

Schedule of Quantities					
Name of work	Minor repair and painting of two nos. Type IV & one no. Type III quarter at KSKGRL, IIG, Prayagraj.				
कार्य का नाम	के.एस.के.जी.आर.एल, आईआईजी, प्रयागराज में दो नं. टाइप IV और एक नं. टाइप III क्वार्टर की मामूली मरम्मत और पेंटिंग का कार्य।				
SLNo	Description	Qty	Unit	Rate	Amount
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).				
1.1	Local hard wood	0.06	cum	83378.05	5003
2	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
2.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	2.5	sqm	2392.65	5982
2.2	25 mm thick (for cupboard) including ISI marked Stainless Steel butt hinges with necessary screws	9	sqm	2093.70	18843
3	Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).	9	sqm	106.70	960
4	Providing and fixing oxidised M.S. hasp and staple (safety type) conforming to IS : 363 with necessary screws etc. complete : (copper oxidized as per IS: 1378)				
4.1	150 mm	3	each	33.10	99
5	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :				
5.1	250x16 mm	2	each	260.60	521

6	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
6.1	250x10 mm	10	each	115.15	1152
7	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
7.1	100 mm	8	each	59.55	476
8	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
8.1	Twin rubber stopper	1	each	72.35	72
9	Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.50 mm all complete.				
9.1	With 2nd class teak wood/ aluminium beading	2	sqm	1597.15	3194
10	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.				
10.1	Using M.S. angels 40x40x6 mm for diagonal braces	2	sqm	5804.35	11609
11	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.				
11.1	Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	13	kg	141.70	1842

12	Providing and fixing carbon steel galvanised ( minimum coating 5 micron) dash fastener of 10 mm dia double threaded 6.8 grade (yield strength 480 N/mm <sup>2</sup> ), counter sunk head, comprising of 10 mm dia polyamide PA 6 grade sleeve, including drilling of hole in frame , concrete/ masonry, etc. as per direction of Engineer-in-charge.				
12.1	10 x 140 mm	24	each	182.20	4373
	<b>FINISHING</b>				
13	Applying priming coat:				
13.1	With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	22	sqm	70.35	1548
14	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
14.1	Two or more coats on new work	27	sqm	155.90	4209
15	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	335	sqm	156.05	52277
16	Distempering with 1st quality acrylic distemper, 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.				
16.1	One coats	533	sqm	92.00	49036
16.2	Two coats	335	sqm	137.45	46046
17	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	335	sqm	25.15	8425
18	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
18.1	One or more coats on old work	55	sqm	102.80	5654
19	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:				
19.1	Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	4	sqm	1580.90	6324

20	Disconnecting damaged overhead/terrace PVC water storage tank of any size from water supply line and removing from the terrace including shifting at ground level as per direction of Engineer-in-charge.	3	each	433.75	1301
21	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
21.1	Of area 3 sq. metres and below	9	each	367.20	3305
22	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	1	each	112.05	112
23	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.	50	sqm	54.65	2733
24	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.				
24.1	10 litre capacity - White	1	each	1190.65	1191
25	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
25.1	Flexible pipe, 40 mm dia	2	each	119.55	239
26	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
26.1	Internal work - Exposed on wall				
26.2	20 mm nominal dia Pipes	10	metre	335.00	3350
27	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
27.1	18.49.1 15 mm nominal bore	2	each	506.80	1014
28	Providing and fixing PTMT grating of approved quality and colour.				

28.1	Rectangular type with openable circular lid				
28.1.1	150 mm nominal size square 100 mm diameter of the inner hinged round grating	2	each	196.95	394
29	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball.				
29.1	25 mm nominal bore, 152mm long, weighing not less than 440 gms	3	each	523.80	1571
30	Providing and fixing PTMT swivelling shower, 15 mm nominal bore, weighing not less than 40 gms	2	each	121.40	243
31	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 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.	3000	Lit	11.00	33000
32	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) :				
32.1	For fixed portion				
32.1.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	25	kg	495.05	12376
32.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				

32.2.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	20	kg	598.60	11972
33	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
33.1	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	10	sqm	1505.25	15053
	<b>NON SCHEDULE</b>				
34	Providing and plastering with premixed polymerized readymade cement mortar of approved brand / make, manufactured in automated dry mix batching plant where Cement, sand and polymer additive are mixed in pre-determined ratio (as per manufacturer specification). In one coat. 6 to 7 liter potable water (as per manufacturer specification) shall be added to 40 kg of ready-mix dry mortar on mortar mixing G.I tray and shall be mixed well for 4-5 minutes. The mortar shall be left undisturbed for 3-5 minutes to dissolve additive and shall be mixed once again to form cohesive and consistent mix.				
34.1	15 mm average thickness	50	sqm	642.15	32108
	Total =				347607
	Add Cost Index @7% on SR&DR Items = i.e on Rs.	315,499			22085
	<b>Total =</b>				<b>369,692</b>
	<b>(Rs.Three Lakh Sixty Nine Thousand Six Hundred Ninety Two Only)</b>				
	Add _____ % Above / _____ % Bellow the Estimated cost				
	Tendered Cost (including GST) = Rs.				
		Name, Sign and Seal of the Agency			