Name of work: Construction of 66 Nos Aaganwari Center Buildings at various locations in the District Ferozepur (Punjab)- Package-01 (Blocks- Ferozepur & Ghall Khurd)

Bill of Quantities for 01 No. Aaganwari Centre Building

NIT NO: HPL/DGM (Engg.)/TC/Aaganwari/ Ferozepur /2019-20/27 Dated : 07.09.2019

S.No.	DSR'16 Item No	DESCRIPTION OF ITEM	UNIT	Qty.	RATE (DSR 16) Rs.	AMOUNT (Rs.)
1	2	3	4	**5**	**6**	**7.00**
		Earth work in excavation				
1	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in as well as 10 sqm on plan) including disposal of excavated earth,depth 1.5 m in width lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.				
	2.6.1	**All kinds of soil.**	cum	**58.00**	**125.95**	**7,305.10**
2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layersnot exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to50 m and lift up to 1.5 m.				
			cum	**55.00**	**125.75**	**6,916.25**
		Sand filling under floor				**-**
3	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.				
			Cum	**4.50**	**917.75**	**4,129.88**
		Plain Cement Concrete				
4	**4.1**	**Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :**				
	4.1.8	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	cum	**8.50**	**4478.15**	**38,064.28**
5	4.2.3	Providing and laying cement concrete in retaining walls, return walls,walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. up to floor five level, excluding the cost of centering, shuttering and finishing : 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	cum	**5.50**	**6547.70**	**36,012.35**
6	4.17	**Making plinth protection**				
		Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	sqm	**16.00**	**450.35**	**7,205.60**
		Bitumen				

7	12.15	Painting top of roofs with bitumen of approved quality @ 17kg per 10 sqm impregnated with a coat of coarse sand at 60 cudm per 10 sqm, including cleaning the slab surface with brushes and finally				-
	12.15.1	With residual type petroleum bitumen of grade VG -10	Sqm	**55.00**	**102.50**	**5,637.50**
		Centering and Shuttering				
8	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete.	sqm	**9.50**	**193.95**	**1,842.53**
9	5.9.3	Suspended floors, roofs, landings, balconies and access platform.	sqm	**66.00**	**422.30**	**27,871.80**
10	5.9.5	**Lintels, beams, plinth beams, girders, bressumers and cantilevers.**	sqm	**35.00**	**342.90**	**12,001.50**
		Steel reinforcement				
11	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above & below plinth level.				
	5.22.6	Thermo-Mechanically Treated bars.	Kg	**900.00**	**56.60**	**50,940.00**
		Reinforcement Cement Concrete				
12	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels,bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering,finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	cum	**10.79**	**7390.80**	**79,746.73**
		BRICK WORK				
13	**6.1**	**Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:**				
	6.1.2	**Cement mortar 1:6 (1 cement : 6 coarse sand)**	cum	**21.50**	**4751.65**	**102,160.48**
14	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
	6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	**25.00**	**5801.50**	**145,037.50**
15	6.13	**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.**	sqm	**12.00**	**684.20**	**8,210.40**
		6 mm Steel bar in half brick work				
16	6.15	Extra for providing and placing in position 2 Nos. 6mm dia. M.S. bars at every third course of half brick masonry.	sqm	**12.00**	**56.85**	**682.20**
		WOOD WORK & PVC WORK				

17	9.21	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters :				
	9.21.1	35 mm thick including necessary ISI marked Stainless Steel butt Hinges with necessary screws.	sqm	**9.50**	**1559.75**	**14,817.63**
18	9.82	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	each	**3.00**	**85.85**	**257.55**
19	9.96.1	Providing and fixing aluminium sliding door bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete: 300x16mm	Each	**5.00**	**212.45**	**1,062.25**
20	9.97.2	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with necessary screws etc. complete: 250x10 mm	Each	**5.00**	**88.10**	**440.50**
21	9.98	Providing and fixing aluminium pull bolt lock,ISI marked, anodised (anodiccoating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws bolts, nut and washers etc. Complete:				
			each	**2.00**	**66.55**	**133.10**
22	9.100	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc.complete:				**-**
	9.100.1	125 mm	Each	**6.00**	**51.10**	**306.60**
	9.100.2	100 mm	Each	**4.00**	**45.10**	**180.40**
		STEEL WORK				
23	10.13	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.				
	10.13.1	Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	kg	**132.00**	**74.05**	**9,774.60**

24	10.11	Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side /top /centre hung, with beading and all members such as F7D, F4B, K11 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer, but excluding the cost of other fittings, complete all as per approved design, (sectional weight of only steel members shall be measured for payment).				
	10.11.1	Window Z section	kg	**80.00**	**113.60**	**9,088.00**
24	9.48	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.				
	9.48.1	M.S. Grill	kg	**80.00**	**104.65**	**8,372.00**
25	10.30	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with :				
		Glass pane 4 mm thick	sqm	**7.50**	**689.05**	**5,167.88**
		Flooring				
26	11.36	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	Sqm	**10.00**	**744.80**	**7,448.00**
		IPC Flooring				
27	11.3	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement,including cement slurry, but excluding the cost of nosing of steps etc. complete.				
	11.3.1	40 mm thick with 20 mm nominal size stone aggregate	Sqm	**46.00**	**362.60**	**16,679.60**
28	11.13	**Providing and fixing glass strips in joints of terrazo/ cement concrete floors.**				
	11.13.1	40 mm wide and 4 mm thick	mtr	**45.00**	**52.50**	**2,362.50**
		FINISHING				
		Internal Plaster				
29	13.4	12 mm cement plaster of mix :				
	13.4.2	1:6(1 cement: 4 coarse sand)	sqm	**130.00**	**168.25**	**21,872.50**
		External Plaster				
30	13.5	15 mm cement plaster of mix :				

