

**BOQ FOR PROPOSED CONSTRUCTION OF ARANYA BHAWAN ANNEX  
AT PANJABARI, GUWAHATI - 781 037.**

**RESIDENTIAL TRANSIT ACCOMODATION BUILDING (Electrification)**

SI No.	Description	Units	Qty	Rate	Amount
	<b>A.</b>				
	<b>SCHEDULE ITEMS</b>				
<b>PART - 2</b>	<b>Wiring in surface/ recessed PVC conduit FR (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) cable</b>				
	<b>CIRCUIT WIRING</b>				
1.	Wiring for drawing sub-main line with P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) PVC conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) including earth continuity in surface/ recessed 20 mm. dia. 2mm thick/ heavy ISI marked IS: 9537 PART - III rigid PVC conduit wiring system.				
	With 2 x 2.5 sq. mm. + earth continuity with 1x1.5 sq. mm. in 20 mm. dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.	RM	1300.00		
	With 2 x 4 sq. mm. + earth continuity with 1x2.5 sq. mm. cable in 20 mm. dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.	RM	100.00		
	With 2 x 6 sq. mm. + earth continuity with 1x 4 sq. mm. cable in 25 mm. dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.	RM	350.00		

SI No.	Description	Units	Qty	Rate	Amount
2.	Wiring for drawing sub-main line with P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) in surface/ recessed PVC 20 mm. dia. 2mm thick/ heavy ISI marked IS: 9537 PART - III rigid PVC conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) wiring system.				
	With 4 x 10 sq. mm. + earth continuity with 2x6 sq. mm. cable in 40 mm. dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.	Metre.	160.00		
3.	Wiring for 5 pin 6 amp plug with 1.5 sq mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) including 5 pin 6 amp socket outlet (Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the Deptt.)make) and 6 amp flush type switch (Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the Deptt.)make) earthing the 3rd pin of the socket as required on the switch board in surface/ recessed P.V.C. conduit wiring system. When fitted on same board of light and fan.	Each	60		
4.	Wiring to 5 a pin 6 Amps plug point with 1.5 sq. mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) in surface/ recessed 2 mm thick/ heavy rigid ISI marked IS: 9537 PART - III rigid PVC conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) wiring system including earth continuity with 1.5 sq. mm. cable to third pin of the plug socket etc. as required complete.	Each	14		
	Long point up to 10.00 metre. Length.				

SI No.	Description	Units	Qty	Rate	Amount
5.	Wiring for 5/6 pin 16 Amps power plug point with 4 sq. mm. P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) in surface/ recessed conduit wiring system including earth continuity with 2.5 sq. mm cable to the 3rd pin of the socket as required complete with 20 mm. dia. 2mm thick/ heavy ISI marked IS: 9537 PART - III rigid PVC conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.)	Each	25		
	Long point up to 10.00 metre. Length.				
6.	Wiring for light/fan/call bell point with 3x1.5 sq. mm. P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) in surface/ recessed conduit wiring system with 20mm dia 2mm thick / heavy rigid PVC IS: 9537 Part - III conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) ceiling rose etc. complete				
	Short point up to 3.00 metre. length.	Each	93		
	Medium point up to 6.00 metre. Length.	Each	125		
	Long point up to 10.00 metre. Length.	Each	94		
<b>PART - SB. 8 MODULAR SWITCH</b>					
7.	Supplying including and fixing of following Metal boxes for MODEL RANGE LEGRAND (MYRIUS), ANCHOR (VIOLA), MK (WRAPAROUND/ PLUS), ABB (CHEIRON), KOLORS (KREST), SCHNEIDER (VIVACE), CRABTREE in surface/ recessed system complete as per direction of department.				
	1-2 module type Metal	Each	16		

