

BOQ FOR PROPOSED RENOVATION AND ALTERATION WORK FOR UNITED INDIA INSURANCE CO. LTD AT N.C LEARNING CENTRE, CHENNAI-34
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Grand Summary

S.NO	DESCRIPTIONS	ESTIMATED VALUES
I.	Civil Work	
II.	Electrical Work	
III.	Plumbing work	
IV.	Interior Work	
	TOTAL	

NOTE: EXCLUDING GST

PROPOSED RENOVATION AND ALTERATION WORK FOR UNITED INDIA INSURANCE CO. LTD AT N.C LEARNING CENTRE, CHENNAI-34

S.No.	DESCRIPTION OF WORKS	No	Unit	Quantity	Rate(Exc GST)	Amount(Exc GST)
	CIVIL WORKS					
I.	Dismantling and Demolishing works with Cleaning:					
	<p>Before executing the work the Contractors should Visit the site. The rate should be inclusive of disposal/cart away of debris, wastage, welding chair,green safety fence, lift,necessary scaffolding, labour charge, tools as per the site condition. Removing /Dismantling & Carting Away Debris Carefully removing/ dismantling of existing items listed below for working & compliance of all the activities on site and carting away of debris from site including cleaing the site by the contractor (in case of disposal of debris, all rules & bye laws shall be adhered to by the contractor)</p>					
1	Breaking existing floor tiles / kaddappa/Granite stone and carting away debris including base mortor	1.00	cft	864.00		
2	Demolishing brick wall,lintel,loft supporting things etc					
	Brick wall which includes (lintel and loft)	1.00	Sq mtr	256.81		
	concrete	1.00	Sq.mtr	25.00		
3	Removing windows and debris	20.00	Job	25.00		
4	Removal of existing pipe line with carefull handling for re-use	1.00	Job	2.00		
5	Breaking and removing existing weathering course tiles including base mortar and carting away debris from the site using scaffolding or rope-based lowering system, as the use of lift and staircase is restricted. The scope includes dismantling, careful handling, shifting, and disposal of debris to an approved location, including all necessary labour, equipment, scaffolding, safety arrangements, and transportation as directed by the engineer-in-charge.	1.00	sqft	9,187.59		
6	Dismantling of existing corroded GI pipe line of any diameter including fittings like bends, unions, valves, supports, clamps etc., carefully without damage to structure, stacking serviceable material and disposing unserviceable material as per site requirement	1.00	Rm	70.00		
	Dismantling and Demolishing works with Cleaning Sub total					
II.	Civil Work (Works to be done newly)					
1	ANTI TERMITE TREATEMNT					
	Providing and injecting anti-termite precon struction chemical treatment using suitable emulsiable concentrates at the rate of 7.5 Lts/sqm as per IS 6313 to column pits, Top surface of plinth filling, Junction of wall and floor, soil along external perimeters of building expansion joints.	1	sqm	244.28		

2	concrete work					
a	Area like Providing and laying Plain Cement Concrete (PCC) of mix 1:4:8 (cement: sand: coarse aggregate) using 43 grade cement, sand, and 40 mm size hard broken granite metal of approved quality, laid in layers not exceeding 150 mm thickness in foundation bed, flooring base, or levelling course, including compacting, ramming, curing, watering, all materials, labour, tools and plants, and conveyance complete as per specifications and direction of Engineer-in-charge.	1	cum	82.76		
b	Providing and laying M15 grade concrete (1:2:4) using 20mm graded stone aggregate, coarse sand, and cement, including mixing, laying, compacting with vibrator, curing, and finishing the surface smooth, complete as per site requirement	1	cum	52.50		
c	concrete work Supply & fixing and casting RCC (1:11/2:3) terrace all type works using 20mm and down graded HBG stone jelly including necessary scaffolding, shuttering, vibrating, curing etc. complete for all depths and heights including supplying and fixing cover blocks supply of all materials and labour complete, cutting, bending and tying in position including straightening, Tor Steel deformed bars of Grade Fe-500 for steel reinforcement in R.C.C works, including cost of two strands of 18 SWG GI binding wire etc. complete. The rate to be quoted includes chairs, hooks, overlap, wastage & finished item of work.	1	Cu.m	17.26		
3	Plastering work with cement mortar 1:5 with manufacture sand 15mm thick to brick wall surfaces and concrete columns including hacking to concrete surfaces, brushing cleaning necessary, scaffolding, curing the surface, shall be smoothly finished as per standard specifications including supply of all materials and labour etc. complete. The rate shall include Supplying and fixing of 150mm wide chicken wire mesh of 26 gauge and 15mm mesh size at the junction of different construction materials. Rate should be including water proofing admixtures	1	sq m	953.77		
4	Waterproofing work -Terrace 3rd & 7th, duct, wall					
	Supply & Fixing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terrace etc consisting of following operations:	1	sqm	955.03		
	Clean the surface thoroughly to remove all dirt and loose particles in the slab. Primer Coat - Layer 1: Supplying & Applying of Acrylic latex based waterproofing additive cum bonding agent. (Fosroc/equivalent) Layer 2: Supplying & Applying of two component flexible Acrylic polymer cementitious waterproofing coating.. (Fosroc/equivalent) Layer 3: Supplying & Applying of two component flexible Acrylic polymer cementitious waterproofing coating.. (Fosroc/equivalent)					
	Crack sealing					
	This document provides application instructions for Nitofill UR63, a crack injection resin. Key steps include: 1. Thoroughly preparing cracks by removing debris and sealing crack surfaces.					

