पंजाब एंड सिंध बैंक (भारत सरकार का उपक्रम) आंचलिक कार्यालकाय, वाराणसी पता: सी 21/88A, लहुराबीर जिला: वाराणसी- 221001 ई-मेल: zo.varanasi@psb.co.in ੧ਓ ਸ੍ਰੀ ਵਾਹਿਗੁਰੂ ਜੀ ਕੀ ਫ਼ਤਹਿ



PUNJAB & SIND BANK

(A Government Of India Undertaking) **ZONAL OFFICE VARANASI**

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CORRIGENDUM

DATE: 25-08-2025

Subject: Corrigendum for incomplete BOQ in E-TENDER REFERENCE NO: - PSB/ZOVNS/PREMISES/TENDER/04/2025-26

Please find attached Complete BOQ in E-TENDER REFERENCE NO: - PSB/ZOVNS/PREMISES/TENDER/04/2025-26. Missing Pages in earlier BOQ have been revised and attached.

Yours faithfully,
कृते पंजाब एण्ड सिंध बैंक
For PUNJAB & SIND BANK
Chief Manager
मुख्य प्रबन्धक/Chief Manager
आंबेलिक कार्यांत्य, वाराणती/Zonal Office, Varanasi

SUMMARY FOR INTERIOR FURNISHING, ELECTRICAL AND AC WORKS OF PUNJAB & SIND BANK BRANCH OFFICE AT NEW KATRA PRAYAGRAJ

<u>S.NO</u>	<u>DESCRIPTION</u>	AMOUNT (Rs.)
A	SCHEDULE-"A"(FURNISHING WORK)	
	TOTAL SCHEDULE - A	
В	SCHEDULE-""(ELECTRICAL WORK)	
	TOTAL SCHEDULE - B	
С	SCHEDULE-"C"(AC WORKS)	
	TOTAL SCHEDULE - C	
	GRAND TOTAL(SCHEDULE-A+B+C)	
	* GST EXTRA AS APPLICABLE	

	ESTIMATE FOR INTERIOR FURNISHING WORKS FOR PSB BRANCH OFFICE AT NEW KATRA PRAYAGRAJ						
S.No	DESCRIPTION OF ITEM	QTY.	UNIT	RATE	AMOUNT		
A	SCHEDULE - 'A' (FURNISHING WORK)						
	PANELING/PARTITON WORK						
1	WALL PANELING						
1.1	Providing and fixing of paneling on column/wall. Framing shall consist of Aluminium Box Sections 50mm x25 mm x1.5 mm wall thickness (0,583 Kg/m) (Make Jindal/ Hindalco/ Indal) with maximum spacing @ 600mm c/c both ways horizontally and vertically on the column/wall. This framing would be covered by 12mm HDHMR Ply (Moisture content-<8 %, Water Absorption 5% after 2 Hours Soaking)(Make. GREENPLY/ Century / Duro) and finished with 1.0 mm thk. laminate(Make- Archidiam/Century/Greenlam) of desired shade design and gloss of approved makes. Wooden molding, lipping etc.shall be provided wherever required as per drawing in desired shade. The work shall also include the cost of making cutouts for the electrical switches, lights, switch boxes etc. and provision for laying conduit for electrical/telephone/Data cabling etc.including cost of 3mm thick white foam sheet back of aluminium box sections, and 6" wide laminate strip bleow the under line of ceiling on wall 2" wide laminate strip of yellow colour on top surface of it with green colur laminate strip 4" wide below the yellow laminate strip as specified by Architect.	108.70	Sq.m				
	Aluminium Box Sections 50mm x25 mm x1.5 mm wall thickness (0,583 Kg/m) (Make Jindal/ Hindalco/ Indal) with maximum spacing @ 600mm c/c both ways horizontally and vertically on the column/wall. This framing would be covered by 12mm Commercial Ply (Make. GREENPLY/ Century / Duro) and Above 12mm Thk.CNC HDHMR Board (As per Design) Finishing with Royale Matt PU Polish. of desired shade design and gloss of approved makes. Wooden molding, lipping etc.shall be provided wherever required as per drawing in desired shade The work shall also include the cost of making cutouts for the electrical switches, lights, switch boxes etc. and provision for laying conduit for electrical/telephone/Data cabling etc.including cost of 3mm thick white foam sheet back of aluminium box sections, and 6" wide laminate strip bleow the under line of ceiling on wall 2" wide laminate strip of yellow colour on top surface of it with green colur laminate strip 4" as per drawing.						
	Note: Panelling work will not be considered behind storage racks or any hidden portion.						
	TOTAL OF WALL PANELLING WORK						
2	PARTITIONS WORK						
2.1	FULL HEIGHT SOLID PARTITION						
	Providing and Fixing of full height wooden partition made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws.Frame size 50 x 50 MM. Fixing 8mm thick HDHMR ply (Moisture content- <8 %, Water Absorption 5% after 2 Hours Soaking) (Make-GREENPLY/ Century/ Duro) on both sides finished both side with 1.0 mm thk. laminate in approved colour,design, shape and size, inculding all exposed surface with teak lipping 6mm thk as required and instructed by Architect and teak wood door frame in between the partition Complete in all respect and satisfacation of Architect/Engg.	33.75	Sq.m				
2.2	LOW HEIGHT PARTITIONS:						

(a)	Providing and Fixing of low height wooden partition (up to 4'-0" height) made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor with suitable aluminium angles and fastened with steel screws. Frame size 50 x 50 MM with 9mm thick HDHMR Ply (Moisture content- <8 %, Water Absorption 5% after 2 Hours Soaking)(Make. GREENPLY/ Century / Duro) fixed on both sides with screws for the entire height of the partition and finished with 1mm thk Laminate as per approved colour,design, shape and size,inculding on top Teak wood lipping 6mm thk as required to be provided at every exposed section of ply complete in all respect and satisfacation, instructed by Architect/Engg.	6.13	Sq.m	
2.3	12MM THICK TOUGHENED GLASS PARTITIONS			
	Providing and fixing in position 12mm clear float toughened Glass partition (Glass Makes-Modi / Asahi / Saint Gobin) with patch fittings (Makes-Godrej/Dorma/Ozone) for the full height glass partitions with etching as per design fixed with stainless steel wall cladding profile (WCP) at bottom as per the direction of the engineer-in- charge. The work to include making necessary template for all the glasses and then cutting the clear float glass to correct size, making all the necessary holes, cuts etc., then toughened the same.	15.98	Sq.mt	
2.4	CASH CABIN PARTITION			
	Supply & installation of partition wall in cash cabin counter made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor with suitable aluminium angles and fastened with steel screws.Frame size 50 x 50 MM with 9 MM thick BWR Ply finished with 1mm thick Laminate up to 4'.0" ht & then 2'.0'/2'-6" ht 12mm thick glass on top of partition wall fixed with Teak pillars at end.The rates include the doors in between the partition including hardware items like door closures, godrej sylindrical locks etc.complete in all respect. (Refer Architectural drg)	6.50	Sq.mt	
	TOTAL OF PARTITION WORK			
3	TOTAL OF PARTITION WORK DOORS			
3 3.1	DOORS WOODEN FLUSH DOOR			
	DOORS	7.15	Sq.m	
	WOODEN FLUSH DOOR Providing and fixing 35 mm Flush doors with 1.0 mm thk. laminate on both sides as per design. Edges of door to have 6mm thick Teakwood lipping. The item includes Providing and fixing chaukhats made from 75mm x 40mm TEAK wood members. Item includes all following items /finishes: hardware such as 4 nos. 125mm SS hinges, SS tower bolts, Door Closer, Mortise Locks with SS handles (Hettich, Dorset, Godrej). Item includes polishing all wooden surfaces with Deco paint Rubbing poilishing etc including preparing base all complete as	7.15	Sq.m	
3.1	WOODEN FLUSH DOOR Providing and fixing 35 mm Flush doors with 1.0 mm thk laminate on both sides as per design. Edges of door to have 6mm thick Teakwood lipping. The item includes Providing and fixing chaukhats made from 75mm x 40mm TEAK wood members. Item includes all following items /finishes: hardware such as 4 nos. 125mm SS hinges, SS tower bolts, Door Closer, Mortise Locks with SS handles (Hettich, Dorset, Godrej). Item includes polishing all wooden surfaces with Deco paint Rubbing poilishing etc including preparing base all complete as per approval of the Architect/ engineer-in-charge.	7.15	Sq.m	
3.1	WOODEN FLUSH DOOR Providing and fixing 35 mm Flush doors with 1.0 mm thk. laminate on both sides as per design. Edges of door to have 6mm thick Teakwood lipping. The item includes Providing and fixing chaukhats made from 75mm x 40mm TEAK wood members. Item includes all following items /finishes: hardware such as 4 nos. 125mm SS hinges, SS tower bolts, Door Closer, Mortise Locks with SS handles (Hettich, Dorset, Godrej). Item includes polishing all wooden surfaces with Deco paint Rubbing poilishing etc including preparing base all complete as per approval of the Architect/ engineer-in-charge. 12MM THICK TOUGHENED GLASS DOORS: Installation of fully glazed frameless glazed door (Single or double leaf of size as mentioned in drawing and as directed by the Architect) made out of 12 mm thk. Toughened glass and the door shall be fixed with Dorma , Hafele , Enox or approved make floor springs with SS finish patch fittings on top, bottom. Lock shall be of Dorma , Hafele, Enox or approved make. The door shall have lock in the center of approved make with 450 mm to 600 mm long SS handle of 25 mm dia. (for internal doors) and 900 mm long SS handles of 25 mm dia. (for main entry doors) to be fitted horizontally/ vertically as per instructions of the Architect. The Rate shall be including the making of necessary holes in glass for Access control locks, complete in all respect with all hardware, fittings, fixtures etc. complete in all respects. All necessary hardware, fittings, fixtures to be approved from the Architect or Bank's Officials before actual application of the same. Any change in the specifications must be first approved from the Architecta and the bank.			
3.1	WOODEN FLUSH DOOR Providing and fixing 35 mm Flush doors with 1.0 mm thk. laminate on both sides as per design. Edges of door to have 6mm thick Teakwood lipping. The item includes Providing and fixing chaukhats made from 75mm x 40mm TEAK wood members. Item includes all following items /finishes: hardware such as 4 nos. 125mm SS hinges, SS tower bolts, Door Closer, Mortise Locks with SS handles (Hettich, Dorset, Godrej). Item includes polishing all wooden surfaces with Deco paint Rubbing poilishing etc including preparing base all complete as per approval of the Architect/ engineer-in-charge. 12MM THICK TOUGHENED GLASS DOORS: Providing & fixing TOUGHENED GLASS DOORS: Installation of fully glazed frameless glazed door (Single or double leaf of size as mentioned in drawing and as directed by the Architect) made out of 12 mm thk. Toughened glass and the door shall be fixed with Dorma ,Hafele , Enox or approved make floor springs with SS finish patch fittings on top, bottom. Lock shall be of Dorma , Hafele, Enox or approved make. The door shall have lock in the center of approved make with 450 mm to 600 mm long SS handle of 25 mm dia. (for internal doors) and 900 mm long SS handles of 25 mm dia. (for main entry doors) to be fitted horizontally/ vertically as per instructions of the Architect. The Rate shall be including the making of necessary holes in glass for Access control locks, complete in all respects. All necessary hardware, fittings, fixtures etc. complete in all respects. All necessary hardware, fittings, fixtures to be approved from the Architect or Bank's Officials before actual application of the same. Any change in the specifications must be first			

