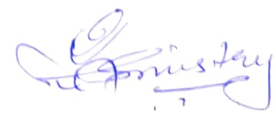


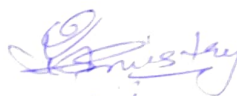
DETAILED BOQ OF PROPOSED MASALA KITCHEN AT GUWAHATI AIRPORT			BOQ Qty.		Actual Qty.	
SL NO.	Item	Description	Unit	Qty	Unit	Qty
All components of carpentry (Plywood / Gypsum boards) to be of 1Hr Fire rating						
CIVIL/CARPENTRY WORKS						
A	PARTITIONS/ BOXING					
1	Demolition	Existing flooring to be scrapped out before doing the waterproofing	Sqm	26	Sqm	25.0
2	Bund wall	Providing and constructing 100 mm thick concrete block masonry made out from concrete blocks conforming to IS 2185 (Part-III) having minimum crushing strength 30 Kg/Sq. cm and maximum water absorption 10%, in cement mortar CM 1:4 (1 cement : 4 sand) mixed with approved non-shrinking compound as per manufacturer's instructions, curing, doing independent double legged scaffolding as per specifications etc. at all heights, depths and leads as directed by the PM to his entire satisfaction.  Providing 100 mm thick block wall (up to 100 mm height)	Rmt	10	Rmt	10.0
3	150 mm THK. Dry Partition Wall	Providing and fixing of 150 mm THK partition wall (Till true ceiling), made-up of Bison board in kitchen side. and 18mm thk ply on the other side with aluminium/Softwood frame, spaced at min. 600mm c/c as per detail; all to take finishes as per details and design.	Sqm	3	Sqm	-
B	COUNTERS / STORAGE UNITS / BUILT TABLES					
4	Servery Front Counter (H01) Refer-04DE:400 to 402	Providing & fixing Servery front counter of size 9250 (L) x 850 (D) x 900 (H) with - 12/18 mm thk Ply Carcass with internal adjustable shelves & shutters - Counter top finish With HPL Laminate. - Outer Fascia finished with Wall tile, Laminate and Metal Element - Internal surfaces with laminate finish - Aluminium Glass partiton over Front counter 1455(L)x1065(H) all as per design & details Contractor to coordinate with electrical contractor for fixing of switch-sockets Contractor to also make router cuts on the counter top as indicated	Nos	1	Nos	1.0

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5	Servery Rear Counter (H02) Refer-04DE:403 &404	Providing & fixing Servery Rear counter of size 7720 mm (L) x 750 (D) x 900 (H) with - 12/18 mm thk Ply Carcass with shutters - Black granite Counter top finish - Outer Fascia finished with Laminate - Internal surfaces with laminate finish all as per design & details Contractor to coordinate with electrical contractor for fixing of switch-sockets Contractor to also make router cuts & cuts for sink on the counter top as indicated	Nos	1	Nos	1.0
6	Bulkhead Over Rear counter (H03) Bulkhead=6360 Lx 600 Hx 730 D Overhead shelf=2300 Lx 600 Hx730 D Refer-04DE:405	Providing and fixing of Bulkhead and overhead shelf over rear counter with - 19mm FR+WP Commercial Board carcass - Outside finished LaminatePT02	Nos	1	Nos	1.0
7	Screen Wall (H04) (1200 Hx1775 L) Refer-04DE:406	Providing and fixing of side Screen Wall over front counter with - 30x25mm M.S frame - Outside finish powder coat MT01 -Metal plate with art work MT04	Nos	1	Nos	1.0
8	Sliding door (H05) (1200 L x2100 H) Refer-04DE:407	Providing and fixing glass over frame	Nos	1	Nos	1.0
9	Flip up door (H06) Refer-04DE:401	Providing & Fixing of door -950mm W x825 H , with Ply base and fixed to front counter with spring loaded heavy duty hinges and necessary fixtures and fittings	Nos	1	Nos	1.0
FINISHES						
C	FLOORING / WALL CLADDING / WALL PAINT/FALSE CEILING					
10	Vertified floor tile flooring (Servery) (600x600 antiskid grey colour tile) Refer-02GA:103	Providing & Laying of Ceramic tiles -(600x600 antiskid grey colour tile) adhesive and epoxy grouting	Sqm	25	Sqm	35.3