	Water Testing					
	Ponding test to be done by retaining water on the waterproofed surface for (Minimum 2 weeks) to check for leakages or seepage					
	Warranty/Guarantee					
	The waterproofing system shall carry a minimum 1-year warranty against leakage, subject to proper application and site conditions as per manufacturer's specification. The waterproofing work value shall be retained by the client during the warranty period and released only upon satisfactory performance at the end					
5	BRICK WORK	1	Cu.mt	78.32		
	Supply and laying good quality (230mm) 9" or (115mm) 4.5" thick brick wall masonry in superstructure in cement mortar 1:5 using approved quality chamber bricks having crushing strength not less than 35 Kg/Sqcm, including scaffolding, raking of joints, staging, curing, and cutting of opening in brick wall for serving hatch as per site requirement , including all tools, labour, and material etc., complete					
6	UPVC window	1	Sft	500.00		
	Removing the existing M.s/Aluminium Windows and refixing the grills by removing the shutters. The rate of item shall include the cost of additional steel rods/flats, welding equipment, labour charges, scaffolding if any, grinding the welded surface to get smooth finish surface, taxes, lead, lift, wastages, transportation, loading, unloading and such other incidental charges to complete the work and making good the surface.					
	UPVC Window supplying and fixing UPVC (Un-PLASTICIZED Polyvinyl chloride) windows of casement type (open) from the profile the size of outer frame 60mmx58mm and shutter profile are reinforcement with gi/1mm 125GSM and 100% corrosion free, the profiles are multi-chambered cv section with wall thick of 2mm. The EPDM rubber (black color) is covered over all the edges of the frame and shutter the shutter will be provided with Espag multi power point locks and it also operates as a handle. The corners and joints should be welded and cleaned. Radiations free pin-headed or plain glass 4mm thick should be provided to the shutter and it should not allow leakage of water even at most ranging storms and should have key lockable action, security protective hinges, strong locking systems, and as per size for arresting noise and energy loss.					
7	Tiles work					
a	Brick jelly concrete laying compacting by using existing brick jelly: Toilet area	1	cum	296.00		