SI No.	Description	Units	Qty	Rate	Amount
	3 module type Metal	Each	40		
	4-5 module type Metal	Each	12		
	6-8 module type Metal	Each	12		
	10 module type Metal	Each	20		
	12-16 module type Metal	Each	12		
8.	Supplying including fitting fixing of following front plate of suitable colour MODEL RANGE LEGRAND (MYRIUS), ANCHOR (VIOLA), MK (WRAPAROUND/ PLUS), ABB (CHEIRON), KOLORS (KREST), SCHNEIDER (VIVACE), CRABTREE as per direction of department.				
	1 module	Each	4		
	2 module	Each	12		
	3 module	Each	40		
	4 module	Each	8		
	5 module	Each	4		
	6 module	Each	4		
	8 module	Each	8		
	10 module	Each	20		
	16 module	Each	12		
9.	Supplying including fitting and fixing of TV co-axial outlet MODEL RANGE LEGRAND (MYRIUS), ANCHOR (VIOLA), MK (WRAPAROUND/ PLUS), ABB (CHEIRON), KOLORS (KREST), SCHNEIDER (VIVACE), CRABTREE including making necessary connection as per direction of department.	Each	14		

SI No.	Description	Units	Qty	Rate	Amount
10.	Supplying with fitting and fixing of RJ-11 Telephone jack MODEL RANGE LEGRAND (MYRIUS), ANCHOR (VIOLA), MK (WRAPAROUND/ PLUS), ABB (CHEIRON), KOLORS (KREST), SCHNEIDER (VIVACE), CRABTREE including making necessary connection as per direction of department.	Each	18		
11.	Supplying with fitting fixing of blank plate single in modular switch system MODEL RANGE LEGRAND (MYRIUS), ANCHOR (VIOLA), MK (WRAPAROUND/ PLUS), ABB (CHEIRON), KOLORS (KREST), SCHNEIDER (VIVACE), CRABTREE complete as per direction of department.	Each	25		
12.	Supplying with fitting and fixing of 100 watt electronic modular fan speed controller 4 - Step 2 - module type MODEL RANGE LEGRAND (MYLINC), ANCHOR (ROMA), MK (IVORY), ABB (CLASSIC), KOLORS (KRAZE), SCHNEIDER (OPAL), PHILIPS, Havells including making necessary connection as per direction of department.	Each	51		
13.	Supplying with fitting fixing of 6 amp one way modular clip in bell push with LED MODEL RANGE LEGRAND (MYLINC), ANCHOR (ROMA), MK (IVORY), ABB (CLASSIC), KOLORS (KRAZE), SCHNEIDER (OPAL), PHILIPS, Havells including making necessary connection as per direction of department.	Each	14		

SI No.			Description	Units	Qty	Rate	Amount
14.			Supplying including installation of socket outlet 6/16 Amps 3/5 pin combine shuttered complete , MODEL RANGE LEGRAND (MYLINC), ANCHOR (ROMA), MK (IVORY), ABB (CLASSIC), KOLORS (KRAZE), SCHNEIDER (OPAL), PHILIPS, Havells including making necessary connection as per direction of department.	Each	25		
15.			Supplying including installation of socket outlet 6 Amps 3 pin combine shuttered complete , MODEL RANGE LEGRAND (MYLINC), ANCHOR (ROMA), MK (IVORY), ABB (CLASSIC), KOLORS (KRAZE), SCHNEIDER (OPAL), PHILIPS, Havells including making necessary connection as per direction of department.	Each	74		
16.			Supplying with fitting fixing of 16 amp one way modular clip in switch, MODEL RANGE LEGRAND (MYLINC), ANCHOR (ROMA), MK (IVORY), ABB (CLASSIC), KOLORS (KRAZE), SCHNEIDER (OPAL), PHILIPS, Havells including making necessary connection as per direction of department.	Each	25		
17.			Supplying with fitting fixing of 6 amp one way modular clip in switch, MODEL RANGE LEGRAND (MYLINC), ANCHOR (ROMA), MK (IVORY), ABB (CLASSIC), KOLORS (KRAZE), SCHNEIDER (OPAL), PHILIPS, Havells including making necessary connection as per direction of department.	Each	372		
<b>PART- 6</b>			<b>SUPPLY AND FIXING OF RIGID PVC CONDUIT (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) IN SURFACE AND RECESS WIRING SYSTEM</b>				
18.	6.6		Supply and fixing 19 mm dia 2.00mm average wall thickness heavy rigid PVC IS: 9537 Part - III conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) in recessed system including cutting the wall and making good the same as required:	Metre	200.00		

