MÖS		1.000
MQS		4
160mm thick concrete floor screeding to raise the floor to accomodate the drainage pipes and floor gratings to receive floor finish in the Kitchen FOH counter areas; all in accordance with drawings site conditions.  Note Total height of floor to be raised including floor finishes is 200mm in the kitchen FOH counter area only	28	
NDS		1 (6)
SQM		
SQM		
SQM	Acres de la constante de la co	1
SQM		Ц
Supply and installation of fire rated Gypsum board cladding on the existing walls to pass the MEP services to receive the final finishes with the necessory supports, fittings and fixtures in the FOH dining area walls. (excluding final finishes).  Purposed height is 3150mm, it may be change as per site conditions.  Note Framing and single side board to be installed on existing wall. Final Finishies price to be quoted in wall finishes section.	66	
MOS		
MOS		
MDS	2005	-
Supply and installation of fire rated calcium silicate board cladding on the existing walls in the Kitchen pot wash area to pass the MEP services to receive the final finishes with the necessory supports, fittings and fixtures (excluding final finishes).  Purposed height is 3000mm, it may be change as per site conditions.  Note Framing and single side board to be installed on existing wall. Final Finishies price to be quoted in wall finishes section.	25	01
MQS		
MDS		
мQs		
SQM		
SQM		
MDS		
Note Framing and double side board to be installed. Final Finishies price to be quoted in wall finishes section.		
supports, fittings and fixtures (excluding final finishes).  Purposed height of kitchen partition wall is 4925mm and pot wash room is 3000mm, it may be SQM	41	1
Supply and installation of fire rated calcium silicate board Partition Wall with the necessory		
МОЛ	Quantity Length	ntity

Standard checked by

		14	13	12			i i								11	10	9	&		,	1	6				5
575 901	HS WAII	Supply installation of WOODEN MOULDING STRIP finished with paint of approved colour on the walls of Dining FOH area as per drawings and renders.  Note Material to be approved by clients Team	Supply Painiting of matt finish paint of approved color on the walls of dining FOH area as per the drawings renders  Note Material to be approved by clients Team	Allow sum for the supply and Installation of SS corner beeding on the corners of kitchen wall tiles.	Takkar	Pot inside left	Pot inside front	RHS front wall	Pot wall?	Port wall	RHS Wall	LESS 0001	KICHEH HISIAE HOHLWAH	Victor incide front wall	Supply installation of 300x300 mm White wall tile in the kitchen. Pot wash area as per drawings and renders.  Note material to be approved by Clients Team. Considered Ceiling height in kitchen is 2800mm.	supply installation of 100mm wooden skirting matching wall color as per the renders drawings. Note material to be approved by Clients Team	Supply and installation of anti-skid 300 x 300 mm designer floor tile in the FOH area; colour design as per drawings render. Note material to be approved by Clients Team	Supply and installation of Stone Plastic Composite (SPC) flooring in the FOH dining area area; colour design as per drawings render.  Note material to be approved by Clients Team	Kota stone flooring	Note Material to be approved by Clients team.	Supply and installation of anti-skid 600 x 600 mm white floor tile in the kitchen Pot wash area as	Supply and installation of self levelling with all necessary items; all in accordance with drawings.	Chamber waterproofing	Bund wall waterproofing BOH counter area wall	Bund wall waterproofing kitchen wall	Wet Areas 2 Layers of 4mm thick 585 Bituminous memoratic with 24-from water politics, including the sealing of Cores in the slab walls (inspected and approved from airports team).
		RM	SQM	LS	SQM	MOS	MOS	SQM	MOS	SQM	MOS	MOS	MOS	MOS	SQM	RM	SQM	MDS	MDS		MOS	MDS	NOS	MAN	MOS	MDS
		187	86	1											52	28	26	25			12	62				74
1	1.88				0.12	1.32	1.45	1.03	0.95	0.9	3.12	2.5	0.9	4.72					4.0				0.5	0.1.0	4.835	
1	8				N N												7.		04.2	2 40			0.0	0.2	0.3	
The Control of the Co		1			2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.1	2.9												
18	12	er.			_	3			2	2														12	1	
35	22	142.77			0.090	3.828	4.205	2.987	5.51	5.22	9.048	7.25	1.89	13.688	54.322				11.100	11.408				1.08	1.545	4.0755
50	22.56	77		1	1	ν α	1	17	1	2	8	5	9	8	1					1	\		1	1	1	1

Stead to farmilles &

22	A Contract of the Contract of	20	19	18	17	16	15					11	14						
Allow sum for the closing of wall opening using foams.  Allow sum for the Kirchen autisment continuent unloading and shifting till outlet	Supply and installation of heavy duty single leaf both side swing fire rated wooden door (KITCHEN DOOR FLUSHED TO WALL INVISIBLE TYPE FINISHED WITH SAME WALL COLOUR) with the door frame for kitchen, including all the fittings accessories as per the drawings and renders.  Groove to be provided as per drawing and render.  Dim 2200H x 900W mm  Note Door frame should not be visible from Customer dining area.	Supply and painting with matt finish paint on the slab walls of void celling area of FOH dinning, including paints on all MEP services metal ceiling parts.  Note color to be selected approved by Clients Team.	ith cove (for cove lights provision) in with necessary support, fixtures itting—finishing for the AC grill diffuser	Supply and Installation of Metal 3x3cm mesh ceiling with fire rated hanging flowers in the FOH Dining areas including the final finishes with necessary support, fixtures accessories as per drawings renders.  Note Material to be approved by Clients Team.  This ceiling will be Mesh type so that flower can be hanged.	Supply Installation of 600x600 mm metal tile ceiling in the Kitchen Pot wash area with necessary support, fixtures accessories as per drawings renders  Note-Material to be approved by Clients Team.	Hood - Hot Cooking line 2400 L x 1000 W x 400 H mm	Supply installation of Wooden moulding strip finished with approved colour on the front elevation as per drawings and renders.  Note Material to be approved by clients Team												
LS LS	Nos	LS	SQM	MDS	SQM	LS	RM												
	•	1	53	23	12	1	4				<i>L</i>								
		1						0.65	1.6	1.8	1.5	0.575	2.33	2.705	150	1.215	1.78	1.505	1.22
A part										-				+	+			+	+
								4	2	2	2 2	2	4	4	4 4	2	2	6	16
										-	-	1	9	10	, a	2.	3.	9.	19
		8		10		L		2.6	3.2	3.6	376	1.15	9.32	0.82	62.6	2.43	3.56 /	9.03	19.52

Source Henry Park Manny & FDT

	PANEL SWITCHGEAR '	UOM	QTY Quantity	Length	Width	asurement Height	Nos	Unit	Qty
_								-	40
1	Supply, installation, testing commissioning of free standing, floor mounting compartmentalized panels				1				
ľ	fabricated out of CRCA sheet steel sections after carrying out 7 tank cleaning process and duly powder	5.00							
10	coated using Siemens Grey Shade No. RAL 7032. The frame structure doors and claud place at the	4 -5	belging and	- Paliting					
14	2.0 mm thick sheets and partitions shall be with 1.6 mm thick CPCA sheet. Page should be as a					12			
ıc	mm of ISMC shall be provided. The panel shall be dust and vermin proof with page 1997 and 1997	-							1
10	loors shall be provided with concealed hinges and with hrazing wherever required to avoid		A						
Id	leformation and shall be earthed. The bus har shall be of tipped Copper with an army and a shall be earthed.							1000	3.0
ľ	be insulated with colour coded heat shrink sleeves. The control wiring min 2 f.c 1 u	J- 20 (4), 2		100					1
14	ype. The ranei shall be provided with C.Is. phase indication lamps, meters, release and all and a		1100 200					1	
le	tc. as per the SLD. The panel shall be complete in all aspects as per the final approval of the		100					0.00	
lc	Consultant. All components for Switchgears shall be L.T. Legrand		1						1
									ı
ĮP	Providing installing MAIN LT PANEL as per SLD Spec.	Set	1				_		_
1	25 Amps 4 pole, 25kA MCCB as a Incomer with overload, short circuit Earth Fault protection, Energy	1000	-						_
100	manager with K3483 port for BMS connectivity 4A with SP MCR with 100 5A-2 No. 15VA CL 1 CT				and the state of the state of		· C	-	
110	or metering of AE make and phase indicating lamps Vaishno make with SPMCB	25,455	Note the period	bearing to the	h		de marginal	1000	
В	Busbar chamber - 1 set, 4 pole 125A Tinned AL. Busbar with necessary								
C	DUTGOINGS								
3	12A 4P MCB - 1 Nos.							7.1.1	
	0A 4P MCB - 2 Nos.				1,177.1			100	
	53A 4P MCB – 3 Nos.								
