

COCHIN PORT AUTHORITY							
www.tenderwizard.com/CPT							
Tender No: T1/T-2076/2025-C							
Name of Work : RENOVATION OF NORTH END GENTS HOSTEL							
SCHEDULE - "II"- SCHEDULE OF QUANTITIES OF WORK TO BE DONE ON CONTRACT							
Name and Address of the Vendor:							
Sl. No.	Sub- heads and items of work	Unit	Approximate Quantity	Departmental Rate/ unit Price (Rs)	Departmental Rate in Words	Departmental Amount in Rs.	Departmental Amount in Words
PART.A.CIVIL WORKS							
1	Dismantling W.C. Pan/ Wash basin of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge	Each	11.00	149.28	Rupees One Hundred Forty Nine and Twenty Eight Paise Only	1642.10	Rupees One Thousand Six Hundred Forty Two and Nine Paise Only
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :Of area 3 sq. metres and below.	Each	45.00	408.77	Rupees Four Hundred Eight and Seventy Seven Paise Only	18394.68	Rupees Eighteen Thousand Three Hundred Ninety Four and Sixty Eight Paise Only
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 meters lead.	m2	570.00	60.84	Rupees Sixty and Eighty Three Paise Only	34677.05	Rupees Thirty Four Thousand Six Hundred Seventy Seven and Four Paise Only
4	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge	m2	30.00	746.91	Rupees Seven Hundred Forty Six and Ninety Paise Only	22407.25	Rupees Twenty Two Thousand Four Hundred Seven and Twenty Four Paise Only
5	Plastering with cement mortar 1:4 (1 cement: 4 fine sand) 12 mm thick including finishing, curing etc. complete. Incl material, labour, scaffolding etc.	m2	150.00	386.34	Rupees Three Hundred Eighty Six and Thirty Three Paise Only	57950.93	Rupees Fifty Seven Thousand Nine Hundred Fifty and Ninety Two Paise Only
6	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, and inclusive of all material, labour, sundries etc.	m2	150.00	686.91	Rupees Six Hundred Eighty Six and Ninety Paise Only	103035.93	Rupees One Lakh Three Thousand Thirty Five and Ninety Three Paise Only
7	Providing and laying vitrified tiles in 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, in skirting, riser of steps, 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 800x800 mm . incl of all material,labour, sundries etc	m2	150.00	2481.62	Rupees Two Thousand Four Hundred Eighty One and Sixty Two Paise Only	372243.51	Rupees Three Lakh Seventy Two Thousand Two Hundred Forty Three and Fifty Paise Only
8	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 800x800 mm. incl of all material,labour, sundries etc	m2	520.00	2098.96	Rupees Two Thousand Ninety Eight and Ninety Five Paise Only	1091457.88	Rupees Ten Lakh Ninety One Thousand Four Hundred Fifty Seven and Eighty Seven Paise Only
9	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in charge. Size of Tile 800x800 mm. incl of all material,labour, sundries etc	m2	670.00	272.46	Rupees Two Hundred Seventy Two and Forty Five Paise Only	182546.96	Rupees One Lakh Eighty Two Thousand Five Hundred Forty Six and Ninety Five Paise Only
10	Providing and fixing on wall face 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, (i) Single socketed pipes. 110 mm diameter	m	52.00	414.58	Rupees Four Hundred Fourteen and Fifty Seven Paise Only	21557.91	Rupees Twenty One Thousand Five Hundred Fifty Seven and Ninety Paise Only
11	Providing 300 mm dia (class 2) Semicircular PVC eaves gutter with M.S. brackets 50x6mm about 1m c/c as directed by the Engineer-in-charge.	m	50.00	911.10	Rupees Nine Hundred Eleven and Ten Paise Only	45555.00	Rupees Forty Five Thousand Five Hundred Fifty Five Only
12	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.incl of all material,labour, sundries etc	Kg	500.00	148.84	Rupees One Hundred Forty Eight and Eighty Three Paise Only	74418.09	Rupees Seventy Four Thousand Four Hundred Eighteen and Eight Paise Only
13	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 .incl of material, labour, sundries of both priming coat and epoxy painting etc.	m2	100.00	269.12	Rupees Two Hundred Sixty Nine and Eleven Paise Only	26911.85	Rupees Twenty Six Thousand Nine Hundred Eleven and Eighty Five Paise Only

