

SCHEDULE OF QUANTITIES (BID-II)					
NAME OF WORK: E-TENDER FOR PROPOSED ADDITIONAL & ALTERATION WORK INCLUDING ELECTRICAL & AIR-CONDITIONING SYSTEMS FOR FLAT NO.14A AT QUEENS MANSION BUILDING, PARK STREET, KOLKATA					
Tender No. : LIC/EZ/ENGG/2026-27/05 dated 11.05.2026					
Note : This is Part of the main tender document . The Contractor has to quote percentage Rate on the estimated amount as per instruction in accordance with the main tender document terms and conditions, specifications etc. The tender consists of combination of both these parts I.E. BID-I & BID-II.					
Minimum BASIC PRICE wherever mentioned below is FOR at Site excluding GST.					
T.I. No.	DESCRIPTION OF ITEM	QUANTITY.	UNIT	RATE	AMOUNT
	PART "A" (Builders works)				
1.00	Dismantling the brickwork of any thickness (Cement/ lime mortar) including plastering etc and mending good all the damages including carting away the debris outside the worksite.	1.00	Cu.M	1638.00	1638.00
2.00	Dismantling Plain Cement Concrete work of any thickness (Cement/ lime mortar) and mending good all the damages including carting away the debris outside the worksite.	1.00	Cu.M	1196.00	1196.00
3.00	Dismantling Reinforced Cement Concrete work of any thickness and of any proportion including cutting out the reinforcement manually or by mechanical means and carting away the debris outside the worksite.	0.50	Cu.M	2824.00	1412.00
4.00	Dismantling the damaged concrete / plaster in ceiling and beams/ chajja /band/ moulding, wrapping/ cleaning the affected surfaces (concrete / steel) with emery paper/ cloth, applying a coat of cement wash and then cement concrete 1: 2: 4 with 6mm stone chips and 1:4 cement plaster over to match the existing surfaces.(approx 40mm thick)	5.00	Sq.M	539.00	2695.00
5.00	FORM WORK : Supplying and fixing Form work/ centering with wooden plank and shuttering including strutting, propping etc., in all floors, at all levels and lift and removal of forms for foundations. Footings, pedestals, columns, plinth beams, Grade beams, tie beams, stair case foundation & walls, cantilevers, projecting slabs up to plinth level, complete as per direction-Form work with 25 mm th. Plank	1.50	Sq.M	274.00	411.00
6.00	Providing and laying P.C.C. 1:2:4 with Cement, Sand and stone chips in any type of work.(Coarse graded aggregate 20mm and down gauge)	2.00	Cu.M	7104.00	14208.00
7.00	Providing and laying R.C.C. 1:1.5:3, using 20mm. And down gauge aggregates in Column footings, rafts, Plinth beams / Tie beams/ projecting slabs and slabs up to plinth level, Columns, pedestals, staircase, walls in foundation & up to plinth, Floor/roof slabs and beams, cantilever slabs/beams, projecting slabs, anopy slabs/beams, floor landing, loft slab, kitchen platform, landing slab, steps, waist slabs of stair case, mid-landing slabs/beams etc. in superstructure, any other members such as lintels, transomes, bands etc. or as directed.	0.30	Cu.M	9823.00	2946.90

T.I. No.	DESCRIPTION OF ITEM	QUANTITY.	UNIT	RATE	AMOUNT
8.00	Brick work in half brick thick walls in partitions, etc. in Cement mortar (1:4). The partition wall shall be provided with 75 mm thick concrete band at every 1 mtr interval When the partition wall is not touching the soffit of beam or slab, a concrete band 75 mm thick shall be provided over the partition wall. Rate including scaffolding. The concrete band shall be measured and paid separately in respective tender item. The steel shall be measured and paid separately in respective tender item.- in superstructure above plinth level.	30.00	Sq.M	1084.00	32520.00
9.00	Woodwork (Sal wood) of any section for any type of works i.e. door and window frames, shelves, any type of framing etc including fitting, fixing and jamming with cement concrete 1:2:4 where required with applying all fixing materials i.e. holdfasts, clamps, brackets, cutting walls etc everything as per direction including a protective coat of anti-termite solution etc as directed.	0.30	Cu.M	107877.00	32363.10
10.00	Providing and fixing 40mm thick (approx.) with 19mm thick panel 2nd class Teak Wood Panelled Door/ Window Shutters to match with the existing finish including 03 Nos 100 mm long Stainless steel hinges and taking out the damaged shutter, if any, etc with door styles and top rail 100mm, lock rail 150mm and bottom rail 200mm, Window style and rails 75 mm and mullions 75 mm.	3.00	Sq.M	4807.00	14421.00
11.00	Providing and fixing ISI marked 35 mm flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak three ply veneering with vertical grains or cross bands and face veneers on both faces of shutters including taking out the old shutter & removing and refixing of old hardware fittings to the new door as per direction. The door shall be provided with 30 x 6 mm beading on all sides of the Door shutter. The door shall be fixed using 3 No 304 grade S.S. Butt Hinges of 127 x 89 x 3 mm size with ball bearing.	12.00	Sq.M	3351.00	40212.00