	30A 4P MCCB 16kA TM Based O C, S C release.								
٦	Son A P MICED TORA THE BASED O C, S C release.			10	T. P. Contract	100			
13	Supply, installation, testing commissioning of Switchgears.(Standard Product)	MARINE	4						
Is	Supply,Installation,Testing and Commissioning of 32 Amps,4Pole MCB for HVAC Outdoor Isolation all		100	1.					
c	complete with mounting accessories.	Nos.	1		3 7 7 7 7 7 7		F. L. Liner		200
Is	Supply, Installation, Testing and Commissioning of 40 Amps, DP, MCB for UPS INVERTER Isolation all		_						
10	complete with mounting accessories for UPS.	Nos.	2	10000					
12	20A Rey roll socket complete with 32 amps DPMCB with 3 pin metal clad socket - Legrand make		111						
	Model No. 6078 41	Nos.	9		100			146.00	1
	5 15A Rey roll socket complete with 15 amps SPMCB with 3 pin metal clad socket - Legrand make		15.2						
ŀ	Model No. 6078 41	Nos.	5	CLAUSE 15	the state of the state of	1000		100	
	INVERTER UPS						_		1
	Supply, Installation, testing and commissioning of 6 KVA UPS System Single Phase I C Single Phase O	102					_		_
1	G complete with 30 Minutes Battery Back-up the required accessories as specified in the drawings the	Noc		100	1200	100			1
Ľ	o complete with 30 minutes Battery Back-up the required accessories as specified in the drawings—the specifications.	NOS	1		1.754	/			-
	DISTRIBUTION BOARDS		,					_	-
									-
	Supply, installation, testing commissioning of Distribution Boards surface flush mounted with Double			Carrier Co.		to a many		Dr. Inc.	
	door containing MCB ELMCB as incomer and SPMCB as outgoing. All MCBs are of 10KA breaking	\$10 m		A second		6.00			100
	capacity and ELMCBs RCCB should be of 30mA 100 mA sensivity. The DB shall have appropriate no. of					1. 1			
ŀ	top and bottom knock outs for outgoing circuits and shall be complete with necessary busbars,				V 2005	200		-	
ŀ	interconnection terminals and earth studs. All terminations in DB shall be complete with ferulling,						Born of		
ŀ	dressing and all circuits shall be properly labeled with PVC strip (sticker type) having identification as	46	Billian on						
h	per the final approval of Consultant. For UPS DB MCB shall be D type and other MCBs shall be C	7				1000			0
ŀ	category for lighting and raw power DB LEGRAND L T	1	1 1 1 1 1		all a second				
	Lighting Distribution Board - LPDB	Nos.	1	1		1 1 1 1 1 1 1 1			
T	8 WAY TPN DB			100				11/20	
	I C- 1 # 32A FP MCB, 10KA	10.00			10-1			-	
	SUB I C - 3 # 25A DP RCCB 30mA per phase		E I S I					1700	11
	O G - 18 # 10A SP MCB	507		2		1000			
	Kitchen Power DB - (KPDB-1)	Nos.	1	1		111111111111111111111111111111111111111	2		
			free contract	0.00					
	12 WAY TPN DB				1/01/01/01		7		
	I C- 1 #80 A FP MCB								
	SUB 1 C- 3#63 DP ELCB 100mA per ph								
	O G - 30 # 16 20A SP MCB			,	S. C.		-		
	EMERGENCY LIGHTING DB (ELDB)	Nos.	1 .	- 1					
	12 way SPN DB		-						
- 1	Incomer 40A DP RCBO 30mA						_		
	Outgoings 10 16 SP MCB, D Type - 8 Nos							-	
					Tarrier Tarrier				
1	TOTAL FOR DISTRIBUTION BOARDS								_
-	TOTAL FOR DISTRIBUTION BOARDS  CABLES ACCESSORIES	4.5		4 7 11			1		
1	CABLES ACCESSORIES	400		7			1		
-	CABLES ACCESSORIES Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600			1					100000000000000000000000000000000000000
	CABLES ACCESSORIES Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per 15 standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly								
	CABLES ACCESSORIES Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at								
	CABLES ACCESSORIES Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to								
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.	Mtr.	100						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY		100						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm AZXFY  4C x 16 Sq. mm AZXFY	Mtr.	20						
	CABLES ACCESSORIES Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY 4C x 16 Sq. mm 2XFY 4C x 6 Sq. mm 2XFY Cable (Cu)	Mtr. Mtr.	20 15						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5 C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 6 Sq. mm 2XFY Cable ( Cu )  4C x 4 Sq. mm 2XFY Cable ( Cu )	Mtr. Mtr. Mtr.	20 15 15						
	CABLES ACCESSORIES Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY 4C x 16 Sq. mm A2XFY 4C x 6 Sq. mm 2XFY Cable (Cu) 4C x 4 Sq. mm 2XFY Cable (Cu) 3C x 6 sq. mm VWY cable (Gu)	Mtr. Mtr. Mtr. Mtr.	20 15 15 15						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm ZXFY Cable (Cu)  3C x 4Sq. mm ZXFY Cable (Cu)  3C x 5sq. mm TYYY cable (Cu)	Mtr. Mtr. Mtr. Mtr. Mtr.	20 15 15 15 40						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable [Cu]  4C x 4 Sq. mm 2XFY Cable [Cu]  3C x 4sq. mm YWY cable [Cu]  3.5C x 35 Sq. mm A2XFY	Mtr. Mtr. Mtr. Mtr. Mtr. Nos.	20 15 15 15 40 2						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 6 Sq. mm 2XFY Cable (Cu)  3C x 6sq. mm YWY cable (Cu)  3C x 6sq. mm YWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY	Mtr. Mtr. Mtr. Mtr. Mtr. Nos.	20 15 15 15 40 2						
	CABLES ACCESSORIES Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY 4C x 16 Sq. mm 2XFY Cable (Cu) 4C x 4 Sq. mm 2XFY Cable (Cu) 3C x 6sq. mm YWY cable [Cu] 3C x 4sq. mm YWY cable [Cu] 3.5C x 35 Sq. mm A2XFY 4C x 16 Sq. mm A2XFY 4C x 16 Sq. mm A2XFY 4C x 16 Sq. mm XYY cable (Cu) 3.5C x 35 Sq. mm A2XFY 4C x 16 Sq. mm A2XFY	Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos.	20 15 15 15 40 2 4						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 6 Sq. mm 2XFY Cable (Cu)  3C x 4 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 6 Sq. mm A2XFY Cable (Cu)	Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos.	20 15 15 15 40 2 4 4 4						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm AZXFY  4C x 16 Sq. mm AZXFY  4C x 6 Sq. mm ZXFY Cable (Cu)  3C x 6sq. mm YWY cable (Cu)  3C x 6sq. mm YWY cable (Cu)  3.5C x 35 Sq. mm AZXFY  4C x 16 Sq. mm AZXFY  4C x 16 Sq. mm AZXFY  4C x 45 Sq. mm ZXFY Cable (Cu)  4C x 45 Sq. mm ZXFY Cable (Cu)	Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos.	20 15 15 15 40 2 4						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 6 Sq. mm 2XFY Cable (Cu)  3C x 4 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 6 Sq. mm A2XFY Cable (Cu)	Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos.	20 15 15 15 40 2 4 4 4						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5 C x 35 Sq. mm AZKFY  4C x 16 Sq. mm AZXFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3C x 6sq. mm YWY cable (Cu)  3C x 6sq. mm YWY cable (Cu)  3C x 6sq. mm AZXFY  4C x 16 Sq. mm ZXFY Cable (Cu)  3C x 6sq. mm YWY cable (Cu)	Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos.	20 15 15 15 40 2 4 4 4						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5 C x 35 Sq. mm AZKFY  4C x 16 Sq. mm AZKFY  4C x 6 Sq. mm ZKFY Cable (Cu)  3C x 6 sq. mm YWY cable (Cu)  3C x 6 sq. mm YWY cable (Cu)  3C x 6 sq. mm YWY cable (Cu)  4C x 16 Sq. mm AZKFY  4C x 16 Sq. mm AZKFY Cable (Cu)  4C x 4 Sq. mm ZXKFY Cable (Cu)  WIRING ACCESSORIES  Notes  Notes	Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos.	20 15 15 15 40 2 4 4 4						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  4C x 4 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm YWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  4C x 4 Sq. mm 2XFY Cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle enders calling roses as required conduits conduit accessories such as unclosed so and a supplementation of the suring accessories such as angle enders calling roses as required conduits conduit accessories such as junction boxes. Ts, ethows	Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos.	20 15 15 15 40 2 4 4 4						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  4C x 4 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm YWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  4C x 4 Sq. mm 2XFY Cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle enders calling roses as required conduits conduit accessories such as unclosed so and a supplementation of the suring accessories such as angle enders calling roses as required conduits conduit accessories such as junction boxes. Ts, ethows	Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos.	20 15 15 15 40 2 4 4 4						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm AZKFY  4C x 16 Sq. mm AZKFY  4C x 16 Sq. mm ZKFY Cable (Cu)  3C x 45q. mm ZKFY Cable (Cu)  3C x 45q. mm YWY cable (Cu)  3C x 45q. mm YWY cable (Cu)  3C x 5dq. mm AZKFY  4C x 16 Sq. mm XZFY Cable (Cu)  3C x 5dq. mm YWY cable (Cu)  3C x 5dq. mm XZFY Cable (Cu)  4C x 4 Sq. mm ZXFY Cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle holders ceiling roses as required, conduits, conduit accessories such as junction boxes, Ts. elbows etc. Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted	Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos.	20 15 15 15 40 2 4 4 4						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3C x 4 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm YWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY Cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle holders ceiling roses as required. conduits, conduit accessories such as junction boxes, Ts, ethows etc. Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted paid separately.	Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos.	20 15 15 15 40 2 4 4 4						
