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ABSTRACT ESTIMATE

GENERAL-Project No. SO188/25 : Estimate for Allocation of beneficial amount for House renovation in connection with acute poverty eradication under Kollam corporation (name of beneficiary :- Sri Thulaseedharan Madambissery kizhakkathil, Maruthadi-P.O. Kollam)-Project No. SO188-25 : Estimate for Allocation of beneficial amount for House renovation in connection with acute poverty eradication under Kollam corporation (name of beneficiary :- Sri Thulaseedharan Madambissery kizhakkathil, Maruthadi-P.O. Kollam)-General Civil Work

Sl No	Specification	Quantity	Rate	Amount
I Renovation				
1.001	15.28.2			
	Dismantling roofing including ridges, hips, velleys and gutters etc., and stacking the material within 50 metres lead of Asbestos Sheet			
	Net Total	46.913sqm		
1.002	OD540328/2024-2025			
	Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to 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.0.35 mm thick with zinc coating not less than 275 gm/m2			
	Net Total	46.913sqm		
1.003	50.10.1			
	Steel work in built up G I tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting,fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete			
	Net Total	78.232kg		
1.004	50.10.2			
	Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete			
	Net Total	54.540kg		
1.005	50.9.1.1			
	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood			
	Net Total	0.127cum		

Sl No	Specification	Quantity	Rate	Amount
1.006	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	4.623sqm		
1.007	9.53 Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)			
	Net Total	15.000each		
1.008	12.51.1 Providing and fixing precoated 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	6.700metre		
1.009	14.1.1 Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 meters lead:With cement mortar 1:4 (1 cement : fine sand)			
	Net Total	5.940sqm		
1.010	13.82.1 Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture including applying additional coats wherever required, to achieve even shade and colour.One coat			
	Net Total	133.900sqm		
	Heading Total(Rs)			
	Total Estimation PAC			
3	Extra Charges			
2.001	Provision for GST			
	Grand Total			
	Round off			
	Rounded Total(Rs)			

ESTIMATE

GENERAL-KMC House maintenance-House maintenance-General Civil Work

Sl No	Specification	Quantity	Rate	Amount
1	House Maintenance of Smt. Saraswati			
1.001	13.1.1			
	12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	42.780sqm		
1.002	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	8.910sqm		
1.003	50.9.1.1			
	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood			
	Net Total	0.173cum		
1.004	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	0.465cum		
1.005	17.2.2			
	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:W.C. pan with ISI marked black solid plastic seat and lid			
	Net Total	1.000each		
1.006	50.18.8.7.2			
	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes 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 63 mm pipe 4 kgf/ cm ²			
	Net Total	2.000metre		
1.007	50.18.9.2.2			

Sl No	Specification	Quantity	Rate	Amount
	Providing and fixing PVC pipes includings of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 20 mm dia 10 Kgf/cm ²			
	Net Total	10.000metre		
1.008	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/cm ²			
	Net Total	2.000metre		
1.009	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	500.000Litre		
1.010	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	4.650sqm		
1.011	14.53.1			
	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:One or more coats on old work			
	Net Total	198.000sqm		
1.012	12.50			
	Providing and fixing precoated 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	7.000sqm		
	Heading Total(Rs)			
	Total Estimation PAC			
3	Extra Charges			
2.001	Provision for GST			
				0.00

ABSTRACT ESTIMATE

GENERAL-KMC House maintenance-House maintenance-General Civil Work

Sl No	Specification	Quantity	Rate	Amount
1	House Maintenance of Smt. Savithri			
1.001	13.1.1			
	12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	22.930sqm		
1.002	13.16.1			
	6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)			
	Net Total	48.640sqm		
1.003	13.7.2			
	12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	48.640sqm		
1.004	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	10.020sqm		
1.005	50.9.1.1			
	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood			
	Net Total	0.046cum		
1.006	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	0.188cum		
1.007	17.2.2			
	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:W.C. pan with ISI marked black solid plastic seat and lid			

SI No	Specification	Quantity	Rate	Amount
	Net Total	1.000each		
1.008	50.18.8.7.2			
	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes 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 63 mm pipe 4 kgf/ cm ²			
	Net Total	2.000metre		
1.009	50.18.9.2.2			
	Providing and fixing PVC pipes includings of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 20 mm dia 10 Kgf/cm ²			
	Net Total	10.000metre		
1.010	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/cm ²			
	Net Total	2.000metre		
1.011	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	500.000Litre		
1.012	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	1.875sqm		
1.013	14.53.1			
	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:One or more coats on old work			
	Net Total	168.000sqm		
	Heading Total(Rs)			
	Total Estimation PAC			
3	Extra Charges			
2.001	Provision for GST			
	Grand Total			
	Round off			

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ABSTRACT ESTIMATE

Annual Plan-Division 11 Mathilil Subhadra House Maintenance-Maintenance-General Civil

Work

Sl No	Specification	Quantity	Rate	Amount
1	thevally girls			
1.001	50.9.1.1			
	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood			
	Net Total	0.117cum		
1.002	50.9.3.1			
	Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge, using Anjili/ Jack wood			
	Net Total	3.590sqm		
1.003	50.9.6.1			
	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Using Anjili wood / jack wood 30 mm thick shutters			
	Net Total	3.590sqm		
1.004	15.14.1			
	Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 metres lead:Of sectional area 40 square centimetres and above			
	Net Total	2.000cum		
1.005	15.7.1			
	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 mud mortar			
	Net Total	2.000cum		
1.006	50.9.15.4			
	Providing and fixing iron hooks and eyes: 150 mm			
	Net Total	4.000no		62.44
1.007	50.6.2.1			
	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15 cm			

