

BOQ					
Name of work: Establishing Porta Structure based on LGSF comprising one reading room, One classroom & ladies' washroom i/c conversion of one reading room into faculty room at 2nd floor SNSAH					
S.No.	Description	Unit	Qty	Rate	Amount
1	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 metres lead) as per direction of Engineerin- Charge. (a) Internal Work- Exposed on wall	metre	10.00		
2	Demolishing R.C.C. work manually/ by mechanical means including cutting and stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-charge.	cum	5.00		
3	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	cum	1.00		
4	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	sqm	50.00		
5	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.	cum	30.00		
6	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	Sqm	1.00		
7	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area beyond 3 sq. metres	each	2.00		
8	Demolishing brick tile covering in terracing including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	sqm	180.00		
9	Demolishing mud phaska in terracing and disposal of material within 50 metres lead.	cum	35.00		
10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering -				
11	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	5.00		
12	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	2.00		
13	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers sqm	sqm	35.00		
14	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Cold twisted bars	kg	600.00		
15	<b>SCAFFOLDING &amp; PLATFORM</b>				

i	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to four story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the	Sq.M	650.00		
ii	Providing and fixing Scaffolding net of required width made of high density Polyethylene UV stabilized knitted on wrap knitting machines having density 100 gram/ sqm and shading coefficient minimum 75% around the construction site/ for vertical extension as per requirement including fastening/ tying with building/ scaffolding pipes or with any other fixtures, etc. complete as per direction of Engineer-in-Charge. (one time payment shall be made for providing	Sq.M	650.00		
16	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	3.00		
17	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	sqm	27.00		
18	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :	sqm	60.00		
19	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding	kg	100.00		
20	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (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 @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete.	sqm	25.00		
21	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.(Skirting is also to be measured in sqm in this item only) Size of Tile 600x600 mm	sqm	178.00		
22	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. (Skirting is also to be measured in sqm in this item only) Size of Tile 1200x600 mm	sqm	120.00		

23	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	sqm	60.00		
24	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	sqm	70.00		
25	Providing and Painting with <b>synthetic enamel paint</b> after removing old paint & preparing the base for the same using primer and than applying 2 or more coats of paint as per manufacturer's specifications etc. complete to the satisfaction of Architect.	sqm	35.00		
26	Finishing Exterior walls and ceiling with Textured exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	sqm	200.00		
27	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	each	9.00		
28	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete. 0.80 mm thick with zinc coating not less than 275 gm/m <sup>2</sup> metre	Rmt	25.00		
29	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be terlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.				
30	GI Perforated Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	Sqm	200.00		