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	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm YWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm YWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm YWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm YWY cable (Cu)  4C x 4 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm XFY Cable (Cu)  4C x 4 Sq. mm 2XFY Cable (Cu)  4C x 6 Sq. mm YWY cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires. wiring accessories such as angle holders ceiling roses as required. conduits, conduit accessories such as junction boxes. Ts, elhows etc. Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted paid separately.  5 supply, installation, testing commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Distribution Board upto First point of the circuit and shall include to the remaining of the primary point shall include wiring from Distribution Board upto First point of the circuit and shall include the remaining of the primary point shall include the measured in nos and shall include the remaining	Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos.	20 15 15 15 40 2 4 4 4						
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	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  4C x 4 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm YWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle holders ceiling roses as required, conduits, conduit accessories such as junction boxes, Ts, ethows etc. Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted paid separately.  Supply, installation, testing commissioning of point wiring for light points, power points. Point wiring or primary point shall include wiring from Distribution Board upto First point of the circuit and shall be measured in nos. Secondary points shall also be measured in nos and shall include the remaining	Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos.	20 15 15 15 40 2 4 4 4						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3C x 45q. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3C x 45q. mm 2XFY Cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle enclosers ceiling roses as required. conduits, conduit accessories such as junction boxes, Ts, elbows etc. Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted paid separately.  Supply, installation, testing commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Distribution Board upto First point of the circuit and shall be measured in nos. Secondary points shall also be measured in nos and shall include the remaining light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall be measured in Nos. Cost of Gl conduits and accessories shall be	Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos.	20 15 15 15 40 2 4 4 4						
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	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3C x 45q. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm MYWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm MYWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm MYWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle holders ceiling roses as required. conduits, conduit accessories such as junction boxes. Ts, elhows etc, Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted paid separately.  Supply, installation, testing commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Distribution Board upto First point of the circuit and shall leight points of the circuit and shall leight points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall be measured in Nos. Cost of GI conduits and accessories shall be included.  Averagepoint length of primary secondary to be derived by Contractor, fromthe drawing provided	Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos.	20 15 15 15 40 2 4 4 4						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3C x 4 Sq. mm 2XFY Cable (Cu)  3C x 4 Sq. mm YWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle holders ceiling roses as required. conduits, conduit accessories such as junction boxes, Ts. elhows etc. Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted paid separately.  Supply, installation, testing commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Distribution Board upto First point of the circuit and shall be measured in nos. Secondary points shall also be measured in nos and shall include the remaining light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall be measured in Nos. Cost of GI conduits and accessories shall be included.  Averagepoint length of primary secondaryto be derived by Contractor, from the drawing provided hallow.	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos.	20 15 15 15 15 2 4 4 4 4 112						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5 C x 35 Sq. mm AZKFY  4C x 16 Sq. mm AZXFY  4C x 16 Sq. mm ZXFY Cable (Cu)  3C x 6sq. mm YWY cable (Cu)  3C x 6sq. mm YWY cable (Cu)  3C x 6sq. mm YWY cable (Cu)  3C x 5sq. mm AZXFY  4C x 16 Sq. mm AZXFY  4C x 16 Sq. mm AZXFY  4C x 16 Sq. mm ZXFY Cable (Cu)  3C x 6sq. mm YWY cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle holders ceiling roses as required. conduits, conduit accessories such as junction boxes, Ts, elhows etc, Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted paid separately.  Supply, installation, testing commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Distribution Board upto First point of the circuit and shall be measured in nos. Secondary points shall also be measured in nos and shall include the remaining light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall be measured in Nos. Cost of Gl conduits and accessories shall be included.  Averagepoint length of primary secondary to be derived by Contractor, fromthe drawing provided AND+-1MtrMeasured Radially.	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos. Nos. Nos.	20 15 15 15 15 2 4 4 4 12						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable [ Cu ]  3C x 45q. mm 2XFY Cable [ Cu ]  3C x 45q. mm 2XFY Cable [ Cu ]  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable [ Cu ]  3C x 65q. mm 2XFY Cable [ Cu ]  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle etc.Switches, sockets—fixtures shall not be included in the point wiring rates. These will be counted paid separately.  Supply, installation, testing—commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Distribution Board upto First point of the circuit and shall be measured in nos. Secondary points shall also be measured in nos and shall include the remaining light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall be measured in Nos. Cost of GI conduits and accessories shall be included.  Averagepoint length of primary secondaryto be derived by Contractor, fromthe drawing provided ANDP - 1 Mtr.Measured Radially  Primary Light points controlled by MCB (3R x 2.5 symm wire)	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos. Nos. Nos. Nos. Nos.	20 15 15 15 15 2 4 4 4 4 112						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable [Cu]  3C x 4sq. mm 2XFY Cable [Cu]  3C x 4sq. mm YWY cable [Cu]  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu]  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle holders ceiling roses as required. conduits, conduit accessories such as junction boxes, Ts. ethows etc. Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted paid separately.  Supply, installation, testing commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Distribution Board upto First point of the circuit and shall be measured in nos. Secondary points shall also be measured in nos and shall include the remaining light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall be measured in Nos. Cost of GI conduits and accessories shall be included.  AVER 3 DEVENTION OF The Power point shall be measured in Nos. Cost of GI conduits and accessories shall be included.  AVER 3 DEVENTION OF The Power point shall be measured in Nos. Cost of GI conduits and accessories shall be included.  AVER 3 DEVENTION OF The Power points shall be measured in Nos. Cost of GI conduits and accessories shall be included.	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos. Nos. Nos. Nos. Nos.	20 15 15 15 15 2 4 4 4 12						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable [Cu]  3C x 4sq. mm 2XFY Cable [Cu]  3C x 4sq. mm YWY cable [Cu]  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu]  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle holders ceiling roses as required. conduits, conduit accessories such as junction boxes, Ts. ethows etc. Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted paid separately.  Supply, installation, testing commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Distribution Board upto First point of the circuit and shall be measured in nos. Secondary points shall also be measured in nos and shall include the remaining light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall be measured in Nos. Cost of GI conduits and accessories shall be included.  AVER 3 DEVENTION OF The Power point shall be measured in Nos. Cost of GI conduits and accessories shall be included.  AVER 3 DEVENTION OF The Power point shall be measured in Nos. Cost of GI conduits and accessories shall be included.  AVER 3 DEVENTION OF The Power points shall be measured in Nos. Cost of GI conduits and accessories shall be included.	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos. Nos. Nos. Nos. Nos.	20 15 15 15 15 2 4 4 4 12						
