

ICAR-CENTRAL INSTITUTE FOR RESEARCH ON COTTON TECHNOLOGY
(INDIAN COUNCIL OF AGRICULTURAL RESEARCH),
ADENWALA ROAD, MATUNGA, MUMBAI-400019.
TEL NO.: 2412 7273/76, 2418 4274/75, 2415 7238
Email ID:-director.circot@icar.gov.in

Date: 23/02/2023

NOTICE INVITING E-TENDER No. 14 /2022-23

The Director, ICAR-Central Institute for Research on cotton Technology, (Indian Council of Agricultural Research), Adenwala Road, Matunga, Mumbai., invites online Percentage Rate based E-Tenders from approved and eligible contractors registered with Government organizations such as CPWD, state PWD, MES, Railway, P & T, Public undertakings, Nationalized banks etc., by e-tendering process for the following work:-

1	NIT No.	NIT. No.14/ E-Tenders-Works/ICAR-CIRCOT/2022-23
2	Name of Work	Providing internal repair, paintings in existing rooms, Tiling in balcony and providing Bathroom facilities to the open corner area of Balcony (South side) of quarter no. 602 on sixth floor of Dr. V Sundaram bldg.(MS) at ICAR-CIRCOT, Matunga, Mumbai.
3	Estimated cost put to tender	Rs. 8,59,683/-
4	Tender fees (Rs.)	Rs. 1000/-
5	Earnest money deposit	Rs. 17,200/-
6	Period of Completion	120 (One Hundred and Twenty days)
7	Last Date & Time of submission of e-tender, and other documents as specified in the tender	Date: 13-03-2023 Time: 15.00 hrs.
8	Time & Date of Technical bid opening of tender	Date: 15-03-2023 Time: 15.30 hrs.

1. The intending bidder must read the terms and conditions carefully. He should submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and instruction for bidders posted on website shall form part of bid document.
3. The bid document consisting of Plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.circot.res.in or www.eprocure.gov.in free of cost.

4. Only on-line bids through NIC's e-procurement Portal (CPPP) i.e on www.eprocure.gov.in shall be accepted.

Sunil Kumar

Chief Administrative Officer

Date: 23/02/2023

FINANCIAL BID (Percentage BOQ) (This is only for reference. Fill up this excel format only given separately)

NIT. No.14 / E-Tenders-Works/ICAR-CIRCOT/2022-23

SCHEDULE "A": BILL OF QUANTITIES AND SCHEDULE OF WORKS:

NAME OF WORK: Providing internal repair, painting in existing rooms, Tiling in balconies and providing Bathroom facilities to the open corner area of Balcony (South side) of quarter No.602 on sixth floor of Dr. V. Sundaram Bldg. (MS) at ICAR-CIRCOT, Matunga, Mumbai -19.

Sr. No.	Item No as Per DSR-2021	Description of Work	Unit	Qty.	Rate(Rs) Including GST	Amount (Rs.)
		A. DISMANTLING AND DEMOLISHING				
1	15.23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.15.23.1 For thickness of tiles 10 mm to 25 mm	Sq.Mt	22	60.5	1331.00
2	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.15.2.1 Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	Cu.mt	3	2007.1	6021.30
3	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.	Sq.Mt	60	45.05	2703.00
4	15.7	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.15.7.4 In cement Mortar	Cu.mt	3	1698.45	5095.35
5	MR	Dismantling existing old Wash Basin, Wooden windows etc.	Each	4	400	1600.00
6	15.44	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge : 15.44.1 15 mm to 40 mm nominal bore	Meter	15	124.1	1861.50
7	15.42	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead : 15.42.1 75 to 80 mm dia pipe	Meter	8	62.4	499.20
		B. BRICK MASONRY, PLASTEIRNG, WATER-				

		PROOFING & TILING				
8	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : 6.4.1 Cement mortar 1:4 (1 cement : 4 coarse sand)	Cu.mt	3	8512.1	25536.30
9	8.2	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. 8.2.1 Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble 8.2.1.1 Area of slab upto 0.50 sqm 8.2.2 Granite of any colour and shade 8.2.2.1 Area of slab upto 0.50 sqm	Sq.Mt	10	2906.45	29064.50
			Sq.Mt	8	3555.45	28443.60
10	13.5	15 mm cement plaster on rough side of single or half brick wall of mix : 13.5.1 1:4 (1 cement: 4 coarse sand)	Sq.Mt	30	354.5	10635.00
11	13.6	20 mm cement plaster of mix : 13.6.1 1:4 (1 cement: 4 coarse sand)	Sq.Mt	40	421.4	16856.00
12	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 4.1.5 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	Cu.mt	4	6833.4	27333.60
13	MR	Providing and Laying Modified repair Concrete of Mix 1:11/2:3	Cu.mt	0.5	1000.00	5000.00
14	22.7	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs,balconies, terraces etc consisting of following operations: a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick				

		layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Engineer-in-Charge : 22.7.1 With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	Sq.Mt	20	1522.95	30459.00
15	22.5	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	Sq.Mt	22	516.6	11365.20
16	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including	Sq.Mt	40	1030.3	41212.00

		pointing in white cement mixed with pigment of matching shade complete (Jhonson, Kajaria 1st Quality)				
17	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. (Jhonson,Kajaria 1st Quality)	Sq.Mt	6.5	935.6	6081.40
18	MR	Providing and laying Decorative Ceramic 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. (Jhonson tiles-Spanish collection & Neo solutions)	Sq.Mt	30	980.00	29400.00
19	MR	Providing and laying Decorative ceramic tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete. 11.46.2 Size of Tile 600x300 mm (Jhonson tiles- Neo solutions)	Sq.Mt	36	980.00	35280.00
20	18.76	Cutting holes up to 30x30 cm in walls including making good the same: 18.76.1 With common burnt clay F.P.S. (non modular) bricks	Each	2	362.4	724.80
21	18.78	Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc. finishing with matching surface after housing G.I. pipe etc.	Metre	5	171.8	859.00
		C.FINISHING AND PAINTING WORK				
22	13.91	Removing dry or oil bound distemper by scrapping and sand papering.	Sq.Mt	355	20.85	7401.75
23	13.26	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	Sq.Mt	355	214.3	76076.50
24	MR	Wall painting with Royale luxury emulsion paint of	Sq.mt	355	285	101175.00

		interior grade of approved brand and manufacture to give an even shade : Two or more coats on new work @ 78.99 ltr/10 sqmt (Asian make)				
25	13.46	Finishing walls with Acrylic Smooth exterior paint of required shade : 13.46.1 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) sqm	Sq.Mt	20	166.85	3337.00
26	13.43	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : 13.43.1 Water thinnable cement primer	Sq.Mt	355	64.45	22879.75
		D.PLUMBING AND WATER-SUPPLY WORK				
27	18.11	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall : 18.11.1 15 mm dia nominal bore	Metre	5	485.2	2426.00
28	18.46	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 18.46.1 15 mm nominal bore	Each	2	262.3	524.60
29	18.13	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 18.13.1 25 to 40 mm nominal bore	Each	1	757.1	757.10
30	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 18.8.1 15 mm nominal outer dia Pipes	Metre	10	441.15	4411.5
31	18.58	Providing and fixing PTMT grating of approved quality and colour. 18.58.2 Rectangular type with openable circular lid 18.58.2.1 150 mm nominal size square 100 mm diameter of the inner hinged round grating.	Each	1	169.7	169.70
32	17.73	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 17.73.1 450 mm long towel rail with total length of 495 mm, 78	Each	1	573.6	573.60

		mm wide and effective height of 88 mm, weighing not less than 170 gms				
33	18.65	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	Each	1	96.75	96.75
34	18.74	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour. 18.74.1 15 mm nominal bore with 30cm length	Each	1	85.5	85.50
35	18.5	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. 18.50.1 15 mm nominal bore	Each	2	715.05	1430.10
36	18.52	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 18.52.1 15 mm nominal bore	Each	3	594.75	1784.25
37	18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore 18.53.1 15mm nominal bore	Each	6	500.35	3002.10
38	MR	Providing and fixing C.P. brass long body Facet of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore for Table top Basins.	Each	1	1200.00	1200.00
39	18.22	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 18.22.1 100 mm diameter	Each	1	166.35	166.35
40	17.7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : 17.7.1 White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	1	3392.85	3392.85
41	17.8	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	Each	1	1500.05	1500.05
42	MR	Providing and Fixing PP 'Pristine-III' Bowl Type Wash Basin,C844R Bowl (505x380mm) including all necessary fittings as per the direction of Engineer-in-charge.	Each	1	12000.00	12000.00
43	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 17.28.1 Semi rigid pipe 17.28.1.1 32 mm dia	Each	2	90.95	181.90
44	17.69	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour. 17.69.1 Waste coupling 31 mm dia of 79	Each	2	103.00	206.00

		mm length and 62mm breadth weighing not less than 45 gms				
45	MR	Providing and fixing Popular"Perryware" wall mounted type water closet with 'Indus' Type C0265 Closet,C0755 Cistern C2065 Lid with E8094 Solid Seat Cover,C8181 Fittings Wall Hung With all Cistern Set with all necessary fittings and fixtures complete, including cutting and making good the walls and floors wherever required as per the direction of engineer-in-charge.	Each	1	20,000.00	20,000.00
46	17.6	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : 17.60.1 100 mm inlet and 100 mm outlet 17.60.1.1 Sand cast iron S&S as per IS: 3989	Each	2	1604.1	3208.20
47	17.71	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	Each	1	146.3	146.30
48	18.27	Providing and laying S&S centrifugally cast (spun) iron pipes (Class LA) conforming to IS - 1536 : 18.27.1 100 mm dia pipe	Metre	5	146.3	731.50
49	17.38	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. 17.38.1 100 mm dia 17.38.1.1 Sand cast iron S&S as per IS - 1729	Each	2	530.7	1061.40
50	17.41	Providing and fixing double equal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete : 17.41.1 100x100x100x100 mm 17.41.1.1 Sand cast iron S&S as per IS - 1729	Each	1	1038.75	1038.75
51	12.41.1	Providing and fixing on wall face Un plasticized Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. (i) Single socketed pipe 75mm dia pipe	metre	20	213.00	4260.00
52	17.35	Providing and fixing soil, waste and vent pipes : 17.35.1.2 Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989 17.35.2 75mm diameter :	Metre	20	1042.1	20842.00
53	17.41	Providing and fixing double equal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete : 17.41.1.2 Sand cast iron S&S as per IS - 3989	Each	1	721.00	721.00

