

**INSTITUTE FOR DEVELOPMENT AND RESEARCH IN  
BANKING TECHNOLOGY (IDRBT)**

(Established by Reserve Bank of India)  
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**TENDER**

**for**

**INTERIORS & FURNISHING WORKS FOR RECEPTION AND DINING AREA, AT FIRST FLOOR IN EFC BUILDING, IDRBT, HYDERABAD.**

**PART - II**

**COMMERCIAL BID**

Name of the Tenderer: \_\_\_\_\_

Address: \_\_\_\_\_

Due date and time for submission of Tender: 17.00 hours on 30-11-2015

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SR.NO.	NAME OF WORK	AMOUNT
1	INTERIOR WORKS	
2	CIVIL WORKS	
3	ELECTRICAL WORKS	
4	TOTAL - 1	
5	ADDITIONAL DISCOUNT IF ANY	
6	<b>GRAND TOTAL</b>	

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**Interior Works**

Sl. No.	Description of Item	Unit	Qty	Rate	Amount
1	<b>FALSE CEILING</b>				
	Providing & Fixing of False ceiling GYP-Board & India Gypsum G.I framework with 12. 5mm thk GYP board cladding including proper leveling, fixing the false ceiling in different levels if required, finishing of the joints and surfaces. All edges should be perfectly straight. The surfaces finished flush with surrounding surfaces including making provision for electrical fittings and A/C diffusers etc. Rate to include cost of painting the finished surfaces with two coats of plastic emulsion paint in white over a coat of primer, and finished over with a final rich coat using foam roller avoiding brush lines etc., complete for finished item of work as per the drawing. Including trap door at entrance for rolling shutter painted with matching colour of ceiling. <b>The payment shall be made for flat ceiling area only and offsets, different levels etc shall not be measured separately.</b>	SM	373		
2	<b>FULL HEIGHT PARTITIONS -SOLID -</b>				
	Providing & Fixing Full height partition with 2" x 1 1/2" saal wood section frame work with both sides covered with 6 mm Plywood , finished with 1 mm thick laminate on the both sides, of approved shade & brand, with beech wood beading. All horizontal & vertical wooden sections are to be placed at 2'-0" c/c. The vertical sections to be taken up to the RCC ceiling (not only up to the false ceiling) and fixed tight, with all required hardware, complete for the finished item of work as per the drawing. Measurement ( L X False ceiling height)	SM	11		
3	<b>FULL HEIGHT PARTITIONS - FULLY GLAZED</b>				
	Providing & Fixing 12mm thick fully glazed tinted grey toughened glass partition with Aluminum "U" channel 20 mm x 20 mm x 12 mm wide, 100 mm x 100 mm x 4 mm MS box pipe and all required patch fittings complete for the finished item of work.	SM	38		
4	<b>GLASS DOORS</b>				
	Providing & Fixing 12 mm thick fully glazed tinted grey toughened glass openable door of 12 mm thick tinted grey toughened glass with all required patch fittings, heavy duty floor spring (F32 of eve rite or equivalent.), locks, SS handle, etc as directed by Engineer - in - charge, complete for the finished item of work.	SM	9		