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	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3C x 4sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3C x 6sq. mm YWY cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle holders ceiling roses as required. conduits, conduit accessories such as junction boxes, Ts, ethows etc, Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted paid separately.  Supply, installation, testing commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Distribution Board upto First point of the circuit and shall light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall also be measured in nos. Cost of GI conduits and accessories shall be included.  Averagepoint length of primary secondaryto be derived by Contractor, fromthe drawing provided ANDs - 1MtrMeasured Radially  Primary Light points controlled by MCB (3R x 2.5 sqmm wire)  Secondary Light points looped in the same circuit. (3R x 2.5 sqmm wire)  Secondary Light points looped in the same circuit. (3R x 2.5 sqmm wire)	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos. Nos. Nos. Nos. Nos.	20 15 15 15 15 2 4 4 4 12						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 6 Sq. mm 2XFY Cable (Cu)  3C x 45q. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle holders ceiling roses as required. conduits, conduit accessories such as junction boxes, Ts, ethows etc. Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted paid separately.  Supply, installation, testing commissioning of point wiring for light points, power points. Point wiring or primary point shall include wiring from Distribution Board upto First point of the circuit and shall be measured in nos. Secondary points shall also be measured in nos and shall include the remaining light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall be measured in Nos. Cost of Gl conduits and accessories shall be included.  Averagepoint length of primary secondary to be derived by Contractor, fromthe drawing provided AND+ 1 Mtr. Measured Radially  Primary Light points controlled from same distribution board where primary points. Point wiring for primary points shall include wiring from Switch Board upto First point of the circuit and shall be measured in nos. Secondary points shall also be	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos. Nos. Nos. Nos. Nos.	20 15 15 15 15 2 4 4 4 12						
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 6 Sq. mm 2XFY Cable (Cu)  3C x 45q. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle holders ceiling roses as required. conduits, conduit accessories such as junction boxes, Ts, ethows etc. Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted paid separately.  Supply, installation, testing commissioning of point wiring for light points, power points. Point wiring or primary point shall include wiring from Distribution Board upto First point of the circuit and shall be measured in nos. Secondary points shall also be measured in nos and shall include the remaining light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall be measured in Nos. Cost of Gl conduits and accessories shall be included.  Averagepoint length of primary secondary to be derived by Contractor, fromthe drawing provided AND+ 1 Mtr. Measured Radially  Primary Light points controlled from same distribution board where primary points. Point wiring for primary points shall include wiring from Switch Board upto First point of the circuit and shall be measured in nos. Secondary points shall also be	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos. Nos. Nos. Nos. Nos.	20 15 15 15 15 2 4 4 4 12		Tienc				
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3C x 4sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm MYWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm MYWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle holders ceiling roses as required. conduits, conduit accessories such as junction boxes. Ts, elhows etc, Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted paid separately.  Supply, installation, testing commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Distribution Board upto First point of the circuit and shall light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall also be measured in nos. and shall include the remaining light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall be measured in Nos. Cost of GI conduits and accessories shall be included.  ND+-1MtrMeasured Radially  Primary Light points controlled by MCB (3R x 2.5 sqmm wire)  Supply, installation, testing commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Switch Board upto First point of the circuit and shall be measured in nos. Secondary points shall als	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos. Nos. Nos. Nos. Nos.	20 15 15 15 15 2 4 4 4 12		1ienc				
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3C x 6sq. mm YWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm 32XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm 32XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm 32XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm 32XFY  4C x 16 Sq. mm 32XFY  4C x	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos. Nos. Nos. Nos. Nos.	20 15 15 15 15 2 4 4 4 12		o <sup>2</sup> lenc				
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3C x 4sq. mm YWY cable (Cu)  3C x 4sq. mm YWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  5C x 16 Sq. mm YWY cable (Cu)  5C x 4sq. mm YWY cable (Cu)  5C x 4sq. mm YWY cable (Cu)  5C x 4sq. mm YWY cable (Cu)  6C x 4sq. mm YWY	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos. Nos. Nos. Nos. Nos.	20 15 15 15 15 2 4 4 4 12		o lienc	0 10			
	CABLES ACCESSORIES  Supply installation of following LT XLPE FRLS cables (FINOLEX RR KABLE POLYCAB) rated for 600 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from to the specific Panel DB at both ends.  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  3C x 4sq. mm 2XFY Cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm MYWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm MYWY cable (Cu)  3.5C x 35 Sq. mm A2XFY  4C x 16 Sq. mm 2XFY Cable (Cu)  WIRING ACCESSORIES  Notes  1) Rates for point wiring shall include supply installation of Wires wiring accessories such as angle holders ceiling roses as required. conduits, conduit accessories such as junction boxes. Ts, elhows etc, Switches, sockets fixtures shall not be included in the point wiring rates. These will be counted paid separately.  Supply, installation, testing commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Distribution Board upto First point of the circuit and shall light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall also be measured in nos. and shall include the remaining light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall be measured in Nos. Cost of GI conduits and accessories shall be included.  ND+-1MtrMeasured Radially  Primary Light points controlled by MCB (3R x 2.5 sqmm wire)  Supply, installation, testing commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Switch Board upto First point of the circuit and shall be measured in nos. Secondary points shall als	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Nos. Nos. Nos. Nos. Nos. Nos. Nos.	20 15 15 15 15 2 4 4 4 12		of lienc	o Kee			

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-	Supply, Installation, testing commissioning of point wiring for Emargency light points, power points.  Point wiring for primary point shall include wiring from Distribution Board upto First point of the	1	4	-	10			2010.7	_	_
	discript and shall be measured in nos. Secondary points shall also be measured in nos and shall include	The -	13/0		c					
3	the remaining light points of the circuit controlled from same distribution board where primary point are controlling. The Power points shall be measured in Nos. Cost of FRLS PVC conduits and accessories		50.00							
- 1	shall be included.	s	100		and the same				10	-
$\neg$	Averagepoint length of primary secondaryto be derived by Contractor, fromthe drawing provided	1 294					the server se		-	+
1	AND+ -1MtrMeasured Radially Primary Light points controlled by MCB (3R x 2.5 sqmm wire)	Mari	-	to produce any			/		100	
	Providing point wiring for Raw Power points 1no. 6 16A switch socket outlet on Skirting level to be	Nos.	1					+	+	
- [1	ooped from the nearest point using 2 x 4.0 sq. mm copper conductor wires and minimum 4.0 sq. mm copper conductor PVC insulated green colour earth wire as per approval of Architect Consultant.									
5 0	Cost of FRLS PVC Conduit Floor Raceway and switch sockets are considered elsewhere). (Wires									
S	hall be LSZH type )	116	100	1						
P	lote Average primary secondary point length to be derived by Contractor, from the drawing site rovided AND + - 1 Mtr Measured Radially.									
) P	rimary Point	Nos.	2	In a large					+-	+
	econdary points roviding point wiring for Raw Power points 1no. 6A switch socket outlet on Skirting level to be	Nos.	2	4 4 1			11 11 - 11			
le o	popped from the nearest point using 2 x 2.5 sq. mm copper conductor wires and minimum 2.5 sq. mm copper conductor PVC insulated green colour earth wire as per approval of Architect Consultant.  Cost of Conduit Floor Raceway and switch sockets are considered elsewhere). (Wires shall be FRLS								100	
N	ype)  ote Average primary secondary point length to be derived by Contractor, from the drawing site  rovided AND + - 1 Mtr Measured Radially.									