12.00	Providing and fixing 40mm thick (approx.) 2nd class Teak Wood Glazed Door/ Window Shutters to match with the existing finish including 3 nos 100 mm long Stainless Steel hinges and taking out the damaged shutter, if any, including glazing 4mm thick fixed with Teak Wood moulded beading of required size on both sides etc with door styles and top rail 100mm, lock rail 150mm and bottom rail 200mm , Window style and rails 75 mm and mullions 75 mm.	4.00	Sq.M	4617.00	18468.00
13.00	Only taking out door/window shutter with frame upto area 5 Sq.m and stacking the same including mending good the damages matching with the existing finish.	12.00	No.	110.00	1320.00
14.00	Repairing with necessary screws, pins etc, easing / adjusting doors / windows shutters of any type, size and thickness including taking out and refixing the shutter				
a)	Door Repairing	6.00	No.	94.00	564.00
b)	Window Repairing	6.00	No.	77.00	462.00

T.I. No.	DESCRIPTION OF ITEM	QUANTITY.	UNIT	RATE	AMOUNT
15.00	Woodwork (Gamari Wood) of any section for any type of works i.e. door and window frames, shelves, any type of framing etc including fitting, fixing and jamming with cement concrete 1:2:4 where required with applying all fixing materials i.e. holdfasts, clamps, brackets, cutting walls etc everything as per direction including a protective coat of anti-termite solution etc as directed.	0.10	Cu.M	69135.00	6913.50
16.00	Providing and fixing 50 mm X 18 mm TW moulded beading of approved design including cost of melamine polish as directed	50.00	R.M.	167.00	8350.00
17.00	Providing and fixing 25 mm X 25 mm TW moulded beading of approved design including cost of melamine polish as directed	30.00	R.M.	120.00	3600.00
18.00	Providing and fixing 19mm thick BWR Block Board of approved quality including TW lipping on exposed faces, all fixing materials, adhesives etc including wastages and taking out damaged ply from shutter/ partitions etc, if any	10.00	Sq.M	1839.00	18390.00
19 (a)	Providing, fitting and fixing decorative laminated sheet 1.0 mm thick to the new or old wooden surfaces including scrapping and preparation of the surfaces, adhesive materials, nails, screws, packings, if required etc complete all as per direction	50.00	Sq.M	873.00	43650.00
19 (b)	Providing and fixing good quality 3D wall paper as per direction of Engineer Incharge . Basic Rate - 170/ Sq.foot	10.00	Sqm	2300.00	23000.00
20.00	Providing, fitting and fixing balancer laminated sheet of 0.8 mm thick to the new or old wooden surfaces including scrapping and preparation of the surfaces, adhesive materials, nails, screws, packings, if required etc complete all as per direction	50.00	Sq.M	644.00	32200.00
21.00	Providing and fixing wall panelling of minimum 10mm thick Conwood board or equivalent quality (Array N and Array W or similar pattern) direct fixing on wall including fixing of hilux screws, applying putty, special jointing chemical with finishing of two or more coat of Rayal Shine painting over a coat of priming. The top surface of cladding shall be finished with laquor polish for shining the wall etc. complete.	5.00	Sq.M	4159.00	20795.00
22.00	Internal Cement Plaster in cement mortar not less than 6mm thick smooth finish to soffits of R.C.C. slabs in cement mortar 1:4 mix.	15.00	Sq.M	219.00	3285.00
23.00	Internal Cement Plaster 1:6, 12mm thick smooth finish to brick / Cement concrete work (excluding R.C.C. slab soffits) including taking out old plaster, if any.	40.00	Sq.M	254.00	10160.00
24.00	Internal Cement Plaster 1:4, 15mm thick smooth finish to brick / Cement concrete work (excluding R.C.C. slab soffits) including taking out old plaster, if any.	40.00	Sq.M	307.00	12280.00
25.00	Providing and laying 2 coats flexible waterproof coating such as 'Sika Latex Power' or equivalent admixed with Portland cement as per manufacturers specification.	10.00	Sq.M	99.00	990.00
26.00	Providing Birla wall care putty at least 1mm thick to walls, soffits of beams & slabs etc. after preparation of base as per manufacturer specification.	300.00	Sq.M	131.00	39300.00

T.I. No.	DESCRIPTION OF ITEM	QUANTITY.	UNIT	RATE	AMOUNT
27.00	Removing the door including shutters from its position without damaging the holdfast and refixing in new position with cement concrete 1:2 :4 and mending good all the damages with existing finish:	2.00	No.	548.00	1096.00
