

Name of Work: Special repairs and Maintenance of old boys hostel at KCAET Thavannur						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		
				Figure	Words	
1.00	15.31 : Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	360.00	sqm	105.34	Rupees One Hundred & Five and Paise Thirty Four Only	37922.40
2.00	15.14.2 : 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 below 40 square centimeters	90.00	metre	9.33	Rupees Nine and Paise Thirty Three Only	839.70
3.00	15.41 : Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.	360.00	sqm	29.76	Rupees Twenty Nine and Paise Seventy Six Only	10713.60
4.00	14.43 : Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	1930.00	sqm	10.35	Rupees Ten and Paise Thirty Five Only	19975.50
5.00	13.43.1 : Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer	1930.00	sqm	48.82	Rupees Fourty Eight and Paise Eighty Two Only	94222.60
6.00	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	1930.00	sqm	109.63	Rupees One Hundred & Nine and Paise Sixty Three Only	211585.90
7.00	4.1.3 : 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 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	.401	cum	7444.55	Rupees Seven Thousand Four Hundred & Fourty Four and Paise Fifty Five Only	2985.26



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8.00	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)	75.00	sqm	337.48	Rupees Three Hundred & Thirty Seven and Paise Fourty Eight Only	25311.00
9.00	14.5.1 : Renewing glass panes, with putty and nails wherever necessary including racking out the old putty :Float glass panes of thickness 4 mm	8.75	sqm	940.66	Rupees Nine Hundred & Fourty and Paise Sixty Six Only	8230.78
10.00	14.7.1 : Renewing glass panes and re fixing existing wooden fillets:Float glass panes of thickness 4 mm	4.375	sqm	1000.32	Rupees One Thousand and Paise Thirty Two Only	4376.40
11.00	14.54.1 : Painting with synthetic enamel paint of approved brand and manufacture of required colour to an give even shade:One or more coats on old work	225.00	sqm	66.05	Rupees Sixty Six and Paise Five Only	14861.25
12.00	12.49 : Providing & laying on roof pressed clay tile ridge (Mangalore tile) of 20 mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately).	10.00	sqm	184.74	Rupees One Hundred & Eighty Four and Paise Seventy Four Only	1847.40



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13.00	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 trussed and including cutting to size and shape wherever required.	32.85	sqm	847.10	Rupees Eight Hundred & Fourty Seven and Paise Ten Only	27827.24
14.00	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)	25.00	metre	863.31	Rupees Eight Hundred & Sixty Three and Paise Thirty One Only	21582.75
15.00	50.9.1.2 : 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 Pincoda wood	.244	cum	111060.70	Rupees One Lakh Eleven Thousand & Sixty and Paise Seventy Only	27098.81

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16.00	50.9.13.2 : Supplying and fixing Pingoda wood wrought and put up for roof members including cost and conveyance of materials etc. complete.	.478	cum	96750.42	Rupees Ninety Six Thousand Seven Hundred & Fifty and Paise Fourty Two Only	46246.70
17.00	50.9.14.2 : Supplying and fixing Pingoda wood reapers of size 50x25 mm with wire nails including cost and conveyance of materials etc. complete.	.407	cum	104593.55	Rupees One Lakh Four Thousand Five Hundred & Ninety Three and Paise Fifty Five Only	42569.57
18.00	50.9.15.1 : Supplying and fixing 200 mm Aluminium aldrop	20.00	no	171.25	Rupees One Hundred & Seventy One and Paise Twenty Five Only	3425.00
19.00	50.9.15.4 : Providing and fixing iron hooks and eyes: 150 mm	40.00	no	13.66	Rupees Thirteen and Paise Sixty Six Only	546.40
20.00	50.9.15.5 : Providing and fixing iron hooks and eyes: 100 mm	40.00	no	11.37	Rupees Eleven and Paise Thirty Seven Only	454.80
21.00	50.12.4.2 : Providing and fixing false ceiling with 7.5 mm thick PVC wooden grains panel board ceiling of approved quality in aluminium frame work with necessary screws etc complete (aluminium frame work shall be paid separately)	319.00	sqm	740.55	Rupees Seven Hundred & Fourty and Paise Fifty Five Only	236235.45
22.00	50.14.1.1 : Removing and refixing door shutters after necessary repairs for easy opening and closing etc complete as per the direction of site Engineer-in-charge.Removing and refixing door shutters after necessary repairs for easy opening and closing etc complete as per the direction of site Engineer-in-charge.	5.00	each	243.85	Rupees Two Hundred & Fourty Three and Paise Eighty Five Only	1219.25



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23.00	50.14.1.2 : Removing and refixing window shutters after necessary repairs for easy opening and closing etc complete as per the direction of site Engineer-in-charge	10.00	each	172.62	Rupees One Hundred & Seventy Two and Paise Sixty Two Only	1726.20
24.00	50.17.1.1 : Supplying and fixing Stainless steel soap dish including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.	5.00	no	66.70	Rupees Sixty Six and Paise Seventy Only	333.50
25.00	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 portionPowder coated aluminium (minimum thickness of powder coating 50 micron)	100.00	kg	514.46	Rupees Five Hundred & Fourteen and Paise Fourty Six Only	51446.00



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26.00	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.	190.00	kilogram	92.20	Rupees Ninety Two and Paise Twenty Only	17518.00
27.00	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	100.00	kg	159.21	Rupees One Hundred & Fifty Nine and Paise Twenty One Only	15921.00
28.00	9.122.1 : Providing and fixing to existing door frames.30 mm thick Glas Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS : 14856, including fixing to frames.	5.00	sqm	3270.13	Rupees Three Thousand Two Hundred & Seventy and Paise Thirteen Only	16350.65
29.00	17.23 : Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.	4.00	each	1213.59	Rupees One Thousand Two Hundred & Thirteen and Paise Fifty Nine Only	4854.36
30.00	18.22.1 : Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet:100 mm diameter	4.00	each	98.12	Rupees Ninety Eight and Paise Twelve Only	392.48
31.00	18.52.1 : Providing and fixing C.P brass stop cock (concealed) of standard design and of approved make conforming to IS: 893115 mm nominal bore	4.00	each	844.04	Rupees Eight Hundred & Fourty Four and Paise Four Only	3376.16



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32.00	21.14 : Providing and fixing anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868. Minimum anodic coating of grade AC 15) sub frame work for windows and ventilators with extruded built up standard tubular section of approved make conforming to IS: 733 and IS: 1285, fixed with dash fastener of required dia and size (Dash fastener to be paid for separately)	75.00	kilogram	425.19	Rupees Four Hundred & Twenty Five and Paise Nineteen Only	31889.25
33.00	od41/2016_2017 : Re-roofing with departmental roofing tiles of size 320mm or nearest available size.	360.00	sqm	41.33	Rupees Forty One and Paise Thirty Three Only	14878.80
34.00	od72/2016_2017 : Steel work welded in built up sections trusses ridges rafters wall plates and framed work with 40mm GI pipes(class) approved quality etc. cutting fabricating hoisting, and welding fixing in position by welding including applying a coat of zinc rich primer closing the free end with plates required size. etc. complete.	.00	quintal	16895.46	Rupees Sixteen Thousand Eight Hundred & Ninety Five and Paise Fourty Six Only	0.00
Total Estimated Cost in Figures						998764.16
Quoted Amount					998764.16	998764.00
Quoted Rate in Words		Rupees Nine Lakh Ninety Eight Thousand Seven Hundred & Sixty Four Only				



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