P	rimary Point	Nos.	4						_	+
Hs.	econdary points	Nos.	6							_
١	upply and laying of following PVC insulated copper conductor 1100 volt grade stranded flexible LSZH rire in already laid. GI conduit concealed or surface mounted making connections where ever required o complete the installation.{For Kitchen and Bar Power Points) Conduit rate shall be paid separately.									-
	R x 2.5Sqmm + 1R x 2.5Sqmm Cu. Wires	Mtr.	120							
	R x 4Sqmm Cu. Wires  upply installation of 25 mm dia. Gl conduit with pull box junction box all accessories for Kitchen	Mtr.	228			_				
В	ar Power wiring as per the requirement									1
	do - but conduit pipe shall be Rigid type. do - but flexible conduit pipe	Mtr.	225	13 14		-			+	
	upply and installation of Perforated Cable Tray (ASIAN)out of 14 gauge GI sheet complete with	····	1 1						1 6 9	
n	ecessary fixing arrangement with Anchor Fastener and all other accessories as per the final approval	120	The state of						1	
-	f the Consultant Architect 50 x 50 x 2mm	Mtr.	25		1 24 27				1	
s	upply and installation of GI trunking (SV POWER ASIAN) with 2 mm thickness properties clamps for	44	1							
	uspension at appropriate intervals as per the route approved by Architect Consultant. (For DATA ONTROL WIRING LIGHTING POWER CIRCUITS KITCHEN)	87								
5	0 x 50 x 2mm	Mtr.	20							1
S	upply installation of GI junction boxes with 2 mm thickness, 2mm thick SS cover with 2" extra on all		4						1 24	
Si	des SS cover on top and having screw fixed plates on all four sides with knock out holes for conduits, he plates shall be retained on the sidezs having no conduit or raceway so as to avoid the entry of any	1	2						A	
١	pwanted material. Farth stud to be provided for all function boxes for earthing. Junction box to be								1	
In	repared as per the final approval of Architect Consultant. The junction boxes shall be protected from	1	4 7 7						1	1
	ne entry of unwanted material till the completion of the project the SS plates shall be installed after the final polishing of flooring.	100				_	1000		1.4	_
1.	stable for 150 x 150 x 50 mm	Nos.	2							
S	upply, installation, testing commissioning of flush mounted plate type switch and switch + sockets with hot dipped GI box complete as per the final approval of Architect Consultant		7 1							
6	A one way plate type switch	Nos.	12			-	-			-
6.	A Spin switch socket outlet for CCTV Charging point	Nos.	30			7				
10	nos 6 16A socket controlled by Inos 6 16A switch phase, 2 Nos x 5 15 amp, bakelite socket switch, housed in Fabricated SS Panel suitable for hanging	Nos.	1	7						
La.	represent for Kitchen equipments, (having Two outlet 6 modular plate)		-							
	papply, installation of temporary lighting power arrangement for construction purpose of with dustrial type switch sockets MCB's ELCB's lighting fittings as required to finish the work for dustrial type switch.		1 1 1 1							
1	necessary electrical protections throughout the site for construction work the the	lob	1							
lh:	andover of site. Contractor shall maintain the saftey rules regulations as per Air port Security									
D	epartment. The material shall be taken back by the contractor.  OTAL FOR WIRING ACCESSORIES					_				
u	GHTING FITTINGS	_	-			-			144	
	stallation, testing commissioning of the following concealed surface mounted or suspended light ktures AS PER FINAL APPROVAL FROM ARCHITECT CLIENT CONSULTANT with lamps, ballast all secessary mounting supporting accessories. No additional cost shall be paid for supporting.				10.7					
	00x600mm PANEL LIGHT	Nos.	1	-	-					
SI	JRFACE LIGHT	Nos.	4							
PI	ENDANT LIGHT-1	Nos.	11			-				
C	DB LIGHT	Nos.	5							
D	ECORATIVE WALL LIGHT	Mtr.	40			-			117	
	ED STRIP LIGHT	Nos.	5					. 1		
60	0x600mm PANEL LIGHT (Emg)	Nos.	2							
PI	NDANT LIGHT-1 (Emg)			-		+				
Sidi	ARTHING  Apply and Installation of Maintenance Free Chemical earthing using Electrode of Size approx. 38 mm  A - 2 mm, 3 metres long bonded with 50x6 copper internal strip complete with excavation, civil orks, cast iron cover with backfill compound min. 40 KG. The system shall be CPRI tested.  Arranty period of Chemical earthing from the date of commissioning shall be 5 years. Warranty arranty evoltage between earth and neutral will not exceed 0 volts for earthing pits installed.									
(N	ote Body earthing provided by Base builder. We have considered reductal earthing to	Mtr.	60			+				
	pply erection of d. strip 25 x paint in an approved manner.		45	li i					AREA .	
1	no. 4 sq. mm YY cable in 25mm GI conduit for earthing Tok NET WORK RACK	Mtr.	13					-	NA.	
м	SCELLANEOUS	Nos.	5			-			E12.1111	
Su		Nos.	6						7	
e	noly, Javing of Rubber Mats, CPRI tested contorning to standards like by 721, 115				100	26				
fo	different operating voltage ratings as below	Set			02\e	1Ce	1			
Su	pply fixing of approved shock treatment chart written in English and in their	Nos.	1		6/	-	(2)			
sh	all be framed in Teakwood and covered with glass.	Nos.	1	/	1	7	00	1	17.11	17
Su	pply fixing of the best quanty is followed by the local Language the local electrical authorities written in English, and local Language TC of Emergency Exit signage (battery operated) approval by client—architect—consultant. Make			1	FE FE	71		1.25	100	
bν	the local electrical data and the state of another than the	Nos.								

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	HVAC work, AJ Kitchen- Ahmedbad Item Name	UOM	QTY	Length	Width	Height	ement She	Unit	9
o. Item Code	HVAC High Side work and Low side Work for AJ Kitchen	UOM	Quantity	Dengan	Wilde	Tro-But	1,00		1
	Ahmedabad	1							
1	CHILLED WATER TYPE CEILING SUSPENDED AHU (AIR	7							T
	HANDLING UNIT)					1		-	$\perp$
1	CEILING SUSPENDED AHU	128		-				C 188 7 598	4
1.1	Contractor shall design the chilled water coil according to the	-			- w-	Extract 1	- 3- 3		T
	following conditions		1		Same Area	Sage Sales	Subject of		
	a. Coil air entering temperature - 75.4°F DB	100							上
	b. Coil air leaving temperature - 54 deg. F DB 52.99 deg. F WB	1000	5 5 1				3		L
- 1	c. Chilled water temperature entering - 6.0 deg. C 42.8 deg. F							12	$\vdash$
	d. Chilled water temperature leaving - 13.3 deg. C 55.9 deg. F								$\vdash$
	Make VTS Zeco Citizen		11						_
6 200	Type Capacity Tonnage ESP No. of	That To			_				-
. *	(Cfm) TR (mm WG) Rows	Sec.	P.C.	-	196-70-8		100		
a	CS AHU 1500 4.32 25 4.6	No.	1	-	Contract of	Approximate to the second	-	-	_
2	CHILLED WATER PIPING WITH INSULATION								_
2.1	CHW PIPE			-					_
	SITC of MS Heavy duty class C ERW Chilled Water pipe				1				
	conforming to IS 1239 - 2004 primer painted including bends,								
	tees, MS supports, PUFF saddles, anchor fasteners, steel angles and								
	any other material required to complete the work. The piping							100	
16.7	flange connection bolts, washers and nuts should be hot dipped								
17 6	galvanised. Flourscent Plastic Sticker paint shall be applied to indicate Water flow directions. Only End flanges to be used for								
	capping of pipes. Table E of BS code for flange thickness to be						- 1		
	adhered.				V. 1			1	_
2	Make Jindal Hissar TATA	TTALE .		-		1			
2 3 a	F 32 mm	Rmt	20	1					
4 2.2	CHILLED WATER PIPING INSULATION - INTERNAL USE	1.3	11				-		
	SITC of insulation for chilled water, piping.		1	1	18 1	-		5	
	For internal pipe - Stick 25mm thick Nitrile rubber class O				1 100				
-	Closed cell nitrile rubber with anti-microbial coating on it.								
	Insulation shall have Thermal conductivity of 0.033 W (m.K) and		4.						
	water vapor permeance of 0.10. Joints should be sealed with 50			0					
	mm wide 3 mm thick self adhesive tape and putting PVC bands at								
5	all supports.								