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5	<b>LOW HEIGHT STORAGE - L.H.S</b>				
	Providing & Fixing Low height storage of size 1'-6" deep & 2'-6" in height with various lengths with 19 mm thk. Plywood for sides, front openable shutters or sliding shutters as per requirement and in between planks, with 8 mm thk Plywood s to be provided for rear side of the storage unit. All the exposed surfaces will be laminated with 1mm thk. laminate of approved shade & brand, with beech wood beading of appropriate size. All the inner surfaces are to be painted with luster finish over luppum including finishing. Rate to include cost of necessary hardware like beading, brass hinges, aldrops, magnetic stopper, handles, Godrej locks etc., complete for the finished item of work, as per the drawing.	SM	4		
6	<b>FULL HEIGHT STORAGE - F.H.S</b>				
	Providing & Fixing Full height storage of size 1'-6" deep & 7' Ft in height with various lengths with 19 mm thk. Plywood for sides, front shutter openable or sliding and in between planks, 8 mm thk Plywood to be used for rear side of the storage unit. All the exposed surfaces will be laminated with 1mm thk. Laminate of approved shade & brand, with beech wood beading of appropriate size. All the inner surfaces are to be painted with luster finish over luppum including finishing and polishing the exposed wooden surfaces with sealer-melamine matt finish tinted to approved colour and shade. Rate to include cost of necessary hardware like beading, brass hinges, aldrops, magnetic stopper, handles, Godrej locks etc., complete for the finished item of work, as per the drawing.	SM	6		
7	<b>Shelves</b>				
	Same as above but with 1'3" deep and open shelf, no shutters required.	SM	6		
8	<b>Crockery unit</b>				
	Same as above but with 1'3" and 2' deep with 38mm plywood for sides, front shutter and in between planks, 12 mm plywood to be used for rare side of unit 12mm thk glass shutters above 2'6" from FFL to 7' with polished wooden cornice at the ends as shown in drawing. SS handles, locks, required hardware etc complete for the finished item of work, as per drawing.	SM	4		
9	<b>VERTICAL BLINDS</b>				
	Providing and fixing 4" wide Vertical Blinds of fabric Vista Levolor make, S-002 or as decided by the client, including scotch guard provided with all standard fittings, accessories etc., as per the manufacturer's specifications complete for the finished item of work.	SM	28		

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10	<b>Column / wall cladding</b>				
	Providing & Fixing Pillar / wall cladding with 19 mm Plywood finished with 1mm thick laminate of approved shade & brand, as per drawing complete for the finished item of work.	SM	75		
11	<b>Closing at existing off sets</b>				
	Providing & Fixing cladding with 19 mm Plywood finished with 1mm thick laminate of approved shade & brand shutters with required framework, locks, handles, material, labour, etc, as per drawing complete, complete for the finished item of work.	SM	12		
12	<b>Cladding at Reception area</b>				
	Providing & Fixing cladding with 36 mm ply (18 mm + 18 mm) with 1/2" polished grooves finished with 1 mm thick laminate of shade & brand with all required material complete for the finished item of work as per drawing.	SM	17		
13	<b>Cladding at Gym</b>				
	Same as above but including mirror as per existing design as per drawing, complete for the finished item of work.	SM	23		
14	<b>Inserting of mirror in existing cladding</b>				
	Providing & fixing mirror as per existing mirror in existing wooden cladding with all required material like plywood, beading, hardware etc complete for the finished item of work, as directed by IDRBT / Consultant.	SM	13		
15	<b>Cladding in False ceiling</b>				
	Providing & fixing cladding in false ceiling area with 3" wide and 2" thick wooden frame, 12 mm thick plywood, 1 mm thick teak veneer, 6 mm thick back lit glass with all required hardware, etc complete for the finished item of work, as per drawing.	SM	7		
16	<b>Painting – PEP</b>				
	Cleaning and preparing the old surface of the wall to receive fresh painting and then applying & painting walls with plastic emulsion paint matt finish with two coats of approved make, shade and colour over a base coat of appropriate primer of approved make (total 3 coats), over a coat of luppum to give a smooth surface including cost and conveyance of materials like paint to site including lift and labour charges such as preparing the wall, applying luppum, applying primer coat, curing for primer coat, applying paint with matt finish two coats etc., complete for the finished item of work.	SM	952		

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17	<b>Reception Table</b>				
	Reception Table of size 3290 mm long with double 19 mm thk. Plywood for top, and 19 mm Plywood for sides and double 12 mm flexi ply for front to be used for table and drawers and 19 mm Plywood for top, sides and in between for storage unit and 8 mm Plywood to be used for rear side of the storage unit, with half round beech wood suitable beading, for storage units, table top, and sides of reception table and on table top of reception table 12 mm thk glass with SS studs to be kept as per the drawing, with hanging CPU stand, shall be provided as per drawing, with all required hardware, SS handles, channels, godrej multipurpose locks etc complete for the finished item of work All the exposed surfaces will be laminated with 1mm thk. laminate of approved shade & brand. Readymade keyboard tray to be fixed as per the specified company & size.	Nos	1		
				Total - 1	
				Discount if any	
				Grand Total	