14	Providing at all heights, levels and locations Aluminium profile industrial troughed sheet of Alloy 31500/31000/40800, conforming to IS 1254, IS 737, IS 2676. The sheet shall be fixed using self drilling/self tapping SS screws of size 5.5x65 mm with EPDM seal complete upto required pitch in horizontal, vertical or curved surfaces i/c cutting to size and shape where required as per specifications, detail drawings and direction of Engineer-in-Charge. The rate shall be inclusive of all screws, seal, ridge, labour, scaffolding, machinery for fixing and approved sealant where required etc. but excluding the cost of purlins, rafters and trusses. 0.71 mm thick, the profile detail width 1044/920 mm, cover width 1000/875 mm.	m2	60.00	1284.59	Rupees One Thousand Two Hundred Eighty Four and Fifty Eight Paise Only	77075.32	Rupees Seventy Seven Thousand Seventy Five and Thirty Two Paise Only
15	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid .The rate is inclusive of material, material carriage sundries etc.	Each	6.00	8913.03	Rupees Eight Thousand Nine Hundred Thirteen and Two Paise Only	53478.16	Rupees Fifty Three Thousand Four Hundred Seventy Eight and Sixteen Paise Only
16	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931. 15mm nominal bore.The rate is incl. of carriages, fixing etc.	Nos	17.00	639.32	Rupees Six Hundred Thirty Nine and Thirty One Paise Only	10868.38	Rupees Ten Thousand Eight Hundred Sixty Eight and Thirty Eight Paise Only
17	Supplying & Fixing Toilet fittings Health faucet - Brand: CERA, Model F8030105AB incl of all accessories, fitting charges,sundries etc	Each	6.00	1162.28	Rupees One Thousand One Hundred Sixty Two and Twenty Eight Paise Only	6973.68	Rupees Six Thousand Nine Hundred Seventy Three and Sixty Eight Paise Only
18	Supply and Fixing Over Head Shower Brand : CERA Model: F7010111SS, 150x150mm rate incl of all accessories, fitting charges,sundries etc	Each	6.00	2419.05	Rupees Two Thousand Four Hundred Nineteen and Five Paise Only	14514.30	Rupees Fourteen Thousand Five Hundred Fourteen and Thirty Paise Only
19	Supply and Fixing Over Head Shower Arm Brand: CERA Model: F7040106 rate incl of all accessories, fitting charges,sundries etc	Each	6.00	1733.01	Rupees One Thousand Seven Hundred Thirty Three and One Paise Only	10398.06	Rupees Ten Thousand Three Hundred Ninety Eight and Six Paise Only
20	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: White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap .rate incl of all accessories, fitting charges,sundries etc	Each	6.00	2091.94	Rupees Two Thousand Ninety One and Ninety Four Paise Only	12551.67	Rupees Twelve Thousand Five Hundred Fifty One and Sixty Six Paise Only
21	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour. Waste coupling 38 mm dia of 83 mm length and 77mm breadth, weighing not less than 60 gms.rate incl of all accessories,carriages& fitting charges etc	Each	6.00	136.26	Rupees One Hundred Thirty Six and Twenty Five Paise Only	817.54	Rupees Eight Hundred Seventeen and Fifty Four Paise Only
22	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g .rate incl of all accessories, carriages & fitting charges etc	Each	12.00	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	4506.00	Rupees Four Thousand Five Hundred Six Only
23	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.rate incl of all accessories, carriages & fitting charges etc	Each	6.00	258.21	Rupees Two Hundred Fifty Eight and Twenty Paise Only	1549.25	Rupees One Thousand Five Hundred Forty Nine and Twenty Five Paise Only
24	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.rate incl of all accessories, carriages & fitting charges etc	Nos	10.00	124.07	Rupees One Hundred Twenty Four and Six Paise Only	1240.67	Rupees One Thousand Two Hundred Forty and Sixty Seven Paise Only
25	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end). 32 mm nominal bore..rate incl of all accessories, carriages & fitting charges etc	Nos	2.00	767.67	Rupees Seven Hundred Sixty Seven and Sixty Six Paise Only	1535.34	Rupees One Thousand Five Hundred Thirty Five and Thirty Three Paise Only
26	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line. b. 25 mm dia ,rate incl of all accessories, carriages & fitting charges etc	m	50.00	79.00	Rupees Seventy Nine Only	3950.00	Rupees Three Thousand Nine Hundred Fifty Only