	13.5.1	1:4 (1 cement: 4 coarse sand)	sqm	**112.00**	**209.65**	**23,480.80**
		Ceiling Floor				
31	13.16	**6 mm cement plaster of mix :**				
	13.16.1	1:3 (1 cement: 3 fine sand)	sqm	**72.00**	**143.80**	**10,353.60**
						-
						-
32	13.18	**Neat cement punning**	sqm	**5.40**	**42.60**	**230.04**
		External Painting				**-**
33	13.44	Finishing walls with Acrylic Smooth exterior paint of required shade :				
	13.44.1	New work (Two or more coats applied @ 3.84 kg/10 sqm)	sqm	**112.00**	**58.80**	**6,585.60**
		is equal to External Plaster item No. 13.5.1				
		Synthetic Enamel Paint				
34	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
	13.61.1	Two or more coats on new work.	sqm	**25.00**	**78.40**	**1,960.00**
		Colour washing				
35	13.39	Colour washing such as green, blue or buff to give an even shade :				
	13.39.1	New work (two or more coats) with a base coat of white washing with lime	sqm	**202.00**	**23.60**	**4,767.20**
		Sanirary and Plumbing work				
36	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin includingP.V.C. waste fittings complete.				
	17.28.1	semi rigid pipe				
	17.28.1.1	32mm dia	each	**1.00**	**75.60**	**75.60**
37	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.				
		Concealed work, including cutting chases and making good the walls etc.				
	18.8.1	15 mm nominal outer dia Pipes	Metre	**20.00**	**246.20**	**4,924.00**
	18.8.2	20 mm nominal outer dia Pipes	Metre	**20.00**	**284.85**	**5,697.00**

38	17.1	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:				
	17.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	**1.00**	**3494.20**	**3,494.20**
39	MR	Providing and fixing 100% stainless steel grating of approved make and quality grade 304 on top of **floor trap.** The rate includes the cost of all ancillary works and material as required to complete the works.(**Make:Chilly)**				**-**
	MR	127 x 127mm **(Cat No.-SKSH5)**	Each	**1.00**	**253.82**	**253.82**
	MR	101 x 101mm **(Cat No.-SKSH4)**	Each	**1.00**	**200.00**	**200.00**
40	MR-P2	Providing and fixing ball cock for tank overflow.	Each	**1.00**	**500.00**	**500.00**
41	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,having thermal stability for hot & cold water supply, including allCPVC plain & brass threaded fittings, including fixing the pipe withclamps at 1.00 m spacing. This includes jointing of pipes & fittingswith one step CPVC solvent cement and testing of joints completeas per direction of Engineer in Charge.				
	18.7.2	20MM Cpvc pipe	metre	**20.00**	**179.95**	**3,599.00**
	18.7.3	25MM Cpvc pipe	metre	**20.00**	**216.20**	**4,324.00**
42	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,having thermal stability for hot & cold water supply, including allCPVC plain & brass threaded fittings, i/c fixing the pipe with clampsat 1.00 m spacing. This includes jointing of pipes & fittings with onestep CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.				
	18.8.2	CPVC PIPE 20mm outer dia pipe	metre	**20.00**	**284.85**	**5,697.00**
43	19	Providing, laying and jointing glazed stoneware pipes class SP-1with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
	19.1.1	Stone ware pipe 100 mm	metre	**10.00**	**216.25**	**2,162.50**
44	19	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarsesand : 10 graded stone aggregate 40 mm nominal size) all-roundS.W. pipes including bed concrete as per standard design :				
	19.2.1	S.W pipe 100 mm	metre	**10.00**	**622.95**	**6,229.50**
45	19.4	Providing and fixing square-mouth S.W. gully trap class SP-1 completewith C.I. grating brick masonry chamber with water tight C.I. coverwith frame of 300 x300 mm size (inside) the weight of cover to be notless than 4.50 kg				
	19.4	100x100 mm size P type				

	19.4.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	**1.00**	**1602.90**	**1,602.90**
46	19.7	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :				
	19.7.1	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :				
47	19.7.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	**2.00**	**8634.10**	**17,268.20**
48	19.60	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :				**-**
	19.6.1	100 mm dia. R.C.C. pipe	metre	**20.00**	**325.55**	**6,511.00**
49	17.2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 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 :				
	17.2.1	W.C. pan with ISI marked white solid plastic seat and lid	each	**1.00**	**3418.70**	**3,418.70**
50	17.7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				
	17.7.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	each	**1.00**	**2298.55**	**2,298.55**
51	17.10	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 :				
	17.10.2	Kitchen sink without drain board				
	17.10.2.1	610x510 mm bowl depth 200 mm	each	**1.00**	**2476.60**	**2,476.60**