6	Make Armaflex K-flex	Rmt	20		-	Ess			
37 a	F 32 mm BALL VALVE	T.I.I.		3.7			- 4 - 1	A VIEW	
38 2.3	SITC of following sizes of Ball Valve consist of Cap, Brass Body,	1	7						
	Rated for 150 psi SWP, 600 psi WOG Pressure Two-piece								
	construction: with brass body, regular port, B-16 chrome-plated								
-	hall and stem, replaceable "Teflon" or "TFE" seats and seals,								
	blowout-proof stem, vinvl covered steel handle, threaded or						. 2		
	soldered ends and extended stem for insulated piping. Same valve							1	
39	shall be used as a Drain valve.	E. o.		_	_				
0	Make Zoloto Audco Kitz	Nos.	3	_			The same of the same of	1.3-	
1 a	F 32 mm BALL VALVE WITH Y-STRAINER	1103.	-	0.5	305	-3.		The base of the	
2 2.4	BALL VALVE WITH 1-STRAINER	1 2				2 3	211	and the	
	SITC of following sizes of Brass Ball Valve with Y-Strainer consist		3-35						
4	of Cap, Brass Body, Rated for 150 psi SWP, 600 psi WOG Pressure	25			100	45			
	Two-piece construction: with brass body, regular port, B-16			100	100				
	chrome-plated ball and stem, replaceable "Teflon" or "TFE" seats	0			. 14			- 5	
	and seals blowout-proof stem, vinyl covered steel handle,								
	threaded or soldered ends and extended stem for insulated piping.						17		
3	Filter element shall be of non magnetic SS sheet with perforation.			-					
1	Make Zoloto Audco Kitz	No.	1			3 3	1 4		
a	F 32 titili		1			14.5	3.		
5 2.5	PIBCV VALVES SITC of Pressure Independent Balancing cum Control Valves							7 9	
	SITC of Pressure Independent Balancing cum Control valves (PIBCV) including integrated motorised control valve and								
	(PIBCV) including integrated motorised control valve and balancing device for combined flow and water balancing				1				
	requirement. Valve body to be rated for PN 16. The valve design	0.00							
	flow rate should be factory calibrated with + - 5% flow accuracy.	3					San Francisco		
	Valve shall have necessary measuring ports, drain port, flanges			100					
	etc. Valve shall also provide temperature sensor with necessary	No.							
	cabling (min 2mtr length to be considered with each valve). The								
1	balancing to be done through microprocessor based hand held								
	terminal POT and the same results shall be furnished in the							34	
354 - 2	water balancing report as part of commissioning report and			100		2	2		
	handing over manual.		1.1			1.5			
	Make Oventrop Siemens Danfoss	No.	1			400	SV : 1 1 4 1	2	
a	F 32 mm  Auto Air Vent Valves	7		10.4	1				
2.6	Make Anergy Flamco		73 7 10	Carlo				. 1.1	
-	Providing and fitting Auto Vent Valves.	TOTAL SE	Edward III	THE LOUIS			1		
	SITC of Auto air vent in each risers common headers AHU. 3 4	100							
	auto vent valves at each coil riser header.	los.	2					-	35.5
a 2.7	SITC of Pressure gauges Thermometers	rience				-			_
2.7	Make H Guru Waree	9	1	_					_
	Necessary pressure gauges and thermometers 4 Dial type.								

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		Water Pressure gauges 150mm dial complete with gauge valves, mounting, fittings and copper tubing extension								
7 a		wherever required. Pressure gauges Range 0-10 Kg CM2	Nos.	2						•
		Thermometers of the mercury in glass stem type and copper separable well complete with guard etc., of industrial grade	1				137			
		mounting on water lines. Length 9 12 inches, Thermometer,	- 2000							
58 b	1000	Range 0-50 deg C	Nos.	2		9.175	45			
59 c		Thermowells	Nos.	4					_	
61 2	2.8	INSULATED CONDENSATE DRAIN PIPE	1103.		-				-	
-		the state of the s								
		SITC of UPVC pipes of following sizes for drain with necessary								
		supports and fittings such as elbows, tees reducers etc. The								8 8 S
1		insulation line to be insulated with nitrile rubber insulation of thickness 9mm and wrapped by weather proof protection tape.								
		The Pipe wherever concealed should also have a parallel line as a								
62		standby arrangement in case of block of primary pipe.	16.76							
63		Make Supreme, Prince, Astral					454		- 5 1	44.7
65	b	F 32 mm	Rmt	10			17 / /-	-		
73		SUB-TOTAL		- F-	3					
	3	VENTILATION SYSTEM	1		-					
75	3.1	KITCHEN DRY SCRUBBER		2000	-			100		Aug Ses Vir
		SITC of Dry scrubber - Electrostatic Air cleaner with starter panel as per specifications, suitable for following capacities, including								
		electrical starter panel. The Air filtration efficiency should be								
		between 90 to 95% units shall be staked one above other or side		N .						
		by side as per site requirement, if vendor will propose multiple								
76		units.					1			
80		Efficiency - Upto 95%, meets NIOSH 5026 Oil Mist Test				-				-
82		Particle Size - Collects particles as small as 0.01 microns Motor - Sealead ball bearings UL, single phase.	-	-						-
83		Cell - Ionizing voltage - 12 KVdc						-	7	
84		Collector voltage - 6 KVdc		1- 1-6	7 -	- 17	-		- 9-201	
	The same		- en				11.	-		
85	-	One cell comprising of 9 ionizing wires and 25 collection plates		10.5	-	-		- 7	1	
86		Controls - Auto cut-off when door is opened. Indicator lights for fault, normal or wash function.		· ·						
87	+	Pre-filter - Aluminium mesh, washable Dry contact for BMS.				-				
88	3	Make Rydair Espair								
89		CFM - 3100	No.	1			4 95		-	
91		SUB-TOTAL SHEET METAL WORKS	Acres years	1000		-				
	2 4.1	SHEET METAL WORKS FACTORY FABRICATED G.I RECTANGULAR DUCT		dan and a second				4		
		Supply, Fabrication, Testing, and Commissioning of Factory								
	-	Fabricated GI Sheet Metal 120GSM Rectangular boxed ducting,	4./						78	
		Plenums, Cowls, Elbows with turning vanes, Splitters, Reducers,	and the second	100						-
		Flanges, Collars etc as per IS and Installaton as per SMACNA standards, The complete ducting shall be provided with MS								
		Supports, Rods, Angles, Flanges, Bracing, Rubber Gaskets, Wooden							1	
		frames, Canvas Connections, etc. as per drawings and								
93	_	specifications.			7.5			- September	4	
94		GI Sheet Makes Tata, Jindal, SAIL, Ispat  Make Rola Star, Zeco Ductofab				1		700		
98		22 Gauge GI Sheet Metal Duct (751-1500mm)	Sq.mtr	15		-			1000	
	d	24 Gauge GI Sheet Metal Duct (0-750mm)	Sq.mtr	75		_			*	73.7965
	127									31.157
		Supply air duct	Sq.mtr		1.6	1.76	1 1	1		2.816
		Supply air duct	Sq.mtr	1.	1.45	0.7		1		1.018
		Supply air duct Supply air duct	Sq.mtr		1.35	1.98		1		2.673
		Supply air duct	Sq.mtr Sq.mtr	-	1.35	0.99		1		2.43
			Sq.mtr		1.35	0.99		1	1	1.3365 0.693
			Sq.mtr		1	2		2		4
- 3		Supply air duct	Sq.mtr		1.075	0.3		6		1.935
			Sq.mtr	1	1	0.75		3		2.25
$\dashv$			Sq.mtr	7	1.1	0.8		1		0.88
			Sq.mtr		1.4	1.425		1		1.995
_			Sq.mtr Sq.mtr		1.125	0.3		1		0.3375
			Sq.mtr Sq.mtr		1.1	0.7		6		4.62
	4		Sq.mtr		1.2	1.73		1	S	2.076
$\Box$			Sq.mtr		R.					42.6395
			Sq.mtr	The last	1.4	2.4	-	5		16.8
$\dashv$			Sq.mtr		1.4	1.275		1		1.785
+	-		Sq.mtr Sq.mtr		1.4	1.1		2	100	3.36
1			Sq.mtr Sq.mtr		1.4	1.44	170	2		4.032
			Sq.mtr		1.4	1.3		2		3.64
		Fresh & Exhaust air duct	Sq.mtr	200	1.2	1.3	The second second	1		1.56
	1000		Sq.mtr	50.24	0.8	0.9	7.76	1	- K. J.	0.72
			iq.mtr		0.8	0.75		1		1.68
			iq.mtr		1.1	0.75		1	- 600	0.825
	1000	Frach 9. Euch nuct air duct	a are							
		Fresh & Exhaust air duct Fresh & Exhaust air duct	g mtr		1.4	0.95	100	1		1.33

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00 4.2		Fresh & Exhaust air duct Fresh & Exhaust air duct	Sq.mtr Sq.mtr	-	1.4	0.35		1		
00 4.2			ISO mtr							
0 4.2	-	Fresh & Exhaust air duct	_		1.4	1.2		1		
00 4.2	-	Fresh & Exhaust air duct	Sq.mtr Sq.mtr		0.55	0.2		1		
00 4.2	47.00	Fresh & Exhaust air duct	Sq.mtr	-	0.94	0.45		1	-	0.2
00 4		DATE OF THE PARTY			0.51	0.03		1		0.0
4		EXTRUDED ALUMINIUM CEILING GRILLES	1				-			
01		Supply, Installation, Testing and Balancing of Powder coated aluminium supply air grilles complete with removable inner core as per approved shop drawing and specifications. The area of grille can be of any geometrical shape (Square rectangular Linear). The grilles shall be with 15 30 45° deflections as per requirement. The Colour shall be decided and approved by client and architect. Make Cosmos, Air Master System Air		3		139				,
03 4.	3	DOOR TRANSFER GRILLE		-						
300		All There's	Section 1			- 1				
104		SITC of Aluminium extruded powder coated Door transfer grills.	A STATE OF THE STA	A	7	7			*	
105	*	Door transfer grille (Back to Back)  Make Cosmos, Air Master System Air	Sq.mtr	1					-	
107 4	4	EXTRUDED ALUMINIUM SQUARE AIR DIFFUSER								-
108		Supply, Installation, Testing and Balancing of Powder coated aluminium supply air square diffuser complete with removable inner core as per approved shop drawing and specifications. The diffuser shall also be provided with Black painted GI opposed blade damper (OBD) of required sizes. The diffuser shall be suitable for gypsum grid ceiling. The Colour shall be decided and approved by client and architect.								