Sl No	Specification	Quantity	Rate	Amount
	or nearest available size confirming to IS 2185 part 1 of 1979 for foundation and plinth with thickness 15cm in: CM 1:6 (1 cement :6 coarse sand) etc complete			
	Net Total			
1.008	13.1.2			
	12 mm cement plaster of mix:1:6 (1 cement : 6 fine sand).			
1.009	13.62.1			
	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture .			
	Net Total	4.350sqm		
1.010	10.1			
	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.			
	Net Total	150.000kilogram		
1.011	12.50			
	Providing and fixing precoated 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	42.000sqm		
1.012	13.60.1			
	Wall painting with acrylic emulsion paint of approved brand and manufacture to give			
	Net Total	134.400sqm		
1.013	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	24.000sqm		
	Heading Total(Rs)			
	Total Estimation PAC			
3	Extra Charges			

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ABSTRACT ESTIMATE

Annual Plan-Division I Mathilil Maniyamma House Maintenance-Maintenance-General Civil Work

SI No	Specification	Quantity	Rate	Amount
1	thevally girls			
1.001	50.9.1.1 Providing woodwork in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fasteners shall be paid for separately), using good quality Anjili wood / jack wood			
	Net Total	0.161 cum		
1.002	50.9.3.1 Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer in-charge. using Anjili/ Jack wood			
	Net Total	3.590 sqm		
1.003	50.9.6.1 Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Using Anjili wood / jack wood 30 mm thick shutters			
	Net Total	3.590 sqm		
1.004	50.9.15.4 Providing and fixing iron hooks and eyes: 150 mm			
	Net Total	4.000 no		
1.005	13.62.1 Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an undercoat of suitable shade with ordinary paint of approved brand and manufacture .			
	Net Total	4.350 sqm		
1.006	10.1 Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.			
	Net Total	250.000 kilogram		
1.007	12.50			
SI No	Specification	Quantity	Rate	Amount

	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	42.000sqm		
1.008	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	173.040sqm		
1.009	11.37			
	Providing and laying Ceramic glazed floor tiles of size 300x300mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colour such as White, Ivory, Grey, Fume Red Brown, laid on 20mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete.			
	Net Total	28.800sqm		
			Heading Total (Rs)	
			Total Estimation PAC	
	3 Extra Charges			
2.001	Provision for GST			
			Grand Total	
			Round off	
			Rounded Total (Rs)	

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ABSTRACT ESTIMATE

GENERAL-BUILDING- MAINTANENCE RAJ K. VILIKULANGARA, RESIDENCY
NAGR-158, ASRAMAM KOLLAM DIV-13 KOLLAM CORPORATION-General Civil Work

Sl No	Specification	Quantity	Rate	Amount
1	BUILDING MAINTANENCE			
1.001	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	124.410sqm		
1.002	13.16.1 6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)			
	Net Total	55.140sqm		
1.003	13.7.2 12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	47.883sqm		
1.004	50.18.8.7.2 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes 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 63 mm pipe 4 kgf/ cm2			
	Net Total	6.000metre		
1.005	50.18.9.2.2 Providing and fixing PVC pipes includings of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 20 mm dia 10 Kgf/cm2			
	Net Total	10.000metre		
1.006	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	5.000metre		
1.007	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	6.750sqm		
1.008	4.1.8			

Sl No	Specification	Quantity	Rate	Amount
	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	0.529cum		
1.009	50.9.1.1			
	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood			
	Net Total	0.077cum		
1.010	17.2.2			
	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:W.C. pan with ISI marked black solid plastic seat and lid			
	Net Total	1.000each		
1.011	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	500.000Litre		
1.012	14.53.1			
	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:One or more coats on old work			
	Net Total	235.682sqm		
1.013	14.51.1			
	Painting (one or more coats) on rain water, soil , waste and vent pipes and fittings with synthetic enamel paint of approved brand and manufacture and required colour on old work:75 mm diameter pipes			
	Net Total	20.708metre		
1.014	11.49.1			
	Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS : 15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).Size of Tile 500x500 mm			
	Net Total	48.210sqm		
	Heading Total(Rs)			

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DETAILED MAINTENANCE ESTIMATE OF A RESIDENTIAL BUILDING IN SY NO.
AT KOLLAM CORPORATION, VILLAGE OWNED BY sri:

Sri. Sreedhar (Sreedharan) Gopalakrishnan.

SI No	Discription	Quantity	Amount
1)	Plastering with cement mortar 1:4 thic single coat (including water proof) to outside of the walls including allcost of materials and labour charges etc completed.		
	Roof top	: 1x5.00x8.10 =	40.50m ²
	Total		= 40.50m ²
	Say 40.50m ²		
2)	Supplying and fixing of teak wood window and door with fully glazed shutters frame including all cost of materials and labour charges etc . completed		
	Window	W3	3x1.50x1.50 =6.75m ²
	Door	D1	2x0.90x2.10 =3.78m ²
	Total		=10.53m ²
	Say 10.53m ²		
3)	Flooring with cement concret 1:5 and 12mm thick cement mortar and laying first class tile over the floors including all cost of materials and labour charges etc completed		
	hall,litchen	- 1x4.10x3.50=	14.35 m ²
	Say 14.35 m ²		
4)	Unforseen items		

DETAILED MAINTENANCE ESTIMATE OF A RESIDENTIAL BUILDING IN SY NO.
AT KOLLAM CORPORATION, (Sreenath) VILLAGE OWNED BY Sri:

<u>Sl No</u>	<u>Description</u>	<u>Quantity</u>	<u>Amount</u>
1)	Plastering with cement mortar 1:4 thick single coat (including water proof) to inside top of the roof including all cost of materials and labour charges etc completed.		
	Outside wall & inside wall: 1x7.00x7.10	= 49.70m ²	
	Total	= 49.70m ²	
	Say 49.70m ²		
2)	Supplying and fixing of teak wood window and door with fully glazed shutters frame including all cost of materials and labour charges etc . completed		
	Door D1 1x0.90x2.10 =1.89 m ²		
	Total	=1.89 m ²	
	Say 3.78m ²		
1).	Flooring with 12mm thick cement mortar and laying tiles over the floors including all cost of materials and labour charges etc		
	Bed room : 1x3.00x3.50	= 10.50m ²	
	Total	= 10.50 m ²	
	Say 10.50 m ²		
3)	Unforeseen items		