28.00	Providing & erecting single layer at all height suspended ceiling which includes G.I. perimeter channels (of make GYPSTEEL or equivalent) of size 0.55 mm thick having one flange of 20mm and another flange of 30mm and a web of 27 mm along with perimeter of ceiling, screw fixed to brick wall/partition with the help of nylon sleeves and screws, at 610 mm centers. Then suspending G.I. intermediate channels of size 45mm 0.9mm thick with two flanges of 15mm each from the soffit at 1220 centre's with ceiling angle of width 25mm X 10mm X 0.55 mm thick fixed to soffit with G.I. cleat and steel expansion fasteners. Ceiling section of 0.55 mm thickness having knurled web of 51.5 mm and two flanges of 26mm each with lips of 10.5mm are then fixed to the intermediate channel with the help of connecting clip and in direction perpendicular to the intermediate channel at 457mm centers. The rates including providing & fixing 12.5mm tapered edge GYPSUM board (conforming to IS: 2095 – 1982 & 2542 – 1981) is then screw fixed to ceiling section with 25mm drywall screws at 230mm centers. Screw fixing is done mechanically either with screw driver or drilling machine with suitable mechanically either with screw driver or drilling machine with suitable attachment.....	300.00	Sq.M	1106.00	331800.00
Extra channels will be provided at drops for which no extra cost will be paid. . (Note : only plan area shall be measured for payment. Drops below AC ducts of any depth shall not be measured for payment. The drops for design purposes which are provided as directed will be measured				
29.00	Providing and fixing 6mm thick BWR ply (IS-303:1989) of approved quality including all fixing materials, adhesives etc including wastages and taking out damaged ply from shutter.	25.00	Sq.M	829.00	20725.00
30.00	Providing and fixing 9mm thick BWR ply (IS-303:1989) of approved quality including all fixing materials, adhesives etc including wastages and taking out damaged ply from shutter.	5.00	Sq.M	988.00	4940.00
31.00	Providing and fixing 12 mm thick BWR ply (IS-303:1989)of approved quality including all fixing materials, adhesives etc including wastages and taking out damaged ply from shutter.	25.00	Sq.M	1167.00	29175.00
32.00	Providing and fixing 19 mm thick BWR ply (IS-303:1989)of approved quality including all fixing materials, adhesives etc including wastages and taking out damaged ply from shutter.	40.00	Sq.M	1706.00	68240.00
33.00	Providing and laying joint free Ceramic tiles of premium quality of any size upto size 300x450/300x600 and make as approved by LICI in dado/ skirting over cement mortar backing upto 12mm thick in prop 1:3 and fixing the tiles with neat cement float and 4 nos of key stones (10mm) fixed with araldite at the back of each tile and filling the joints with white cement and pigment, including removing and taking out the old damaged tiles etc complete as per direction. (Tiles thickness to be specified by the manufacturer) (Basic price Rs.425 per Sqm excluding GST)	45.00	Sq.M	1210.00	54450.00

T.I. No.	DESCRIPTION OF ITEM	QUANTITY.	UNIT	RATE	AMOUNT
34.00	Providing and laying premium quality (super glossy/ full body/double charge) vitrified tiles of approved make (Tiles thickness to be specified by the manufacturer) of size 600mmx600mm of approved shade and pattern in flooring / 600mm x 150mm in skirting fixed with approved quality Tiles adhesive on existing floor or with cement sand mortar 1:3 making surface etc and joint finishing with white cement incld approved colour pigment to match with the tiles shade. (Basic price Rs.645 per Sqm excluding GST)	300.00	Sq.M	1671.00	501300.00
35.00	Providing and applying synthetic enamel paint (1st quality) of approved make and shade to doors/ windows/ partitions etc including scrapping and preparing the surfaces complete and cleaning of floor, glasses etc all as required.	100.00	Sq.M	117.00	11700.00
36.00	Providing and applying Two coats with uniform finish Acrylic Emulsion Paint of approved brand and shade after scrapping/ cleaning the old surfaces including a coat of primer after preparing the base complete as per direction to walls, columns etc including cleaning of floors and glasses etc all complete.	200.00	Sq.M	124.00	24800.00
37.00	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers pecifications :old work (Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm). Painting quality shall be Royal Shine finish of ASIAN PAINTS or equivalent.	700.00	Sq.M	138.00	96600.00
38.00	Providing and fixing 4mm thick clear/float sheet glass to door/ window / partition etc including taking out damaged broken glass panes and fixing new glass panes with good quality putty, nails, TW beads as required of required size and painting etc complete as per direction :	4.00	Sq.M	1713.00	6852.00
39.00	Providing and fixing 4mm thick pin headed/frosted glass to door/ window / partition etc including taking out damaged broken glass panes and fixing new glass panes with good quality putty, nails, TW beads as required of required size and painting etc complete as per direction :	2.00	Sq.M	1917.00	3834.00
40.00	Providing and fixing decorative mouldings/ cornices of Plaster of Paris of approved design complete including painting two or more coats of acrylic distemper of approved make and shade over a coat of primer etc complete.				