SI No.	Description	Units	Qty	Rate	Amount
	<b>PART - 9</b>	<b>Wiring with P.V.C. insulated unsheathed 1.1 K.V. grade single core copper conductor FR cable in existing surface/ recessed conduit wiring system</b>			
19.		Wiring for Co - axial Jelly Flooded (Unarmoured) (FINOLEX /RR KABEL /NICCO / ANCHOR make) cable in existing surface conduit wiring system including connection etc as required.	Metre	250.00	
		Co - axial Jelly Flooded (Unarmoured) RG 6 (Copper)			
	<b>PART - SB. 10</b>	<b>EPABX</b>			
20.		Supplying ,installation, testing & commissioning of Distribution Box 50 pairs with Kronos ( SIEMENS or equivalent as approved by the Deptt.)	Each	1	
21.		Supplying ,installation, testing & commissioning of 2 pair Unarmoured Telephone Cable through existing conduit in surface/ recess system.	Metre.	800.00	
	<b>PART-10</b>	<b>FITTINGS AND ACCESSORIES (ALL PRODUCTS SHOULD BE ENERGY EFFICIENT AND ENVIRONMENT FRIENDLY)</b>			
22.		Supplying and fixing of 250/305 mm dia (Nominal size flush type circular ceiling fittings complete with holder, Aluminium anodized back plate and brass holder, 20 Watt CFL lamp including connection as approved by the Deptt.)as required. [CL]	Each	22	
23.		Supplying and fixing of Fan box (AKG or equivalent as approved by the Deptt.)with inbuild rod as required.	Each	51	

SI No.			Description	Units	Qty	Rate	Amount
24.			Supplying and fixing of polished Brass Bracket of 18 S.W.G, 25 cm long cast back plate and brass lamp holder complete including connection as approved by the Deptt.)as required Without Lamp/ [ BK ]	Each	14		
25.			Supplying and fitting of 18/20 Watt CFL lamp in the existing batten holder/angle holder/decorative bracket/bulk head fitting/pendent holder etc. as specified and directed by the deptt.	Each	14		
26.			Supplying and fixing of Frosted glass shade of 100 mm dia (Nominal Size as required.	Each	14		
<b>PART- 14</b>			<b>SWITCH GEAR &amp; PROTECTION</b>				
			<b>INDUSTRIAL SOCKETS, DB WITHOUT MCB &amp; MCCB , MCB, RCCB, RCBO, SFU, CHANGE OVER ETC. (C&amp;S, Havells, INDOASIAN, HPL OR EQUIVALENT as approved by the Deptt.)MAKE)</b>				
27.			Supplying with fitting and fixing sheet steel, phosphatised, powder painted Single door surface mounting MCB enclosure incorporated with bas-bar, Neutral link, Earth bar and din rail etc fitted on wall with grouting nuts & bolts as reqd. complete with making necessary connection as approved, specified and directed by the deptt.	Each	4		
			Schneider neo break, C&S, Havells, INDOASIAN, HPL or equivalent as approved by the Deptt.)make)				
			4 way single door				

SI No.	Description	Units	Qty	Rate	Amount
<b>PART-15</b>	<b>MCB DB (ABB, SCHNEIDER MG, LEGRAND, HAGER MAKE) &amp; (SCHNEIDER NEO BREAK, C&amp;S, Havells, INDOASIAN, HPL OR EQUIVALENT MAKE AS PPROVED BY THE DEPTT.)</b>				
	<b>MCB IN-comer SPN DB</b>				
28.	Supplying with fitting and fixing sheet steel, phosphatised, powder painted dust & vermin proof Double door IP-43 surface mounting SPN MCB DB incorporated with bas-bar, Neutral link, Earth bar and din rail etc fitted on wall with grouting nuts & bolts as reqd. complete with making necessary connection as approved, specified and directed by the deptt.				
	ABB, Schneider MG, legrand, Hager make)				
	8 way SPN Double Door	Each	7		
	12 way SPN Double Door	Each	4		
	<b>MCB IN-comer TPN (Horizontal DB)</b>				
29.	Supplying with fitting and fixing sheet steel, phosphatised, powder painted dust & vermin proof Double door IP-43 double door surface mounting TPN MCB DB incorporated with bas-bar, Neutral link, Earth bar and din rail etc fitted on wall with grouting nuts & bolts as reqd. complete with making necessary connection as approved, specified and directed by the deptt.	Each	4		
	ABB, Schneider MG, legrand, Hager make)				
	4 way TPN (4+12) double door				
<b>PART - 16</b>	<b>MCB, MCCB, RCCB, RCBO (ABB, SCHNEIDER MG, LEGRAND, AND HAGER MAKE) &amp; (SCHNEIDER NEO BREAK, C&amp;S, Havells, INDO ASIAN, HPL OR EQUIVALENT MAKE AS PPROVED BY THE DEPTT.) MCB (Conform to IS / IEC 60898-1:200/ MCCB (Conform to IS/IEC 60947- RCCB (Conform to IS/IEC 12640 / 61008)</b>				