31	Providing all materials and fixing <b>monolithic Gypsum board FALSE CEILING</b> conforming to IS 2095, at all heights and facia including providing and fixing of framework as spelled out in Saint Gobain,armstrong . manufacturer catalogue. Bidder to provide adequate steel sections (Channels, I or T sections) and hanger supports to cater to the false ceiling loads. OWNER would check the design and adequacy and has the right to reject if found inadequate. Nothing extra shall be paid for making openings for AC grills, smoke detectors, electrical fixtures etc. The cutouts shall be provided with perimeter channel of adequate size of 0.5 mm thk. all around and shall be supported suitably. Vertical / inclined face shall be measured above 300 mm high only. For payment purpose false ceiling shall be measured in plan only.	Sqm	10.00		
32	Providing & Fixing of grid type Suspended <b>MINERAL FIBRE FALSE CEILING</b> system at all heights including providing and fixing of framework as spelled out in Saint Gobain, Armstrong or equivalent manufacturer catalogue. Ceiling tiles shall be Mineral Fiber Tiles , colour (white). Bidder to provide adequate steel sections (Channels, I or T sections) and hanger supports to cater to the false ceiling loads. OWNER would check the design and adequacy and has the right to reject if found inadequate. Approved make: Saint Gobain or Armstong or equivalent (600x600)	Sqm	10.00		
34	Providing and Fixing <b>Acoustic PET Panel</b> of approved color with required accessories & installation at all heights & levels including providing cutouts for lighting, necessary consumables, tools & tackles, scaffolding etc all complete Ecophon Solo Panels or equivalent.(item includes making necessat holes for fixing light /fixture), item includes 12 MM ply for backing frame and 12 MM MDF for round edges. Size 1200mm DIA x 8-9mm	Nos	12.00		
35	Providing and fixing thermal insulation with Resin Bonded Fibre glass wool conforming to IS: 8183 having density 24 kg/m3, 50 mm thick, wrapped in 200G Virgin Polythene Bags fixed to wall with screw, rawel plug & washers and held in position by criss crossing GI wire etc. complete as per directions of Engineer-in-Charge.	sqm	200.00		
36	<b>Underdeck Roof insulation:</b> - 13mm XLPE roof insulation with FSK is considered under the roof. Approved make (Aerolam, MK Petro, Supreme)	Sqmt	158.00		
37	Providing & painting the walls, ceiling with Plastic Emulsion paint after preparing the base by removing existing paint/ finish and applying 2-3 coats of birla white putty for making the surface plane & smooth & applying 2 or more coats of plastic emulsion paint with final coat done with rollers etc complete. Complete to the satisfaction of Architect/Bank's Engineer.	sqm	200.00		
38	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge. With cement mortar 1:4 (1 cement : 4 fine sand)	sqm	45.00		

39	Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	each	1.00		
40	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 black solid plastic seat and lid	each	1.00		
41	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	each	2.00		
42	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 40 mm dia	each	2.00		
43	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall				
i	20mm nominal outer dia pipes	metre	30.00		
ii	25mm nominal outer dia pipes	metre	50.00		
iii	32mm nominal outer dia pipes	metre	25.00		
44	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and	metre	25.00		
45	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length 20 mm nominal bore	each	4.00		
46	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 25 to 40 mm nominal bore each	each	1.00		
47	Providing and placing on mumty/terrace polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	per litre	2,000.00		
48	18.53 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931, 15mm nominal bore each	each	4.00		

49	Providing and fixing C.P. brass long nose bib cock/ pillar cock of approved quality conforming to IS standards and weighing not less than 810 gms. 15 mm nominal bore	each	2.00		
50	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball. 20 mm nominal bore, 120 mm long, weighing not less than 198 gms	each	1.00		
51	Providing and fixing wash basin Oval type of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:- (a) White Vitreous China Oval Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer each	each	1.00		
52	Providing and fixing Floor trap C.P. jail of 125 mm Dia,	Each	3.00		
53	Providing and fixing CPVC gate valve of approved Quality :-				
i	25mm nominal bore	each	2.00		
ii	20mm nominal bore	each	2.00		
iii	32 mm nominal bore	each	2.00		
54	Providing and fixing of PVC pipes				
i	100mm dia p.v.c.pipe	Rmt	45.00		
ii	75 mm dia p.v.c.pipe	Rmt	27.00		
55	P/F UPVC elbow 100mm dia	Nos	4.00		
56	P/F UPVC elbow 50mm dia	Nos	4.00		
57	Providing and fixing 100mm circular type SS jali for floor trap	Nos	2.00		
58	Providing and fixing PVC Nani trap of 110 mm dia approved quality and make complete as required .	each	4.00		
59	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of: (i) Ist course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. (ii) IInd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface. (iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 kg. per sqm of area. (iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sqm). <b>Make-CICCO</b>	sqm	10.00		