52	17	**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.**				
		Mirror600*450 mm	each	**1.00**	**817.95**	**817.95**
		BRASS FITTINGS				
53	18.15	**Providing and fixing brass bib cock of approved quality :**				
	18.15.1	15 mm nominal bore	each	**4.00**	**260.10**	**1,040.40**
54	18	**Providing and fixing uplasticised PVC connection pipe with brass unions :**				
	18.21.2	45 cm length				
	18.21.2.1	**15 mm nominal bore**	each	**4.00**	**67.80**	**271.20**
55	18.48	**Providing and placing on terrace (at all floor levels) 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.**				
	18.48.A	Circular tank	each	**500.00**	**7.25**	**3,625.00**
56	12.41.2	PVC pipe 110 mm	metre	**25.00**	**236.35**	**5,908.75**
57	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conformingto IS : 13592 Type A, including jointing with seal ring conforming toIS : 5382, leaving 10 mm gap for thermal expansion.				
	12.42.5	Bend 87.5°				
	12.42.5.2	110 mm dia	Each	**4.00**	**113.10**	**452.40**
58	12.22	Making khurras 45x45 cm with average minimum thickness of 5 cmcement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	Each	**2.00**	**187.60**	**375.20**
59	10.18	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp, of internal dia 140 mm, 73 mm height, top lid of 1.5 mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3 mm dia round headed screws, one lock at the corners. Clamp shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing.	Eack	**2.00**	**130.10**	**260.20**
				Total Civil work (A)		**762,588.09**

INTERNAL ELECTRICAL BOQ						
Sr. No.	**DSR 2016 Item no**	**Description**	**Unit**	**Qty.**	**Rate**	
		SCHEDULE ITEMS				
	1.0					
60.0	**1.80**	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	1.8.3	Group C	Point	15	714.00	10,710.00
61.0	**1.12**	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	Metre	40	168.00	6,720.00
62.0	**1.14**	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				-
	1.14.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Metre	80	137.00	10,960.00
	1.14.4	2 X 6 sq. mm + 1 X 6 sq. mm earth wire.	Metre	30	227.00	6,810.00
63.0	**1.25**	Supplying and fixing two module stepped type electronic fan regulator on the existing plate switch box including connections but excluding modular plate etc. as required.	Each	2	288.00	576.00
64.0	**1.29**	Supplying and fixing metal box of 150 mm X 75 mm X 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 A socket outlet and 5/6 A piano type switch, connections, painting etc. as required.	Each	1	205.00	205.00
65.0	**1.30**	Supplying and fixing metal box of 180 mm X 100 mm X 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 A & 15/16 A socket outlet and 15/16 A piano type switch, connections, painting etc. as required.	Each	1	287.00	287.00
66.0	**1.45**	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	Each	2	132.00	264.00
	2.0	**MCCB, MCB & DB'S**				-
67.0	**2.3**	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				-
	2.3.1	6 way, Double door	Each	1	942.00	942.00
						-

68.0	**2.10**	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				-
	2.10.1	Single pole	Each	3	173.00	519.00
69.0	**2.12**	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				-
	2.12.1	40 amps	Each	1	222.00	222.00
	5.0	**EARTHING**				-
70.0	**10.2**	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp, of internal dia 140 mm, 73 mm height, top lid of 1.5 mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3 mm dia round headed screws, one lock at the corners. Clamp shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing.	each	2	130.10	260.20
		TOTAL OF SCHEDULE ITEMS				-
						-
		ELECTRICAL-NON SCHEDULE ITEMS				-
71.0	**NS -1**	**LIGHT FIXTURES**				-
		Supplying, Installation, testing,commissioning, receiving the lighting fixture & fan including assembling etc. of the following lighting fixtures including fixing arrangement and with all accessories as required with necessary GI pipe/steel pipe etc as required for hanging of lighting fixtures.				-
		Supplyinging, instalation, testing & commissioning of All fixtures shall be complete with lamps and required control gear. All LED fixtures shall be complete with control gear & power factor improvement capacitor. For dimmable fixtures, HF dimmable electronic ballast to be used. Samples of all the fixtures with all available colour shall be submitted to the Engineer -in-charge before Supplying & approval is taken. Please check the fixtures final quantity from the Engineer-in-charge before ordering and be sure of actual requirement prior to ordering.				-
	A	LED simple bulb	Nos.	3	80.00	240.00
	B	1x upto 20W LED Surface mounted Batten Light	Nos.	6	600.00	3,600.00
	C	Supplying of Ceiling Fan of 1200mm sweep complete erected in position with all accessories.	Nos.	2	1,488.50	2,977.00
	E	P/F batten holder	Nos.	3	40.00	120.00
					Total Electrical work (B)	45,412.20
					Total (A+B) per Unit	808,000.00
					Total for 66 Units	5,33,28,000.00