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ESTIMATE OF MAINTENANCE OF AN EXISTING RESIDENTIAL BUILDING FOR
 MRS. ANANDAM, VADAKKUMBHAGATHU KIZHAKKATHIL, PRATHEEKSHA
 NAGAR-231, KILIKOLLOOR IN SY. NO. DVN XVIII AT KOLLAM
 CORPORATION. (Baby)

1. Earth work excavation for foundation

$$1 \times 11 \times 0.60 \times 0.60 = 3.96 \text{ m}^3$$

Say 4.00 m³

2. PCC using 40 mm metal for foundation bed

$$1 \times 11 \times 0.60 \times 0.15 = 0.99 \text{ m}^3$$

Say 1.00 m³

3. Using solid blocks for foundation & basement

$$1 \times 11 \times 0.60 \times 0.60 = 3.96 \text{ m}^3$$

$$1 \times 11 \times 0.45 \times 0.45 = 2.22 \text{ m}^3$$

$$6.18 \text{ m}^3$$

Say 6.50 m³

4. Filling basement with available earth

$$1 \times 3.50 \times 2.00 \times 0.45 = 3.15 \text{ m}^3$$

$$1 \times 2.00 \times 1.50 \times 0.45 = 1.35 \text{ m}^3$$

$$4.50 \text{ m}^3$$

Say 4.50 m³

5. Brick work for super structure in solid blocks

$$1 \times 11 \times 0.10 \times 2.40 = 2.64 \text{ m}^3$$

Deduction $1 \times 0.90 \times 0.10 \times 2.10 = 0.19$

$$1 \times 1.00 \times 0.10 \times 1.00 = 0.10$$

$$1 \times 0.60 \times 0.10 \times 0.45 = 0.02$$

$$0.31$$

Total less deduction $- 2.33 \text{ m}^3$

Say 2.50 m³

6. Flooring pcc using 40 mm metal

$$1 \times 3.50 \times 2.50 \times 0.08 = 0.70$$

$$1 \times 2.00 \times 1.50 \times 0.08 = 0.24$$

$$0.94$$

Say 1.00 m³

9

7. Wood work using anjili/jackwood for doors & Windows

D	1 x 0.90 x 2.10	- 1.89
KW2	1 x 1.00 x 1.00	- 1.00
V	1 x 0.60 x 0.45	- 0.27
		3.16

Say 3.50 m2

8. Providing bath room door

9. Wall plastering in cm 1:6

Bath (inside)	1 x 5.50 x 2.40	- 13.20
Kitchen (inside)	1 x 7.50 x 2.40	- 18.00
Out side	1 x 9.00 x 2.40	- 21.60
Deduction same as wood work		- 3.16
Total less deduction		- 49.64m2
Say	50m2	

10. Floor plastering in cm 1: 4

	1 x 3.50 x 2.00	- 7.00
	1 x 2.00 x 1.50	- 3.00
		10.00

Say 10.00m2

11. Providing truss work & sheet roofing

	1 x 6 x 2.60	- 16.12m2
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Say 174 sq ft

12. Electrification

13. Plumbing & sanitary

14. Whitewashing

DETAILED MAINTENANCE ESTIMATE OF A RESIDENTIAL BUILDING IN SY NO.
AT KOLLAM CORPORATION, VILLAGE OWNED BY sri:

Shanthy (Shanthyapex)

Sl No	Description	Quantity	Amount
1)	Plastering with cement mortar 1:4 thick single coat (including water proof) to outside of the walls including all cost of materials and labour charges etc completed.		
	Roof top	$1 \times 5.00 \times 8.10 = 40.50 \text{m}^2$	
	Total	$= 40.50 \text{m}^2$	
	Say 40.50m ²		
2)	Supplying and fixing of teak wood window and door with fully glazed shutters frame including all cost of materials and labour charges etc . completed		
	Window W3	$3 \times 1.50 \times 1.50 = 6.75 \text{m}^2$	
	Door D1	$2 \times 0.90 \times 2.10 = 3.78 \text{m}^2$	
	Total	$= 10.53 \text{m}^2$	
	Say 10.53m ²		
3)	Flooring with cement concret 1:5 and 12mm thick cement mortar and laying first class tile over the floors including all cost of materials and labour charges etc completed		
	hall,litchen	$1 \times 4.10 \times 3.50 = 14.35 \text{m}^2$	
	Say 14.35 m ²		
4)	Unforeseen items		

FOR
RESIDENTIAL BUILDING
AT KOLLAM
D.V.N XVIII AT KOLLAM

MRS. ANANDAM,
NAGAR-231, KILKULLOOR IN SY. NO.
CORPORATION.