b	Tile Cleaning & Polishing – 7th Floor (If required)	1	sqm	47.16		
	Cleaning and polishing of existing floor tiles at 7th floor level using approved quality non-acidic tile cleaning agents and mechanical buffing/polishing machine. The work includes thorough surface cleaning to remove stains, dirt, cement residues, or paint splashes, followed by polishing using appropriate grade pads to restore surface finish and shine of tiles. The item also includes covering adjacent surfaces to prevent damage, providing safety measures for working at height, transportation of materials and equipment to the 7th floor, scaffolding if required, and disposal of waste material generated during the process. All labour, materials, tools, and cleaning consumables shall be included in the scope. Work shall be carried out in a neat and tidy manner, complete as per site engineer's instructions."					
b	Screed concrete (Terrace 3rd & 7th/ground floor Kitchen)					
	Supply & laying of 50 mm thick screed concrete — Supply and lay 50 mm thick screed concrete on terrace conforming to IS 456 using coarse manufactured sand and graded hard stone aggregate in mix proportion 1:2:4 (1 part cement : 2 parts M-sand : 4 parts aggregate by volume), including cost and conveyance of all materials and labour to site, providing proper bonding to the substrate with neat cement slurry, compacting, screeding and finishing to a smooth, even surface, curing for minimum 7 days, disposal of debris and cleaning on completion. The terrace gutters and fall shall be formed and finished to ensure positive drainage: provide and maintain slope not less than 1:100 (minimum 1%) towards drainage outlets / scuppers (or 1:80 where rapid drainage is required), check and verify falls at high/low points before final finishing, and make good junctions with outlets, scuppers and parapet/roof features. Include making good of adjacent plaster/tiles where affected, protection of finished surface until handing over, and testing by water ponding where specified.	1	cum	176.15		
c	supply and laying Anti skirt Ceramic Tile flooring in toilets/ bath/ WC- including of the required colour laid on 25 to 30mm thk. bed of backing 1:4 cement mortar (1 cement : 4 coarse sand) in proper slope, line and level including neat white cement float, filling joints with neat epoxy grout with 3mm spacer, of appropriate colour, curing and cleaning Tiles shall be free of any variation in colour or texture as directed and instructed by Architect/ Engineer/ Client. Basic cost of tiles – Rs. 70/- per sft) of approved make & size (250mm x 250mm) & (300mm x 600mm)	1	sqft	336.00		
d	Supply and laying 9mm thk. approved Matt finish 1st quality Premium Vitrified Tiles (double charged) of approved make and shade of size 600mm x 600mm x 9mm thk (Min) including of the required colour laid on 25 to 30mm thk. bed of backing 1:4 cement mortar (1 cement : 4 coarse sand) in proper slope, line and level including neat white cement float, filling joints with epoxy grouting and 3mm spacer , of appropriate colour, curing and cleaning Tiles shall be free of any variation in colour or texture as directed and instructed by Architect/ Engineer/ Client. The cost to include sealer treatment. Basic cost of tiles – Rs.85/- per sft)	1	sqft	2,589.00		
e	Wall Skirting using Vitrified tiles: Description same as above except no PCC (M10) to be provided. The item shall be inclusive of providing backing plaster and leveling course. The height of skirting shall be 100 mm & tile area shall only be considered for measurements in sq. meter	1	sqft	69.96		

f	Soil Filling					
	Area :Staff Room and Chief Room,Supply and filling with approved soil/sand in layers (150mm to 600mm) incl. watering, ramming.Compaction with plate vibrator / manual ramming.Final levelling and surface preparation	1	cum	47.33		
8	Granite	1	sqm	8.36		
	Kitchen counter top - Providing & fixing of min 18 mm thick polished black granite sill of 75mm width at door (floor level). The nominal length varies from 2'6" to 3'0" & granite sill for each door must be made of single piece (not with multiple jointed pieces) and firmly fixed to the floor after cutting the groove in floor, using necessary cement mortar & adhesives/ resins. The item shall include the top edges rounding both sides.					
	Supply & Laying 18mm thick machine polished Jet black Granite or equivalent dark shade laid over the prepared floor/wooden surface using cement mortar, adhesives with full edge moulding, etc including cutting, making grooves in the wall and making good the surface. Measurement shall be plan area (Top)					
	Kitchen platform of 60 cms width (clear) with opening for flexible gas pipe connection and provision for modular kitchen units					
9	Room Door (wpc)	6	nos	17.50		
	supply and fixing doors as per drawings with WPC solid 3layer and ISI marked flush door shutters of 32 mm thick single shutter.the rate inclusive necessary hardwares like hinges, aldrops, tower bolt , handles ,door stopper , frame to be finished fith enamel paint					
11	Refixing of Door					
	Carefully removing the existing door shutter with frame from its existing position, and refixing the same in new brickwork including necessary cutting, chasing, fixing frame with holdfasts, making good the brickwork and plastering around the frame, refixing existing shutter with all fittings or providing new fittings as required, aligning properly, planing edges if necessary, and painting/polishing the entire door and frame with two coats of synthetic enamel paint over one coat of primer, complete in all respects as directed by Engineer-in-Charge.	1	nos	8		
12	Sidewalk Drainage Cover					
	Providing and fixing sidewalk drainage cover of 300x450mm "Grândola" or equivalent, manufactured from GJS-500 (also known as GGG50) continuously cast spheroidal graphite iron, strong and heat-resistant, suitable for heavy-duty pedestrian/sidewalk drainage applications, including frame, grating, and all necessary fixing accessories, complete as per site requirements.	1	nos	4		