27	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line. c. 32 mm dia , rate incl of all accessories, carriages & fitting charges etc	m	50.00	97.40	Rupees Ninety Seven and Forty Paise Only	4870.00	Rupees Four Thousand Eight Hundred Seventy Only
28	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line. d. 40 mm dia , rate incl of all accessories, carriages & fitting charges etc	m	20.00	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	2442.00	Rupees Two Thousand Four Hundred Forty Two Only
29	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and 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 . 25 mm nominal dia Pipes.	m	50.00	698.26	Rupees Six Hundred Ninety Eight and Twenty Six Paise Only	34913.05	Rupees Thirty Four Thousand Nine Hundred Thirteen and Four Paise Only
30	Supplying and laying/fixing 63mm dia. PVC pipe (class2) buried /above ground for drainage disposal.rate incl of all accessories, carriages & fitting charges etc	m	20.00	172.50	Rupees One Hundred Seventy Two and Fifty Paise Only	3450.00	Rupees Three Thousand Four Hundred Fifty Only
31	Supplying and laying/fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal. rate incl of all accessories, carriages & fitting charges etc	m	20.00	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	6776.00	Rupees Six Thousand Seven Hundred Seventy Six Only
32	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood , 35 mm thick shutters . rate incl of material, labour , sundries etc	m2	10.00	4577.46	Rupees Four Thousand Five Hundred Seventy Seven and Forty Six Paise Only	45774.64	Rupees Forty Five Thousand Seven Hundred Seventy Four and Sixty Three Paise Only
33	Renewing glass panes and refixing existing wooden fillets: Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm) rate incl of all accessories, carriages etc	m2	10.00	1366.24	Rupees One Thousand Three Hundred Sixty Six and Twenty Four Paise Only	13662.43	Rupees Thirteen Thousand Six Hundred Sixty Two and Forty Two Paise Only
34	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame. rate incl of material, labour , sundries etc	m	60.00	635.59	Rupees Six Hundred Thirty Five and Fifty Eight Paise Only	38135.23	Rupees Thirty Eight Thousand One Hundred Thirty Five and Twenty Three Paise Only

35	Providing and fixing to existing door frames. 9.122.1 30 mm thick Glass 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.rate incl of material, labour , sundries etc	m2	20.00	4141.98	Rupees Four Thousand One Hundred Forty One and Ninety Seven Paise Only	82839.52	Rupees Eighty Two Thousand Eight Hundred Thirty Nine and Fifty Two Paise Only
36	Providing and fixing mosquito shuttering to windows, ventilators/ opening/ grills using powder coated aluminium section no.9948 of shell thicknessof 1.5mm , SS net grade 316, including all labour and materials, SS handles 3"/2", SS hinges 3"/2", Magnet,tower bolt, spring, bush and beddings etc. complete as per the directions of the Engineer in charge.rate incl of all accessories, carriages etc	m2	36.00	1680.00	Rupees One Thousand Six Hundred Eighty Only	60480.00	Rupees Sixty Thousand Four Hundred Eighty Only
37	Providing and fixing mosquito shuttering to doors using powder coated aluminium section no.9948 of shell thickness 1.5 mm, SS net grade 316, including all labour and materials.SS handles 3"/2", SS hinges 3"/2", Magnet,tower bolt, spring, bush and beddings etc. complete as per the directions of the Engineer in charge.rate incl of all accessories, carriages etc	m2	11.00	2100.00	Rupees Two Thousand One Hundred Only	23100.00	Rupees Twenty Three Thousand One Hundred Only
38	Supplying and fixing HDPE water tanks of SYNTEX or equivalent approved brands..rate incl of all accessories, carriages etc	L	2000.00	8.00	Rupees Eight Only	16000.00	Rupees Sixteen Thousand Only
39	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 portion- Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)..rate incl of all accessories, carriages etc	Kg	10.00	576.17	Rupees Five Hundred Seventy Six and Seventeen Paise Only	5761.70	Rupees Five Thousand Seven Hundred Sixty One and Seventy Paise Only