1. Earth work excavation for foundation
1 x 11 x 0.60 x 0.60 - 3.96m³

Say 4.00 m³

2. PCC using 40 mm metal for foundation bed
1 x 11 x 0.60 x 0.15 - 0.99m³

Say 1.00 m³

3. Using solid blocks for foundation & basement
1 x 11 x 0.60 x 0.60 - 3.96m³
1 x 11 x 0.45 x 0.45 - 2.22m³
6.18m³

Say 6.50 m³

4. Filling basement with available earth
1 x 3.50 x 2.00 x 0.45 - 3.15m³
1 x 2.00 x 1.50 x 0.45 - 1.35m³
4.50m³

Say 4.50m³

5. Brick work for super structure in solid blocks
1 x 11 x 0.10 x 2.40 - 2.64m³
1 x 0.90 x 0.10 x 2.10 - 0.19
1 x 1.00 x 0.10 x 1.00 - 0.10
1 x 1.00 x 0.10 x 0.45 - 0.02
1 x 0.60 x 0.10 x 0.45 - 0.31
2.33m³

Total less deduction
Say 2.50 m³

6. Flooring pcc using 40 mm metal
1 x 3.50 x 2.50 x 0.08 - 0.70
1 x 2.00 x 1.50 x 0.08 - 0.24
0.94

Say 1.00 m³

- 11
7. Wood work using anjili/jackwood for doors & Windows

D	1 x 0.90 x 2.10	- 1.89
KW2	1 x 1.00 x 1.00	- 1.00
V	1 x 0.60 x 0.45	- 0.27
		3.16

Say 3.50 m²

8. Providing bath room door

9. Wall plastering in cm 1:6

Bath (inside)	1 x 5.50 x 2.40	- 13.20
Kitchen (inside)	1 x 7.50 x 2.40	- 18.00
Out side	1 x 9.00 x 2.40	- 21.60
Deduction same as wood work	-	3.16
Total less deduction	-	49.64m ²

Say 50m²

10. Floor plastering in cm 1:4

1 x 3.50 x 2.00	- 7.00
1 x 2.00 x 1.50	- 3.00
	10.00

Say 10.00m²

11. Providing truss work & sheet roofing

1 x 6.20 x 2.60	- 16.12m ²
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Say 174 sq ft

12. Electrification

13. Plumbing & sanitary

14. Whitewashing

12

DETAILED MAINTENANCE ESTIMATE OF A RESIDENTIAL BUILDING IN SY NO.
AT KOLLAM CORPORATION, VILLAGE OWNED BY Sri:

(Signature) Subashan

<u>Sl No</u>	<u>Discription</u>	<u>Quantity</u>	<u>Amount</u>
1)	Plastering with cement mortor 1:4 thic single coat (including water proof) to inside top of the roof including allcost of meterials and labour charges etc completed.		
	Outside wall & inside wall: 1x7.00x7.10	= 49.70m2	
	Total	= 49.70m2	
	Say 49.70m2		
2)	Supplying and fixing of teak wood window and door with fully glazed shutters frame including all cost of materials and labour charges etc . completed		
	Door D1 1x0.90x2.10	=1.89 m2	
	Total	=1.89 m2	
	Say 3.78m2		
1).	Flooring with 12mm thick cement mortor and laying tiles over the floors including all cost of materials and labour charges etc		
	Bed room : 1x3.00x3.50	= 10.50m2	
	Total	= 10.50 m2	
	Say 10.50 m2		
3)	Unforseen items		

TOTAL

CERTIFICATE

It is certified that the quantities of various items are as per site and its specifications. The rats are resonable and area based on prevailingn labours charges . The cost work out to 60,500/- (Rupees Sixty Thousand Five Hundred Only)

**ABSTRACT EASTIMATE FOR MAINTENANCE WORKS OF
THE EXISTING RESIDENTIAL BUILDING**

Owned by: Radhamma
Elappam moottil padinjattathil
Souhardha nagar -64 A
Kilikolloor.PO
Kollam - 691004

Re sy no : 809/4
Divn no : 25/1820
Village : kilikolloor
Taluk : kollam

1. Re-plastering to the existing wall in cm 1:6 12mm thick

Cost including all cost of labour and materials

135.00 sqm

2. Re-plastering to the existing floor in cm 1:3 12mm thick

Cost including all cost of labour and materials

45.00 sqm

3. Supplying and fixing door shutters to the existing

door frame 14.00 sqf @ Rs 1800.00/sqf

4. Electrification

5. Plumbing & Sanitary

6. Painting works all cost of labour and materials

Total -

14

DETAILED MAINTENANCE ESTIMATE FOR A EXISTING
RESIDENTIAL BUILDING, HOUSE NO: 25/1121 AT KOLLAM
CORPORATION, KILIKOLLOOR VILLAGE IN SY: NO: 823/11-2 OWNED
BY. MR. RADHAKRISHNA PILLAI, PUTHEN VEEDU, NETHAJI
NAGAR.100, KILIKOLLOOR.P.O., KOLLAM

SLNo	Description	Qty	Amount
1.	Repairing of Praline and rafter Tiled roof Dress		
	Say 180 dm ²		
2.	Re plastering in cracked wall		
	2 x 360 x 360	= 25.92m ²	
	1 x 340 x 340	= 10.20m ²	
		<u>36.12m²</u>	
	Say 36m ²		
3.	Supplying and fixing anjili wood framed and fully paneled doors and glazed window including all fittings. Etc complete.		
	Door D1 1 x 0.90 x 2.00	= 1.80	
	Window W2 2 x 1.50 x 1.50	= 4.50	
		<u>Total = 06.30m²</u>	
	Say: 6 dm ³		
4.	Plastering with cement mortar 1: 4, 12mm thick to the wall inside and out side etc completed.		
	Out side 1x13.50x3.00	= 40.50	
	Inside 2x 3.60x3.00	= 21.60	
	2x 3.00x3.00	= 18.00	
	Total	80.10m ²	

Deduction

Door	D1	1x 0.90x2.00	= 1.80
Window	W2	2x 1.50x1.50	= 4.50
		Total	06.30m ²
		Total less deduction	73.80m ²

Say: 74m²

5. Flooring with cement mortar 1:4:8 using 40mm broken stone and Finished with Vitrified tiles.

1x 3.60x3.00	= 10.80
Total	10.80m ²

Say: 11 m²

6. Painting & white washing for walls
7. Replacing electrical items
8. Other sundries

TOTAL

15

DETAILED MAINTENANCE ESTIMATE OF A RESIDENTIAL BUILDING IN SY NO:528/44
AT KOLLAM CORPORATION, KILIKOLLOOR VILLAGE OWNED BY
Sri: AJITHA, THENGUVILA PADINJATTATHIL, KALLUMTHAZHAM PO, KILIKOLLOOR,
KOLLAM