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**Civil works**

Sl. No.	Description of Item	Unit	Qty	Rate	Amount
1	BRICK WALL – 230 mm				
	Providing and constructing brick work with locally available best bricks in CM (1:6) 1 cement: 6 coarse sand for walls etc, including scaffolding, raking out of joints, curing complete as per the specifications and the drawings (excluding the plaster). Thickness for all vertical and horizontal joints shall not exceed 10mm. Rate to be applicable for all shapes and sizes, all length and width, height and level. 230mm thk wall	CM	4		
2	BRICK WALL - 115mm				
	Brick Masonry with 2nd Class Ground moulded or traditional bricks of size 230 X 115 X 75 mm in Cement Mortar 1:6 Prop., having minimum crushing strength 35 Kgs Per Sqm. including cost and conveyance of all materials like Cement, Sand, Bricks, Water, etc., to site. cost of seigniorage Charges on all materials including all labour charges like mixing Cement Mortar, Scaffolding Charges, lift charges, Curing charges etc., complete for finished item of work. The rate to include 2 nos. 6 mm dia MS bars provided in every 3rd course.	SM	24		
3	Plastering				
	Chipping the existing plastering where required at all levels, carting away the debris and Providing and applying internal plastering to walls, and concrete surfaces in 2 coats: the first coat of plaster as 8 mm thick in CM 1:6 and the second coat on this after curing the first coat in 4 mm thick cement plaster in CM 1:4, achieving a finished thickness of 12 mm, finished Smooth for all internal wall and ceiling surfaces including surface preparation, hacking of all MASONRY/ R.C.C surfaces including				

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	scaffolding, staging, curing etc. At all levels / heights complete as per specification.				
	INTERNAL PLASTERING & External	SM	137		
4	VENTILATORS				
	Supplying and fixing fully glazed aluminum ventilators of size 0.60 m x 0.45 m as per IS-1945-1961 with frames consisting of 31.2 x 62.6 x 1.5 mm thk aluminum sections with 4 mm thk glass glazing fitted with suitable rubber beading etc., complete including supplying and fixing complete for finished item of work.	SM	1		
5	RCC for lintels				
	Providing and laying machine mixed, mechanically vibrated Reinforced cement concrete works M20 in 1:1 1/2:3 (1 cement:1 1/2 coarse sand:3 graded stone aggregate 20 mm nominal size) using 20 mm and below size crushed graded granite aggregate including staging, centering, vibrating, curing etc for all heights and levels but excluding reinforcement. For lintels	CM	0.5		
6	Reinforcement				
	Providing cold twisted HYSD /mild steel bars of approved make of reputed concern, for RCC work including straightening, cutting, bending, binding and placing in position all as per structural drawings. The cost of binding wire shall not be paid extra and will be at the contractor's cost.	Kgs	60		
7	Flooring				
	Providing and fixing of Flooring with 10 mm thick, non slippery Vitrified tiles of Johnson & Johnson tiles Lucia model of size 2'x2' size with approved shade & colour, by removing existing PVC, Carpet etc flooring and fixing with Weber or equivalent solution over a bed of Laticrete 290 thinset adhesive or equivalent and the joints sealed with Laticrete unsanded grout or equivalent with laticrete 282 grout admix or equivalent.	SM	373		
8	Granite platform for wash basin				