40	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): With float glass panes of 4.0 mm thickness..rate incl of all accessories, carriages etc	m2	9.00	1358.50	Rupees One Thousand Three Hundred Fifty Eight and Fifty Paise Only	12226.50	Rupees Twelve Thousand Two Hundred Twenty Six and Fifty Paise Only
41	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. Incl labour, sundries etc	m2	3400.00	28.00	Rupees Twenty Seven and Ninety Nine Paise Only	95190.59	Rupees Ninety Five Thousand One Hundred Ninety and Fifty Eight Paise Only
42	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre.rate incl of material, labour , sundries etc	m2	1950.00	82.32	Rupees Eighty Two and Thirty Two Paise Only	160527.67	Rupees One Lakh Sixty Thousand Five Hundred Twenty Seven and Sixty Six Paise Only
43	Wall painting with premium acrylic emulsion paint of interior grade, 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.Two coats..rate incl of material, labour , sundries etc	m2	1950.00	158.97	Rupees One Hundred Fifty Eight and Ninety Six Paise Only	309984.46	Rupees Three Lakh Nine Thousand Nine Hundred Eighty Four and Forty Five Paise Only
44	Finishing walls with ready mixed Premium acrylic emulsion paint (Company Depot Tinted) having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade with silicon additives.New work (Two or more coats applied @ 1.43 litre/ 10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm. rate incl of material, labour , sundries etc	m2	1050.00	201.77	Rupees Two Hundred One and Seventy Six Paise Only	211857.78	Rupees Two Lakh Eleven Thousand Eight Hundred Fifty Seven and Seventy Seven Paise Only
45	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre. Incl material , material carriage, labour, sundries etc.	m2	400.00	78.31	Rupees Seventy Eight and Thirty One Paise Only	31325.73	Rupees Thirty One Thousand Three Hundred Twenty Five and Seventy Two Paise Only
46	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work.rate incl of material, labour , sundries etc	m2	400.00	173.55	Rupees One Hundred Seventy Three and Fifty Four Paise Only	69419.78	Rupees Sixty Nine Thousand Four Hundred Nineteen and Seventy Seven Paise Only
47	Clearing of septic tanks of various sizes depth varying from 90 cms to 240 cms including disposal of the contents in trenches dug sufficient deep and covered with good earth as directed by the Engineer-in-charge. Cleaned tanks should be got inspected by the Engineer-in-charge/authorized representative before placing the slab. Special care should be taken to see that materials are not sprinkled on road or premises and the same transported insufficiently big containers. Work should be done only during night between 10.00 o' clock & 5.00 o' clock(payment will be taken for the total inside cubical capacity of the tank.	m3	15.00	1174.00	Rupees One Thousand One Hundred Seventy Four Only	17610.00	Rupees Seventeen Thousand Six Hundred Ten Only
48	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge. 25 mm average thickness. Rate incl machinery, labour etc.	m2	20.00	141.10	Rupees One Hundred Forty One and Nine Paise Only	2821.99	Rupees Two Thousand Eight Hundred Twenty One and Ninety Eight Paise Only
49	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.rate incl of material, labour , sundries etc	m	50.00	9.18	Rupees Nine and Eighteen Paise Only	459.20	Rupees Four Hundred Fifty Nine and Nineteen Paise Only
50	Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine to a minimum depth of 100mm upto 200mm in RCC beams, lintels, columns and slabs to introduce steel bars for sunshades/balconies including fixing the steel bars in position using epoxy resin anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge.Upto and including 12mm dia.rate incl of material,machinery,labour etc	Each	25.00	157.19	Rupees One Hundred Fifty Seven and Eighteen Paise Only	3929.63	Rupees Three Thousand Nine Hundred Twenty Nine and Sixty Three Paise Only
51	Steel Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	20.00	120.06	Rupees One Hundred Twenty and Five Paise Only	2401.19	Rupees Two Thousand Four Hundred One and Nineteen Paise Only