<u>Sl No</u>	<u>Discription</u>	<u>Quantity</u>	<u>Amount</u>
1)	Plastering with cement mortar 1:4 thic single coat (including water proof) to inside top of the roof including allcost of materials and labour charges etc completed.		
	Bedroom : 1x3.00x3.10	= 9.30m ²	
	Kitchen : 1x2.70x3.10	= 8.37m ²	
	Outside wall : 1x5.00x3.10	= 15.50m ²	
	Total	= 33.17m ²	

Say 33.17m²

- 2) Replacing and fixing of G I sheet roofing including maintainance of roof purlins batten , rafter , maintainance in steel section.

roof alteration area	: 1x4.50x5.50	= 24.75 m ²
Total		= 24.75 m ²

Say 24.75m²

- 3) Flooring with cement concret 1:5 and 12mm thick cement mortar over the floors including all cost of materials and labour charges etc completed.

Hall	- 1x3.10x3.10=	9.61 m ²
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Say 9.61 m²

- 4) Unforseen items

TOTAL

CERTIFICATE

Abdur Mujeeb

Saxifraga oppositifolia

TOTAL

ABSTRACT ESTIMATE

ESTIMATE FOR MAINTENANCE OF BUILDING OF
 SHAKSINAMMA, MOUVARATHU, THODUVIL NALANDA
 NAGAR, AYATHUR, P.O. KOLLAM, JIN 68921

Sl. No.	Specifications	Quantity	Rate	Amount
1.001	Providing and fixing frame, paneled or paneled and glazed shutters for doors, windows, and clerestory windows, including ISI marked M.S. provided in bright finished of desired size with necessary screws, including paneled and glazed shutters, all complete in per direction of Engineering drawing.			
	22 mm thick shutters			
	Net total	4.65		
1.002	12 mm cement plaster of mix 1:6 (1 cement: 6 fine sand)			
	Net total	16.3		
1.003	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix 1:3:4 (Cement: 3 fine sand)			
	Net total	50.52		
1.004	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.			
	Net total	50.52		
1.005	Providing and laying in position cement concrete in floor of specified grade excluding the cost of centering and shuttering			
	1:4:8 (1 cement, 4 coarse sand, 8 graded stone aggregate 40 nominal size)			
	Net total	7.21		
1.006	Laying and fixing good quality tiles in floor including labour charges and materials			
	Net total	41.16		
				76146
	GRAND TOTAL (RS)			

ABSTRACT ESTIMATE

GENERAL-Maintenance-Maintenance-General Civil Work

Sl No	Specification	Quantity	Rate	Amount
I	Building maintenance			
1.001	15.31 Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.			
	Net Total	58.056sqm		
1.002	15.14.1 Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 metres lead: Of sectional area 40 square centimetres and above			
	Net Total	0.583cum		
1.003	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	4.830cum		
1.004	15.10.2 Dismantling dressed stone work ashlar face stone work, marble work or precast concrete work manually / by mechanical means including stacking of serviceable and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge: In cement mortar			
	Net Total	0.945cum		
1.005	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	3.938cum		
1.006	50.6.1.5 Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x20cm or nearest available size confirming to IS 2185 Part I of 1979 for superstructure up to floor two level thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete			
	Net Total	3.990cum		
1.007	5.47.2 Providing and fixing in position factory made precast RCC M-40 doors and win frames having excellent smooth finish as per IS: 6523 with reinforcement of 3 Nos. 6 mm dia main bars tied with 3 mm M. S stirrups placed @ 200 mm CC and 6 numbers high strength polymer blocks of required size for fixing hinges including providing 6			

20 19

Sl No	Specification	Quantity	Rate	Amount
	no specially designed M.S galvanised sleeves for accomodating 6 mm dia fully threaded bolts for fixing hold fast on vertical members, providing suitable arrangement for receivingsliding door bolts and tower bolt etc all complete, as per the direction of Engineer in charge.(The cost of hold fast andce block of 1:3:6 mix isalsoincludedintheitem.)Theframeshallbemeasuredinrunningmetercorrectto two places of decimal.Door frame 100 mm x 60 mm.			
	Net Total	6.400metre		
1.008	5.3			
	Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15°; landings, balconies, shelves, chajjas, lintels, bands, plain windowsills, staircases and spiral staircases upto floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (Zone III) : 3 graded stone aggregate 20 mm nominal size).			
	Net Total	0.240cum		
1.009	5.9.3			
	Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform			
	Net Total	2.400sqm		
1.010	50.9.4.3			
	Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Vengai wood			
	Net Total	1.742sqm		
1.011	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 Engineer in - charge using Anjili/ Jack wood			
	Net Total	1.880sqm		
1.012	50.9.5.1			
	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S pressed butt hinges bright finished of required size with necessary screws. Using Anjili wood/jackwood 35 mm thick shutters.			
	Net Total	0.945sqm		
1.013	50.9.15.1			
	Supplying and fixing 200 mm Aluminium ald drop			
	Net Total	2.000no		
1.014	50.9.15.3			
	Providing and fixing iron hooks and eyes : 200mm.			