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	Providing and fixing of 19 mm granite platform of approved colour and shade, in wall sides including rounding the edges, making holes for fixing of sink, was basin, pipes etc with all required material, complete for the finished item of work as per drawing.	SM	5		
9	Providing & fixing Nirali sink in pantry platform with all required hardware material, 2 in one tap, waste coupling, etc complete for the finished item of work, as per drawing. size - 2' X 1' 7"	Nos	2		
10	Providing and fixing of Wash basin Parryware Sofia C841Q/S, with all required accessories (Basin mixer, waste coupling, etc) complete as per company specifications completer for the finished item of work, as per drawing.	Each	4		
11	Supplying & fixing of glass round edged frame less mirror of approved make fixed by solution to wall/ tile complete for the finished item of work as per drawing. Size 600mm x 450mm	Each	1		
12	Same as above but size 2400 mm x 600 mm	Each	1		
13	Supplying & fixing bib cock of approved make (Jaquar 035)	Each	2		
14	Supplying & fixing of soap dish of approved make (Jaquar 1131)	Each	6		

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15	Supplying & fixing of TOWEL RING (Jaquar 1121)	Each	6		
16	Supplying & fixing 2 way bib cock of approved make (Parryware Euclid or equivalent).	Each	2		
17	Supplying & fixing CI Nahani trap of 3" of cockroach proof with jally including finishing smooth.	Each	5		
18	Providing and fixing GI pipes and specials conforming to BS-28/1 including cutting the pipes and fixing specials such as bends, tees, sockets, unions, reducers etc. by solder clamps etc. including fixing in house plumbing system and making the cuttings as per original etc. complete . including all labour and material				
a	15 mm dia	RM	45		
b	25mm dia	RM	50		
c	50mm dia	RM	50		

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19	Providing and fixing cast iron soil pipes, waste and vent pipes (IS 1 3989) only including all fittings (plain or with inspection door) e.g. bends, junctions, offsets, access piece, caulking with cement, including cutting holes in walls and floors, and making good. GI bat clamps of adequate size shall be provided at every 2m c/c or at every joint. Rate to include painting with 3 coats of enamel paint with primer and surface preparation, testing for leaks etc., complete.				
a	100 mm dia	RM	30		
b	75 mm dia	RM	30		
20	Providing and laying in position salt glazed stoneware pipes conforming to IS 651, to correct alignment and gradient as per the drawing including excavation of trenches in all types of soil, sealing the joints with tarred gasket and finishing with 1:3 cement mortar and testing of joints, refilling the trenches with excavated earth, watering, ramming etc., complete.				
	150mm dia	RM	25		
21	Providing and fixing CI pipes of 100 dia, to columns, brick work etc, with suitable MS clamps at 1m c/c, required hardware, labour, pipe accessories like shoe end, drop end etc.	RM	25		
22	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : 17.60.1 100 mm inlet and 100 mm outlet	Nos	2		

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23	Supplying and fixing SWG 150 x 100 mm gully trap of 1st class with CI grating and constructing brick masonry chamber of size 500 x 355x 300 mm in CM 1:6 over CC 1:5:10 prop, bed of size 500 x 355 x 100 and plastering of 12 mm thk in CM 1:4 prop. both inside and outside surfaces and fitted with 300 x 230 mm CI frame and hinged cover complete.	Nos.	3		
24	Inspection chamber				
	Construction of 900 mm x 600 mm brick masonry inspection chamber of depth ranging from 600 mm to 900 mm with 150 mm thick CC 1:3:6 foundation flooring, 230 mm thick brick masonry in CM 1:6 for walls, plastering inside and outside in CM 1:3, 12 mm thick, CC 1:2:4 haunching, supplying and fixing light duty manhole covers etc., including excavation complete.	Nos	1		
25	Dismantling & carting away from site items				
	Dismantling existing walls, partitions, FC, Electrical all material (light, fan, ups, lan points fixtures, wiring) existing flooring, including existing toilet walls, tiles, dado, waterproofing, existing doors with frame, all sanitary fittings, lines etc complete to do the work as per new layout and removing the debris from site. complete as directed by IDRBT or consultant.	L/s	1		
26	All usable material to be taken back as buyback by the contractor, items are aluminum partitions, glass, doors including frame, etc, contractor needs to visit the site, understand the items and quote accordingly.	L/s	1		
				Total - 1	
				Discount if any	
				Grand Total	