13	White tile (Racotiles) or Equivalent					
	Providing & laying of white tile of size 250mmx250mm or 250mm x 300mm at a thickness of 10 mm with 1:5 mortar ratio as per the instruction of engineer incharge and provide spacer with epoxy,skirting area as included as per the specification . Basic cost of tiles – Rs.60/- per sft	1	sft	9187.59		
14	MS (Mild Steel) stage/platform for AC outdoor units					
	Providing, fabricating, supplying, and installing Mild Steel (MS) staging structure on the terrace for mounting Nos. split AC outdoor units available are kept in between RCC columns spaced approximately apart, including structural design and execution. The staging shall be fabricated using ISMC 100/ISMB 100/ISA sections with necessary cutting, welding, grinding, and jointing. The structure shall be designed to support AC units , with MS base plates, anchor bolts, and proper grouting on the terrace slab /column. The entire MS surface shall be cleaned and coated with one coat of red oxide primer and two coats of synthetic enamel paint. Includes necessary accessories such as rubber vibration pads, MS angles for unit holding, fixing bolts/nuts/washers, and complete lifting, transportation, and installation at terrace level. All materials and work shall conform to relevant IS standards. Approximate quantity of MS to be used shall be calculated as per site condition and structural requirement. Payment shall be made per kg of MS fabricated and fixed, including all labour, materials, tools, and taxes, with provision for all outdoor units in total	1	kg	975.12		
	Civil work sub total					
III.	Painting work (incl.Ground,2nd &7th floor)					
	Supply and applying premium emulsion paint of approved brand and colour to all interior surfaces such as walls, columns, ceiling, etc. two or more coats (over a coat of primer including acrylic based putty)after scraping and cleaning the surface complete as per manufacturers specification and as directed and instructed by Architect/ Engineer. Paint should be low of VOC type for Head room, Lift lobby, Common area, car parking, column and beams etc.including rubbing with and paper, scaffolding etc. paint:-Berger, Asian, Birla Opus					
a	Damp Proof Coating - Full Area Asian Paints Smart Care Damp Proof (2 coats) with surface preparation on entire damp-prone areas.	1	sq m	2,247.71		

b	Interior Painting - Full Putty Area: Premium emulsion paint (2 coats) over primer & full acrylic-based putty. Includes scraping, cleaning, and sanding. VOC-compliant paint. Brands: Asian, Berger, Birla Opus	1	sq m	2,247.71		
c	Exterior Painting - Full Putty Area Asian Paints Apex Ultima / Ultima Protek (2 coats) over primer and full putty with surface preparation and scaffolding.	1	sq.m	204.28		
d	Interior Painting - Touch-up Area (2nd Floor,etc..) Emulsion paint (2 coats) over primer with spot putty. Includes cleaning & minor sanding.	1	sq.m	150.00		
2	Ceiling Painting					
	Supply and applying two coats of approved colour Emulsion paint finish with necessary primer to all ceiling surfaces including rubbing with and paper, scaffolding etc. complete as per manufacturers specification and as directed and instructed by Architect/ Engineer. Nippon, Berger, Nerolac,Asian(Tractor Emulsion Advanced)	1	sq.m	911.52		
b)	ENAMEL PAINT:					
	Scraping and cleaning the existing surface and applying two coats of Synthetic Enamel paint of approved colour and shade over a coat of anti corrosive primer after thoroughly scraping the existing paint ;Nippon, Berger, Nerolac,Asian . complete as per manufacturers specification and as directed and instructed by Architect /Engineer- in Windows shutters,Terrace pipe,Gates.etc	1	sq.m	549.00		
	Sub- Paitning work sub total					
IV	Installation of LPG Pipeline					
1	Supply & Installation of LPG Pipeline – Supply & install approved LPG pipeline using ISI-marked seamless copper / CS pipes (typical 15–20 mm dia for domestic runs) with approved fittings, elbows, unions, isolation valve, supports, clamps and testing outlets,scaffolding. Includes supply of regulator & shutdown valve	1	Rmt	50.00		
2	Wall chasing, floor cutting & embedding – Cutting chases in wall/floor, laying pipe in chase/sleeve, fixing, bedding/embedding in cement mortar, and making good the chase up to plaster level.	1	Rmt	50.00		
3	Surface restoration / finishing – Plastering & finishing of chase, patch plaster, curing, and painting,scaffolding (matching existing). If tiles affected include tile cutting/replacement	1	sqm	50.00		
4	Leak testing & pressure testing – Pressure test and leak detection of the installed LPG pipeline (hydro/air test as per agency method), instrumentation, witness & test certification.	1	Job	1.00		
5	Coordination & final connection (agency charges) – Liaison with authorised LPG agency for final connection, meter/connection fees, agency inspection & certification	1	Job	1.00		
6	Miscellaneous & consumables – Gaskets, PTFE tape, sealants, sleeves, clamps, anchor fasteners, paint for pipe, small fittings and contingency.	1	LS	1.00		
	Sub Total- LPG Pipeline Total					
	CIVIL WORKS TOTAL AMOUNT					