109	4	Make Cosmos Ruskin Titus Air Master	100		-1.00			76		
110	a	SQUARE DIFFUSER FOR GRID CEILING 600X600mm	F 1000			9.00			70077	
111 112	4.5	Supply Air Diffuser with OBD - Neck Size 225x225mm  MULTI LEAF VOLUME CONTROL DAMPER	Nos.	1	- 1					
113	7.3	SITC of opposed blade aerofoil type 1.2 mm thick Anodized Aluminium volume control dampers for ducts shall be provided with concealed gears, plastic operator and quadrants for manual control of volume of air flow and for proper balancing of the air distribution system as per the approved shop drawings and	Sq.mtr	1	13					
114	die	Make Cosmos, Air Master System Air	344			S. Free				
115	4.6	OPPOSED BLADE DAMPER SITC of Aluminium Opposed blade dampers black powder coated		-		-				
-		vertical blades type for supply air collar. The damper should be							Colores of the	
116			Sq.mtr	- 1	13.	- 15				36.0
117	4.7	CANVAS CONNECTION	1336			- 1-				71.27
118		SITC of Flexible connections between mouth piece of Fan and initial piece of ducting with inspection zip. Flexible connections shall be double thickness non-flammable material (Fire retardant type).								
119			No	1						
121	4.8	CURTAIN TYPE FIRE DAMPER  SITC of fire dampers consist of 16G GI frame, 20G GI interlocking blades secured with SS springs, blades outside airstream clamped with fusible link UL-555 listed with melting point 165 225°F, etc; as per the approved shop drawings and specifications.								
123		Make Carryaire System Air Dynacraft Air Master Fusible link as per specification UL 555	No	1		-	-			
126		NOTES	110							
127		The ducting support should be as per tender specification and additional supports are to be provided by Contractor as decided by Consultant.  Muslin cloth cover for all air outlets during construction.					Vice of the			
129		Pressure testing of complete duct work as per DW SMACNA standard.						1		
1		Silicon sealant for longitudinal transverse joints as per								
30		specification.				-			1	
31		Diffusers grilles shall be powder coated as per color approved by Architect.				1	, in .			
32	7	SUB-TOTAL SUB-TOTAL		10-						
33 5		THERMAL ACOUSTIC INSULATION				-			-	
34 5.	ı	THERMAL INSULATION								
35		The date shall be shall be	Sq.mtr	30	1.6	1.76		1	ji ji	31.157 2.816
+		Supply all duct	Sq.mtr Sq.mtr		1.45	0.7		1		1.015
+		Jauphy an duct	Sq.mtr	114	1.35	1.98		1		2.673
		Supply air duct	Sq.mtr		1.35	1.8		1		2.43
	17	Supply air duct	Sq.mtr		1.35	0.99		1		0.693
			Sq.mtr		1.1	0.63		,		0.09.5

	o le sie duct	Sq.mtr	1 1	1	_	2	2	in each	-	935
	Supply air duct Supply air duct	Sq.mtr		1.075	0.3	-	3			2.25
	Supply air duct Supply air duct	Sq.mtr		1	0.75	-	1	-		.88
	Supply air duct	Sq.mtr		1.1	0.8	10	1	-	1.9	_
	Supply air duct	Sq.mtr		1.4	1.425		1	-		2.1
	Supply air duct	Sq.mtr		1.4	0.3	-	1	_	0.33	75
	Supply air duct	Sq.mtr		1.125	0.3		6		4.	62
	Supply air duct	Sq.mtr		1.2	1.73	-	1	1-1	2.07	16
	Supply air duct	Sq.mtr	-	1.2	1.75	3	2010		T. P.	
	Make Armaflex K-flex		2		1	-	5		-11	_
5.2	ACQUISTIC INSULATION	0.000				7	1			1
3.2	Supply fixing acoustic insulation for ducting using class 1 closed cell elastomeric insulation of 10mm thick Nitrile rubber insulation adhesive, longitudinal transverse joints sealed with adhesive in neat clean manner. Material shall be processed Nitrile Rubber foam with anti-microbial protection. Insulation shall have thermal conductivity of 0.047 W (m.K) and density of	Sq.mtr	5			The second second				
8	140 - 180 kg m <sup>3</sup> .				11				1	1
39	Make Armaflex K-flex THERMAL INSULATION FOR KITCHEN VENTILATION DUCTS	124	1		-	1		-	7	1
40 5.3	SITC of Glass Fibre Blanket Insulation material bonded with Thrmosetting Resin, with factory applied laminated aluminium foil of 22 micrns with fibre glass backing. Further, wire mesh along with 7 mil cloth shall be applied on above the insulation with proper adhersive. Nominal density 32 Kg CuM. Thermal conductivity, < 0.033 W m.K at 24 degreeC. All Insuation material the state of the state	Sq.mtr	55						<b>42.6395</b> 16.8	
141	accordance with BS 476, Class O for non-combustion groups	Sq.mtr		1.4	2.4	A STATE OF THE STA	5	1,170	1.785	
	Fresh & Exhaust air duct Fresh & Exhaust air duct	Sq.mtr	1.	1.4	1.275	100	1		1.54	/
	Fresh & Exhaust air duct Fresh & Exhaust air duct	Sq.mtr		1.4	1.1	vC	2		3.36	/
F. Dank	Fresh & Exhaust air duct	Sq.mtr	1	1.4	1.44	100	2	12	4.032	/
	Fresh & Exhaust air duct	Sq.mtr Sq.mtr		1.4	1.3		2	3.	3.64	1
4 1	Fresh & Exhaust air duct	Sq.mtr	A CONTRACTOR	1.2	1.3		1	-	1.56 0.72	/
111	Fresh & Exhaust air duct	Sq.mtr		0.8	0.9		1 1		1.68	
	Fresh & Exhaust air duct Fresh & Exhaust air duct	Sq.mtr	2	0.8	0.75	-	1		0.825	/
	Fresh & Exhaust air duct	Sq.mtr		1.1	0.75		1	-	0.994	/
	Fresh & Exhaust air duct	Sq.mtr Sq.mtr		1.4	0.95		1		1.33	/
Carrier Day	Fresh & Exhaust air duct	Sq.mtr	4 14	1.3	0.5	1	1		0.65	/
	Fresh & Exhaust air duct	Sq.mtr	Jan 1971	1.3	.0.35		1		0.455	/
	Fresh & Exhaust air duct Fresh & Exhaust air duct	Sq.mtr	The F.	1.4	0.35		1		1.68	/
1 27	Fresh & Exhaust air duct	Sq.mtr	LA STATE	1.4	0.2		1		0.24	/
	Fresh & Exhaust air duct	Sq.mtr		0.55	0.45		1	1	0.2475	/
	Fresh & Exhaust air duct	Sq.mtr Sq.mtr		0.94	0.65		1	17. 17. 17. 19	0.611	//
	Fresh & Exhaust air duct	34	71.5							2
142	Make Armaflex K-flex Note	1								
143 144 a.	Insulation work to be coordinated with other agencies and repair to be included by contractor as per site requirement.  Vendors to take care of the installation, if any damages takes place							-		
145 b.	the vendor to repair or replace and hand over to clients in good and acceptable condition.  Thermal insulation shall be internal for Elliptical Expossed									
146 c.	ducting.									