SI No	Specification	Quantity	Rate	Amount
	Net Total	4.000no		
1.015	13.1.1			
	12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	49.350sqm		
1.016	10.1			
	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.			
	Net Total	461.338kilogram		
1.017	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	51.617sqm		
1.018	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 micron 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	17.200metre		
	Heading Total(Rs)			
	Total Estimation PAC			
	3 Extra Charges			
2.001	Provision for GST			
	Grand Total			
	Round off			
	Rounded Total(Rs)			

ABSTRACT ESTIMATE

GENERAL-house maintenance for shanmukhan-Div 42-General Civil Work

Sl No	Specification	Quantity	Rate	Amount
1	Maintenance of house			
1.001	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	3.484cum		
1.002	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 superstructure upto floor two level with thickness 15cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete			
	Net Total	3.799cum		
1.003	50.10.2 Steelwork for purlin/single section with GI pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete			
	Net Total	195.444kg		
1.004	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 mp 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	34.600sqm		
1.005	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):			

Sl No	Specification	Quantity	Rate	Amount
	For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)			
	Net Total	42.000kg		
1.006	21.3.3			
	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 beadings shall be paid in basic item): With float glass panes of 8mm thickness			
	Net Total	9.000sqm		
1.007	50.9.2.1			
	Providing and fixing paneled and glazed shutters for doors, windows and clerestory windows, 35mm thick shutters including ISI marked M.S. pressed but things bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer in - charge using Anjili/ Jack wood			
	Net Total	4.200sqm		
1.008	50.9.1.1			
	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fasteners shall be paid for separately), using good quality Anjili wood / jack wood			
	Net Total	0.054cum		
1.009	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	0.567cum		
1.010	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	1.000each		
1.011	11.37			
	Providing and laying Ceramic glazed floor tiles of size 300x300mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colour such as White, Ivory, Grey, Fume Red Brown, laid on 20mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete.			

Sl No	Specification	Quantity	Rate	Amount
	Net Total	1.440sqm		
1.012	50.17.1.4			
	SupplyingandfixingCPHealthfaucetgoodqualityincludingcostofmaterialsand labour charges etc. complete as per the direction of site engineer-in-charge.			
	Net Total	1.000no		
1.013	50.18.8.2.2			
	ProvidingandfixingPVCpipes, fittingsincludingfixingthepipewithclampsat1.00 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. Concealedwork, includingcuttingchasesandmakinggoodthewalle etc. 20mm pipe 10 Kgf/cm ²			
	Net Total	15.000metre		
1.014	50.18.8.9.2			
	ProvidingandfixingPVCpipes, fittingsincludingfixingthepipewithclampsat1.00 m spacing. This includes jointing of pipes 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. 110 mm pipe 4 kgf/cm ²			
	Net Total	15.000metre		
1.015	51.19.ST1			
	Supplying and installing ready made PVC Septic tank including the cost of carriage, trenching, placing at the level below ground level as specified as per the direction of engineerincharge(ProvisionforCC/RCC/Sand/06mmaggregateforthe preparation of bed shall be paid separately)
 1. Below 15 flush capacity			
	Net Total	1.000each		
1.016	5.3			
	Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15<sup>0</sup> landings, balconies, shelves, chajjas, lintels, bands, plainwindowsills, staircasesandspiralstaircasesuptofloorfivelevelexcludingthe 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	0.324cum		
1.017	5.9.5			
	Centeringandshutteringincludingstrutting, etc.andremovalofformfor: Lintels, beams, plinth beams, girders bressumers and cantilevers			
	Net Total	2.400sqm		
1.018	5.22.6			
	SteelreinforcementforR.C.Cworkincludingstraightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more			
	Net Total	17.820kilogram		
1.019	14.53.1			

Sl No	Specification	Quantity	Rate	Amount
	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One or more coats on old work			
	Net Total	75.000sqm		
1.020	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	32.860sqm		
	Heading Total(Rs)			
	Total Estimation PAC			
3	Extra Charges			
2.001	Provision for GST			
	Grand Total			
	Round off			
	Rounded Total(Rs)			

HOUSE MAINTANANCE ESTIMATE (ATHIDARIDRAR-DIV 46) FOR Mrs. KHAMARUNNISA, PUTHUVAL PURAYIDAM, PATTANI THANGAL NAGAR, CANTONEMENT P.O., THAMARAKKULAM							
1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres						
		2	1.50	2.10		6.3	m2
		2	1.80	2.00		7.20	
		4	1.50	1.80		10.80	
	Total					24.30	m2
	Say	24.30	m2				
2	12mm cement plaster of mix: 1:4 (1 cement : 4 fine sand)						
		2	1.50	2.10		6.3	m2
		2	1.80	2.00		7.20	
		4	1.50	1.80		10.80	
	Total					24.30	m2
	Say	24.30	m2				
3	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:						
	Door	2				2	no.
	Total					2	nos.
	Say	2	nos				
4	50.9.1.1 Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood / jack wood						
	Door/Vertical	2	2.10	0.10	0.06	0.03	m3
	" Horizontal	2	1.00	0.10	0.06	0.01	
	Total					0.04	m3
	Say	0.04	m3				

5	50.9.3.1 Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer in-charge. using Anjili/ Jack wood							
	Door shutter	2	0.93		2.07	3.85	m2	
	Total					3.85	m2	
	Say	3.85	m2					
6	14.53.1 Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One or more coats on old work							
	Outside	2	10.75		3.30	70.95	m2	
		2	4.65		3.9	36.27		
	Inside Rooms	2	11.00		3.40	74.80		
	Room	1	10.20		3.40	34.68		
		1	10.20		3.40	34.68		
	Room	1	14.00		3.00	42.00		
	Hall	1	14.00		3.00	42.00		
	Toilet	1	9.00		3.00	27.00		
	Total					362.38	m2	
	Say	362.4	m2					
7	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							
	door	3	1.00	2.10	2.25	14.175		
		6	0.90	2.10	2.25	25.515		
	Window	8	1.00	1.50	1.50	18.000		
	Total					57.69	m2	
	Say	44.69	m2					

