

UNIVERSITY OF KERALA						
ENGINEERING UNIT, SUBDIVISION II, KARIAVATTOM						
Urgent repair and maintenance works at staff quarters F21 and F22 at Kariavattom Campus.						
Date of submission :				Time of Completion : 30 days		
SL No	Quantity	Description	Unit	Rate	Rate in Words	Amount
1	Maintanance work - F -20 & F- 21 Staff Qtrs at kariavattom campus					
1.01	1.000	OD68424/2026-2027 Labour (coolie) enggaged for cleaning the terrace from dry leaves tree branches and waste inculiding clearing entire premises of the building complete	each	1106.22	Rs One thousand one hundred and six Ps Twenty Two only	1106.22
1.02	3.000	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.	sqm	57.76	Rs Fifty seven Ps Seventy six only	173.28
1.03	2.000	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)	sqm	592.62	Rs Five Hundred and Ninety Two Ps Sixty two only.	1185.24

1.04	0.175	50.6.1.7 Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 15 cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete	cum	6889.88	Rs Six Thousand Eight Hundred and eighty nine Ps Eighty eight only	1205.73
1.05	10.00	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	kg	114.92	Rs One hundred and fourteen Ps Ninety two only	1149.20
1.06	0.018	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 derived from natural sources)	cum	10721.86	Rs Ten Thousand Seven hundred and Twenty one Ps eighty Six only	192.99
1.07	1.00	17.10.2.3 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required: Kitchen sink without drain board470x420 mm bowl depth 178 mm	each	3764.19	Rs Three Thousand Seven hundred and sixty four Ps Nineteen only	3764.19
1.08	0.600	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	sqm	377.98	Rs Three hundred and seventy Seven Ps Ninety eight only	226.79

1.09	2.00	26.29.1 Cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, all complete as per direction of Engineer-In-Charge.Bars upto 12 mm diameter	metre	8.53	Rs Eight Ps Fifty three only	17.06
1.1	2.00	OD68423/2026-2027 Finishing with Epoxy paint (2 or more coats) at all locations prepared and applied as per manufacture specification including appropriate priming coat, preparation of surface etc.complete (on steel work)	metre	124.37	Rs One hundred and Twenty Four Ps Thirty seven only	248.74
1.11	1.000	26.31.1 Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-In-charge complete in all respect.SBR Polymer (@10% of cement weight) modified cementitious bond coat @2.2 kg cement per sqm of surface area mixed with specified proportion of approved polymer	sqm	150.91	Rs One Hundred and Fifty Ps Ninety one only	150.91

1.12	1.00	<p>26.32.1 Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge.</p> <p>Note: Measurement and payment: The pre-measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N/Sqmm²).12 mm average thickness.</p>	sqm	426.86	Rs Four Hundred and Twenty Six Ps Eighty Six only	426.86
1.13	2.00	<p>OD68428/2026-2027 Plastering with cement mortar 1:3 12mm thick finished with a floating coat of neat cement mixing with Dr. Fixit (101 LW+ pidiproof) complete as per the direction of Engineer</p>	sqm	524.94	Rs Five Hundred and Twenty Four Ps Ninety four only	1049.88
1.14	1.00	<p>13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer</p>	sqm	82.65	Rs Eighty Two Ps Sixty Five only	82.65
1.15	0.40	<p>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 (zone-III)derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)</p>	cum	9441.22	Rs Nine Thousand Four Hundred and forty one Ps Twenty two only	3776.49

1.16	1.00	18.53.1 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS: 893115 mm nominal bore	each	641.41	Rs Six Hundred and Forty One Ps Forty One only	641.41
1.17	1.00	18.16.2 Providing and fixing brass stop cock of approved quality :20 mm nominal bore	each	420.40	Rs Four Hundred and Twenty Ps Forty only	420.40
1.18	1.00	18.22.2 Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet:150 mm diameter	each	243.70	Rs Two hundred and Forty three Ps Seventy only	243.70
1.19	1.00	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.	no	758.61	Rs Seven hundred and Fifty eight Ps Sixty one only	758.61
1.2	6.00	50.18.8.3.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00m 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 12 kgf/cm ²	metre	510.51	Rs Five hundred and ten Ps Fifty one only	3063.06
1.21	2.00	50.18.9.22.1 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia Elbow	no	114.21	Rs One hundred and Fourteen Ps Twenty one only	228.42
1.22	1.00	OD71201/2026-2027 Cleaning the existing toilets using acid wash, clearing using brush and making the surface clean etc. complete	each	439.72	Rs Four hundred and Thirty Nine Ps Seventy two only	439.72

1.23	1.00	17.20.1 Providing and fixing solid plastic Seat with lid for pedestal type W.C. pan complete:White solid plastic seat with lid	each	751.87	Rs Seven hundred and Fifty One Ps Eighty seven only	751.87
1.24	12.00	8.31 Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours,shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	sqm	1363.20	Rs One thousand Three hundred and sixty three Ps Twenty only	16358.40
1.25	2.00	OD68427/2026-2027 Labour (carpenter) engaged for easing and repairing the doors and windows etc.complete.	each	1224.56	Rs One thousand Two hundred and Twenty Four Ps Fifty six only	2449.12
1.26	60.00	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	kg	198.59	Rs One hundred and ninety eight Ps Fifty nine only	11915.40
1.27	4.20	13.52.1 Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.On steel work	sqm	258.57	Rs Two hundred and Fifty eight Ps Fifty seven only	1085.99

1.28	315.00	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	sqm	99.97	Rs Ninety nine Ps Ninety seven only	31490.55
	Total amount					84602.88
	After round off Total (Rs.84,603/- Rupees Eighty Four Thousand Six Hundred and Three Only)					

I/We undertake to execute the work at 1).....% below estimate rate

2) At the estimate rate

3) Above the estimate rate

CONTRACTOR (Name and Address)

Sd/-
ASSISTANT EXECUTIVE ENGINEER(i/c)

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