	(Measurement shall be taken of the plan area only) Suspending system and frame work shall match to compliment the layout of A.C. Ducts / grills, electrical / fire protection wiring / fixtures, Return /supply Air grills etc. Rate to include provision of extra frame work needed due to layout referred above and fixtures etc. Rates to include necessary scaffolding.				
4.1	GYPSUM BOARD FALSE CEILING				
	Providing & fixing Gypsum Board False ceiling with Saint Gobain "ULTRA" Main ceiling sections at 1200 c/c & Cross members at 450 c/c. The grid work to be suspended from ceiling with Hangers at every 1200 c/c both directions, as per manufacturer's specifications. False ceiling is finished with 12.5 mm thk. to be screwed to the frame. The board is finished with filling the tapered edges of the board with jointing compound and finishing with PAPER tape of INDIA GYPSUM. The ceiling is finished with acrylic Emulsion Paint including base as per approved manufacturer. The item includes all necessary cut outs for electrical / air conditioning grills and necessary frame work for them. Item includes Coves, curves, drops etc. (Only Plan area is considered for area calculations)	113.70	Sq.m		
4.2	FALSE CEILING (ARMSTRONG CEILING)				
	Providing & Fixing of Armstrong Mineral Fibre Suspended Ceiling System with Dune RH 99 (Bevelled Tegular) Edge Tiles with Armstrong 15mm exposed GRID. Size-600x600x16 mm. The tiles should have Humidity Resistance (RH) of 99%, NRC 0.5,Light Reflectance 83%, Thermal Conductivity k = 0.052 - 0.057 w/m K, Colour White, Fire Performance UK Class 0/Class 1 (BS 476 Part 6 & 7), in module size of 600x600 x 16mm with Anti Microbial coating on the face of the tile, suitable for Green Building application,with Recycled content of 39%. The tile shall be laid on Armstrong Suprafine XL 38 with 15MM wide T - section flanges colour white having rotary stitching on all T sections i.e. the Main Runner & 1200 mm Cross Tees with a web height of 38mm and a load carrying capacity of 14Kgs/M2 & minimum pull out strength of 100Kgs. The T Sections have a Galvanizing of 90 grams per M2 and need to be installed with Suspension system of Armstrong make. INSTALLATION: To comprise main runner spaced at 1200mm centres securely fixed to the structural soffit using Armstrong suspension system (specifications below) at 1200mm maximum centre. The First/Last Armstrong suspension system at the end of each main runner should not be greater than 450mm from the adjacent wall.	25.27	Sq.m		
	Flush fitting 1200mm long cross tees to be interlocked between main runners at 600mm centre to form 1200 x 600 mm module. Cut cross tees longer than 600mm require independent support. 600x600mm module to be formed by fitting 600mm long flush fitting cross tees centrally between the 1200mm cross tees. Perimeter trim to be Armstrong wall angles of size 3000x19x19mm, secured to walls at 450 mm maximum centres. Installation to be carried out by Armstrong Trained Installation team & Installation should be carried out as per Armstrong recommended procedure. ARMSTRONG SUSPENSION SYSTEM accessories manufactured and supplied by Armstrong World Industries consisting of M6 Anchor Fasteners with Vertical Hangers made of Galvanised steel of size 26 x 26 x 25 x 1.2mm with a Galvanised Thickness of 80gsm, A pre tightened Hanger wire of dia – 2.5 mm of 1.8 m length., thickness of 80gsm and a tensile strength of 344-413 MPa, along with Adjustable hook clips of 0.8mm thick, galvanised spring steel for 2.68 mm with a minimum pull strength of 110 kg. The adjustable clip also consists of a 3.5 mm aquiline wire to be used with the main runner.				
	TOTAL OF CEILING WORK			•	
5.	TABLE & FURNITURE				
5A	All Tables/ Counters/Work stations to have 25 mm thk. Post form laminated MDF board and 19mm thk. commercial ply at sides, modesty and 1.0 mm thk. laminate finish on exposed vertical surfaces. 1.5 mm thk. Laminate on				
	horizontal surfaces along with 0.8 mm thk. white laminate on inside surface. TABLE TOP				

		1		T	1
	Table top shall be made from minimum 25mm thick post form laminated MDF board . All edges shall have machine-applied minimum 2mm thick PVC edge lipping. Top should have MS ivory/ matching to top powder coated wire manager.				
	MODESTY PANEL				
	The Modesty panel will be of 19 mm commercial ply with laminate both sides as per pattern. All exposed edges shall be lipped with minimum 2.0mm thick machine pressed PVC edge banding and other edges shall be finished with minimum 0.8mm edge banding. These shall be fitted in the region between Drawer Pedestal and Side Unit.				
	DRAWER PEDESTAL				
	Drawer Pedestal to be made from 12 mm thk. commercial ply with 19mm thk. commercial ply FASCIA with 1.0 mm thk. laminate finish as per approval complete inside and outside. It shall have two small upper drawers and one bigger filing drawer at bottom. All exposed edges shall be lipped with minimum 2.0mm thick PVC edge banding. The back and sides of drawer units should be in same height as front. The drawer movement will be on telescopic Channel. All telescopic channels should be of hettich and all hinges should be "ecomat clipon hinges" of Hettich for cabinet shutter. Each Pedestal unit will be provided with a centralized locking mechanism comprising of a multi-drawer lock fitted in the uppermost drawer fascia (of Godrej). All 3 drawer fascia shall be provided with				
	stainless steel handles .				
	SIDE RACK				
	Side storage unit Outer casing shall be made from minimum 19mm thick commercial ply, complete laminated inside and outside, with top in 25 mm post form laminated MDF. All exposed edges shall be lipped with minimum 2.0mm thick PVC edge banding. The unit will be provided with lockable shutters. Shutters shall be having with "C"-shaped stainless steel handles of minimum 96mm length and locks complete as per drawing complete in all respect.				
	CPU TROLLEY				
	Providing and placing heavy duty CPU trolley, (125mm to 240mm adjustable CPU trolley made out of MS with white powder coating and lockable castors)				
	KEY BOARD TRAY				
	Providing and installing 2'-6" wide, 16" deep wooden laminated wooden key board, with heavy duty telescopic channels of approved make as specified, made out 9mm thk. Comm. Ply having 1 1/4" laminated edge at front and sides.				
5.1	MANAGER TABLE With Side Rack:	1	Nos		
	Providing & fixing Manager table (6'-0" X 2'-9") Ht. 2'-6" and side Rack with CPU trolley, drawer pedestal and key tray etc. complete in all respect as specified above and as per details. Rates to include Manager table top, and side unit top should be finished with 12mm thk. high density acrylic (Dupoint/ samsung/ Marino) and rest of structure is laminated as specified above.				
5.2	WORKING COUNTER	4	Nos		
	Providing & fixing working counter each (4'-0"x2'-6") height 2'-6" with readymade CPU trolly, Chest of drawer and keyboard provision complete in all respect as specified above item (5a) and as per detail dwg. The work shall also include				
	provision of Profile Lights in front of Counter/ Tables				
5.3					
5.3	provision of Profile Lights in front of Counter/ Tables FRONT VERTICAL/ HORIZONTAL 12 MM GLASS AT FRONT COUNTER - (with	3.71	Sqm		
5.3	provision of Profile Lights in front of Counter/ Tables FRONT VERTICAL/ HORIZONTAL 12 MM GLASS AT FRONT COUNTER - (with provision for 3" slit horizontally throughout for customer interaction) Providing and fixing 12mm thick clear glass at FRONT STAFF COUNTER inserted inside of low height partition with SS - 'D' clips, including polishing of all open edges of glass as per drawing & as directed. (Including beveling and	3.71	Sqm		