8	11.39	Providing and laying rectified Glazed Ceramic 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 pigment etc., complete.						
	Verandah	1	10.65	2.00		21.30	m2	
	Room	1	2.50	2.60		6.50		
		1	2.50	2.60		6.50		
		1	2.50	2.60		6.50		
		1	2.50	2.15		5.38		
		1	4.65	2.80		13.02		
		1	3.00	3.00		9.00		
		1	1.50	2.65		3.98		
	Total					72.17	m2	
		72.17	m2					
	False ceiling works-Maintenance							
	GrandTotal							

ABSTRACT ESTIMATE

Annual Plan-HOUSE MAINTANANCE FOR ATHIDARIDRAR-DIV 51-General Civil Work-

25-26

Sl No	Specification	Quantity	Rate	Amount
1	Building maintainance-Christopher			
1.001	15.56 Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.			
	Net Total	41.310sqm		
1.002	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	37.160sqm		
1.003	15.13.1 Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:Of area 3 sq. metes and below			
	Net Total	1.000each		
1.004	13.16.1 6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)			
	Net Total	26.200sqm		
1.005	50.9.1.1 Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood			
	Net Total	0.052cum		
1.006	50.9.3.1 Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge. using Anjili/ Jack wood			
	Net Total	3.690sqm		
1.007	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 rawl plugs screws etc			
	Net Total	21.890kg		
1.008	13.43.1			

Sl No	Specification	Quantity	Rate	Amount
	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer			
	Net Total	41.310sqm		
1.009	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	22.960sqm		
1.010	13.46.1			
	Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)			
	Net Total	15.300sqm		
1.011	14.53.1			
	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:One or more coats on old work			
	Net Total	49.560sqm		
1.012	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	7.200sqm		
	Heading Total(Rs)			
2	Building maintainance-Geetha			
2.001	13.1.1			
	12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	86.305sqm		
2.002	13.16.1			
	6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)			
	Net Total	7.350sqm		
2.003	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	34.325sqm		
2.004	50.6.3.2			
	Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x10 cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level for 10 cm thick wall in : CM 1:6 (1 cement : 6 coarse sand) including cost of scaffolding complete			
	Net Total	1.583cum		
2.005	13.46.1			
	Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two			

Sl No	Specification	Quantity	Rate	Amount
	or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)			
	Net Total	104.110sqm		
2.006	10.25.1			
	Item Shifted to Sub head 14 as item 14.73 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 stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete			
	Net Total	22.950kg		
2.007	15.13.1			
	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:Of area 3 sq. metres and below			
	Net Total	1.000each		
2.008	50.9.1.1			
	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood			
	Net Total	0.036cum		
2.009	50.9.3.1			
	Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge. using Anjili/ Jack wood			
	Net Total	1.230sqm		
2.010	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 rawl plugs screws etc			
	Net Total	14.430kg		
2.011	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	2.400sqm		
2.012	11.39			
	Providing and laying rectified Glazed Ceramic 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			

SI No	Specification	Quantity	Rate	Amount
	with white cement and matching pigments etc., complete.			
	Net Total	6.670sqm		
	Heading Total(Rs)			
23	3 Building maintainance- Jain george			
3.001	15.13.1			
	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:Of area 3 sq. metres and below			
	Net Total	2.000each		
3.002	50.9.1.1			
	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood			
	Net Total	0.612cum		
3.003	50.9.3.1			
	Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge. using Anjili/ Jack wood			
	Net Total	6.297sqm		
3.004	50.9.4.1			
	Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Anjili/ Jack wood			
	Net Total	1.800sqm		
3.005	13.1.1			
	12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	10.800sqm		
3.006	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	337.416kg		
3.007	10.2			
	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.			

SI No	Specification	Quantity	Rate	Amount
	Net Total	87.870kg		
3.008	OD12790/2025-2026			
	Providing and fixing 0.35mm thick Trafford sheet roofing up to any pitch and fixing with polymer coated J or L hooks , bolt and nuts 8mm dia. G I plain and bitumen washers or with self drilling fastens and EPDM washer etc. complete (excluding the cost of purlin , rafters and trusses) including cutting sheets to size and shape wherever required.			
	Net Total	43.200sqm		
3.009	11.3.1			
	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate			
	Net Total	24.300sqm		
3.010	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	12.568sqm		
	Heading Total(Rs)			
26	4 Building maintenance-Johnson Bernard			
4.001	15.13.1			
	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead: Of area 3 sq. metres and below			
	Net Total	4.000each		
4.002	15.7.1			
	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 mud mortar			
	Net Total	1.170cum		
4.003	2.1.1			
	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5m in width as well as 10 sqm on plan including disposal of excavated earth up to 50 m and lift up to 1.5 m, disposed soil to be levelled and neatly dressed: All Kinds of soil			
	Net Total	0.675sqm		
4.004	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	0.900cum		

SI No	Specification	Quantity	Rate	Amount
4.005	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	1.890cum		
4.006	13.1.1			
	12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	24.075sqm		
4.007	50.9.1.1			
	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood			
	Net Total	0.130cum		
4.008	50.9.3.1			
	Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge. using Anjili/ Jack wood			
	Net Total	4.438sqm		
4.009	50.9.4.1			
	Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Anjili/ Jack wood			
	Net Total	1.680sqm		
4.010	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	10.905sqm		
4.011	11.3.1			
	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate)finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.40 mm thick with 20 mm nominal size stone aggregate			
	Net Total	14.151sqm		
4.012	10.1			
	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved			

Sl No	Specification	Quantity	Rate	Amount
	steel primer all complete.			
	Net Total	86.658kilogram		
4.013	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	241.644kg		
4.014	OD12795/2025-2026			
	Providing and fixing 0.35mm thick Trafford sheet roofing up to any pitch and fixing with polymer coated J or L hooks , bolt and nuts 8mm dia. G I plain and bitumen washers or with self drilling fastens and EPDM washer etc. complete (excluding the cost of purlin , rafters and trusses) including cutting sheets to size and shape wherever required.			
	Net Total	46.800sqm		
	Heading Total(Rs)			
25	5 Building maintainance-Nirmala			
5.001	15.13.1			
	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:Of area 3 sq. metres and below			
	Net Total	1.000each		
5.002	50.9.1.1			
	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood			
	Net Total	0.030cum		
5.003	50.9.3.1			
	Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge. using Anjili/ Jack wood			
	Net Total	1.426sqm		
5.004	50.9.4.1			
	Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Anjili/ Jack wood			
	Net Total	0.816sqm		