V INTERIOR WORK					
1	GYPBOARD FALSE CEILING				
	<p>Providing and fixing suspended false ceiling, which includes providing and fixing GI perimeter channels of size 0.55mm thick having one flange of 20mm and another flange of 30mm and a web of 27mm along with perimeter of ceiling, screw fixed to brick wall/partition with the help of nylon sleeves and screws at 610mm centers. The suspending GI intermediate channel of size 45mm, 0.9mm thick with two flanges of 15mm each from the soffit at 1220mm centers with ceiling angle of width 25mmx 10mmx 0.55mm thick fixed to soffit with GI cleat and steel expansion fastene. Ceiling section of 0.55mm thickness having knurled web of 51.5mm and two flanges of 26mm each with lips of 10.5mm are then fixed to the intermediate channel with the help of connecting clips and in direction perpendicular to the intermediate channel at 457mm centers. 12.5mm tapered edge Gypboard (Conforming to IS- 2095-1982) is then screwed fixed to ceiling section with 25mm dry wall screw at 230mm centers. Screw fixing is done mechanically.</p>	1	sqft	1,433.63	
	<p>Finally the boards are to be jointed and finished so as to have a flush look which includes filling as finishing the tapered and square edge of the boards with joining compound, paper tape and two coats of primer suitable for Gypboard (as equivalent) extra frame work for electrical fittings, A/C diffusers, and/or any other cutout, trap doors, wooden shadow battens (hollock wood black enamel painted-25x40mm) at wall peripheries and ends, 12mm thick MDF board for pelmet etc. complete including opening to be made for AC grills, light fittings, trap doors etc. (The quoted rate shall be inclusive of suspenders at all heights) (The rate to be quoted including 2 coats of plastic emulsion paint over sufficient coat putty) BLUE colour emulsion painting to be done wherever the stepped verticals are there in the ceiling. The stepped ceiling between the gyp board & grid armstrong ceiling and also the suspended gyp ceiling.</p>				
2	Low Height wooden Partitions (LHP) with laminate finish				
	<p>Providing and fixing in position custom-made low height partitions of 1200 mm height as per shape shown in the drawing.</p> <p>Aluminium section of 1.7mm thickness framework of 50 x 25mm at about 600mm centers vertically, and 3 nos. horizontally at floor level, 750mm level, and 1200mm level. Additional 50 x 25mm at 375mm level, all framed and fixed in position.</p> <p>The framework will be clad with 8mm thick IS 303 BWR Grade Plywood on both sides and finished with 1.0mm thick laminate as per approved design.</p> <p>Top of the partition will be finished with laminate and 12mm thick clear float glass with 3M sticker film fixed over the partition with MDF beading, which will be finished with two coats of duco paint, ensuring neat finish to the satisfaction of the Bank and Architects.</p>	1	sqft	400.00	