  
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11	Water proofing on the mother slab Refer-02GA:103	Providing and laying proprietary chemical water proofing system consisting of polymer modified acrylic base coating in two coats in form of slurry (total consumption of 1.5 Kg/Sqm) as approved by the PM and as directed by the approved manufacturer of waterproofing coating, with sandwiched fibre mesh and protective screed. The work shall include cleaning of surface, grouting porous surfaces including making 'V' grooves at junctions, cracks with non shrink crystalline base cementitious grout etc. Further including horizontal and vertical surfaces protected with 20mm.screeding in 1:4 mortar (1 cement : 4 sand), finished in ready to receive Architectural finish, in correct line, level and plumb, curing, grouting, testing, etc. all complete to entire satisfaction of the PM, contractor to provide guarantee for 10 years Rs.100/- stamp paper in approved proforma. MAKE: WPM 002-AROEX ENDURA. CONTRACTING HAS TO FOLLOW THE DETAILED METHODOLOGY OF THE MANUFACTURERS INSTRUCTION. ONLY FOR WET AREA.	Sqm	29	Sqm	29.7
12	Water proofing on vertical surfaces upto 1000 mm height. Refer-02GA:103	Providing and laying proprietary chemical water proofing system consisting of polymer modified acrylic base coating in two coats in form of slurry (total consumption of 1.5 Kg/Sqm) as approved by the PM and as directed by the approved manufacturer of waterproofing coating, with sandwiched fibre mesh and protective screed. The work shall include cleaning of surface, grouting porous surfaces including making 'V' grooves at junctions, cracks with non shrink crystalline base cementitious grout etc. Further including horizontal and vertical surfaces protected with 20mm.screeding in 1:4 mortar (1 cement : 4 sand), finished in ready to receive Architectural finish, in correct line, level and plumb, curing, grouting, testing, etc. all complete to entire satisfaction of the PM, contractor to provide guarantee for 10 years Rs.100/- stamp paper in approved proforma. MAKE: WPM 002-AROEX ENDURA. CONTRACTING HAS TO FOLLOW THE DETAILED METHODOLOGY OF THE MANUFACTURERS INSTRUCTION. ONLY FOR WET AREA.	Sqm	23	Sqm	9.2
13	Wall Cladding Tiles (WT01) 65 X 200 mm marais moss green wall tile	Providing & Laying of wall tiles with tile adhesive and epoxy grouting	Sqm	7	Sqm	9.0

  
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14	Wall Cladding Tiles (WT02) patterned porcelain tile	Providing & Laying of wall tiles -patterned porcelain tilewith tile adhesive and epoxy grouting	Sqm	2	Sqm	0.9
15	Wall Cladding Tiles (WT03) 300x300 mm white ceramic tile	Providing & Laying of wall tiles 300x300 mm white ceramic tile with tile adhesive and epoxy grouting	Sqm	7	Sqm	0.9
16	Laminate (LM02)	Providing & Fixing Laminate on wall in 14924-dark Duress Wood /Equivalent	Nos	7	Nos	8.0
17	Grey Emulsion paint (PT02)over wall	Providing interior emulsion paint of approved quality over necessary coats of putty & primer.	Sqm	14	Sqm	15.0
<b>MISCELLANEOUS</b>						
2	Pest Control treatment		Nos	1	Nos	1.0
3	Debris Removal	Removal of debris from site post construction	Nos	1	Nos	1.0
<b>Additional Items</b>						
1	Block Work - 150mm Thickness		Sqm	12.24	Sqm	15.5
2	Cement sand Plaster		Sqm	24.48	Sqm	23.7
3	Demolition of existing ceiling		Sqm	25	Sqm	26.5
4	Addition of 2x2 metal grid false ceiling		Sqm	25	Sqm	26.1

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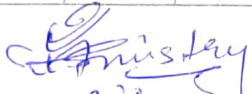