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**Electrical works**

S.No.	Description	Unit	Qty	Rate	Amount
<b>Note: All Light/Ceiling Fan/Wall Mounting/Exhaust Fan/Bell Points Cost to be Included in Circuit Wiring</b>					
1	Supply and wiring of Light points with Switch, MS Box, Plate and also Suitable Size 2 mm thick PVC conduit with 3 x 1.5 Sq.mm Copper multi strand flexible pvc insulated cable with all required materials etc.(Rate Including the circuit wiring from Lighting Distribution Board to Switch Board Wiring 2 x 2.5 +1.5 Sq.mm Wire.)				
	Primary Point	Pts	82		
2	Looping/Secondary Point(Without switch)	Pts	67		
3	Supply and wiring of Wall Mounting Fan and TV points from Near Switch Board with Suitable Size 2 mm thick PVC Conduit with 3 x 1.5 Sq.mm earth wire Copper multi strand flexible pvc insulated wires and 5A Switch cum sockets with Surface/Concealed Box with all required materials etc.	Set	7		
4	Supply and wiring of Exhaust Fan points With 2 mm Size PVC Conduits 3 x 1.5 Sq.mm earth wire Copper multi strand flexible pvc insulated wires and 5A Switch cum sockets with Surface /Concealed Box with all required materials etc.	set	7		
<b><u>Sub Mains and Mains</u></b>					
5	Supply and wiring of Circuits for ACs with Suitable 2 mm thick PVC Conduit and 2 x 4.0 Sq. mm + 2.5 Sq.mm earth wire Copper multi strand flexible pvc insulated wires with Supply and fixing of Metal Clad socket and 25/32A SP MCB and all required materials etc. for SPLIT AC	set	1		

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6	Supply and wiring of Circuits for Acs with Suitable 2mm thick PVC conduit and 4 x 6.0 Sq.mm + 4 Sq.mm earth wire Copper multi strand flexible pvc insulated wires with Supply and fixing of 3 PHASE Metal Clad socket and 32A TP MCB and all required all materials etc. for CASSETTE TYPE AC	set	9		
7	Supply and wiring of Circuits for Inputs with Suitable Size 2 mm thick PVC Conduit and 4 x 6.0 Sq.mm + 4.0 Sq.mm earth wire Copper multi strand flexible pvc insulated wires with all required materials etc.(LDB/PDB/UPS DBs)	Mts	10		
8	Supply and wiring of Circuits for Input with Suitable size 2 mm thick PVC Conduit and 2 x 6.0 Sq.mm + 4.0 Sq.mm earth wire Copper multi strand flexible pvc insulated wires with all required materials etc.(UPS input/output )	Mts	15		
9	Supply and wiring of Circuits with Suitable PVC conduit and 2 x 10.0 Sq.mm + 6.0 Sq.mm earth wire Copper multi strand flexible pvc insulated wires with all required materials etc.	Mts	20		
10	Supply and wiring of Circuits with Suitable PVC conduit and 4 x 10.0 Sq.mm + 4.0 Sq.mm earth wire Copper multi strand flexible pvc insulated wires with all required materials etc.	Mts	20		
11	SWITCH CUM SOCKETS Supply and fixing of 1 No 6A Sockets with 6A Switch control for above Switch Control Boards with suitable Surface/ MS Boxes etc. Including Connections	Nos	10		