SI No.	Description	Units	Qty	Rate	Amount
30.	Supplying with fitting and fixing single Pole 10 KA 240/415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.	Each	92		
	C Series (Schneider MG, legrand, Hager make)				
	6 to 32A				
31.	Supplying with fitting and fixing DP 10 KA 240/415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.				
	C Series (ABB, Schneider MG, legrand, Hager make)	Each	11		
	6 to 32A				
32.	Supplying with fitting and fixing 4P 10 KA 240/415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.				
	C Series (ABB, Schneider MG, legrand, Hager make)	Each	9		
	40A				
33.	Supplying with fitting and fixing 30/100/300mA sensitivity 240/415V 50Hz DP RCCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.				
	100/300mA sensitivity DP RCCB (ABB, Schneider MG, legrand, Hager make)	Each	1		
	25A				
34.	Supplying with fitting and fixing 30/100/300mA sensitivity 240/415V 50Hz 4P RCCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.	Each	10		
	100/300mA sensitivity 4P RCCB(ABB, Schneider MG, legrand, Hager make)				
	40A				

SI No.	Description	Units	Qty	Rate	Amount
<b>PART-22</b>	<b>EARTHING</b>				
35.	Supply, installation & testing of G.I. earth station with perforated 40 mm dia and 4.50 Metre long heavy duty G.I. pipe with necessary 40 mm dia. G.I. Fittings such as Socket, Tee, elbow, nipple and 50 mmx40 mm G.I. reducing socket for funnel including locking arrangement 300 mmx300 mmx6 mm hinged cover C.I. earth plate complete with digging of earth pit, construction of brick chamber and plastering of both inner & outer surface of wall as specified and directed by the deptt .	Each	4		
36.	Supply, installation & testing of Copper Plate earth station with 600 mmx600 mmx3 mm copper earth plate with necessary 40 mm dia. G.I. medium duty watering pipe with G.I. Fittings such as Socket, Tee, elbow, nipple and 50 mmx40 mm G.I. reducing socket for funnel including locking arrangement with 300 mmx300 mmx6 mm C.I. hinged cover plate complete with digging of earth pit, construction of brick chamber and plastering of both inner & outer surface of wall as specified and directed by the deptt .	Each	2		
37.	Extra for using salt (5 K and Charcoal (64 K in pipe Earth Station pit to provide low impedance ground in location of high soil resistivity as and when required and specified by the Deptt.	Each	4		
38.	Extra for using salt (5 K and Charcoal (96 K in G.I./Copper plate Earth Station pit to provide low impedance ground in location of high soil resistivity as and when required and specified by the deptt .	Each	2		

SI No.		Description	Units	Qty	Rate	Amount
39.		Supplying & laying of 6 SWG G.I. earth from Earth Electrode (below G.L.) to electrical switch gears or electrical machineries including making necessary connection as approved, specified and directed by the deptt.	Metre.	100.00		
40.		Supplying & laying of following size 25mmX5mm G.I. strips drawn on surface from earth electrode to Electrical switch gears, machineries etc complete with supply of G.I. nuts & bolts, screws etc including riveting, soldering & making necessary connection as approved, specified and directed by the deptt.	R.M.	100.00		
41.		Supplying & laying of following 25mmX5mm size Copper strips drawn on surface from earth electrode to Electrical switch gears, machineries etc complete with supply of Brass nuts & bolts, screws etc including riveting, soldering & making necessary connection as approved, specified and directed by the deptt.	Metre.	40.00		
42.		Supply, fitting & fixing of Lighting Finial Arrestor made of 25 mm dia 300 mm long solid G.I. tube having 85 mm dia. single prong at top and 3 mm base plate at bottom complete with fitting & fixing with G.I. nuts & bolts on roof, RCC slab, top of column etc. as specified and directed by the deptt.	Each	2		
43.		Supply, fitting & fixing 20 mmx5 mm G.I. strips drawn on vertically or horizontally on building wall/parapet wall in surface system complete with supply of G.I. Nuts & Bolts, Screws etc including riveting, soldering and making connection as approved by the Deptt.)with earth electrode G.I. strips and Lightning Arrestor etc. as specified and directed by the deptt.	Per metre	180.00		