		17.41.2 75x75x75x75 mm				
54	17.38	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. 17.38.1.2 Sand cast iron S&S as per IS - 3989 17.38.2 75 mm dia	Each	2	453.4	906.80
55	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. 12.42.5 Bend 87.5° 12.42.5.1 75 mm bend	Each	2	91.8	183.60
		Single tee with door 12.42.3.1 75x75x75 mm	Each	1	141.55	141.55
		E.CARPENTARY WORK				
56	21.1	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) : 21.1.1 For fixed portion 21.1.1.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	50	433.95	21697.50
		For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for	kg	40	531.8	21272

		fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) 21.1.2.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)				
57	21.3	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 beading shall be paid in basic item): 21.3.2 With float glass panes of 5.00 mm thickness	Sq.mt	6	1325.6	7953.3
58	MR	Providing and Fixing Frosted glass to the Aluminium framed door as per the direction of engineer-in-charge.	Sq.mt	2	1300.00	2600.00
59	MR	Providing and Fixing both side ACP Panelled sheet to the Aluminium framed door as per the direction.	Sq.mt	2	1100.00	2200.00
60	9.97	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 : 9.97.2 250x10 mm	Each	4	104.4	417.60
61	9.1	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 : 9.100.2 100 mm	Each	4	53.25	213.00
62	MR	Providing and Fixing Aldrop of required quality and size	Each	2	680.00	1360.00
63	9.101	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. 9.101.1 Single rubber stopper	Each	2	35.5	71.00
64	MR	Providing and fixing 600x120x5 mm ready available Plastic Box Type Set with Built in Shelves etc.complete.	Each	1	500.00	500.00
65	MR	Providing and fixing 600x450 mm ready available Plastic framed mirror of approved quality	Each	2	800.00	1600.00
66	9.116	Providing and fixing sliding arrangement in racks/ cupboards/cabinets shutter by with stainless steel rollers to run inside	Each	15	17.65	264.75

		C or E aluminium channel section (The payment of C or E channel shall be made separately)				
67	17.34	Providing and fixing toilet paper holder : 17.34.1 C.P. brass	Each	1	680.8	680.80
68	9.21	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: 9.21.1 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	Sq.mt	2	2015.75	4031.50
69	MR	Providing and fixing Front modular panel board for Kitchen trolley as per the direction.	Sq.mt	8	2500	20000.00
70	MR	Providing and fixing stainless steel kitchen trolley as per the direction.	Kg	40	800	32000.00
		E.ROOFING AND FALSE-CEILING				
71	12.5	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 Engineerin-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) 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.	Sq.mt	8	671.5	5372.40
72	14.72	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection	Sq.mt	150	285.00	42750.00

		of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineering Incharge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.				
73	MR	Providing and fixing AKH 900 CB plus Turbo series kitchen hood chimney with 2 Baffle Filters 1000m3/hr with power consumption 200 watts length 90cm curved body material glass & stainless fittings all complete as per the direction.	Job Item	1	33000	33000
74	MR	Providing and fixing coloured Acrylic Sheet False ceiling Roofing fixed to a grid made out of anodised aluminium (with 15 micron anodic coating) T sections 35 x15x1.5 mm size main runners, cross runners 23.5x19x1.5 mm fixed to main runners placed 600 mm centre to centre both ways so as to form a grid of 600 mm square. The frame work shall be suspended from ceiling by level adjusting hangers of 6 mm dia M.S rod fixed to roof slab by means of ceiling cleats and dash fastener. The suspenders shall be placed 600 x 1200 mm centre to centre including fixing to the frame with C.P brass screws and applying a priming coat of zinc chromate yellow primer.	Sq.mt	6.5	800.00	5200.00
75	MR	Replacement of old broken existing aluminium framed mosquito proof jalli with new to the existing windows as per the direction.	Each	4	2000	8000.00
76	MR	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	Cu.mt	20	800.00	1600.00
Total Amount:-						8,59,683.00

Total amount in words: Rupees Eight Lakhs Fifty Nine Thousand Six Hundred and Eighty Three only.

Sunil Kumar
Chief Administrative Officer