52	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. rate incl of material, labour ,scaffolding, sundries etc	m2	10.00	157.19	Rupees One Hundred Fifty Seven and Eighteen Paise Only	1571.85	Rupees One Thousand Five Hundred Seventy One and Eighty Five Paise Only
53	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.[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.] 25 mm average thickness in 2 layers.rate incl of material, labour ,scaffolding, sundries etc	m2	20.00	653.84	Rupees Six Hundred Fifty Three and Eighty Four Paise Only	13076.88	Rupees Thirteen Thousand Seventy Six and Eighty Seven Paise Only

54	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. rate incl of carriage of materials etc.	m3	20.00	293.83	Rupees Two Hundred Ninety Three and Eighty Three Paise Only	5876.64	Rupees Five Thousand Eight Hundred Seventy Six and Sixty Three Paise Only
TOTAL PART-A						3528742	
PART-B :- ELECTRICAL WORKS							
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm 1.1KV grade FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable, ceiling rose etc as required.	point	72	1784.59	Rupees One Thousand Seven Hundred Eighty Four and Fifty Eight Paise Only	128490.25	Rupees One Lakh Twenty Eight Thousand Four Hundred Ninety and Twenty Five Paise Only
2	Wiring for twin control light point with 1.5 sq.mm 1.1KV Grade FRLS PVC insulated copper conductor single core cable in surface /recessed medium class PVC conduit, 2 way modular switch,modular plate, suitable GI box and earthing the point with 1.5sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	point	3	1900.15	Rupees One Thousand Nine Hundred and Fifteen Paise Only	5700.46	Rupees Five Thousand Seven Hundred and Forty Five Paise Only
3.1	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required:- 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	metre	400	271.28	Rupees Two Hundred Seventy One and Twenty Seven Paise Only	108510.67	Rupees One Lakh Eight Thousand Five Hundred Ten and Sixty Six Paise Only
3.2	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required:- 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	metre	120	406.31	Rupees Four Hundred Six and Thirty Paise Only	48756.81	Rupees Forty Eight Thousand Seven Hundred Fifty Six and Eighty One Paise Only
4	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.-3 x 1.5 sq. mm	metre	350	115.57	Rupees One Hundred Fifteen and Fifty Six Paise Only	40448.20	Rupees Forty Thousand Four Hundred Forty Eight and Twenty Paise Only
5.1	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.-20 mm	metre	340	155.71	Rupees One Hundred Fifty Five and Seventy One Paise Only	52941.53	Rupees Fifty Two Thousand Nine Hundred Forty One and Fifty Two Paise Only
5.2	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.-25 mm	metre	40	176.39	Rupees One Hundred Seventy Six and Thirty Nine Paise Only	7055.63	Rupees Seven Thousand Fifty Five and Sixty Two Paise Only
6	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.-TV antenna socket outlet	Each	2	180.04	Rupees One Hundred Eighty and Four Paise Only	360.08	Rupees Three Hundred Sixty and Eight Paise Only
7	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	15	48.66	Rupees Forty Eight and Sixty Five Paise Only	729.89	Rupees Seven Hundred Twenty Nine and Eighty Nine Paise Only
8	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block/PVC block including connections etc. as required.	each	58	105.83	Rupees One Hundred Five and Eighty Three Paise Only	6138.39	Rupees Six Thousand One Hundred Thirty Eight and Thirty Nine Paise Only
9	Supplying and fixing Bakelite or Polycarbonate batten/ angle holder including connection etc. as required.	each	24	159.36	Rupees One Hundred Fifty Nine and Thirty Five Paise Only	3824.64	Rupees Three Thousand Eight Hundred Twenty Four and Sixty Three Paise Only
10	Installation, testing and commissioning of pre-wired, LED fitting / fitting of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	each	50	250.60	Rupees Two Hundred Fifty and Fifty Nine Paise Only	12529.82	Rupees Twelve Thousand Five Hundred Twenty Nine and Eighty One Paise Only