a)	150mm to 100mm wide	50.00	R.M.	213.00	10650.00
b)	75mm to 38mm wide	30.00	R.M.	161.00	4830.00
41.00	Providing and fixing 25 mm dia (heavy type) chromium plated brass curtain rod having wall thickness of 1.25mm with two chromium plated brass brackets fixed with C.P. brass screws and PVC sleeves etc., wherever necessary complete	38.00	R.M.	507.00	19266.00
42.00	Supplying and laying the 20mm thick (Minimum) Cuddapah Stone, machine cut, machine polished as required for Kitchen Platform including necessary cement mortar 1:4, cement punning, adhesive materials etc all as per direction.	7.00	Sq.M	1136.00	7952.00

T.I. No.	DESCRIPTION OF ITEM	QUANTITY.	UNIT	RATE	AMOUNT
43.00	Supplying and laying 16 mm th (minimum) Granite stone, machine cut, machine polished etc	6.00	Sqm	4565.00	27390.00
44.00	Providing edge moulding to 16 mm thick Granite stone counter. Treads etc. including machine polishing to edge to give high gloss finish etc. complete as per design approver by Engineer-in-Charge	10.00	R.M.	404.00	4040.00
45.00	Transportation charges for carting away the waste debris excess excavated earth etc cropped up due to schedule item no.1,2,4,5,6 etc to KMC/local authority's dumpyeard etc complete. (One Unit = 5 cum or part of it)	2.00	No.	1650.00	3300.00
46.00	For attending various miscellaneous repairs and maintenance jobs, charges of following are to be paid as under :				
(i)	Unskilled coolie / majdoor	2.00	No.	614.00	1228.00
(ii)	Mason/ Carpenter/ Plumber (Semi skilled)miscellaneous	2.00	No.	747.00	1494.00
47.00	Providing & fixing Roller Blinds (Basic price- Rs.1200.00/ Sqm) of required size width of approved shade and design including channel, fixed the channel as per site condition and manufacturers specifications of approved make.	10.00	Sq.M	1942.00	19420.00
48.00	Prime Cost item for providing of Hardware fittings and fixtures as per direction and as approved. The original purchase voucher / cash memo has to be produced for reimbursement.		L.S.		50000.00
49.00	Fitting and fixing of the Hardware fittings including all fixing materials such as screws, nails, adhesive etc, all labour charges and profit and overhead expenses of T.I. No. 48	50000.00	%	25.00	12500.00
PART "B" (Sanitary & Plumbing works)					
50.00	Pedestal Wash basin, size 560 x 430 mm x 820mm with single/double tap hole complete with C.P. 32 mm. dia waste couplings and including fitting/ fixture etc. complete but excluding pillar cocks. (Similar to Constellation series, Cat. No. 10032/11010 of Hindware) complete.	2.00	No.	5,830.00	11,660.00
51.00	Supplying, fitting, fixing of Stainless steel sink (Nirali, Padmini) with waste fittings & two coats of paint to C.I. brackets. (Overall Size 610 X 460 mm with Bowl depth 254mm)	1.00	No.	11,215.00	11,215.00
52.00	Supplying & fitting best quality Indian make mirror 5.0 mm. thick with silvering as per ISI specifications with 6 mm tk. Hardboard / A.C sheet backing fixed with brass screws at four point of size 550mm X400 mm.	1.50	Sqm	4,747.00	7,120.50
53.00	Supply and fixing C.P. towel rail 20mm. dia. with two brackets 600mm. Long.- Jaquar Make	3.00	No.	1,903.00	5,709.00
54.00	Supply and fixing 20mm. Dia Peet's pattern G.M. gate valve full way opening (Leader Brand) with wheel(heavy quality) etc. complete.	2.00	No.	1,345.00	2,690.00
55.00	Supply and fixing 25mm. Dia Peet's pattern G.M. gate valve full way opening (Leader Brand) with wheel(heavy quality) etc. complete.	1.00	No.	1,616.00	1,616.00

T.I. No.	DESCRIPTION OF ITEM	QUANTITY.	UNIT	RATE	AMOUNT
56.00	Providing & fixing 20 mm nominal dia. Chlorinated Polyvinyl Chloride (CPVC) pipes, (medium duty, SDR 11.0 as per I.S.- 15778 & ASTM D- 2846) including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing.	30.00	R.M.	296.00	8,880.00
57.00	Providing and fixing 40mm nominal dia UPVC pipe light duty, Schedule -40 for Waste line.	15.00	R.M.	337.00	5,055.00
58.00	Providing and fixing 15mm. Dia G.I. pipe medium quality with C.I. or M.S. clamps including all specials G.I. fittings and painting etc. complete.	8.00	R.M.	332.00	2,656.00
59.00	Providing and fixing 20mm. Dia G.I. pipe medium quality with C.I. or M.S. clamps including all specials G.I. fittings and painting etc. complete.	62.00	R.M.	397.00	24,614.00
60.00	Providing and fixing 25mm. Dia G.I. pipe medium quality with C.I. or M.S. clamps including all specials G.I. fittings and painting etc. complete.	62.00	R.M.	501.00	31,062.00
61.00	Cost for cutting chase of suitable size through walls/floors, laying pipes including fittings, mending good the damages with cement sand mortar matching with the existing finish.(Cost of pipe will be paid separately)	52.00	R.M.	72.00	3,744.00
62.00	Providing and fixing Alkathene /Polythene pipe 32 mm. to 50 mm. dia upto 1.20 mtr. long with one end PVC coupling jointed for basin/sink etc. including clamp.	4.00	No.	90.00	360.00
63.00	C.P. Grating (125 mm. dia)/ heavy duty.	4.00	No.	138.00	552.00
64.00	Providing and laying P.C.C (1:2:4) with cement sand & stone chips with admixture of water proofing compound as per manufacturer's specification consolidating leveling curing etc. complete.	1.00	Cu.M.	7,543.00	7,543.00