3	vinyl flooring					
	<p>Providing and laying of Vinyl Flooring of approved make,color, and shade, 2.0 mm / 1.5 mm thick (as specified), anti-skid, homogeneous, flexible, and fire-retardant type over the prepared cement mortar / RCC floor surface. The vinyl sheet shall be fixed using suitable synthetic rubber-based adhesive (like Fevicol SR 998 or equivalent) including cleaning the surface, applying adhesive, rolling with roller for bubble-free finish, trimming of edges, and finishing as per manufacturer's instructions.</p> <p>Thickness: 1.5 mm / 2.0 mm (as per requirement)</p> <p>Make: Armstrong / Wonderfloor / Responsive / equivalent approved</p>	1	sqm	450.00		
4	Workstation					
	<p>Fabricated out of 18mm MR plywood for all exposed Top, front and sides finished with 1 mm lam. Inside part shutters and bottom of keyboard tray, one drawers to be finished with approved shade of 0.8MM Thk Laminate. All other outer surfaces to be finished with 1.00MM Thk laminate. The base of drawers and keyboard tray shall be madeout of 6mm thk MR Ply,sides and back of 18/12mm thk MR ply and front made out of 18mm MR ply. All drawers will have multipurpose locks and 4" S.S handle of approved. The drawers and keyboard tray shall run on sliding channels and all table tops shall have wire managers of approved shade and colour. CPU platforms made out of 18MM MR ply to be provided as per design and instructions given by the Architect at the time of execution. All exposed One Drawers, One Shutters ply to be with PVC Edges with edge trimmed. Wooden Foot rest of 3" X 1.5" finished with Enamel Paint. All the table composed of One Drawer and One Openable Shutter. side storage will measuered sepatly</p>					
	Officer Table (4' 6" X 2' 6")	1	nos	6.00		
5	Wardrobe or loft shutter	1	sqm	6.90		
	<p>Providing and fixing of shutters for wardrobe, kitchen loft (overhead cabinets), and bottom kitchen cabinets including necessary framework with 19mm thick plywood. All shutters to be finished with 1.5mm thick laminate on the exposed side and 0.8mm thick laminate on the unexposed side. The rate includes necessary hardware such as hinges, handles, magnetic catchers, and locks as required</p>					
6	Roller Blinds :	1	sqft	98.00		
	<p>Staff Room :Providing and fixing 100mm wide Vista Make or equivalent Roller blinds of Approved Colour. Rate shall be inclusive of necessary scotch guard treatment on both side. The overlaps should be uniform and adequate. Basic cost of blinds should not be less than Rs.1200 per Sqm</p>					

7	Fixing wooden partition wall	1	sqft	171.00		
	Ground Floor Kitchen: Providing and fixing wooden partition wall behind the serving hatch opening, made with approved seasoned wood or commercial ply with laminate finish (or paint as specified), including frame, panels, screws, hinges, and supports as required, fixed securely to adjoining surfaces. Complete in all respects including supply of materials, labour, and installation. Moisture-resistant (BWR/MR) plywood partition (19 mm thick) with laminate/paint finish on both sides, supported by hardwood framing					
8	Fixing of modular work tables	1	nos	30.00		
	Providing and fixing of modular work tables using available components at site, including assembly, alignment, and necessary installation works to make the units usable. The scope includes verifying and identifying any missing fittings such as screws, bolts, brackets, or connecting hardware, and supplying only the required items for proper completion. All work shall be carried out as per standard practice to ensure stability and finish, including labour, minor consumables, and tools. The rate shall be inclusive of fixing charges and cost of only missing fittings required for proper installation.					
9	Exhaust fan - Dining Area Toilet (If Required)	1	nos	1.00		
	Supply and fixing of 9" decorative plastic moulded Exhaust Fans (Bajaj/ Usha/crompton Make) in bath rooms as per the site conditions. Rate to include cost of making opening (hole) in the wall if required					
	Interior Work Total					
VI	ELECTRICAL WORK					
1	Supply, installation, testing and commissioning of 8 way VTPN MCB DB with double door factory fabricated, IP 43 protection in flush with the wall and making good of the concealed portion including earthing and loop interconnection complete comprising of following MCB's complete as directed. 1.8WAY VTPN DB-1no 1. 100 Amps 25KA FP MCCB as incomer 2. 32 Amps 10ka 3pole MCB-4 Nos. 3. 10~25 A MCB -12 Nos. (C Curve) 4. Blank Plate should be provided wherever required to avoid gaps The cost include existing DB with incoming & outgoing Cables removing and Reconnected with require accessories.	1	Set	1.00		
2	Point wiring of light Fittings					
	Point wiring of light and call bell shall be carried out with 3 runs of 1.5sq.mm,1100V, copper multi stranded FRLS PVC insulated wires in suitable dia. ISI mark 1.6 mm thick MS Conduit Pipe with required accessories like Bends, Tees, junction boxes etc. 1) Provision of modular type switches in a concealed factory fabricated GI modular box of required size with suitable mounting plate. 2)Clamping of conduits in ceiling shall be carried out at a distance of not more than 450 mm on either side of the bends or on channel supported from ceiling by dual down rods for laying conduit including clamps, screws, bends, accessories, labour, loading, unloading charges, cutting/chasing, plastering and concealed or open in manner slab/wall/ partitions etc.					
	Light point operated from Switch Board					
2.1	Wiring as per item No.2 for one light point controlled by one 6 Amp. Modular type switch complete as directed	1	Nos	35.00		