11	Supply, conveyance, installation, testing and commissioning of the 400 mm, single phase, heavy duty, 1400 rpm exhaust fan in metal frame sizes of exhaust fans in the existing opening, fixing necessary bolt and nuts, making good the damages etc. as required including giving connections with required length of 24/0.20mm PVC insulated and PVC sheathed 3 core round copper conductor flex wire conforming to relevant ISS.	Nos	3	5970.09	Rupees Five Thousand Nine Hundred Seventy and Nine Paise Only	17910.28	Rupees Seventeen Thousand Nine Hundred Ten and Twenty Seven Paise Only
12	Supply, conveyance, installation, testing and commissioning of the 305 mm, single phase, PVC, 1400 rpm exhaust fan in PVC frame sizes of exhaust fans in the existing opening, fixing necessary bolt and nuts, making good the damages etc. as required including giving connections with required length of 24/0.20mm PVC insulated and PVC sheathed 3 core round copper conductor flex wire conforming to relevant ISS.	Nos	2	3200.00	Rupees Three Thousand Two Hundred Only	6400.00	Rupees Six Thousand Four Hundred Only
13	Supply and fixing 45 watt, 120 LM/W, LED Street light of reputed make with bracket /GI pipes and all accessories.	Nos	9	2400.00	Rupees Two Thousand Four Hundred Only	21600.00	Rupees Twenty One Thousand Six Hundred Only
14	Supply, installation, testing and commissioning of BLDC ceiling fans of the following sizes using standard accessories excluding resistance type regulator, wiring the down rod with 16/0.20mm PVC insulated and PVC sheathed 650/1100V grade 3 core round copper conductor flex wire or with extended original wiring etc. as required.1200 mm sweep - 5 star	Nos	15	3100.00	Rupees Three Thousand One Hundred Only	46500.00	Rupees Forty Six Thousand Five Hundred Only
15	Supply and installation of suitable size SS rod type fan clamp as required.	Nos.	15	124.00	Rupees One Hundred Twenty Four Only	1860.00	Rupees One Thousand Eight Hundred Sixty Only
16	Supplying and fixing 12 module, GI box along with modular base & cover plate for modular switches on surface/recess, including providing and fixing of S.P. 5/6 amps one way modular switch, ISI marked - 6 nos, 3 pin 5/6 amps modular socket outlet ISI marked - 2 nos, interconnections as required.	Nos.	9	1403.39	Rupees One Thousand Four Hundred Three and Thirty Nine Paise Only	12630.51	Rupees Twelve Thousand Six Hundred Thirty and Fifty One Paise Only
17	Supplying and fixing 8 module, GI box along with modular base & cover plate for modular switches on surface/recess, including providing and fixing of S.P. 5/6 amps one way modular switch, ISI marked - 4 nos, 3 pin 5/6 amps modular socket outlet ISI marked - 1 nos, interconnections as required.	Nos.	1	1175.42	Rupees One Thousand One Hundred Seventy Five and Forty Two Paise Only	1175.42	Rupees One Thousand One Hundred Seventy Five and Forty Two Paise Only
18	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and	Nos	3	822.35	Rupees Eight Hundred Twenty Two and Thirty Four Paise	2467.04	Rupees Two Thousand Four Hundred

19	Supplying and fixing 4 module, GI box along with modular base & cover plate for modular switches on surface/recess, including providing and fixing of S.P. 5/6 amps one way modular switch, ISI marked - 4 nos, and interconnections as required.	Nos.	2	516.95	Rupees Five Hundred Sixteen and Ninety Five Paise Only	1033.90	Rupees One Thousand Thirty Three and Ninety Paise Only
20	Supplying and fixing 2 module, GI box along with modular base & cover plate for modular switches on surface/recess, including providing and fixing of S.P. 5/6 amps one way modular switch, ISI marked - 2 nos, and interconnections as required.	Nos.	7	289.83	Rupees Two Hundred Eighty Nine and Eighty Three Paise Only	2028.81	Rupees Two Thousand Twenty Eight and Eighty One Paise Only
21	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 16 A switch and modular socket etc. as required.	each	3	884.39	Rupees Eight Hundred Eighty Four and Thirty Eight Paise Only	2653.16	Rupees Two Thousand Six Hundred Fifty Three and Fifteen Paise Only
22.1	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator):- 8 way (4 + 24), Double door	each	1	7258.78	Rupees Seven Thousand Two Hundred Fifty Eight and Seventy Seven Paise Only	7258.78	Rupees Seven Thousand Two Hundred Fifty Eight and Seventy Seven Paise Only