65.00	Providing and laying joint free Ceramic tiles of premium quality of any size upto size 300x450 and make as approved by LICl in dado/ skirting over cement mortar backing upto 12mm thick in prop 1:3 and fixing the tiles with neat cement float and filling the joints with white cement and pigment, taking out the old damaged tiles etc complete as per direction.	45.00	Sq.M.	1,210.00	54,450.00
66.00	Transportation charges for carting away the waster debris/excavated earth etc. beyond 50 meters lead and outside the LICl premises etc. complete. (one unit = 5 Cu.M. or part of it).	3.00	One unit	1,650.00	4,950.00
67.00	Arrangement of scaffolding / staging with working platform etc if required for any type of repairing work including cost of all materials and labour made with 100mm dia bamboos/				-
a)	Beyond 8.00metres height of the building upto 20 meters height of the building.	72.00	Sq.M.	59.00	4,248.00
(b)	-Do- as above but from 20.00metres to 30.00 meters of the height of the building.	48.00	Sq.M.	67.00	3,216.00
68.00	Providing & fixing 100 mm dia centrifugally cast(spun) iron socket & spigot (S&S) pipe as per IS: 3989- 3.00 long pipe	12.00	RM	1,593.00	19,116.00
69.00	Providing & fixing 100 mm dia centrifugally cast(spun) iron socket & spigot (S&S) pipe as per IS: 3989- 450 mm long pipe	14.00	RM	2,581.00	36,134.00

T.I. No.	DESCRIPTION OF ITEM	QUANTITY.	UNIT	RATE	AMOUNT
70.00	Providing & fixing 100 mm dia centrifugally cast(spun) iron junction Tee as per IS: 3989.	12.00	Each	1,109.00	13,308.00
71.00	Providing and laying Anti- skid Ceramic tiles in flooring (joint free/Rectified) of size 300x300 mm/ 450mmx450mm/ 600mmx600mm /600mm x1200 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigments etc., complete (Basic Rate:Rs.50.00 per Sqft)	20.00	Sqm	1,568.00	31,360.00
72.00	Providing & fixing Chrome plated (C.P.) brass glass shelf 600 mm long. ---Jaquar (Basic Rate Rs.1100/-)	3.00	each	1,924.00	5,772.00
73.00	Providing and fixing Chrome Plated (C.P.) brass Towel Rack.- Jaquar, (Basic Rate Rs. 2600/-)	2.00	each	3,716.00	7,432.00
74.00	Supplying and fixing CP (Chrome plated) brass Soap Dish.- Jaquar - (Basic Rate Rs.1050/-)	3.00	each	1,373.00	4,119.00
75.00	Supplying and fixing CP (Chrome plated) brass Toilet Paper Roll Holder.- Jaquar - (Basic Rate Rs.1725/-)	3.00	Each	2,244.00	6,732.00
76.00	Supplying and fixing CP (Chrome plated) brass towel Ring - Square.- Jaquar - (Basic Rate Rs.2100/-)	2.00	Each	2,727.00	5,454.00
77.00	Providing and fixing C.P. Brass 160mm wall shower rose (Make; Jaquar, Cat. No. OHS1603, Basic Rate: Rs.3900/-) with 20mm inlet & 180mm long shower Arm (Make; Jaquar, Cat. No. SHA477, Basic Rate: Rs.650/-).	3.00	each	5,893.00	17,679.00
78.00	Providing and fixing C.P. brass angular stop cock of approved quality conforming to IS:8931 a) 15 mm nominal bore- Jaquar Make: FLR5053N(Basic Rate Rs. 1200/-)	18.00	each	1,570.00	28,260.00
79.00	Providing and fixing C.P. brass two way bib cock (Make : Jaquar, cat No. FLR5041N, Price: 2175/- or equivalent) with hand shower (Jaquar, basic Price: Rs.1625/ or equivalent-)of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	3.00	each	4,939.00	14,817.00
80.00	Providing and fixing C.P. brass swang neck cock from wall at Kitchen of approved quality conforming to IS standards and weighing not less than 810 gms. 15 mm nominal bore. Jaquar(Cat. No. FLR5347N, Basic Rate Rs.2100/-)	1.00	each	2,746.00	2,746.00
81.00	Providing & fixing 15mm dia CP brass of approved brand wall mixture (make: Jaquar, Product Code: FLR5281N, Basic Price Rs.6650/- with telephone shower (Make: Jaquar, Product Code: HSH1653, Basic Price Rs. 2000/-) with Tube (make Jaquar, Product Code: SHA549D8, Basic Price Rs.1000/-) and holding wall bracket (Make: Jaquar, Product Code:SHA555, Basic Price Rs. 550/-) of telephone shower three in one.	3.00	Nos.	13,252.00	39,756.00

T.I. No.	DESCRIPTION OF ITEM	QUANTITY.	UNIT	RATE	AMOUNT
82.00	Supply and fixing C.P.Brass connector pipe upto 750 long.	10.00	No.	165.00	1,650.00
83.00	Supply and fixing 15mm. Dia C.P. extension piece	16.00	No.	133.00	2,128.00
84.00	Supply and fixing 15mm. Dia C.P. wall flange heavy type	16.00	No.	33.00	528.00
85.00	Prime Cost item for providing of Hardware fittings and fixtures as per direction and as approved. The original purchase voucher / cash memo has to be produced for reimbursement.		L.S.		43500.00
86.00	Fitting and fixing of the Hardware fittings including all fixing materials such as screws, nails, adhesive etc, all labour charges and profit and overhead expenses of T.I. No.85	43500.00	%	25.00	10875.00
	ELECTRICAL WORKS:				
87.00	MCB DB FOR LIGHTING DB/RAW POWER/UPS DB				
a)	Supplying and fixing of 12-Way SPN MCB DB as above with 1No. 32A DP RCBO of 300mA as incomer and 8Nos.6-32A SPMCB on outgoing for Lightng /Raw power circuits including dummy plate & Wall Fan.	2.00	Set	8506.00	17012.00
b)	Supplying and fixing of following ways surface/ recess mounting, vertical type, 4+12 WAY, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs with provision of 125 Amps MCCB as incomer, interconnection between incomer MCCB and bus bars (but without MCBs and MCCB) as required.	1.00	Set	6587.00	6587.00
c)	Supplying and fixing of 12-Way SPN MCB DB as above with 1No. 32A DP MCB as incomer and 10Nos.6-32A SPMCB on outgoing.	1.00	set	5720.00	5720.00
d)	Supplying and fixing of following rating, 240/415 volts, 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.				