60	Designing, providing, installing and fixing factory finished custom designed cold form Light Gauge Steel Framed super structure comprising of steel wall panel, trusses, purlins etc manufactured out of minimum 0.75 mm thick steel sheet as per design requirements. The steel sheet shall be galvanized (AZ-150gms Aluminium Zinc Alloy coated steel having minimum yield strength 300-550 Mpa) conforming to AISI specifications and IBC 2009 for cold formed steel framing and construction and also as per IS: 875-1987, ISO 800-1984 and IS:801-1975. The wind load shall be as per provisions of IS 875 (part -III). LGSFS frame shall be designed as per IS: 801 using commercially available software such as Frame CAD Pro-11.7/ STAAD PRO-V8i/ ArchitekV2.5.16/ Revit architecture-2011 or equivalent. Proper usage of Connection Accessories like Heavy Duty Tension Ties, Light Duty Hold-ons, Twist Straps (to connect truss with wall frames), Strong Tie, Tie Rod, H-Brackets, Boxing Sections, L-Shaped Angles for better structural stability. The framing section shall be cold form C-type having minimum web depth 89 mm x 39mm flange x 11mm lip in required length as per structural design requirement duly punched with dimple/ slot at required locations as per approved drawings. The slots will be along centre line of webs and shall be spaced minimum 250mm away from both ends of the member. The frame can be supplied in panelized or knock down condition in specific dimensions and fastened with screws extending through the steel beyond by minimum of three exposed threads. All self drilling tapping screws for joining the members shall have a Type II coating in accordance with ASTM B633(13) or equivalent	Kg	5,213.02		
61	Providing and fixing of external wall system on Light gauge steel frame work with outer face cement boards as per standard sizes fixed with self- drilling / taping screws / fasteners @ 60cm c/c of approved make. A groove of 2 mm to 3mm shall be maintained and grooves shall be sealed with silicon based sealant. The board shall be fixed in a staggered pattern. Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm and. Internal face 12.5 mm thick gypsum plaster board fixed on cement board as per standard sizes fixed with selfdrilling / taping screws / fasteners @ 60cm c/c of approved make, proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately) Outer face: Outer face having 6mm thick fiber cement board fixed on 9mm thick fiber cement board, Type A, as per IS:14862:2000 (high pressure steam cured) Inner Face :- 12.5 mm thick gypsum plaster board conforming to IS 2095:2011 fixed on 8 mm thick fibre cement board conforming to IS:14862:2000 of type B	Sqm	185.00		
62	Providing and fixing internal wall panels on Light gauge steel frame work with 12.5mm thick gypsum plaster board conforming IS 2095:2011 fixed on cement board as per standard sizes fixed with self-drilling / taping screws / fasteners @ 60cm c/c of approved make, Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm. Proper taping and jointing to be done using fiber mesh tape and epoxy and	sqm	34.00		
63	Providing and fixing in all exterior face panels breathable vapour barrier underneath the cement fiber board as per National Building Code 2009 complete as per direction of Engineer-in-charge.	sqm	185.00		