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12	Supply, Installation, Testing and Commissioning of 3 phase 415V 4 wire Free Standing Floor mounted MV panel made out of 14 SWG MS sheet after seven tank process and painting with Epoxy powder coating including all switchgear as detailed below. The panel shall consist of suitable rating TPN Aluminum busbar (at the rating of 0.8 sq.mm) supported with DMC/SMC barriers and colour coded with Heat shrinkable sleeves. The metering shall be provided as specified. The panel shall have short circuit with standing capacity of minimum 50KA and consist of the switchgear as mentioned below. The panel shall be mounted on channels grounded to the floor including all materials. The panel shall be fabricated from manufacturers with CPRI Test certificate only. The PCC shall have at least two spare cubicles of the maximum rating. All feeders shall be earthed with 2 GI flats of adequate size to the main earth bus of 50 x 6 mm GI flat. The size of all Panel Mounting Meters shall be 96x96mm. The Panels shall be mounted on U channels including supply and fixing of the same.				
	Incoming: 125 FP change over switch -1 set 200A, 36KA TP MCCB as incomer- 1 set Busbar - 200A TPN Aluminum Busbar - 1 set Outgoings: 63/100A, 10KA, TPN MCCB - 6 sets, 40A, 10KA, DP MCB - 4 sets, 10/32ASP MCBs-18 Nos, 3x10 KVA <sub>r</sub> , 2x5KVA <sub>r</sub> Capacitor Bank with Suitable(3 Phase 5 Nos of 32A MCBs, 25A power Contractor) MCBs, Power Contractor, ON/OFF Push Button, Auto power Factor Controller( L&T Make With Required all Connections and Meters etc), Metering - i) 0 - 500V Digital Voltmeter with Selector switch - 1 set, ii) 0 - 200A Digital Ammeter with 200/5A class 1, 15VA resin cast CTs and Selector switch - 1 set ,iii) Phase indication lamps with individual fuse control and toggle switches - 1 set	Nos	1		
13	Supply & Installation, testing and Commissioning of the 8 way Vertical TPN Double door DB with 125A 4Pole, 25KA MCCB-1No as incomer, and Outgoings-63A TP MCBs-2Nos, 32A TP MCBs-2 Nos, 10/32A SP MCBs-12 Nos and all required materials etc.(MDS Legrand) one for lighting and one for AC's	Nos	1		
14	LDB/PDB: Supply & Installation, testing and Commissioning of the 4 way ETPN Double door DB with 63A 4Pole MCB-1No as incomer, and Outgoings- 10/32A SP MCBs-12 Nos and all required materials etc.(MDS Legrand ) for Lighting	Nos	2		

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15	UPS OUTPUT DB: Supply & Installation, testing and Commissioning of the 12 way SPN Double door DB with 63/32A 2Pole MCB-1No as incomer, and Outgoings- 10/32A SP MCbs-10 Nos and all required materials etc.(MDS Legrand ) For UPS Outgoing	Nos	1		
16	<b>UPS/AC DB:</b> Supply and fixing of 4 Pole Enclosure with 4 Pole 63A MCB-1No For UPS Input	Nos	2		
17	<b>UPS:</b> Supply and fixing of 4 Pole Enclosure with 4 Pole 63A Phase Selector switch with MCB-1No For UPS Input(3 Phase to Single Phase Converter)	Nos	1		
18	<b>UPS DB:</b> Supply and fixing of 2 Pole Enclosure with 2 Pole 32A MCB-1No For UPS Output	Nos	2		
	<b>Power Cable</b>				
19	Supply & laying of 3.5Cx120 Sqmm LT Al armoured cable.	Mts	15		
20	Power Cable Supply & laying of 3.5 C x 95 Sq mm LT Al armoured cable	Mts	15		
21	Supply & laying of 3.5Cx 50 Sqmm LT Al armoured cable.	Mts	15		
22	Supply & laying of 4Cx 16 Sqmm LT Al armoured cable.	Mts	15		

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<b>Cable End Terminations</b>					
23	3.5c x 95 sq.mm cable end terminations	Sets	2		
	-				
24	3.5 C x 120 Sq.mm Cable end Terminations.	Sets	2		
25	3.5 C x 50/16 Sq.mm Cable end Terminations.	Sets	6		
	LIGHT FITTINGS Supply and fixing of the following light fittings complete with lamp/Tubes. The fixtures shall be installed with supply of all materials such as Teakwood round block, balancing socket, conduit pipe, nipples, check nuts, bolts, nuts, PVC flexible hose, suspension rod/chain clamps/Connection wire from Ceiling Rose to fittings, Exhaust Fan Point all required materials etc.				
26	36 watts LED PLOT Light fitting with complete accessories.(2'x2')	Nos	20		
27	16 watts LED square light fitting with complete accessories.( down light )	Nos	137		
28	Supply & fixing of Heavy Duty Exhaust Fans 12" with all required material.	Nos	2		