(i)	6/ 10/ 16/ 20/ 25/32 Amp Single pole	10.00	Each	224.00	2240.00
(ii)	6/10/16/ 20/ 25/ 32 Amp Double Pole	10.00	Each	525.00	5250.00
(iii)	40/ 63 Amp Double pole	5.00	Each	1071.00	5355.00
(iv)	40/ 63 Amp Triple pole & Neutral / Four pole	5.00	Each	2063.00	10315.00
V)	4-way TPNDDB with 1No.63A, FP MCB as incomer and 6nos.32A 10KA DP MCB as outgoing for light Raw power	1.00	Set	12162.00	12162.00
Vi)	4 Pole MCB Box with out MCB	2.00	Each	834.00	1668.00
vii)	MCCB Box upto 100 Amp	1.00	Each	2197.00	2197.00
Viii)	FP MCCB 63/ 100 Amp 30 KA "C" Curve	2.00	Each	7449.00	14898.00
88.00	POWER CABLES FOR SWITCHGEARS: Supply & laying (clamped with saddle or as directed by LIC engineer of following XLPE insulated pvc sheated aluminium conductor armoured cable of 1.1 KV grade with 2x10 swg GI earth wire				
i)	4 Core X 4.0 sq.mm. Al Conductor cable along-with 2run 12SWG GI wire as earthing on surface/wall with accessories, termination with copper Lugs,glands etc. complete in all respect..	15.00	471.00	Mtr	7065.00
ii)	4 Core Al X 25.0sq.mm.	15.00	385.00	Mtr	5775.00
iii)	3.5 Core Al X 35.0sq.mm.	50.00	450.00	Mtr	22500.00
89.00	END TERMINATIONS				

T.I. No.	DESCRIPTION OF ITEM	QUANTITY.	UNIT	RATE	AMOUNT
	Providing & making End Terminations with brass compression gland and aluminium lugs for following size PVC Sheathed /XLPE aluminium conductor cable of 1.1 KV grade as required				
i)	Up to 3.5 Core X 35.0sq.mm.	12.00	324.00	Each	3888.00
90.00	SUB-MAINS FOR LIGHT/UPS DB				
	Supply & laying of 1.1kV grade FRLS PVC insulated multistranded Cu. wire for following items in 25/32/40mm. dia. HMS FRLS PVC conduit with accessories. incl. end termination with suitable copper lugs of appropriate size neatly crimped . Rate to include for concealing the conduits wherever neccessary by chopping the wall and making good the damage or on surface with clamps , spacers etc				
a)	2Run x 2.5 sq.mm + 1Run x 1.5sq mm	150.00	241.00	RM	36150.00
b)	2Run x 4.0sq.mm + 1Run x 2.5sq mm	150.00	293.00	RM	43950.00
c)	2Run x 6.0sq.mm. + 1Run x 4.0 sq.mm	100.00	385.00	RM	38500.00
d)	3Run 1.5 sq.mm. wire.	50.00	204.00	RM	10200.00
e)	1 Run 1.5 Sqmm wire	50.00	71.00	RM	3550.00
91.00	POINT WIRINGS/CIRCUIT WIRINGS				
a)	The circuit wiring for the points to be carried out with 3 x 2.5sqmm FRLS Cu. Conductor multistranded PVC insulated wires in 25mm. dia. HMS PVC conduits with accessories to be laid partly on wall/ surface, concealed, from the DB to SB. Rate is included for all junction boxes with 3mm. hylam cover for change of direction of conduit incl.MS J.Box.The concealed portion is to made good after chasing of wall/surface.	90.00	1286.00	Pt	115740.00
	Providing one light , Ceiling & exhaust fans point, wiring with 3 runs of 1.5 sqmm Flame Retardant low smoke PVC insulated multistrand copper wires in 20 / 25mm dia heavy duty FRLS PVC conduit/casing capping with acc., in false ceiling / partitions. The point shall be controlled by 6A SP switch with switch , cover plate, M.S /PVC box etc of MODULAR accessories including ceiling rose3p/holder or direct to fitting as directed with required junction box & dummies /plates. Rate to include for chasing the wall /surface/ concealing the conduit and making good& below false ceiling or drawing in existing conduit/ casing - capping , concealed or surface. Please note that the rate of point wiring is inclusive of Circuit wiring as per specification mentioned above.				