SI No.	Description	Units	Qty	Rate	Amount
	<b>PART- 23 LUMINAIRIES</b>				
44.	Supplying with fitting fixing of CFL/Fluorescent luminaries complete with all accessories such as ballast, starter etc. directly on wall / ceiling including connection as approved by the Deptt.)with 1.5 sq mm P.V.C. insulated S.C. copper conductor as required and as directed by the department.				
	Striplite luminaries complete with VPIT copper ballast/ Electronic ballast and decorative end cap and 1 X 36 / 40 watt Fluorescent tube.(Crompton Greaves make) Model- DSG1114LDB CROMGOLD / DSG1114LDBN CROM GOLD NEW / DSG1314EB CG GOLD / DSG 1414EB PLANET GOLD with Super Saver / Super Brite Lamp. Or equivalent (Equivalent will be selected by the deptt considering the mother items rate) PHILIPS/ WIPRO/ BAJAJ/ Havells/ HPL/ SOLAR/ JAQUAR make. [FL]	Each	41		
45.	Supplying with fitting fixing of CFL/Fluorescent luminaries complete with all accessories such as ballast, starter etc. directly on wall / ceiling including connection as approved by the Deptt.)with 1.5 sq mm P.V.C. insulated S.C. copper conductor as required and as directed by the department.				
	Sleek Box type luminaries complete with Electronic ballast and plastic holder brackets with 1 X 36 / 40 watt Fluorescent tube.(Crompton Greaves make) Model- DJB 1314LDB50 / DJBN1314EB CROMTEK with Super Saver / Super Brite Lamp or equivalent (Equivalent will be selected by the deptt considering the mother items rate) PHILIPS/ WIPRO/ BAJAJ/ Havells/ HPL/ SOLAR/ JAQUAR make. [TL]	Each	16		

SI No.	Description	Units	Qty	Rate	Amount
<b>PART - 27</b>	<b>CEILING FAN, EXHAUST FAN AND AIR CURTAIN</b>				
46.	Supplying including fitting fixing of following A.C. Ceiling fan complete with all accessories like down rod, canopy etc. of following sweeps with making necessary connection as approved by the Deptt.)as required complete and as directed by the Department [Without regulator].				
	Premium model 1200 mm Sweep (ORIENT PSPO make) / Premium model 1050 / 1200 mm Sweep SS-390 Deco Havells make) [ F ]	Each	51		
47.	Supplying including fitting fixing of following A.C. Exhaust fan in the existing hole on the wall of following sweeps with making necessary connection as approved by the Deptt.)as required complete and as directed by the Department.				
	Domestic Ventil Air DB 300 mm sweep (Havells make) [ EF ]	Each	20.00		
48.	Supplying including fitting fixing of following A.C. Wall fan in the wall of following sweeps with making necessary connection as approved by the Deptt.)as required complete and as directed by the Department.				
	(CROMPTON /ORIENT/Havells/USHA or equivalent make)	Each	1		
	Swing platina with plastic blade, 400 mm sweep [WF ]				
49.	<b>MAIN LT PANEL-TRANSIT ACCOMODATION</b>				