64	Providing and fixing 5"x2.5" Teak wood member for frame and water proof Flush door shutter made out of 35 mm thick flush door with 8 mm thick clear thougened glass vision panel secured with 12 mm thick TW beading, 31x 12 mm thick TW periphery patti around shutter edges, 1 mm thick laminate on both sides, 35x12mm thick steam beach stopper patti on frame including 3 Nos 5" long SS hinges with countersunk SS screws, Dead Lock, S.S Handles, 150-200mm long Door stoppers, door closer of approved make etc. all exposed surface /edges not laminated be provided with Melamine polish complete as per drawing & instructions.	Sqmt	13.00		
65	MS Door frame ( Chaukhat ) Providing and fixing of MS door frame ( chaukhat ) D-1 frame Size 100x45x60x35x25x2mm -5nos 600kg	kg	225.00		
66	Roofing- Providing and fixing on the roof, shall be covered by Hi quality PPGI colour coated profile sheets .50mm. Make ( Asian /Essar/Equivalent For extra precautions every hole will be sealed with silicon ( rubberized chemical compound ).	Sqmt	180.00		
67	Windows With lock, frame and other complete accessories Window shall be Aluminium powder Coated Framed ( Make Hindalco Eternia ) Two track Sliding type windows with 8mm thick clear normal glass and required locking arrangement. Size of Window as per drawings.	Sqmt	20.00		
68	Providing and fixing Roller blinds of approved shade and make (Vista Or Equivalent). All complete as per manufacturers specification and approval of Architect / Engineer- in - charge.	Sq.M	350.00		
<b>TOTAL INTERIOR WORK...(A)</b>					
<b>ELECTRICAL WIRING</b>					
<b>Distribution System.</b>					
1	S.I.T.C. Of Factory Manufactured 3 phase & Neutral Double Door Distribution board made out of 16 SWG sheet steel enclosure with cutouts for operating MCB/MCCB/RCCB etc. Knobs & consisting of Phase, Neutral & Earth Busbars with tapped holes, phase barriers & covers with removable plates on top & bottom for incoming & Outgoing Cables . D.B.'s shall be flush mounting type for both single & three phase.	No.	1.0		
	S.I.T.C. Of 3 phase Vertical TPN 8 way D.B. With following M.C.B./ M.C.C.B./ RCCB & cable end boxes at input and output				
	<b>INCOMING</b> - 4 Pole 63Amp TPN MCCB				
	<b>OUT GOING</b>				
	S.P. 16 Amp M.C.B. for Power points -8 No.				
	S.P. 10 Amp M.C.B. for light points - 15No.				
	S.P. 16A/20A/25A M.C.B.-1 No. Spare				
2	<b>CABLES, MAINS &amp; SUBMAINS</b>				
	Supplying, laying, testing & commissioning of 4 C X 25sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification <b>(for Main Panel to DB)</b>	RMT	80.0		
3	Four lights points controlled by one 6A switch				



	i) Each circuit shall have independent earth wire.				
	ii) Each point shall be earthed.				
	iii) Circuit wiring is to be included in point wiring rates.				
	one lights points controlled by one 6A switch	Nos.	6.0		
	two lights points controlled by one 6A switch	Nos.	10.0		
	four lights points controlled by one 6A switch	Nos.	25.0		
	Wall fan/exhaust fan points with switch at plate & 6A Socket near fan	Nos.	38.0		
4	Same as above but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 6A, 5 Pin modular socket controlled by one 6A switch and looped to the nearest second point with same 2*2.5 + 1*2.5 Sqmm copper conductor wires FRLS insulated 1100V grade.				
	Primary	Nos.	20.00		
	Secondary	Nos.	40.00		
5	Same as above, but wiring for 16 Amp, 6-pin sockets by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 4.0 sq.mm earth wire from D.B. to first point 1 <sup>st</sup> socket and 1 <sup>st</sup> to 2 <sup>nd</sup> , socket with 2*2.5 sq.mm. and 1*2.5 earth wire				
	Primary	Nos.	8.00		
	Secondary	Nos.	10.00		
	<b>LIGHT FITTINGS &amp; ACCESSORIES</b>				
6	Supplying, installation with hanging support , testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Engineer-in-charge.(all LED Light Fixures should be covered with minimum 3 Years onsite replacement warranty)				
	FULL GLOW 2X2 LED 36W of make As specified in tender document or approved by architect . Product to be approved by the consultant & JHU before proceeding for SITC.	Nos.	35		
	SITC of 15 W LED commercial type down lighter of make As specified in tender document or approved by architect.Product to be approved by the consultant & JHU before proceeding for SITC.	Nos.	89		
	SITC of 9 W LED commercial type down lighter of make As specified in tender document or approved by architect.Product to be approved by the consultant & JHU before proceeding for SITC.	Nos.	6		
	Wall mounted fans 400 mm dia. make As specified in tender document or approved by Architect/EIC(Metal body)	Nos.	36		
	Supply & fixing of 230 mm exhaust fan with louvers and plastic body with all accessories etc. complete of make As specified in tender document or approved by Architect/EIC. Item also includes making of hole for fixing exhaust in exsisting brickwall and its repairing wherever required.	Nos.	2		
	<b>TOTAL ELECTRICAL WORK...(B)</b>				
	<b>GRAND TOTAL</b>	<b>A+B</b>	<b>=</b>		

Contactor Signature with stamp