b)	Wiring for group controlled (looped) light point / fan point/ call bell point (without independent switch etc.) with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable in surface / recessed PVC conduit, and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	25.00	752.00	pt	18800.00

T.I. No.	DESCRIPTION OF ITEM	QUANTITY.	UNIT	RATE	AMOUNT
c)	Wiring for twin control light point with 3 x 1.5 Sq.mm FRLS PVC insulated copper conductor single core multistrand cable in surface / recessed medium class PVC conduit/ medium class PVC casing & capping, 2 way modular type switch, plate etc, suitable size MS/PVC box and earthing the point with 2.5 Sq.mm. FRLS PVC insulated copper conductor single core multistrand cable etc as required.	10.00	1277.00	Pt	12770.00
d)	- do - as above but wiring for buzzer points including bell push, buzzer, switch plate and separate PVC surface type / Metallic recessed type Switch Board, for buzzer Supplying and fixing of multi tune door bell suitable for single phase, 230 volts, complete as required.	1.00	1647.00	pt	1647.00
93.00	Same as above in light point wiring, but including providing 1 No. 6A, 5 pin socket modular with 1 No. 6A SP Switch in concealed MS/PVC box, switch plate, cover plate on the same switch. board.	17.00	418.00	pt	7106.00
94.00	INDEPENDENT PLUG POINT				
(a)	Same as above in light point wiring, but including providing 1 No. 6A, 5 pin modular socket with 1 No. 6A SP modular switch. in concealed MS/PVC box, switch plate, cover plate and for Pedestal Fan /Mobile charging point/Other application at appropriate height as directed . .	15.00	888.00	pt	13320.00
(b)	Providing wiring for RAW Power outlet points with 2x4 sq mm & 1x2.5 sq mm Fire Retardant low smoke PVC	10.00	1750.00	Pt	17500.00
	Laptop/TV etc POINT				
(c)	Providing wiring for from DB/UPS outlet points with 3 x 2.5Sqmm. FRLS PVC insulated 1.1KV Cu. conductor multi-stranded wires in 20/25mm dia, HMS FRLS PVC conduit/casing-capping with accessories run above false ceiling and partitions/wall/floor incl. supply & fixing 3Nos. 6A, 5pin Socket with 1No. 16A Switch with MS/PVC box, cover plate of Modular type for the points. Max. two circuits in each conduit is to be drawn from DB.	3.00	2784.00	No.	8352.00
95.00	Supply & fixing of MCB protected power unit(20 A/25 A) for AC on surface /recess complete with suitable size GI/PVC Box with modular plate and cover including MCB, starter , socket , plug top connection etc complete as required(Havells make cat no DHUCDP0253020 /Cat No DHUCDP0253025 or its equivalent approved make)	4.00	1815.00	No.	7260.00
96.00	FITTINGS & FIXTURES				
(a)	Supply and Fixing of recess mounted round DuraSlim 15W LED down light fittings of Philips or its equivalent approved make, complete with LED with optimized heat sink for efficient heat dissipation, In-built electronic driver etc. with all accessories & Connections with 3x1.5Sqmm FRLS cu. wires or as directed(Philips Aura Style -Cool White)	24.00	1476.00	No.	35424.00
(b)	Supply & Fixing of recess mounted slim high efficiency LED Fitting of size of minimum 595 mm x 595 mm of 36 W, complete with LED with optimized heat sink for efficient heat dissipation, electronic driver etc. with all accessories & metal chain for hanging, connections (Cat No.RC360BLED36S of Philips or its equivalent approved make)	30.00	2500.00	Set	75000.00

T.I. No.	DESCRIPTION OF ITEM	QUANTITY.	UNIT	RATE	AMOUNT
(c)	Supply & fixing of Linea Slim Edge LED Strip (Profile Strip) of Philips or equivalent approved make.	45.00	426.00	Mtr	19170.00
(d)	Supply & fixing of Blue Strip LED Strip(Profile Strip) of Philips or equivalent approved make.	45.00	466.00	Mtr	20970.00
(e)	Supply & fixing of recess mounted round Deco COB Downlight of 7W complete with lamp with optimized heat sink for efficient heat dissipation,electronic driver etc. including connections. Of Philips or equivalent approved make)	15.00	1476.00	No.	22140.00
(f)	Supply & fixing of recess type COB fitting of 1/2W with all accessories of Philips or equivalent make.	15.00	286.00	No.	4290.00
(g)	Supply and fixing of deep recessed Spot Light fitting (Model No. Astra COB Pro) with LED of 3.0W, complete with connection of Philips or its equivalent make.	10.00	473.00	No.	4730.00
(h)	Supply & Fixing of Surface Mounted 2Ft. 20 Watt LED light fittings including all accessories connections.(Cat. No. BN021 LED20S -6500 PSU GR of Philips or equivalent make)	5.00	664.00	No.	3320.00
(i)	Supply and fixing of high efficacy integrated 40Watt LED Box type fittings with LED light of Philips or equivalent make (cat ref. No. BN021 LED40S -6500 PSU GR, including all connections.	10.00	1107.00	No.	11070.00