	Providing & fixing two level Cash Counter as per layout plan, Writing top, Upper top, front projected face, sides and front apron all shall be made of 19mm thick comm. ply wood. Writing top and upper top, shall be made of 25 mm thk. post form laminated MDF Board of approved shade with approved edge profile as per approval. Sides and front apron Shall be made of 19mm thick comm. plywood The counter shall have CPU trolley, foot rest, key board tray as per specified above. Drawer unit consist of three drawer with telescopic sliding channels with all around boxing made of 19mm thk. Ply wood with vertical support of the table as one side. Top drawer to have a provision of dividers to keep cash. Rest drawer specifications same as per item no.5a. The item to include a mirror above working top size 2'x1'. And soft board with fabric mounted above at inside area. All exposed surfaces shall have to be laminated. (Size 4'-6" x 2'-9" deep and writing top at 2'6" ht. and upper top at 3'-9" ht.)	1.4	Rmt	
	TOTAL OF TABLE WORK			
6	STORAGE			
6.1	LOW HEIGHT STORAGE CABINETS/ BACK STORAGE: (2'-6" HIGH)			
	Providing and fixing Low Height storage cabinets of size 2'-6"(High)x 1'-6"(Deep) along the walls/ partitions, as per interior drawings, using 19mm Commercial Ply (Makes-Century/Green ply/Archid) for shutters, vertical and horizontal partitions, 6mm Commercial ply for the back side. Finishing with 1.0 mm thick Laminate (Makes- Archidiam/Century/Greenlam) of approved shade on top, vertical and horizontal visible surfaces and 0.8mm thick laminate on inside. The shutters shall be overlaping on the carcase and shall be provided with suitable hinges with autoclose & soft close. The width of the shutter shall be between 12" to 15" as per the site conditions. All the internal surfaces shall be finished with 0.8mm thick mica(Make- Archidiam/Century/Greenlam)of desired shade, design, gloss. All the exposed wooden surfaces shall be malamine polished in desired shade as per specifications given in item 2.1(c). The cabinet shall be complete with 4" handles, knobs, locks, Hings and magnet catchers (Makes- Godrej/ Dorset/ Dorma) etc.to the satisfaction of the Architect-in charge.	4.87	Sq.m	
6.2	FULL HEIGHT STORAGE CABINETS			
	Providing and fixing Full Height storage cabinets of size 7'-0"(High) X 1'-6"(Deep) along the walls/ partitions, as per interior drawings, using 19mm Commercial Ply (Makes-Century/ Green ply/ Archid) for shutters, vertical and horizontal partitions, 6mm Commercial ply for the back side. Finishing with 1.0 mm thick Laminate (Makes- Archidiam/Century/Greenlam) of approved shade on top, vertical and horizontal visible surfaces and 0.8mm thick laminate on inside. The shutters shall be overlaping on the carcase and shall be provided with suitable hinges with autoclose & soft close. The width of the shutter shall be between 12" to 15" as per the site conditions. All the internal surfaces shall be finished with 0.8mm thick mica(Make- Archidiam/Century/Greenlam)of desired shade, design, gloss. All the exposed wooden surfaces shall be malamine polished in desired shade as per drawings. The cabinet shall be complete with 4" handles, knobs, locks, Hings and magnet catchers (Makes- Godrej/ Dorset/ Dorma) etc.to the satisfaction of the Architect/Engineer.	27.13	Sq.m	
6.3	OVER-HEAD STORAGE			
	Providing and fixing OVER HEAD STORAGE cabinet 380mm deep and 750/900mm high length as/deign as shown in details with all sides, shelves to be 18-19 mm thk. BWR ply with 6mm BWR ply to be fixed at the back with 0.8mm laminate. The shutters to be 18-19mm BWR ply, with 1.0 mm thk laminate/High gloss laminate. All internal surfaces to be finished with white Paint. All edges of sides, shelves and shutters to have 2mm PVC Edge binding tape as per details, complete including S.S. long handles, self closing hinges, locks, etc. complete to the satisfaction of Architect /Bank's Engg. Only front elevation to be considered for area calculation.	1.95	Sq.m	
6.4	WOODEN BOXING FOR THE ELECTRICAL PANEL			
	TOODET BOAING FOR THE BEEGINGALI ANDE			

	Providing and fixing at site wooden boxing for the electrical panel as per the design and drawing. The carcase shall be made of 19mm thick commercial ply with Above 6mm Thk.CNC HDHMR Board (As per Design) Finishing with Royale Matt PU Polish. of desired shade design and gloss of approved makes. Wooden molding, lipping etc.shall be provided wherever required as per drawing in desired shade. The work shall also include the cost of making cutouts for the electrical switches, lights, switch boxes etc. The carcase shall have intermediate band and skirting of 1mm thick Laminate of desired shade, design and gloss. The shutter shall be mounted on the SS Piano hinges and provided with magnetic catcher, lock and tower bolts as required etc. All the visible edges of board shall be provided with 4mm thick teak wood lipping with PU Polish. All interior surfaces and back of shutters shall be provided with 0.8mm thick mica. the cabinet shall be complete with all necessary hardwares like locks,handles, catchers, towerbolts etc. Measurment will be done for front surface area. size: 8'-0" X 4'-0")	2.97	Sq.m	
6.5	TROPHY CASE 1'-6"x6'-0" HIGH FOR BRANCH MANAGER.			
	Trophy Case of size (18" W, upto ceiling height) made up of 19mm thk. commercial ply using 4mm thk Veneer with Partition made in 12" gap from each other. All exposed veneer and wooden surfaces shall be PU poilshed inluding, i.finsihing all nails and glue marks ii) rubbing of surfaces iii) finishing of any depressions with putty iv) finishing of putty surface v) spraying uniformly one coat of sealer v) rubbing the surface properly and if required Complete with closing of all joints and accessories complete in all respect as per direction of Engineer-In-Charge. Measurment will be done for front surface area. The work shall also include provision of Profile Lights on the display cabinet as per the design.	0.83	Sq.m	
	TOTAL OF STORAGE WORK			
7	FURNITURE			
7.1	3 SEATER Sofa - Supply & installation as per layout plan three seater sofa with SIZE: 2010(W) X 900(D) X 850(H). Inner solid Frame structure made of high quality wood. The wood is kiln chemical treated tropical Meranti wood. The legs are made of rubberwood having melamine matt finish. The seat cushion is made of 7 inches multi layered foam of density 32D 23D 32D and HD with polyester polyfill outer layer of 180 gsm. The polyester polyfill keeps the upholstery wrinke free and soft. The seating cushions have 3 inches of elastic webbing of 350 gsm with diagonal weave. The thread used is nylon bonded to provide lasting stitch strength. Backrest:2" elastic webbing (250 gsm) with diagonal Weave and 3" foam (23D) with Polyester polyfill outer layer (180 gsm). Outer finish:stained solid wooden legs superior quality. Frame construction: Kiln seasoned mixed meranti solid tropical hard wood SEAT Webbing 3" diagonal pattern webbing Foam: 7" Multilayered foams Having 4" of High Resilience-HD Foam and 3" of HD virgin PU Foam. BACKREST: Webbing 2" elastic webbing, Foam: 18D PU foam Upholstery: semi PU with layer of polyester polywadding Stitiching Nylon thread, Legs Solid kiln seasoned and treated Solid wood with Melamine Matt Finish.	2	No.	
7.2	High Back Mesh Chair with revolving, Hydraulic, vadjustable arms with Headrestas as per Picture. (Basic rate Rs. 7000)	1	Nos	
7.3	Medium Back Mesh Chair with revolving, Hydraulic, adjustable arms without headrest as per Picture.(Basic rate Rs. 6000)	12	Nos	

7.6 CORNER TABLE: Supplying and placing in position of Durian Make Contemporary Chic design Wooden Side Table as per photograph. Table size 450mmL x 450mmD x 450mmH, table shall be Wooden framed frosted glass top and base square shaped. Complete as per direction and satisfaction of Architect in charge. TOTAL OF FURNITURE WORK 8 ENAMEL PAINT	
8 ENAMEL PAINT	
a Providing and applying three coats of 1st quality Synthetic Enamel Paint on rolling shutter including scraping the surface clean, applying putty, complete as per instructions of the architect/engineer-in-charge.	
MISCELLANEOUS WORK	
9 PIN-UP BOARD	
Providing and fixing 12 mm thick soft board over 12 mm thick commercial ply (Makes-Century/Green ply/Archid) fixed in wooden frame made out of commercial champ wood out of size 2.5 " x 1.5" (duly polished). The work shall be completed by covering the soft board with fabric of approve shade.(basic rate of Cloth to be Rs. 1200/- Sq.Mtr.)	
10 BANK LOGO	
Providing & fixing of PSB Signage made of 3mm Acrylic sheet with LED Panels for Back light of logo of size (2'x3') behind Reception Table complete as approved by Bank's Architect /Engineer In-charge.	
11 SUGGESTION BOX:- (450 x 300 x 250) : Providing and fixing suggestion box made out of 19mm BWP ply and finished with 1mm laminate and enamel painted on the inside. A 300 mm long slit is to be made in the front for letters, etc.The work should be completed in all respects.	
12 WRITING LEDGE:- Providing and Fixing Writing ledge made BWP box of size 900 mm x 300 mm x 200 height finished with 1 mm thick mica with a provision of 4 nos divisions for voucher and 12 mm glass on top fixed with 3" high SS spacers (in ATM and BRANCH) as per architect.	
13 CHEQUE DROP BOX:- Providing and Fixing one cheque drop box made out of 19 mm thick BWP duly laminated with all hardware fitting and fixtures. Size 450 x 300 x 250 mm	
14 3M FILM ON GLASS OF ANY THICKNESS	
Providing and fixing high quality polyster based 3M Glass Deco film (lazer cut) in graphic pattern in Branch front entrance door glass & fixed glazing including labour, wastages etc. all complete as per instructions of Architect/ Bank's Engineer.	
15 ACP ON WALL/COLUMN & SHUTTER BOXING	