147	SUB-TOTAL					1000		1		
148 6	ELECTRICAL WORKS STARTER PANEL				1	11000				
	SITC of indoor outdoor, wall mounting type 3PH, 415VAC MOTOR STARTERS IN CRCA SHEET STEEL ENCLOSURE with necssary supporting brackets and required accessories, etc., The Enclosure shall be provided with knockouts suitable for cable termination at TOP BOTTOM for incoming and outgoing power cables of A2XFY type and size specified. The starters shall be complete with suitable MPCB MCCB, Contactor, Bi-metal O L relay with SPP, ON OFF Push buttons, on off trip indication Lamp, on off push button, phase indication Lamp. Selection of relay, contractor, MPCB MCCB etc. as per Type-2 Coordination. Panel shall have provision to connect with BMS.					,				
150 151 a	Suitable for 1500 CFM AHU, DOL Starter Panel	No.	1		1	1				
151 a 152 6.2	POWER CABLING		-							
	Supply, handling, laying effecting proper connections testing and commissioning of following sizes of 1.1 KV grade XLPE insulated FRLS Aluminium. Copper conductor cables laid over MS supports cable racks or fixing on walls including clamping the cable to supports in an approved manner as required complete with Copper earthing as specified for continuous earthing along with cable. All complete as required and as per final instruction as given by Owners. Consultants and as per Technical specifications. Farthing shall be measured separately and shall be connected.	ezieno FDT	13/				W.			
153	two runs. Power to ELCB to be provided near each ODU by electrical contractor.		5			٥:			194	15

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a distrib D. 2014. Distrib. 2014. I problematic Price between well things to what he related with 15 times working promising with finings southers and building to the making journating with finings southers and building to the making formation to takens. The work shall also and secret all the provided promoted for convoled plung and making good the some bulbers exercised for convoled plung and making good the some bulbers exercised for convoled plung and making good the some bulbers exercised for convoled plung and making good the some bulbers exercised for the provided plung and making good the some bulbers exercised for the provided plung and making good the some bulbers exercised for the provided plung and making good the some bulbers exercised to the south of the provided plung and making good the some bulbers exercised for the provided plung from the provided plung from the south plung from the provided plung from the provided plung from the south plung provided with all required accessories but and the south exercised (The States and methods plung provided plungs with all required accessories bulbers from the south plung plung provided plungs to the south plung plung plung plung plungs with all required accessories bulbers from all the south plungs with all required accessories bulbers from all the south plungs and the south plungs to the south plungs plungs and the south plungs and the	2	Ť	U	W	2		1 -	1.2	=	-	σ	σ.	-	T	0	4.1	4	3.1		2.3	2.2	2	1.3	1.2	= -	A	N.S.
Rami 40  Rami 100  Nos. 1	Making chamber in brick work including internal tiling etc for S.S Grating size, 350mm x 350m 16 swg 25mm x25mm Square Pipe around the Frame and 20mmX 20mm Square pipe in cente Irame with SS perforated tray (304 SWR). Complete as per architectural detail drawing Site	Only installations testing and commissioning of S.S.Gratings	S.S. GRATING	Supply, Install PVC Multi Floor Trap for the following pipes including making all approved qua Solvent cement joints with material labour etc. all complete as per direction of the engineer-in charge.	Supply. Install PVC Floor Trap for the following pipes including making all approved quality So cement joints with material labour etc. all complete as per direction of the engineer-in-charge	100 lbm Dia	75mm Dia	50mm Dia	40mm Dia	uPVC-SWR pipes conforming to 1S 13592-92 including fittings conforming to 1S-14935-99 and agrippe pipes above 100 mm dat conforming to 1S-4985, cutting the pipes to required lengths, laying the position to required grade and level, jointing, supporting with PVC cleathot deep galvanised bracket supports, hot deep galvanised nut-bolts, anchor fastners, PVC coated U-clamp, testing and rectifying leakages for piping within vertical shafts—supported on wall—hung below slab etc. wit material—labor complete and as directed. [The Rate shall include supply and fixing of hotdip galvanised bracket nut-bolts. PVC Coated U-Clamp and screws] Vertical line bracket shall be fixed every 0.8 mtr to 1.00 mtr.] (For Waste, Vent-Internal and vertical shaft).	DRAINAGE	membrance cheaning system, ultra-voluble steritizer, internal piping, presure gages etc (System sha Auto fill stup and Auto empty start mechanisam)	Hr including required pressure manage formal string and comminissioning of Package RO plant 100	BO PACE DI ANTE S	SITC of ACO grease trap -model Lipumobil S -Capacity - 32 lit ( 0.5 LPS) with all required accessors ( Optional if not part of kitchen consultant Scope)	20 L Capacity-	Supply, installation, testing commissioning of Storage Type Electric Hot Water Generator of mentioned capacity, suitable for 3 KG cm2 pressure, Wall Mounted Floor standing type, with Auto Shut-off Thermostat, along with isolation Valves, Air Release valve, SS flexible connections and all other stid accessories	25 mm Dia incoming line	Providing Jixing, testing and commissioning capstan make Water Meter including providing. fixing inatching isolation valves strainer, non-return valve complete with all necessary fittings etc. screw type (15 Kgs Sq.cm). Valve shall have with union.	32mm Dia	25mm Dia	Providing Fixing of gun metal heavy Ball Valves-PN-16 (approved makes as covered in specification) screwed type for water system of the following diameters. Valve shall have with unions		25 mm Dia	CPVC Pipes conforming to ASTM D-2B46, SDR-11 grade and CPVC solvent weld littings like elbows; rees, couplars, brass-threaded adaptors; insert ring etc. suitable for (domestic and flushing) cold applications rated, conceded piping within wall. floor including jointing with fittings using solvent cement, brass threaded end fittings for making connection to fixtures. The work shall also include chasing the walls with machine wherever required for conceded piping and making good the same after laying of pipes inceessary pressure testing Chasing finishing shall be done with 11 cement mixed mortar, restore the same original condition for internal and shalt piping, including necessary foot deep galvainsed supports vertical horizontal, as per direction of Site incharge direction. (The rate shall include supply of \$5.5 screws and nut bolts etc.chasing in walls done by machine]. (For Joinesius and Finshing water-Toilet internal) (Pipe shall be tested with 1.5 times working pressure 20 min Dia.	WATER SUPPLY PIPING	Remnaine
3			+				R.mt	K mil	0	g in	+						1	1	ved Nos.	Nos.	-	7.00	K.mt	K.mt			MON
			+								+	-	-	+			-	-	-	-		u	10	40	4	88	Quantity
												7	-											7			Length
																										-	Width
						1																		- The state of the		The state of the s	Height
			-	1		1					i				$\parallel$								1	1		NOS	
						+					*				$\parallel$					1		.	1	1		Unit	
								+			_				$\dagger$					†		$\dagger$		1		Qty	

Strange Strange