	Wiring as per item No.2 for Two light point controlled by one 6 Amp. Modular type switch complete as directed	1	Nos	15		
	Exhaust Fan points	1	Nos	5		
	Ceiling fan point with 5 step electronic regulator	1	Nos	6		
2.2	Supply and Laying of 2 runs of 2.5 sqmm FRLS PVC insulated multistrand copper conductor wire with 1 run of 2.5 sqmm FRLS PVC insulated multistrand copper wire for earth with suitable medium duty MS conduit pipe of approved size with all necessary fixing accessories for Light switch box Circuits / ups/raw power sockets. The Cost shall include supply and fixing of MS bends, clamps, hardware, dual down rods with channel for laying MS conduit wall/ ceiling, loading, unloading charges, PVC junctions, labours, Cutting / chasing, plastering and concealed or open in manner slab/wall/ partitions etc.	1	Mtrs	500.00		
3	Supply and Laying of 2 runs of 4 sqmm FRLS PVC insulated multistrand copper conductor wire with 1 run of 2.5 sqmm FRLS PVC insulated multistrand copper wire for earth with suitable medium duty MS conduit pipe of approved size with all necessary fixing accessories for Raw power Sockets The Cost shall include supply and fixing of MS bends, clamps, hardware, dual down rods with channel for laying MS conduit wall/ ceiling, loading, unloading charges, PVC junctions, labours, Cutting / chasing, plastering and concealed or open in manner slab/wall/ partitions etc.	1	Mtrs	150.00		
4	Power cable					
4.1	Supply & Laying of the following cables in built up trenches, on wall, or in the ground as per the case may be, with proper clamping with necessary fixing materials etc., Installing testing and commisoing of UG Cable	1	Mtrs	60.00		
	3.5 Core X 50 Sqmm Aluminium Armored cable+ 8Swg Copper Wire (Meter to Main Panel)					
4.2	End Termination of the above cables with proper Glands	1	Nos	2.00		
	Lugs, etc.,					
	3.5 Core X 50 Sqmm Aluminium Armored cable					
5	Power point outlets					
5.1	Supply and fixing of 1 nos. of 6A modular switch and 01 nos. of 6A modular universal sockets with suitable size modular plate and cover in front on surface in wall The Cost shall include necessary cutting in wall for fixing in the plates, with all suitable hardware, screws, internal wiring, termination etc.	1	Nos	15.00		
	Supply & Installation of 3 Nos of 6A Sockets controlled by 2 Nos of 6A Switches modular type housed in a PVC box with PVC cover plates. The boxes to be fixed either in wall or partitions/ work stations below working top.	1	Nos.	7		

5.2	Supply and fixing of 01 nos. of 16A modular switch and 01 nos. of 6 /16A modular sockets with suitable size modular plate and cover in front on surface in wall The Cost shall include necessary cutting in wall for fixing in the GI box, plates, with all suitable hardware, screws, internal wiring, termination etc.	1	Nos.	15		
5.3	Supply and fixing of 01 no. of 25A modular MCB and 01 no. of 25A AC sockets with plug top in suitable size GI box in recessed manner with modular plate and cover in front. The socket shall be mounted separately as directed by the Bank's Engineer and as per requirement. The Cost shall include all hardware, screws, internal wiring, termination etc.	1	Nos.	3		
6	Light fittings					
6.1	Supply , Fixing & Commissioning of 2'0"x2'0" Recess mounted 30-33W LED 3000 Luminaire lights with complete PMMA					
	diffuser including Drives and on Mineral Fibre Ceiling.	1	Set	10		
6.2	Supply, Fixing & Commissioning of Surface Mounted					
	Supply, Fixing & Commissioning of Surface Mounted 4'0" - 1X20W LED Fittings(Batten type) with necessary accessories etc.,	1	Set	50		
7	Supply and fixing of 16/32amps 4pole /2POLE MCB housed in Weather proof box with require accessories near Duct fans.	1	Nos.	4		
8	Supply, Fixing & Commissioning of 305mm Sweep heavy duty Exhaust fan by providing necessary cutting on walls including plastering, painting works etc if required.	1	Nos.	6		
9	Supplying and fixing Earthing Bridge Clamps in electrical room complete with 10 Nos Brass Terminals for Earth Bus.	1	Mtrs	1		
10	Supply and Laying of 4mm (8SWG) copper for fan Earthing with require accessories.	1	Mtrs	100		
11	CEILING FAN - Supply at site and installation of 1200 mm ceiling fan of approved make with all accessories . Installation includes the cost of materials for fitting, giving electric connection, fitting hooks wherever necessary etc. (Usha / Bajaj / Crompton)	1	Nos	6		
	Electrical Work Total					
VII	Plumbing Work					
1	Supply and fixing, shifting to the place of installation and fixing testing and commissioning of 50% colour vitreous China wall mounted European water closet with solid plastic seat and lid with CP hinges and rubber buffers, ceramic flush tank CP bend and with internal fittings, etc. The work shall include cutting making of walls and floors etc. Notes: The quoted rate shall include, necessary consumables like brass screws, CP extension nipple of approved make, dia and length, wooden plugs, rings pluges white cement / pop sealants etc, only drilling machines shall be used for making the holes in the walls for fixing, no wall jumper and hammer will be allowed.	1	Nos.	2		