3D CONSTRUCTION AND INTERIORS

ARCHITECTS AND INTERIOR DESIGNER

	Providing and fixing Aluminum Composite Panel (Makes- Alstrong/ Alucbond/ Alstone/ Armstrong) as per the approved makes wall cladding with the 3mm thick PVDF coated aluminum composite panel (ACP) (0.25 mm coil thick) with frame of aluminum channels (25 x 50 x 1.5 mm), (Make Jindal/ Hindalco/ Indal)cleat angle (8 x 18 x 2mm) necessary hardware, backup material and weather Sealant (Makes- Dr.Fixit, Asian paint, Ardex Endura) the joints leak proof. The spacing for the channel along the length and spacing of cleat on the perpendicular shall not be more than 600mm.	15.98	Sq.m	
16	SIGNAGE DP-MCB WITH TIMER UNIT			
	Supplying, installing, testing & commissioning of Timer with Dp- MCB (20 amp) and metal enclosure Box, complete with cable termination, lugging, harewares and accessories.(make L&T, Havells, Legrand)	1	No.	
	TOTAL OF FURNISHING WORK (A)			

	ESTIMATE FOR ELECTRICAL WORKS								
S.No	DESCRIPTION OF ITEM	UNIT	QTY.	RATE	AMOUNT				
	SCHEDULE - 'B' (ELECTRICAL WORKS)								
A)	MV PANEL BOARDS								
B)	MV CABLES								
C)	DISTRIBUTION BOARDS								
D)	POINT WIRING				1				
E) F)	TELEPHONE SYSTEM COMPUTER DATA NETWORKING								
G)	SUPPLY & INSTALLATION FANS FIXTURES &								
H)	EARTHING								
I)	FIRE FIGHTING								
J)	SECURITY ALARM SYSTEM								
K)	CCTV CAMERA								
L)	DISMANTALING								
A)	MV PANEL BOARDS Design, fabrication, loading, unloading at store, installation, testing &								
	commissioning as directed by Engineer-in-Charge, of LT Panels fabricated out of 2mm thick for structural members (Load bearing members) and 1.6mm thick for door and covers (Non load bearing members) CRCA sheet in cubicle compartmentalize free standing floor mounted, dust and vermin proof with reinforcement of suitable size angle iron, channel 'T' irons and / or flats wherever necessary, 16 gauge CRCA sheet steel shall be used for final distribution panels. Cable gland plates shall be provided on top as well as at the bottom of the panels. Panels shall be treated with all anticorrosive process before painting as per specifications with 2 coats of zinc chromate primer and final approved shade of enamelled paint. 2 Nos. earthing terminals shall be provided for all distribution panels. Panels shall be suitable for 415V, 3-phase, 4-wire, 50Hz supply system and with 15% spare space, lifting hooks shall also be provided in case of large panels. Panel must be BMS/FAS Compatible.								
	General Notes:								
1.0	MCCB:								
1.0	MCCBs shall be used with Thermal Magnetic Based releases upto 250A								
	and microprocessor based Over Load, Short Circuit / Earth Fault release.								
2.0	Breaking capacity mentioned is lcs value.								
3.0	This BOQ to be read in conjunction with technical specifications and Single Line Diagram (attached for reference). If any discrepancy occurs that should be brought to the notice of Client/Consultant before quoting the price otherwise stringent condition will be deemed to have been								
4.0	All MCCBs shall be provided with rotary operating handle and ON/OFF								
5.0	All meters shall be digital type (unless otherwise specified) with RS 485								
6.0	All Incoming and outgoing breaker must have provision of Potential free contacts for BMS/FAS.								
7.0	All MCBs shall be motor duty type.								
8.0	All current/voltage transformer shall be cast resin type.								
9.0	All indicating lamps shall be LED type. Current density for Al. bus bars shall not be more than 0.8A/Sqmm. Rating of Bus bar is after considering all derating factors. (Bus bar sizing calculation to be								
11.0	All internal control wiring shall be heat resistant type.								
12.0	All TP feeders shall be provided with Isolable neutral link.								
13.0	Bus bar chamber & cable entry both shall be provided at top only.								
	All feeders shall be provided with door interlocked with door defeat, pad lock facility.								
15.0	Live parts shall not be accessible after opening the door, Transparent acrylic sheet to be provided to cover the same.								
16.0	Spare contacts of MCCBs / Relay / Contactor shall be wired upto terminal								
17.0	20% spare control terminal to be provided.								
18.0	All incoming/outgoing cables shall be terminated on links/terminals.								
A)	MV PANEL								
I.	INCOMING								

(b)	1 No- 125 4pole Changeover Switch		I	T	1
p)	1 No125 Apole Changeover Switch 1 No125 Amp 4 pole Cu. Bus Bar				
c)					
II.	METERING & INDICATION SEB				
a)	CT for metering 120/5A Class-1, 15VA - 3 Nos.				
b)	Multifunction Meter-1 no.				
c)	Red, Yellow & Blue indicating lights with control MCB of 2A - 1 Set				
III	OUTGOING				
a)	63 A TPN MCB (10KA) - 3 No.				
b)	40A TPN MCB (10KA) -`1 Nos.				
c)	4 Pole ELCB/RCCB 100 M Amp , 1 Nos of Siemems/ L&T/Sneider	Nos	1.00		
0,	Including all accessories neutral links etc all complete including dressing	Nos	1.00		
	TOTAL CARRIED OVER TO SUMMARY			(A)	
B)	MV CABLES				
1	Supplying, Laying, testing & commissioning of the following sizes of XLPE Al. Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with hangers, properclamps fixing hardware etc. as required				
a)	4 C x 35 Sq. mm Al. Cable	R/mt	20.00		
b)	4 x 10 sqmm Copper Wire with 50 mm conduit	R/mt	25.00		
c)	4 x 6 sqmm Copper Wire with 25 mm conduit	R/mt	40.00		
2	Suppling, making, testing & commissioning of end termination with brass mettalic double compression glands suitable for the following sizes of XLPE Al. conductor arnoured cables including proper sizes of copper thimbles etc. as required.				
a)	4 C x 35 Sq. mm Al. Cable	Nos	4.00		
b)	4 x 10 sqmm Copper Wire	Nos	4.00		
c)	4 x 6 sqmm Copper Wire	Nos	4.00		
	TOTAL CARRIED OVER TO SUMMARY			(B)	
C)	DISTRIBUTION BOARDS				
	Supplying, installation, testing & commissioning of following type wall mounted Horizontal TPN/SPN distribution board of double door type design made out of 16 gauge MS sheet with supplying and fixing following accessories including painting, interconnections, painting, earthing and labeling etc. as required.				
1.0	4 WAY TPN DB (PDB)				
	Incoming				
a)	63Amp TPN MCB (10KA) - 1 No				
b)	63Amp 4P RCCB (30mA) -1 Nos Busbars				
c)	100 Amp TPN copper busbars - 1 Set				
/	Outgoing				
d)	10/16/20/25 Amp SP MCB (10KA) - 12 Nos	Set	1.00		
	Neutral links - 3 Nos (Separate for each phase)				
2.0	4 WAY TPN DB (LDB)				
	Incoming				
a)	40Amp TPN MCB (10KA) - 1 No				
b)	40Amp 4P RCCB (30mA) - 1 Nos	_			
	Busbars				
c)	1400 A TDN LL 4 O. '				1
I	100 Amp TPN copper busbars - 1 Set				
d)	Outgoing	Sat	1 00		
d)		Set	1.00		
d) 3.0	Outgoing 10/16/20/25 Amp SP MCB (10KA) - 12 Nos	Set	1.00		
	Outgoing 10/16/20/25 Amp SP MCB (10KA) - 12 Nos Neutral links - 3 Nos (Separate for each phase) 4 WAY TPN DB (UPS) Incoming	Set	1.00		
	Outgoing 10/16/20/25 Amp SP MCB (10KA) - 12 Nos Neutral links - 3 Nos (Separate for each phase) 4 WAY TPN DB (UPS)	Set	1.00		
3.0	Outgoing 10/16/20/25 Amp SP MCB (10KA) - 12 Nos Neutral links - 3 Nos (Separate for each phase) 4 WAY TPN DB (UPS) Incoming 40Amp TPN MCB (10KA) - 1 No 40Amp 4P RCCB (30mA) - 1 Nos	Set	1.00		
3.0 a)	Outgoing 10/16/20/25 Amp SP MCB (10KA) - 12 Nos Neutral links - 3 Nos (Separate for each phase) 4 WAY TPN DB (UPS) Incoming 40Amp TPN MCB (10KA) - 1 No 40Amp 4P RCCB (30mA) - 1 Nos Busbars	Set	1.00		
3.0 a)	Outgoing 10/16/20/25 Amp SP MCB (10KA) - 12 Nos Neutral links - 3 Nos (Separate for each phase) 4 WAY TPN DB (UPS) Incoming 40Amp TPN MCB (10KA) - 1 No 40Amp 4P RCCB (30mA) - 1 Nos Busbars 100 Amp TPN copper busbars - 1 Set	Set	1.00		
3.0 a) b)	Outgoing 10/16/20/25 Amp SP MCB (10KA) - 12 Nos Neutral links - 3 Nos (Separate for each phase) 4 WAY TPN DB (UPS) Incoming 40Amp TPN MCB (10KA) - 1 No 40Amp 4P RCCB (30mA) - 1 Nos Busbars 100 Amp TPN copper busbars - 1 Set Outgoing	Set	1.00		
3.0 a) b)	Outgoing 10/16/20/25 Amp SP MCB (10KA) - 12 Nos Neutral links - 3 Nos (Separate for each phase) 4 WAY TPN DB (UPS) Incoming 40Amp TPN MCB (10KA) - 1 No 40Amp 4P RCCB (30mA) - 1 Nos Busbars 100 Amp TPN copper busbars - 1 Set	Set	1.00		