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29	UPS Wiring Supply and wiring of Circuits for UPS power from UPS DB to Individual Tables with Suitable 2 mm thick PVC Conduit and 2 x 2.5 Sq.mm +2.5 Sq.mm earth wire Copper multi strand flexible pvc insulated wires with all required materials along with Supply and fixing of 2 No of 6A Switches and 3 No of 6A Sockets	Pts	2		
30	Supply and wiring of Circuits for Raw power from RAW Power DB to reception table and on wall or partition as required with Suitable 2 mm thick PVC Conduit and 2 x 2.5 Sq.mm +1.5 Sq.mm earth wire Copper multi strand flexible pvc insulated wires with all required materials etc. along with Supply and fixing of 1No of 6A Switch and 1 No of 6A Sockets	Pts	10		
31	Supply and wiring of Circuits for Raw power from RAW Power DB to wall or partition as required with Suitable 2mm thick PVC Conduit and 2 x 4.0 Sq.mm + 2.5 Sq.mm earth wire Copper multi strand flexible pvc insulated wires with all required materials etc along with Supply and fixing of 1No of 16A Switch and 1 No of 16A Sockets.	Pts	6		
	<b>EARTHING</b>				
32	Supply, fixing, testing& commissioning of earthing Earth pit with copper plate 600 x 600 x 3 mm thick, 25 x 6 mm Copper flat, 40 mm GI pipe, 100 KG charcoal, 100 KG salt, funnel, mesh, cover etc. digging depth up to 7' as for IS Standards	Nos	1		
33	Supply, fixing, testing& commissioning of earthing Earthpit with GI plate 600 x 600 x 3 mm thick, 25 x 6 mm GI flat, 40 mm GI pipe, chorcoal, salt, funnel, mesh, cover etc. digging depth up to 7'	Nos	1		
34	Supply and fixing of Copper earthing wire 6 sq.mm single core	Mtrs	50		
35	Supply and fixing of 8SWG bare Copper wire with suitable PVC conduit all required materials etc.	Mts	50		

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36	Supply and fixing of 8SWG bare GI wire with all materials etc.	Mts	50		
37	Supply and fixing of 25 x 6 mm GI flat with all materials for Main panel and ductible ac units etc.	Mts	50		
	<b><u>Telephone</u></b>				
38	Supply and fixing of RJ 11 Telephone socket with 2 Pair Telephone Cable From Each Table to EPABX, this include suitable Surface/concealed box and all required materials. This Includes Supply and fixing of Suitable PVC Conduits and Cable Numbers provided.	Sets	2		
39	Supply and Wiring of Telephone Points Wiring with 10 Pair Copper cable and suitable conduits, all required materials etc. if required item to be done	Mts	50		
40	Supply and fixing of 50 Pair crown box with connector and all connections etc.	Nos	1		
	<b><u>LAN CABLING (Cat-6)</u></b>				
41	Supply and Laying of 4Pair, UTP cat 6 Lan Cable with Information outlet and Suitable 2mm Thick PVC Pipe Laying below Flooring / Wall / Slab etc MS Junction Boxes to All Tables, Including all Related Civil Works etc All Cable Numbers to be Provided at both ends (Systemax)	Pts	2		
42	Supply & fixing of 7 feet factory crimped Patch Cords.	Nos	2		

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43	Supply & fixing of 3 feet factory crimped Patch Cords.	Nos	2		
44	Supply & fixing of 16 port switch with Accessories	Nos	1		
				Total - 1	
				Discount if any	
				Grand Total	

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