(j)	Supply and fixing of deep recessed Spot Light fitting (Model No. COB Pro) with LED of 7.0W, complete with connection of Philips or its equivalent make.	3.00	1360.00	No.	4080.00
(k)	Supply and fixing of 10 Watt wall bracket light (Philips Mod No. 58184 cool white)	6.00	2178.00	No.	13068.00
(l)	Installation Testing and commissioning of Pre-wired light fittings of all types with 2nos. painted 20mm. Dia., 1.6mm. Thick MS Downrod of 30cm length, ball sockets etc. complete.in all respect.	10.00	413.00	No.	4130.00
(m)	Supply ,Installation Testing and commissioning of Step type two module Electronic ceiling fan regulator(in existing switch box including connection as required.	5.00	324.00	No.	1620.00
(n)	Supply and fixing of 300mm exhaust fan(Heavy duty) with bird guard with necessary ply & wooden frame work in the toilets / record room with accessories including connections and earthing.	3.00	2074.00	No.	6222.00
(o)	Supply and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	5.00	29.00	No.	145.00
(p)	Supply , Installation,Testing and Commissioning of 1200 mm sweep .BEE 5 Star rated ,Ceiling fan with Brush Less Direct Current (BLDC) Motor,class of insulation B,3 nos blades , 30 cm long down rod , 2 nos canopies ,shakle kit ,safety rope,copper winding , power factor not less than 0.9 , Service Value (CM/M/W) minimum 6.00, Air delivery minimum 210 Cum/Min, 350 RPM (tolerance as per IS:374-2019) THD less than 10% , remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts ,washers, temperature rise-75 degrees C(max) , insulation resistance more than 2 mega ohm ,suitable for 230 V, 50 Hz,single phase AC,supply , earthing etc as required.	20.00	3023.00	No.	60460.00
	EARTHING				

T.I. No.	DESCRIPTION OF ITEM	QUANTITY.	UNIT	RATE	AMOUNT
97.00	Providing GI pipe earthing with 4.5 Mtr. long 40mm dia. B Class GI electrode pipe with holes drilled including charcoal, salt etc., in alternate layers up to the required level, complete earth excavation with brick work masonry chamber, plastering, earth lead connecting strip, funnel set, chamber cover etc. complete as per IS: 3043-1966 or latest. version	2.00	4707.00	No.	9414.00
98.00	Providing and laying of 25 mm x 5 mm G.I. strip at 0.5 mtr below ground as strip earth electrode including connection	50.00	126.00	RM	6300.00
99.00	FRLS & HMS PVC CONDUIT				
a)	Supply & laying HMS FRLS PVC conduit and accessories of following sizes on surface / concealed manner				
b)	25mm dia size	25.00	80.00	RM	2000.00
c)	32 mm dia size	20.00	133.00	RM	2660.00
d)	40 mm dia size	15.00	210.00	RM	3150.00
e)	16 mm dia. Corrugated PVC flexible conduit	30.00	16.00	RM	480.00
f)	25mm dia. Corrugated PVC flexible conduit	100.00	28.00	RM	2800.00
g)	32mm dia. Corrugated PVC flexible conduit	101.00	45.00	RM	4545.00
100.00	Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from ceiling with M.S. suspenders incl. nut-bolts, painting etc as required.				
(a)	150 mm width X 50 mm depth X 1.6 mm thickness	5.00	530.00	Mtr	2650.00
(b)	200 mm width X 50 mm depth X 1.6 mm thickness	5.00	604.00	Mtr	3020.00
101.00	Supplying & fixing of following size MS Junction box (16SWG) with STAINLESS STEEL plate cover shall be provided flush with the floor / floor tiles or as directed including cutting of Floor. Rate top include for cutting the floor and making good the damages.				
(a)	250 x 200 x 50mm	2.00	445.00	No.	890.00
(b)	200 x 150 x 50mm	2.00	380.00	No.	760.00
(c)	150 x 100 x 50 mm	2.00	324.00	No.	648.00
(d)	100 x 100 x 50 mm	2.00	262.00	No.	524.00
(e)	Providing hylam sheet of 1mm thickness (white) with screw washers etc as directed.	100.00	1.00	Sqinch.	100.00
(f)	Supply and fixing extra down rod of 10 cm length G.I. pipe 15 mm dia, heavy gauge including painting etc as required (Note : More than 5 cm length shall be rounded to the nearest 10cm and 5 cm or less shall be ignored)	40.00	46.00	Each	1840.00
102.00	Supply and transporting to site following capacity of storage type geysers (vertical/Horizontal), BEE Three Star rating (Minimum) with features like protection against dry heating, overheating and over pressure and all accessories included as required. (Crompton, Bajaj Venus, Racold) 15 Litres capacity Storage Geyser (Comparable to Crompton make ARNONEO 15-L)	1.00	Each	9292.00	9292.00
103.00	Supply and transporting to site following capacity of storage type geysers (vertical/Horizontal), BEE Three Star rating (Minimum) with features like protection against dry heating, overheating and over pressure and all accessories included as required. (Crompton, Bajaj Venus, Racold) 25 Litres capacity Storage Geyser (Comparable to Crompton make ARNONEO 25-L)	1.00	Each	10454.00	10454.00

T.I. No.	DESCRIPTION OF ITEM	QUANTITY.	UNIT	RATE	AMOUNT
	TOTAL ESTIMATED COST				29,92,882.00
	(Rupees Twenty Nine Lac Ninety Two Thousand Eight Hundred Eighty Two) Only				