	(Separate for each phase)				
4.0	12 WAY DB BOX FOR LIGHT - ATM				
a)	63Amp TPN MCB (10KA) - 1 No	Set	1.00		
b)	16/32 Amp SP MCB (10KA) - 8 Nos				
5.0	40 Amp. 2 P ,25ka MCB with Box for UPS	Set	2.00		
	TOTAL CARRIED OVER TO SUMMARY			(C)	
4.0	POINT WIRING				
1.0	Wiring for switch controlled Light Point with 3 x 1.5 Sq. mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in PVC surface/recessed conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting and including the cost of supplying and fixing a 6 Amp 240 Volt grid plate mounted switch with moulded cover plate in zinc chromate passivated MS box, and costing circuit wiring with 3 x 2.5sq. mm 1100 volt grade PVC insulated FRLS Multistrand copper conductor wires, inPVC conduit complete as per specifications and as required.				
i)	Primary Point	Points	20		
ii)	Secondary Point	Points	25		
2.0	Wiring for 5 pin 6 A Light plug point with 3 x 1.5 Sq.mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in recessed/surface FRLS PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 3 pin 6 A socket outlet controlled by 6 A switch in zinc chromate passivated MS box, and circuit wiring with 3 x 2.5 sq mm complete as per specfications and as required.	Points	8		
	Wiring for 3 nos. 5 pin 6 A Light plug point controlled by 6 A Switch with 3 x 2.5 Sq.mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in recessed/surface PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 3nos.5 pin 6 A socket outlet controlled by 6 A switch in zinc chromate passivated MS box, and circuit wiring with 3 x 2.5 sq mm complete as per specifications and as required.	Points	12		
3.0	Wiring for following. 6 pin 6/16 A Power plug point controlled by 1 No. 16A Switch with 3 x 4.0 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in recessed/surfacePVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 6 pin 16 A socket outlet controlled by 1 No. 16 A switch in zinc chromate passivated MS box, complete as per specification and as required	Points	10		
4.0	Wiring for ceiling/wall fan Point with 3 x 1.5 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in surface / recessed, PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting and including the cost of supplying and fixing a 6 Amp 240 Volt grid plate mounted switch & 300W electronic regulator with moulded cover plate in zinc chromate passivated MS box, and including the cost of circuit wiring with 3 x 2.5sq. mm 1100 volt grade PVC insulated FRLS multi strand copper conductor wire, inPVC conduit complete as per specifications and as required.	Points	8		
5.0	Wiring for exhaust fan Point with 3 x 1.5 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in surface / recessed PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting and including the cost of supplying and fixing a 6 Amp 240 Volt grid plate mounted switch with moulded cover plate in zinc chromate passivated MS box, and including the cost of circuit wiring with 3 x 2.5sq. mm 1100 volt grade PVC insulated FRLS multi strand copper conductor wire, inPVC donduit complete as per specifications and as required.	Points	3		
6.0	Wiring for 20A Single Phase metal clad socket outlet with 2 x 6 +1 x 2.5 sqmm PVC insulated FRLS multistrand copper wire of 1100 volt grade in surface / recessed PVC conduit pipe with accessories including supply and fixing 20A 3pin metal clad plug and socket and 20A SP MCB (MD) in IP 44 Poly carbonate box complete as per specification and as required.	Points	6		

	TOTAL CARRIED OVER TO SUMMARY			(D)	
5.0	LAN & TELEPHONE SYSTEM				
1.0	Supply and fixing of RJ11 moduler Telephone outlet in Zinc chromate passivated M.S. Box and Modular Plate including cost of M.S.box, modular plate and connections etc as required.	Points	6		
2.0	30 pair telephone tag block	No.	1		
3.0	Supplying & laying the following sizes of PVC insulated and overall sheathed taped telephone cables of 0.51mm dia size inPVC conduit recessed in wall or on surface of wall including cutting the chases in making good the same and connection etc. complete as required. (From TTB on Ground Floor to Upper Floor)				
a)	CAT 6 telephone wire	RM	154.00		
b)	10 Pair telephone cable	RM	25.00		
	TOTAL CARRIED OVER TO SUMMARY			(E)	
F)	COMPUTER DATA NETWORKING				
1.0	Supply & fixing the following size of PVC 25mm dia conduit in Floor/Surface of wall, including cutting the Floor/Wall and make the good the same as required (For Switcher to Data point.) Supply and fixing flush steel box for computer data outlet dully recessed in wall complete computer outlet RJ 45 including connect etc. required.	Nos.	12		
2.0	Supply and drawing of cat 6 Data cable in PVC conduit with suitable clamp and saddles and other accessories required making connection on both the ends.	Mtrs	248		
3.0	Supply of Cat -6 D-Link patch cord 7' 0" (ATM 1No)	Nos.	12		
4.0	Supply of Cat -6 D-Link patch cord 3 '0" (ATM 1No)	Nos.	12		
5.0	12U Rack (D Link)	Nos.	1.00		
6.0	24port Patch Panel (D Link)	Nos.	1.00		
	TOTAL CARRIED OVER TO SUMMARY			(F)	
G)	SUPPLY & INSTALLATION FANS FIXTURES & LIGHTS				
1	Supply & installation , testing & commissioning of wall Mounted Fan 500mm Sweep. complete with all accessories such as blades, canopy etc.Connection with 3 x 1.5 sq mm FRLS PVC insulated multistranded copper conductor wires from the socket outlet to the fan earthing etc. complete as required.(Wall Mounted Fans Bracket fans sweep 500 mm)	Nos.	7.00		
2	Supply, installation and fixing of 70W ceiling fan with sweep 1200mm/600mm CG make with all connections and anchor fasteners, fan hooks, down rods etc as required as per drawing.	Nos.	1.00		
3	Supply & installation, testing & commissioning of 12/9" Exhaust fans on existing opening in wall including all fixing hardware, louvers, shutters etc. Connection with 3 x 1.5 Sqmm FRLS PVC insulated multistranded copper conductor wire from the socket outlet to the fan earthing etc. complete as required.	Nos.	3.00		
4	Supply and Installation of unpacking, assembling, testing, & commissioning of All type of Recessed / Surface mounted Lighting Fixtures (as approved by client/architect) including all fixing hardwares complete as required S/F of 600 x 600 LED recessed mounted (LED 36 Watt 6500 K in false ceiling)	Nos.	14.00		
5	Suppy and Installation of storing, assembling, testing, & commissioning of All type of Recessed / Surface mounted Lighting Fixtures (as approved by client/architect) including all fixing hardwares complete as required (LED Down Lighter 15 Watt-)	Nos.	46.00		
6	Suppy and Installation of storing, unpacking, assembling, testing, & commissioning of All type of Recessed / Surface mounted Lighting Fixtures (as approved by client/architect) including all fixing hardwares complete as required (LED tube Light 20 watt)	Nos.	8.00		