SI No	Specification	Quantity	Rate	Amount
5.005	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	3.780sqm		
5.006	15.56			
	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.			
	Net Total	9.920sqm		
5.007	13.1.1			
	12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	9.920sqm		
5.008	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	234.975kg		
5.009	10.2			
	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.			
	Net Total	63.024kg		
5.010	OD12789/2025-2026			
	Providing and fixing 0.35mm thick Trafford sheet roofing up to any pitch and fixing with polymer coated J or L hooks , bolt and nuts 8mm dia. G I plain and bitumen washers or with self drilling fastens and EPDM washer etc. complete (excluding the cost of purlin , rafters and trusses) including cutting sheets to size and shape wherever required.			
	Net Total	27.300sqm		
5.011	11.3.1			
	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate)finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.40 mm thick with 20 mm nominal size stone aggregate			
	Net Total	8.233sqm		
	Heading Total(Rs)			
	Total Estimation PAC			
7	Extra Charges			
6.001	Provision for GST			

ESTIMATEMaintenance of building smt jaya , mannoor padinjattathil ,Mulamkadakam

1) Solid masonry using pre cast solid block
 (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

parapet	2 X 5.4x0.15X0.90	= 1.458m ³
	2x5.7x0.15X0.90	=1.539m ³
		2.997m ³

2.997M³

2) 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)

Out side plastering	2x2.5x3.00	=7.5M ²
	2x3.5x3.00	=10.5 M ²
Kitchen	1x5x0.80	= 8.00M ²
Parapet	2x5.4xx1.3	=32.5 M ²
	2x5.7x1.3	=34.2 M ²
Toilet outside	2x2x2.00x2.10	=16.8
Inside	2x2x1.5x2.10	= 12.6

122.10

122.10M²

3) 6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)

Roof top	1 x 5.7 x 5.4	= 30.78 M2
Shade	1 x 5.7 x 1.3	= 7.4 M2
Bed	1 x 5.4 x 1.3	= 7.02 M2

45.02 M2

45.02 M2

4) Applying one coat of water thinnable cement
primer of approved brand and manufacture on wall
surface: Water thinnable cement primer

Out side plastering	2 x 2.5 x 3.00	= 7.5 M2
	2 x 3.5 x 3.00	= 10.5 M2
Kitchen	1 x 5 x 0.80	= 8.00 M2
Parapet	2 x 5.4 x 1.3	= 32.5 M2
	2 x 5.7 x 1.3	= 34.2 M2

Toilet outside 2 x 2 x 2.00 x 2.10 = 16.8

Inside 2 x 2 x 1.5 x 2.10 = 12.6

122.10

122.10 M2

5) Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Anjili/ Jack wood

Door panel $2 \times 0.90 \times 2.10 = 3.78m^2$

3.78M2

8) Providing and fixing factory made PVC door including cost of all fittings, labour charges etc complete (Approved Data of CE LSGD vide circular dated 18.08.2016)

Pvc door

9) 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

Closet

ABSTRACT ESTIMATE

GENERAL MAINTANANCE OF BUILDING -Smt BEENA A. MRA NAGAR 36,
MANAYILKULANGARA ,THIRUMULLAVARAM PO-General Civil Work

Sl No	Specification	Quantity	Rate	Amount
1	MAINTANANCE			
1.001	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	3.563cum		
1.002	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	15.500sqm		
1.003	13.50.1 Applying priming coat:With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)			
	Net Total	15.500sqm		
1.004	13.46.1 Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)			
	Net Total	194.700sqm		
1.005	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	39.700sqm		
	Heading Total(Rs)			
	Total Estimation PAC			
3	Extra Charges			
2.001	Provision for GST			
	Grand Total			
	Round off			
	Rounded Total(Rs)			

ABSTRACT ESTIMATE

GENERAL-Maintenance of Building owned by Balakrishnan Achary (Extremely poor
beneficiary)-Maintenance of Building owned by Balakrishnan Achary (Extremely poor
beneficiary)-General Civil Work

Sl No	Specification	Quantity	Rate	Amount
1	Building maintenance			
1.001	15.13.1 Taking outdoors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead: Of area 3 sq. metres and below			
	Net Total	9.000 each		
1.002	50.9.1.1 Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fasteners shall be paid for separately), using good quality Anjili wood / jack wood			
	Net Total	0.231 cum		
1.003	50.9.3.1 Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer in-charge. using Anjili / Jack wood			
	Net Total	10.196 sqm		
1.004	13.1.1 12 mm cement plaster of mix: 1:4 (1 cement : 4 fine sand)			
	Net Total	85.928 sqm		
1.005	11.3.1 Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate			
	Net Total	33.184 sqm		
1.006	OD14540/2025-2026 Providing and fixing 0.35mm thick Trafford sheet roofing up to any pitch and fixing with polymer coated J or L hooks , bolt and nuts 8mm dia. G I plain and bitumen washers or with self drilling fasteners and EPDM washer etc. complete (excluding the cost of purlin, rafters and trusses) including cuttings sheet to size and shape wherever required.			
	Net Total	51.520 sqm		

29

Sl No	Specification	Quantity	Rate	Amount
1.007	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	161.477sqm		
	Heading Total(Rs)			
	Total Estimation PAC			
3	Extra Charges			
2.001	Provision for GST			
	Grand Total			
	Round off			
	Rounded Total(Rs)			