22.2	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator):- 4 way (4 + 12), Double door	each	1	4976.65	Rupees Four Thousand Nine Hundred Seventy Six and Sixty Four Paise Only	4976.65	Rupees Four Thousand Nine Hundred Seventy Six and Sixty Four Paise Only
23	Supplying and fixing 6 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.:- Single pole	Each	25	311.42	Rupees Three Hundred Eleven and Forty Two Paise Only	7785.52	Rupees Seven Thousand Seven Hundred Eighty Five and Fifty One Paise Only
24	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	Each	10	15.81	Rupees Fifteen and Eighty One Paise Only	158.14	Rupees One Hundred Fifty Eight and Fourteen Paise Only
25	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.:- 40A	Each	1	3878.16	Rupees Three Thousand Eight Hundred Seventy Eight and Sixteen Paise Only	3878.16	Rupees Three Thousand Eight Hundred Seventy Eight and Sixteen Paise Only
26	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.:- 40A	Each	2	1179.99	Rupees One Thousand One Hundred Seventy Nine and Ninety Nine Paise Only	2359.99	Rupees Two Thousand Three Hundred Fifty Nine and Ninety Eight Paise Only
27	Earthing with G.I. earth pipe/ rod with Cu bonding 1 metre long, 40 mm dia including accessories etc. as required.	Each	2	1200.00	Rupees One Thousand Two Hundred Only	2400.00	Rupees Two Thousand Four Hundred Only
28	Supply and drawing following size of bare earthing conductors along with wiring/ cables and giving connection as required.:- 2.00 mm copper conductor (14 SWG)	meter	50	50.00	Rupees Fifty Only	2500.00	Rupees Two Thousand Five Hundred Only
29	Supply of following sizes of 1 no. PVC insulated and PVC sheathed armoured power cable, 1.1 KV grade using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages, colour washing etc. as required.:- 3.5 core 16 sq mm, Aluminium cable with factory made clamp	metre	50	114.24	Rupees One Hundred Fourteen and Twenty Four Paise Only	5712.00	Rupees Five Thousand Seven Hundred Twelve Only
30	Laying and clamping of following sizes of 1 no. PVC insulated and PVC sheathed armoured power cable, 1.1 KV grade using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages, colour washing etc. as required.:- 3.5 core 16 sq mm, Aluminium cable with factory made clamp	metre	50	66.91	Rupees Sixty Six and Ninety Paise Only	3345.34	Rupees Three Thousand Three Hundred Forty Five and Thirty Four Paise Only
31	Dimantling the Existing Electrical fittings, wirings material, DB's, fans, switch boards, Meter boxes etc. for 16 nos. of quarters and handing over to testing and repair section.	LS	1	7098.31	Rupees Seven Thousand Ninety Eight and Thirty One Paise Only	7098.31	Rupees Seven Thousand Ninety Eight and Thirty One Paise Only
32	Supplying of 4 feet LED Tubelight fittings 20W	Nos	26	230.00	Rupees Two Hundred Thirty Only	5980.00	Rupees Five Thousand Nine Hundred Eighty Only
33	Supplying of 9W LED Bulb	Nos	24	160.00	Rupees One Hundred Sixty Only	3840.00	Rupees Three Thousand Eight Hundred Forty Only
34	Supplying of 18W Bulk head light of reputed make	Nos	4	470.00	Rupees Four Hundred Seventy Only	1880.00	Rupees One Thousand Eight Hundred Eighty Only
35	SITC of Three Phase Meter box, 1 Nos. and fixing the Energy Meter, Isolator, MCB etc. as required.	Nos.	1	2935.00	Rupees Two Thousand Nine Hundred Thirty Five Only	2935.00	Rupees Two Thousand Nine Hundred Thirty Five Only
TOTAL PART-B						593853.37	
GRAND TOTAL FOR PART-A+PART-B						41,22,595	Rupees Forty One Lakh Twenty Two Thousand Five Hundred Ninety Five Only
BIDDER'S QUOTING AREA							
Sl. No.	Description of Work: RENOVATION OF NORTH END GENTS HOSTEL	Departmental Estimated Cost (Rs)	Percentage Quoted above/ below the Departmental Amount by the Bidder		Above/Below		
			* In Figures	*In Words			
	Percentage Quoted above / below the Departmental Amount shown in the above Schedule	41,22,595					
* Note							
1. The Bidder shall quote both in figures and words							
2. The Bidders shall also quote Above / Below in words themselves in the last column							
3. Only two decimal digits will be accepted.							