7 Supply & Installation, sloring, unpacking, assembling, Installation, testing, & commissioning of LED STREP Light (as approved by client/architect) including all fixing hardwares complete as required (LED strip in Cove light with Dreve) 7 TOTAL CARRIED OVER TO SUMMARY 10 Earthing with copper plate electrode 600x600x5mm including accessories and providing masonary enclosure with MS cover plate having locking strip including stand and chronostale required including placeting including stand and chronostale required including placeting including stand and chronostale required including 98 feet all complete. Including Supplying, larging & terminating earth connection with 8 SWG Copper wire: 7 TOTAL CARRIED OVER TO SUMMARY 10 Fire Fichting Work For BRANCH 11 Fire Alaim Panel 2 ZONE with Advanced Micro controller based, character LCD display. Zone wise Fire pens, short LED indicators, testing facility. Trickle 8 fast charging facility, Reset, alaim cancel, lamp test and control etc. 8 Suppling Zone wise Fire pens, short LED indicators, lately and placeting of the Control of the Contr						
H) EARTHING 1.0 Earthing with copper plate electrode 600x600x3mm including accessories & providing mesorary enclosure with MS cover plate having locking including saft and charcoulas required including P&F & Cauze &WC copper witerin recessor surface for earthing as per design & detail complete, including saft and charcoulas required including P&F & Cauze &WC copper witerin recessor surface for earthing as per design & detail complete, including Supplying, laying & terminating earth connection with & SWG Copper witer in recessor surface for earthing as per design & detail complete, including Supplying, laying & terminating earth connection with & SWG Copper witer in recessor surface for earthing as per design & detail complete, including Supplying, laying & terminating earth connection with & SWG Copper witer in recessor surface in the surface of the connection with & SWG Copper witer in recessor surface in the surface of the connection with & SWG Copper witer in the surface of the connection with a surface of the connection with a surface of the connection with a surface of the connection of the connection of the connection of the surface of the connection of the	7	& commissioning of LED STRIP Light (as approved by client/architect) including all fixing hardwares complete as required (LED strip In Cove light	Rmt	37.00		
1.0. Earthing with copper plate electrode 600x600xmm including accessories & providing masonary enclosure with Mis cover plate having locking arrangement, watering pipe and excavation in soil 6 MTRS minimum, including state and charcostars required including PAF 8 Guaze SWVG copper wire in recessors surface for earthing as per design & detail complete, Including Supphirg, laying & terminaling earth connection with 8 SWG Copper wire. 10. Fire Alarm Panel 2 ZONE with Advanced Micro controller based, character LCD dieglay. Zone wise Fire open, ahort LED indicators, lesting facility. Trickle & fast charging facility, Reset, alarm cancel, lamp lest and control etc. Compatible with any make smoke and heat detectors. (Make Agni Surkhsha Morley) 12 Technical - Power Supply 230 V AC , 50 Hz / 24 V DC, Operating Voltage 24 V DC, Normal Loop Voltage 23.20 V DC, EO.L 4K7 20. Supplying of WiRE 2 CORE 1.5MM conductor non-armoured cable, (approve make Palyach) Findely/CD1 30. Supplying, Installation, connection, testing & commissioning the following voltage 8 to 30 VDC Biodoxi LED detector status indicator Automatic drift compensation. Tested and approved to ENS4 - 7.2000 (Amendment 1), Photoelectric Smoke Detector. (Make Apollof System Sensor / Edwards) 18 HEAT Detector - Optical type low current draw, wide operating voltage 8 to 30 VDC, Bioclour LED detector status indicator Automatic drift compensation. Tested and approved to ENS4 - 7.2000 (Amendment 1), Photoelectric Smoke Detector. (Make Apollof System Sensor / Edwards) 19 The LED of the above detectors should constantly blink when the system sensor / Edwards) 10 The LED of the above detectors should constantly blink when the system is ON and advoud constantly of when actualed of the special surface and should constantly of when actualed of the special surface and should constantly of when actualed of the special surface and the sould constantly of the with ammer and chain. As per 18.2180 SS Chain. Hammark Splinking Power IP 24 V DC, NS Sheet, 750 gm., Dimensions		TOTAL CARRIED OVER TO SUMMARY			(G)	
a providing masonary enclosure with MS cover plate having locking arrangmit, watering pipe and exavation in soil of MTRS minimum, including salt and charcoalse required including P&F 8 Guzzes SWG copper wire in recessor surface for earthing as per design & detail complete, Including Supplying, laying & terminating earth connection with 8 SWG Copper wire. TOTAL CARRIED OVER TO SUMMARY (H) IF IN FIRE FIGHTING WORK FOR BRANCH 1.0. Fire Alarm Panel 2 ZONE with Advanced More controller based, character LCD display, Zone wise Fire, open short LED indicators, testing facility, Trickle & Sat charging facility, Reset, alarm accel, lamp test and control etc. Compatible with any make smoke and heat detectors, (Make Agri Surfisha Mortey) Technical Flower Supply 230 V AC, 50 Hz / 24 V DC, Operating Voltage 24 V DC, Normal Loop Voltage 23.20 V DC, E.O.L. 4K7 Supplying of WIFE 2 CORE 1.5MM conductor non-armoured cable, (approve make Polycab/Finolex/CCI) 3.0 Supplying, Installation, connection, testing & commissioning the following voltage 8 to 30 VDC, B.O. colour LED detector status indicator. Automatic drift compensation. Tested and approved to ENS4 - 7.2000 (Amendment 1). Photoelectics Smoke Detector (Make Apollot System Sonsor / Edwards). HEAT DETECT OCTOBER 1 pp. low current draw, wide operating voltage 8 to 30 VDC, BLOOW (Amendment 1). Photoelectics Smoke Detector (Make Apollot System Sonsor / Edwards). The LED of the above detectors should containtly blink when the system is ON and should constantly glow when actuated The LED of the above detectors should containtly blink when the system is ON and should constantly glow when actuated The LED of the above detectors who will be should containtly blink when the system is ON and should constantly glow when actuated The LED of the above detectors should containtly blink when the system is ON and should constantly glow when actuated The LED of the above detectors who will be should containtly blink when the system is ON and should constantly glow when actuated	H)	EARTHING				
1.0 FIRE FIGHTING WORK FOR BRANCH 1.0 Fire Alarm Panel 2 ZONE with Advanced Micro controller based, character LCO display. Zone was Fire, open, short LED indicators, testing facility. Trickle & fast charging facility. Freir, open, short LED indicators, testing facility. Trickle & fast charging facility. Freir, open, short LED indicators, testing facility. Trickle & fast charging facility. Freir, open, short LED indicators, testing facility. Trickle & fast charging facility. Freir, open, short LED indicators, (Make Agni Surkhsha Morley) 1 Technical: Power Supply 230 V AC, 50 Hz / 24 V DC, Operating Voltage 24 V DC, Normal Loop Voltage 23.20 V DC, E. O. L. 4K7 2.0 Supplying of WIRE 2 CORE 1.5MM conductor non-armoured carbon, carbon, statistical control of the control of the control of the carbon,	1.0	& providing masonary enclosure with MS cover plate having locking arrangmnt, watering pipe and excavation in soil 6 MTRS minimum, including salt and charcoalas required including P&F 8 Guaze SWG copper wirein recessor surface for earthing as per design & detail complete. Including Supplying, laying & terminating earth connection with 8	No.	2.00		
1.0 Fis Alam Panel 2 ZONE with Advanced Micro controller based, character LCD display. Zone wise Fire open, short LED indicators, testing facility. Trickle 8 fast charging facility. Reset, alarm cancel, lamp test and control etc. Compatible with any make smoke and heat detectors. (Make Agni Surkhsha Morley) Technical: Power Supply 230 V AC , 50 Hz / 24 V DC, Operating Voltage 24 V DC, Normal Loop Voltage 23 20 V DC, E.O.L. 4K7 2.0 Supplying of WIRE 2 C CORE 1.5MM conductor non-armoured cable. (approve make: Polycab/Finolex/CCI) 3.0 Supplying, Installation, connection, testing & commissioning the following cable. (approve make: Polycab/Finolex/CCI) 3.0 Supplying, Installation, connection, testing & commissioning the following voltage 8 to 30 VDC, Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to ENS4 - 7:2000 (Amendment 1), Photoelectric Smoke Detector. (Make -Apollo/ System Sensor / Edwards) 1		TOTAL CARRIED OVER TO SUMMARY			(H)	
LCD display. Zone wise Fire.open.short LED Indicators. testing facility. Trickle & fast charging facility. Resel, alarm cancel, lamp test and control etc. Compatible with any make smoke and heat detectors. (Make Agni Surkhsha /Morley) Technical: Power Supply 230 V AC, 50 Hz / 24 V DC, Operating Voltage 24 V DC, Normal Loop Voltage 23 20 V DC, E.O.L. 4K7 2.0 Supplying Installation, connection, testing & commissioning the following cable. (approve make-Polycab/Finolex/CD) and providing & for 30 V DC. Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to ENS4 - 72000 (Annendment 1). Photoelectric Smoke Detector, (Make -Apolic) System Sensor / Edwards) iii HEAT Detector - Optical type low current draw, wide operating voltage & to 30 VDC. Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to ENS4 - 72000 (Annendment 1). Photoelectric Smoke Detector, (Make -Apolic) System Sensor / Edwards) iii HEAT Detector - Optical type low current draw, wide operating voltage & to 30 VDC. Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to ENS4 - 72000 (Annendment 1). Photoelectric Smoke Detector (Make Apolic) System Sensor / Edwards) The LED of the above detectors should constantly blink when the system is ON and should constantly glow when actuated iii Electronic Hooter . Hi-Intensive sound (80 to 100 db), Tested by ERTL as per IS-2189. Power IP 100 V AC or 24 V DC. Sound O/P 100dB. Colour Red. Speaker 4 watt . (Make Agni Surkhsha/Morley) iv Supply, Installation of Manual Call Point with hammer and chain. As per IS-2189. Sochain, Hammer & blinking. Power IP 24 V DC. MS Sheet, 750 gm., Dimensions (mm) 120 X 90 X 55. Colour - Red. (Make Agni Surkhsha/Morley) TOTAL CARRIED OVER TO SUMMARY 10 SECURITY ALARM SYSTEM 11.0 Providing and fixing 4 Zone Control Burglar Alarm Panel Battery including signal surkhafore space for SMF battery (Including SMF battery) (Make-Electro group) 2.0 Providing and fixing pan	I)	FIRE FIGHTING WORK FOR BRANCH				
cable. (approve make:Polycab/Finolex/CCI) 3.0 Supplying, Installation, connection, testing & commissioning the following involage 8 to 30 VDC, Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to ENS4 - 7:2000 (Amendment 1), Photoelectric Smoke Detector. (Make:-Apoliof System Sensor/Edwards) iii HEAT Detector - Optical type low current draw, wide operating voltage 8 to 30 VDC, Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to ENS4 - 7:2000 (Amendment 1), Photoelectric Smoke Detector (Make Apollof System Sensor/Edwards) The LED of the above detectors should constantly blink when the system is ON and should constantly glow when actuated iii Electronic Hooter . Hi-Intensive sound (80 to 100 db), Tested by ERTL as per IS:2189, Power I/P 100 V AC or 24 V DC. Sound O/P 100dB. Colour Red. Speaker 4 watt : (Make Agni Surkhsha/Morley) iv Supply, Installation of Manual Call Point with hammer and chain. As per S:2189. SS Chain, Hammer & blinking, Power I/P 24 V DC, MS Sheet, 750 gm, Dimensions (mm) 120 X 90 X 55. Colour - Red. (Make Agni Surkhsha/Morley) TOTAL CARRIED OVER TO SUMMARY 1.0 Providing and fixing 4 Zone Control Burglar Alarm Panel.Battery backup with inbuilt charger. User password protection.Real time clock with 128 event history.LCD display current date and time with current status of all zone. Programmable hooter trigger delay ("O-0" min, benough inside space for SMF battery (Including SMF battery) (Make-Electrog roup) 2.0 Providing and fixing panic switch for emerjency alarm complete nos. 6.00 3.0 Providing & fixing Motion sensor and magnate for Strong room Door conscience. 4.0 Providing & fixing Motion sensor and magnate for Strong room Door sound complete. 5.0 Supplying of WIRE 2 CORE 1.5MM conductor non-armoured Rmt 198.0	1.0	LCD display. Zone wise Fire,open,short LED indicators, testing facility. Trickle & fast charging facility. Reset, alarm cancel, lamp test and control etc. Compatible with any make smoke and heat detectors. (Make Agni Surkhsha /Morley) Technical :: Power Supply 230 V AC, 50 Hz / 24 V DC, Operating Voltage	No.	1.00		