2	All plumbing (hot & cold) pipes (15 mm or 20 mm dia) to be CPVC(SD-11) consealed in wall including all necessary high quality CPVC fittings such as bends, tees, flanges, elbows, coupling, reducer, unions, checknuts etc. joining with taflon tapes, excavation, refilling, consolidating wherever required. All joints to be water tight and properly sealed. Metalic(Brass) CPVC fitting to be used where fixtures such as shower, cocks, etc are to be used. The CPVC pipes shall be used to carry hot / cold water. Rates to include the cost of making/ drilling holes in walls/rcc members and making good the same after completion of the work	1	mtr	80		
3	Supply and fixing, shifting to the place of installation and fixing testing and commissioning of Rectangular wash basin of size 55cm x 40cm 50% colour glazed vitreous china wash basin mountedon GI rag bolts / CI brackets, 15 mm dia CP pillar cock, 32 mm dia CP waste coupling, 32 mm dia CP brass bottle trap, 2 nos 15 mm dia CP angle stop cock with wall flange, 15 mm dia - 450mm long PVC cold water connection pipe.The work shall include the cutting of walls or floors & making good. Notes: Conditions mentioned in item no.1 shall be applicable.	1	Nos.	3		
4	Supply & fixing of CP health faucet consisting of:					
a)	CP Two way bib cock with wall flange.					
b)	PVC flexible tube.					
c)	Hand operated spray unit (instant type)	1	Nos.	5		
5	Supply and fixing, shifting to the place of installation and fixing of 15mm dia CP short body bib cock with CP wall flange.	1	Nos.	8		
6	Supply & fixing of 15mm dia CP long body bib cock with CP wall flange etc.	1	Nos.	4		
7	Supply and fixing, testing and commissioning of two - in - one wall mixer shower assembly unit consisting of the following in the shower area:					
a)	One no. two - in - one wall mixer with CP conversion bend for ovehead shower with builtin spout.					
b)	One no. CP overhead shower arm with wall flange and CP adjustable shower rose (casted heavy with wall flange)					
	The work shall include cutting, chasing the walls and making good the walls. Notes: Conditions mentioned in item no.1 shall be applicable.	1	nos	2		
8	Kitchen sink	1	nos	4		
	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink with drain board-510x 1040 mm bowl depth 250 mm					
9	Wash basin	1	nos	3		
	Ground Floor OutSide Toilet: Wash basin (cat No 10036 Hindware or equivalent) including heavy duty bottle trap, waste coupling connection pipes and necessary fittings and fixtures etc. complete in all respects as directed. (without pedestal					
10	Fixing, and jointing of GI pipes/Terrace	1	Mtr	100		

	Supply, fixing, and jointing of GI pipes of approved make in sizes ranging from 15 mm to 110 mm diameter, including necessary GI fittings such as elbows, tees, sockets, unions, clamps, wall plugs, saddles, etc., with cutting, threading, and fixing on wall, ceiling, or shaft using suitable GI clamps and fasteners. The work shall include application of anti-corrosive paint to all exposed surfaces, hydraulic pressure testing for leakproof joints, and making good the disturbed surface to match the original finish. The pipes shall be laid as per IS specifications and site conditions, and rates shall be inclusive of all materials, labour, tools, fittings, scaffolding, transportation, and taxes, complete in all respects. Payment shall be made per running metre of pipe laid and tested, with rates applicable for each pipe diameter as per standard practice					
11	Miscellaneous Items					
a	Plain Mirror 24" X 18" with clamps/ studs (Basic Rate: Rs. 550 per No) with all-round bevelled edge	1	Nos	4.00		
	Plumbing Work Total					
	GRAND TOTAL					