SI No.	Description	Units	Qty	Rate	Amount
	Supplying and installation of metal enclosed floor mounted front operated cubical type switch gear panel suitable for indoor installation conforming to IS: 8623 (Part I & II). Panel should be made of sheet steel and thickness not less than 2mm and structural steel having light section. The panel shall be completely dust tight and vermin proof and shall be painted with anti corrosive and anti condensation type two coats of primer and two coats of paint. All wiring shall be PVC insulated and PVC sheathed of 1100 volt grade of required size. The panel should have provision of entry of cable at the bottom and also provision of out going feeders from the bottom of the panel. The panel shall incorporated busbar system of high quality electrolytic copper with uniform cross section. The panel shall consist of the following items (viz. multi function digital voltmeter, ammeter, CT, indicating lamps, selector switch etc.) connected as per drawing and shall be flush mounted on the front of the panel.	Set	1		
	<b>Incomer</b>				
	100A 4P MCCB, 25 KA – 1 No.				
	Bus-Bars:220 Amps TPN electrolytic copper bus bar of uniform cross-section – 1 set (25mmx5mm)				
	<b>Outgoing</b>				
	40A 4P MCB – 6 nos.				
	32A DP MCB – 15Nos.				
	Selector Switch –2 Nos.				
	Digital Multi Function Meter , Ammeter, Voltmeter, PF meter – 4 Nos.				
	CT100A/5A - 1 Sets.				
	Switch Fuse Unit – 3 Nos.				
	LED Indicating Lamp Unit –3 Nos.				
50.	Supplying, installation, testing and Commission of the following indoor LED Decorative Surface Square typed optics down lighter luminaries complete with all accessories such as ballast, starter etc. directly on wall/ceilling including connection mounting with necessary support with 1.5 sq.mm. P.V.C. insulated S.C.copper conductor as required and as directed by the department				

SI No.			Description	Units	Qty	Rate	Amount
			Superior finish extruded white powder coated pressure die cast aluminium body with High transmittivity, non Yellowing PMMA diffuser with driver and accessories pre-wired upto terminal block assembly. LED Luminaires of make WIPRO Cat No. IrisLED SQ SM LD74-151-XXX-65-XX LED 16W or equivalent including lamps etc. complete [CLT]	Each	47		
51.			Supplying, installation, testing and commissioning of the following prewired CFL/Flourescent luminaries complete with all accessories such as ballast, starter etc. directly on wall/ceilling including connection with 1.5 sq. mm PVC insulated single core copper conductor as reqd. and as directed by the Deptt.				
			Superior finish extruded aluminium body with anodised aluminium reflector and aluminium cross louver assembly. CFL Luminaires of make Bajaj Cat No. BSM 218 CFL 'L' type CFL 2 x 18W or equivalent including lamps etc. complete. [DL]	Each	1		
52.			Supply installation testing and commissioning of Brass Bracket Light with decorative shade including supply of 1 no. of 18 W CFL lamp [BKD]	Each	20		
53.			Supply installation testing and commissioning of Brass Bed Side Light of make Decon Cat No. 05 BT or equivalent including supply of 1x60W GLS lamp. [BKB]	Each	28		

SI No.	Description	Units	Qty	Rate	Amount
54.	Supply, installation and testing of Surface mounted Decorative Mirror Lamp for CFL Lamp with CRCA MS white housing with white cover of make Bajaj cat no. BJC111 1x 11W CFL or equivalent with 1 no. 11 W 'S' type CFL lamp as required complete. Rate to include cost of lamps. [ML]	Each	14		
55.	Supplying, installation, testing and commissioning of the following LED luminaries complete with all accessories such as ballast, starter etc. in the ceiling including Y type suspension arrangement as specified by the manufacturer, and fixing the same on ceiling by perfect arrangement for load bearing as well as, to be match with the colour and design of the ceiling, of required length [max. 1.5 m] including making necessary connection cable, as approved by the Deptt.) with 1.5 sq mm. PVC.insulated. S.C.copper conductor as required and as directed by the department. department.				
	Slimmest Suspended Superior finish extruded white powder coated pressure die cast aluminium body with High transmittivity, non Yellowing PMMA diffuser with driver and accessories pre-wired upto terminal block assembly. LED Luminaires of make WIPRO Cat No. AuraPlusLED CRCO13R038HP57G1 31W or equivalent including lamps etc. complete [DTL]	Each	9		
56.	Recessed type Night Lamp / Skirting Light of reputed make with 1 no. of 6W CFL (milky lamp). (NL)	Each	14		
57.	Supply, Installation antistatic rubber mat suitable for 1.1 KV Voltage grade	Sq.M	2.00		
58.	Supply, Fitting Fixing of Shock Treatment Chart	Each	4		
	<b>Grand Total</b>				