i Smoke Detector - Optical type low current draw, wide operating voltage 8 to 30 VDC, Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to EN54 - 7:2000 (Amendment 1). Photoelectric Smoke Detector. (Make : Appliol' System Sensor / Edwards) ii HEAT Detector - Optical type low current draw, wide operating voltage 8 to 30 VDC, Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to EN54 - 7:2000 (Amendment 1). Photoelectric Smoke Detector (Make Apollo/ System Sensor / Edwards) The LED of the above detectors should constantly blink when the system is ON and should constantly glow when actuated iii Electronic Hooter - Hi-intensive sound (80 to 100 db), Tested by ERTL as per IS:2189. Power I/P 100 V AC or 24 V DC. Sound O/P 100dB. Colour Red. Speaker 4 watt : (Make Agni Surkhsha/Morley) iv Supply, Installation of Manual Call Point with hammer and chain. As per IS:2189. SC Schain , Hammer & blinking, Power I/P 24 V DC. MS Sheet, 750 gm. Dimensions (mm) 120 X 90 X 55. Colour - Red. (Make Agni Surkhsha/Morley) TOTAL CARRIED OVER TO SUMMARY (1) SECURITY ALARM SYSTEM 1.0 Providing and fixing 4 Zone Control Burglar Alarm Panel.Battery backup with inbuilt charger. User password protection. Real time clock with 128 event history. LCD display current date and time with current status of all zone. Programmable hooter trigger dealy (0-07 min.). entered telephone Nos. and message check facility. Hooter time 0 to 07 min.Enough inside space for SMF battery (Including SMF battery) (Make-Elector group) 2.0 Providing and fixing panic switch for emerjency alarm complete nos. 6.00 Providing 8 fixing places with for emerjency alarm complete nos. 2.00 Providing 8 fixing Motion sensor and magnate for Strong room Door nos. 2.00 Sound complete. TOTAL CARRIED OVER TO SUMMARY (1)	2.0		Rmt	224.00		
voltage 8 to 30 VDC, Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to EN54 - 7:2000 (Amendment 1). Photoelectric Smoke Detector. (Make :-Apollof System Sensor / Edwards) iii HEAT Detector - Optical type low current draw, wide operating voltage 8 to 30 VDC, Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to EN54 - 7:2000 (Amendment 1). Photoelectric Smoke Detector (Make Apollof System Sensor / Edwards) The LED of the above detectors should constantly blink when the system is ON and should constantly glow when actuated iii Electronic Hooter . Hi-Intensive sound (80 to 100 db), Tested by ERTL as per IS:2189. Power I/P 100 V AC or 24 V DC. Sound O/P 100dB. Colour Red. Speaker 4 watt : (Make Agni Surkhsha/Morley) iv Supply, installation of Manual Call Point with hammer and chain. As per IS:2189. SS Chain, Hammer & blinking, Power I/P 24 V DC, MS Sheet, 750 gm., Dimensions (mm) 120 X 90 X 55. Colour - Red. (Make Agni Surkhsha/Morley) TOTAL CARRIED OVER TO SUMMARY (1) SECURITY ALARM SYSTEM 1.0 Providing and fixing 4 Zone Control Burglar Alarm Panel.Battery backup with inbuilt charger User password protection.Real time clock with 128 event history.LCD display current date and time with current status of all zone. Programmable hooter trigger dealy (0-07 min.). entered telephone Nos. and message check facility. Hooter time 0 to 07 min.Enough inside space for SMF battery (Including SMF battery) (Make Electro group) 2.0 Providing and fixing panic switch for emerjency alarm complete nos. 6.00 3.0 Providing and fixing Moltion sensor and magnate for Strong room Door nos. 2.00 complete. 4.0 Providing & fixing Belectronic Hooter 110 DB Hooter Security Loud Sound complete. 5.0 Supplying of WiRE 2 CORE 1.5MM conductor non-armoured Rmt 198.0 cable. TOTAL CARRIED OVER TO SUMMARY	3.0	Supplying, Installation, connection, testing & commissioning the following .				
voltage 8 to 30 VDC, Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to ENS4 - 7:2000 (Amendment 1). Photoelectric Smoke Detector (Make Apollo/ System Sensor / Edwards) The LED of the above detectors should constantly blink when the system is ON and should constantly glow when actuated iii Electronic Hooter . Hi-Intensive sound (80 to 100 db), Tested by ERTL as per IS:2189. Power I/P 100 V AC or 24 V DC. Sound O/P 100dB. Colour Red. Speaker 4 watt . (Make Agni Surkhsha/Morley) iv Supply, Installation of Manual Call Point with hammer and chain. As per IS:2189. So Chain , Hammer & blinking. Power I/P 24 V DC, MS Sheet, 750 gm., Dimensions (mm) 120 X 90 X 55. Colour - Red. (Make Agni Surkhsha/Morley) TOTAL CARRIED OVER TO SUMMARY (1) SECURITY ALARM SYSTEM 1.0 Providing and fixing 4 Zone Control Burglar Alarm Panel.Battery backup with inbuilt charger. User password protection. Real time clock with 128 event history.LCD display current date and time with current status of all zone. Programmable hooter trigger dealy (0-07 min). entered telephone Nos. and message check facility. Hooter time 0 to 07 min.Enough inside space for SMF battery (Including SMF battery) (Make-Electro group) 2.0 Providing affixing panic switch for emerjency alarm complete 3.0 Providing & fixing panic switch for emerjency alarm complete 4.0 Providing & fixing panic switch for emerjency alarm complete 5.0 Supplying of WIRE 2 CORE 1.5MM conductor non-armoured challe. TOTAL CARRIED OVER TO SUMMARY (1)	i	voltage 8 to 30 VDC, Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to EN54 - 7:2000 (Amendment 1). Photoelectric Smoke Detector. (Make :-Apollo/ System	nos.	8.00		
iii Electronic Hooter . Hi-Intensive sound (80 to 100 db), Tested by ERTL as per IS:2189. Power I/P 100 V AC or 24 V DC. Sound O/P 100dB. Colour Red. Speaker 4 watt (Make Agni Surkhsha/Morley) iv Supply, Installation of Manual Call Point with hammer and chain. As per IS:2189. SS Chain , Hammer & blinking. Power I/P 24 V DC, MS Sheet, 750 gm, Dimensions (mm) 120 X 90 X 55. Colour - Red. (Make Agni Surkhsha/Morley) TOTAL CARRIED OVER TO SUMMARY 1.0 Providing and fixing 4 Zone Control Burglar Alarm Panel.Battery backup with inbuilt charger. User password protection. Real time clock with 128 event history. LCD display current date and time with current status of all zone. Programmable hooter trigger dealy (0-07 min.). entered telephone Nos. and message check facility. Hooter time 0 to 07 min.Enough inside space for SMF battery (Including SMF battery) (Make-Electro group) 2.0 Providing and fixing panic switch for emerjency alarm complete nos. 6.00 3.0 Providing & fixing Motion sensor and magnate for Strong room Door nos. 2.00 complate. 4.0 Providing & fixing Electronic Hooter 110 DB Hooter Security Loud Sound complete. 5.0 Supplying of WIRE 2 CORE 1.5MM conductor non-armoured rable TOTAL CARRIED OVER TO SUMMARY (1)	ii	HEAT Detector - Optical type low current draw, wide operating voltage 8 to 30 VDC, Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to EN54 - 7:2000 (Amendment 1). Photoelectric Smoke Detector (Make Apollo/ System	nos.	3.00		
ERTL as per IS:2189. Power I/P 100 V AC or 24 V DC. Sound O/P 100dB. Colour Red. Speaker 4 watt : (Make Agni Surkhsha/Morley) IV Supply, Installation of Manual Call Point with hammer and chain. As per IS:2189. SS Chain , Hammer & blinking. Power I/P 24 V DC, MS Sheet, 750 gm., Dimensions (mm) 120 X 90 X 55. Colour - Red. (Make Agni Surkhsha/Morley) TOTAL CARRIED OVER TO SUMMARY (1) SECURITY ALARM SYSTEM 1.0 Providing and fixing 4 Zone Control Burglar Alarm Panel.Battery backup with inbuilt charger. User password protection. Real time clock with 128 event history. LCD display current date and time with current status of all zone. Programmable hooter trigger dealy (0-07 min.). entered telephone Nos. and message check facility. Hooter time 0 to 07 min. Enough inside space for SMF battery (Including SMF battery) (Make- Electro group) 2.0 Providing & fixing Motion sensor and magnate for Strong room Door 3.0 Providing & fixing Motion sensor and magnate for Strong room Door 4.0 Providing & fixing Electronic Hooter 110 DB Hooter Security Loud Sound complete. 5.0 Supplying of WIRE 2 CORE 1.5MM conductor non-armoured Rmt 198.0 TOTAL CARRIED OVER TO SUMMARY (1)						
IS:2189. SS Chain , Hammer & blinking. Power I/P 24 V DC, MS Sheet, 750 gm., Dimensions (mm) 120 X 90 X 55. Colour - Red. (Make Agni Surkhsha/Morley) TOTAL CARRIED OVER TO SUMMARY (1)	iii	ERTL as per IS:2189. Power I/P 100 V AC or 24 V DC. Sound O/P 100dB. Colour Red. Speaker 4 watt	nos.	2.00		
1.0 Providing and fixing 4 Zone Control Burglar Alarm Panel.Battery backup with inbuilt charger.User password protection.Real time clock with 128 event history.LCD display current date and time with current status of all zone. Programmable hooter trigger dealy (0-07 min.) entered telephone Nos. and message check facility. Hooter time 0 to 07 min.Enough inside space for SMF battery (Including SMF battery) (Make-Electro group) 2.0 Providing and fixing panic switch for emerjency alarm complete nos. 6.00 3.0 Providing & fixing Motion sensor and magnate for Strong room Door complete. 4.0 Providing & fixing Electronic Hooter 110 DB Hooter Security Loud Sound complete. 5.0 Supplying of WIRE 2 CORE 1.5MM conductor non-armoured Rmt 198.0 TOTAL CARRIED OVER TO SUMMARY (J)	iv	IS:2189. SS Chain , Hammer & blinking. Power I/P 24 V DC, MS Sheet, 750 gm., Dimensions (mm) 120 X 90 X 55. Colour - Red. (Make	nos.	2.00		
1.0 Providing and fixing 4 Zone Control Burglar Alarm Panel.Battery backup with inbuilt charger.User password protection.Real time clock with 128 event history.LCD display current date and time with current status of all zone. Programmable hooter trigger dealy (0-07 min.). entered telephone Nos. and message check facility. Hooter time 0 to 07 min.Enough inside space for SMF battery (Including SMF battery) (Make- Electro group) 2.0 Providing and fixing panic switch for emerjency alarm complete nos. 6.00 3.0 Providing & fixing Motion sensor and magnate for Strong room Door complete. 4.0 Providing & fixing Electronic Hooter 110 DB Hooter Security Loud Sound complete. 5.0 Supplying of WIRE 2 CORE 1.5MM conductor non-armoured Rmt 198.0 TOTAL CARRIED OVER TO SUMMARY (J)		TOTAL CARRIED OVER TO SUMMARY			(1)	
backup with inbuilt charger.User password protection.Real time clock with 128 event history.LCD display current date and time with current status of all zone. Programmable hooter trigger dealy (0-07 min.). entered telephone Nos. and message check facility. Hooter time 0 to 07 min.Enough inside space for SMF battery (Including SMF battery) (Make- Electro group) 2.0 Providing and fixing panic switch for emerjency alarm complete nos. 6.00 3.0 Providing & fixing Motion sensor and magnate for Strong room Door complete 4.0 Providing & fixing Electronic Hooter 110 DB Hooter Security Loud Sound complete. 5.0 Supplying of WIRE 2 CORE 1.5MM conductor non-armoured Rmt 198.0 TOTAL CARRIED OVER TO SUMMARY (J)	J)					
3.0 Providing & fixing Motion sensor and magnate for Strong room Door nos. 2.00 4.0 Providing & fixing Electronic Hooter 110 DB Hooter Security Loud nos. 2.00 Sound complete. 5.0 Supplying of WIRE 2 CORE 1.5MM conductor non-armoured Rmt 198.0 TOTAL CARRIED OVER TO SUMMARY (J)		backup with inbuilt charger.User password protection.Real time clock with 128 event history.LCD display current date and time with current status of all zone. Programmable hooter trigger dealy (0-07 min.). entered telephone Nos. and message check facility. Hooter time 0 to 07 min.Enough inside space for SMF battery (Including SMF battery) (Make- Electro group)	nos.			
4.0 Providing & fixing Electronic Hooter 110 DB Hooter Security Loud nos. 2.00 Sound complete. 5.0 Supplying of WIRE 2 CORE 1.5MM conductor non-armoured Rmt 198.0 TOTAL CARRIED OVER TO SUMMARY (J)		, , , ,	nos.			
Sound complete. 5.0 Supplying of WIRE 2 CORE 1.5MM conductor non-armoured Rmt 198.0 Cable TOTAL CARRIED OVER TO SUMMARY (J)		complete				
TOTAL CARRIED OVER TO SUMMARY (J)	4.0	Sound complete.	nos.	2.00		
TOTAL CARRIED OVER TO SUMMARY (J)	5.0		Rmt	198.0		
K) CCTV CAMERA		TOTAL CARRIED OVER TO SUMMARY			(J)	
	K)	CCTV CAMERA				