<b>BILL OF QUANTITIES</b>							
<b>PROJECT: MASALA KITCHEN - GUWAHATI AIRPORT</b>							
<b>ELECTRICAL SYSTEM, CCTV &amp; DATA - WORKS BILL OF QUANTITIES AND ESTIMATE</b>				<b>BOQ Qty.</b>		<b>Actual Qty.</b>	
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>QTY</b>	<b>UNITS</b>	<b>QTY</b>		
<b>A</b>	<b>ELECTRICAL</b>						
	<b>Notes</b>						
	All materials and workman ship shall be to standards / consultants' approval and shall comply with Local electrical rules & Electrical Inspectorate.						
	Colour conduits should be used for data, raw power, UPS & access control as listed below coding						
	Data - Grey						
	Raw Power and Lighting - Blue						
	UPS - Black						
	All Civil work required for the electrical work such as chipping of walls, floor, etc and rough plastering with chicken mesh shall be deemed included.						
<b>1</b>	<b>MV Cables</b>						
1.1	Copper Cables						
	Supplying, laying, testing and commissioning of YY/YFY insulated PVC sheathed, Cu. conductor steel armoured 1100V grade cable. The cable shall be laid underground OR on wall / in pipe / trench as required. For cables laid underground the rate shall exclude earth excavation, providing brick and sand protection. refilling, compacting etc. For cables laid on wall / on tray/ in pipe / trench - the rate shall include necessary clamping arrangements.						
	Standards applicable For below cable YY/YFY/AYFY - IS 1554 PART I						
1.1	Armoured type Copper cables						
1.1.2	3.5C x 185 sqmm YFY cable	Mtr	50	Mtr	37		
1.1.3	3.5C x 35 sqmm YFY cable	Mtr	30	Mtr	-		
1.2	PVC Cable End Termination						
	Providing and termination for the below listed cross section cable with single compression brass glands, solderless tinned Cu crimping type lugs, gland earthing, etc., complete.						
	Armoured type Copper cables						
1.2.1	3.5C x 185 sqmm YFY cable	Nos	2	Nos	-		
1.2.2	3.5C x 35 sqmm YFY cable	Nos	2	Nos	-		
<b>2</b>	<b>MAIN INCOMER ISOLATOR BOX</b>						
	Supply, Erection and commissioning of Cubical type dust and vermin proof free standing floor mounting panel board as per technical specifications and drawing consisting of the following complete with all interconnections, painting and control wiring etc., as per IS and general specifications.						
2.1	<b>Incomer:</b>	Nos	1	Nos	1		
	200A 4P 36kA MCCB(Microprocessor based) - 1 No						
	<b>Out going:</b>						
	63A 4P ISOLATOR - 1 No						
	40A 4P ISOLATOR - 1 No						
	32A 4P ISOLATOR - 5 No						
	Bus bar 1 set TPN AL bus bar suitable rated for 200A						
<b>3</b>	<b>DISTRIBUTION BOARDS</b>						

