1	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer - in -Charge. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 4.0 mm thickness
		Net Total Quantity 0.450 sqm
		Say 0.450 sqm @ Rs 971.81 / sqm Rs 437.31
24	9.48.2	Providing and fixing M.S. Grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings/ wooden frames with rawlplugs screws etc
		Net Total Quantity 7.000 kg
		Say 7.000 kg @ Rs 147.38 / kg Rs 1031.66
25	od108690/2021_2022	Supplying and fixing PVC door (syntex) for toilets including cost and conveyance of all materials and labour charges etc complete.

		Net Total Quantity	1,000 each
		Say 1,000 each @ Rs 3252.20 / each	Rs 3252.20
26	10,16.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	
		Net Total Quantity	19,000 kg
		Say 19,000 kg @ Rs 118.28 / kg	Rs 2247.32
27	12.50	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+0.05%), total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling/self tapping screws of size (5.5x55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	
		Net Total Quantity	4.841 sqm
		Say 4.841 sqm @ Rs 721.35 / sqm	Rs 3492.06
28	12.45.1	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25 mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5x25 mm at 230 mm c/c, including jointing and finishing tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with 12.5 mm thick tapered edge gypsum plain board conforming to IS : 2095-Part 1	
		Net Total Quantity	23,600 sqm
		Say 23,600 sqm @ Rs 1056.61 / sqm	Rs 24936.00

29	od108703/2021_2022 Providing and fixing PVC false ceiling 366x30cm PVC board 9mm thick (TKT sheet) with aluminium frame grid consisting of 25x25mm at 60cm intervals and the grid suspended from the structural ceiling using hanging bars 12mm dia aluminium rods at each grid junction, rawl plugs and necessary strings etc. including cost and conveyance of all materials and labour charges etc complete.	
Net Total Quantity		1.680 sqm
Say 1.680 sqm @ Rs 975.66 / sqm		Rs 1639.11
30	17.3.1 Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, 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		1.000 each
Say 1.000 each @ Rs 6020.57 / each		Rs 6020.57
31	17.7.3 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 Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 2746.10 / each		Rs 2746.10
32	od108029/2021_2022 Providing and fixing 110mm PVC Multi floor trap	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 180.03 / each		Rs 180.03
33	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		1.000 each
Say 1.000 each @ Rs 645.54 / each		Rs 645.54
34	17.32.2 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Rectangular shape 453x357 mm	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 986.62 / each		Rs 986.62

35	17.73.2 Providing and fixing P.V.C. lower rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour 600 mm long lower rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighting not less than 190 gms
	Net Total Quantity 1.000 no
	Say 1.000 no @ Rs 553.99 / no Rs 553.99
36	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 1.000 no
	Say 1.000 no @ Rs 757.62 / no Rs 757.62
37	50.18.7.3.2 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 10Kgf/cm ² - Internal work- Exposed on wall
	Net Total Quantity 12.000 metre
	Say 12.000 metre @ Rs 193.12 / metre Rs 2317.44
38	50.18.8.3.2 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. Concealed work, including cutting chases and making good the wall etc. 25 mm pipe 10kgf/cm ²
	Net Total Quantity 5.000 metre
	Say 5.000 metre @ Rs 301.93 / metre Rs 1509.65
39	50.18.9.6.1 Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 50 mm dia. 10Kgf/cm ²
	Net Total Quantity 3.000 metre
	Say 3.000 metre @ Rs 224.52 / metre Rs 673.56
40	50.18.9.8.2 Providing and fixing PVC pipes including of pipes with one step PVC solvent cement, trenching and refilling & testing of joints complete as per direction of Engineer in Charge. 75 mm dia 4 Kg/cm ²
	Net Total Quantity 10.000 metre
	Say 10.000 metre @ Rs 245.33 / metre Rs 2453.30
41	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/cm ²
	Net Total Quantity 10.000 metre

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Say 10.000 metre @ Rs 378.72 / metre		Rs 3787.20
42	50 18.9.22.4 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement- 110 mm dia Bend	
Net Total Quantity		2.000 no
Say 2.000 no @ Rs 154.09 / no		Rs 308.18
43	51.19.ST1 Supplying and installing ready made PVC Septic tank including the cost of carnage, trenching, placing at the level below ground level as specified as per the direction of engineer in charge (Provision for CC/RCC/Sand/06mm aggregate for the preparation of bed shall be paid separately) 1. Below 15 flush capacity	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 17003.20 / each		Rs 17003.20
2 SUPERVISION CHARGES (8% OF ESTIMATE AMOUNT)		
Lump-Sum Total		Rs 18112.40
3 GST (18% OF SUPERVISION CHARGES)		
Lump-Sum Total		Rs 3260.23
4 GST (12% OF ESTIMATE AMOUNT)		
Lump-Sum Total		Rs 27468.60
Provision for GST payments (in %) @		0.0%
Amount reserved for GST payments		0.00
Total		274947.00
Lumpsum for round off		53.00
TOTAL Rs 275000.00		
Rounded Total Rs 2,75,000		
Rupees Two Lakh Seventy Five Thousand Only		

(Cost Index Applied for this estimate is 31.06%)

~~CHIEF ENGINEER~~

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