3D CONSTRUCTION AND INTERIORS

ARCHITECTS AND INTERIOR DESIGNER

1.0	Removing shifting and refixing of existing camera DVR rack at other location in branch including required hardware complete in all respect.	nos.	1.0		
2.0	Removing shifting and refixing of existing CCTV camera of other location in branch required hardware complete all respect.	nos.	0.0		
3.0	Supplying of 3+1 Coaxial Pure Copper CCTV Camera Cable conductor non-armoured cable. (approve make: Polycab / Finolex /CCI)	Rmt	186.0		
4.0	Providing and fixing of new CCTV Bullet/Dome camera for branch complete all respect.(approve make:Hik vision, CP plus)	nos.	8.0		
5.0	Providing and fixing of 32" LED TV Display complete in all respect.	nos.	1.0		
	TOTAL CARRIED OVER TO SUMMARY			(K)	
	TOTAL FOR ELECTRICAL WORK (B)				
	* GST EXTRA AS APPLICABLE	·			

	ESTIMATE FOR AC WORKS					
S.No	DESCRIPTION OF ITEM	UNIT	QTY.	RATE	AMOUNT	
С	SCHEDULE - 'C' (AC WORKS)					
	INSTALLING OF CASSETTE/SPLIT AC'S AND ARRANGEMENT OF AC DRAIN PIPES WITH PROPER DRAINAGE					
1.0	Supplying, erection, testing and commissioning following wall mounted Split/ Root mounted cassette units of (Bluestar/ Carrier/ Daikin) with cordless remote complete with all necessary fittings duly insulated with 9 mm thick nitrile rubber pipe insulation with (evaporator coil – copper only), fan and fan motor, machine control panel improved Refrigerant Joints. Air conditioners shall be fitted with hermetically sealed type suction cooled reciprocating or discharge cooled rotary compressor or scroll compressor. Compressor unit operating on R-410. All complete as per drawing, approval and instructions of the Architect/ Employer (Rates to be inclusive of Copper refrigerant pipe with insulation and Drain pipe up to 3 Mtr length).					
i)	Split AC 1.5 ton	No.	6			
	Note :- Rate including copper pipe free 5 rmt with 12mm thick insulation & 25 HDPE condenstate pipe with insulation . Size of the Copper pipe & Gauge as per the Manufacturer standared for 1,tr,1.5 tr, & 2 Tr.					
2.0	Providing and fixing 3 step Voltage Stabilisers for AC of approved Make BlueBird/ Logicstar					
i)	4 KVA (1.5/1.0Tr)	No.	6			
3.0	ADDITIONAL COPPER REFRIGERANT PIPING :					
i)	Installation & commissioning of Soft copper piping for split/cassette A/C with niotrle rubber insulation complete fiting & insulation	R.mtr	78			
ii)	Supply and laying of 4 core 2.5 sq mm FRLS copper flexible cable (for single phase HWS AC) Make: Finolex / Polycab / Havells / Pyemen / Ecko	R.mtr	86			
4.0	DRAIN PIPING:					
	Hard PVC insulated drain water piping wprk of size 25 mm with 12 mm thicK nitilr rubmmer insulation. dia with complete fiting Etc.	R.mtr	38			
5.0	FRAME WORK FOR ODUS					
	Providing and fixing standard powder coated support brackets & including grille gauge of 20mm square at 100mm c/c spacing with locking arrangemnet for the above split / cassette units including fasteners and other accessories as required.	Kg	150			
	GRAND TOTAL FOR AC WORK					
	* GST EXTRA AS APPLICABLE					