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	SIT & C of surface mounting / flush mounting 10kA phase segregated TPN MCB distribution boards (MCB DB). The DB shall be made out of 1.2 mm CRCA sheet steel enclosure and powder coated complete with cable gland plate with knock out at the top & bottom. The DB shall have double door with hinged lock able external door. The DB's shall be phase segregated type and shall have 4P MCB / MCB isolator as incomer, DP RCCB / RCBO as phase incomer and SP MCB as outgoing with the rating as specified. The busbar shall be tinned copper; Insulated fork type for phases, Independent neutral bus for each phase including inter connecting wiring & earth bus on insulation mount.				
	The RCCB / RCBO shall be Hpi / Si series & MCBs shall be 'C' Curve for UPS DBs (UDB) and 'C' Curve for other application.				
3.1	6way SPN DB with 20A DP RCBO 100mA as incomer, and outgoings-16A-1No. SP 'C' curve MCB and 10A-3Nos. SP 'C' curve MCB as outgoings as per SLD drawing.	Nos	1	Nos	1
3.2	12way VTPN MCCB DB with 63A 4P MCCB as incomer, and outgoings- 36nos. 10/16A SP 'C' curve MCB-16nos,20A DP MCB-1no,25/32A TP MCB-6nos.as outgoings as per SLD drawing.	Nos	1	Nos	1
<b>4</b>	<b>CIRCUIT MAINS</b>				
	Supply and laying of sub/ circuit mains using 2mm thick MS conduit, access- ories like pvc bends,& M.S junction boxes, GI cleat and saddles etc., 660/ 1100V grade FRLS flexible copper wires and wiring accessories, terminating wires on either ends by providing copper lugs and carrying out surface / concealed wiring. Most of the area have false ceiling and conduits / Raceways shall run exposed above false ceiling.				
	The rate shall include grooving of walls, floors chipping, rough plastering, providing MS brackets for conduit suspension. Circuit mains shall be measured from DB to switch board and looping from switch board to switch board				
4.1	3C x 4.0Sqmm FRLS insulated copper flexible cables in Existing Conduit / raceway-Lighting/ general raw power	Mtr	90	Mtr	160
4.2	3C x 2.5Sqmm FRLS insulated copper flexible cables in Existing Conduit / raceway-ups	Mtr	60	Mtr	96
4.3	3C x 2.5Sqmm FRLS insulated copper flexible cables in Existing Conduit / raceway-Lighting/ general raw power	Mtr	50	Mtr	109
<b>5</b>	<b>POINT WIRING</b>				
	Wiring of light points, fan points, socket outlets by using 2mm thick FRLS conduit of required dia as per IS 732, PVC conduit accessories, flexible conduit with PVC gland for drops with accessories & 2R X 1.5Sqmm + 1 Sqmm FRLS Cu. Wire approved 5A modular type switches and sockets, GI / PVC boxes, and other point wiring accessories and caring out surface /concealed conduit point wiring.				
	All points shall be earthed with 1sqmm FRLS flexible copper wire. Points shall be terminated at light fixtures with ferrules, 15A 4 way connector; wire ends shall not be loose / bare.				
	The rate shall include necessary civil works for embedding conduits and boxes				
	Note: Ceiling height is 2.7mt. Point wiring shall not be measured on RM basis				
5.1	1 light points controlled by 6/16A switch	Nos	2	Nos	-
5.2	2 light points controlled by 6/16A switch	Nos	1	Nos	-

  
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5.3	4 light points controlled by 6/16A switch	Nos	1	Nos	-
<b>6</b>	<b>SWITCH AND SOCKETS AND MS ENCLOSURE UNITS</b>				
6.1	SIT & C of the following components like approved make / type switches, socket etc., housed in MS / GI enclosure, duly wired and painted. All the switch sockets are without boxes since the same is covered under different item				
6.1.1	1no. 13A socket controlled by 13A SP switch socket combined in the same back box with cover plates with boxes.(General)	Nos	6	Nos	4
6.1.2	1no. 5/15A socket controlled by 5/15A SP Switch with indicator and different colour front plates with box. (Raw power)	Nos	22	Nos	27
6.1.3	1no. 20/32A metal clad socket controlled by 20/32A SP Switch with indicator and different colour front plates with box. (Raw power)	Nos	6	Nos	-
6.1.4	1no. 32A 3 Phase Industrial socket controlled by 32A TP MCB with indicator and different colour front plates with box. (Raw power)	Nos	2	Nos	3
6.1.5	1no. 32A 3 Phase 5 pole Industrial socket controlled by 32A TP MCB with indicator and different colour front plates with box. (Raw power)	Nos	2	Nos	-
6.1.6	3M MS GI Coated Box	Nos	9	Nos	17
6.1.7	6M MS GI Coated Box	Nos	11	Nos	8
6.1.8	8M MS GI Coated Box	Nos	4	Nos	2
<b>7</b>	<b>EARTHING</b>				
	Supply and laying of earth wire in PVC conduit				
7.1.1	8 SWG GI wire	Mtr	80	Mtr	37
<b>8</b>	<b>SAFETY ITEMS</b>				
	Providing and laying / fixing the below mentioned safety items				
8.1	Shock and First Aid charts in T/W frame	Nos	1	Nos	-
8.2	First Aid Box	Nos	1	Nos	-
8.3	415V 150mm x 150mm enamel type danger board	Nos	1	Nos	-
8.4	Drawing display board suitable for A3 size with As built drawing laminated.	Set	1	Set	-
8.5	No Admission board	Nos	1	Nos	-
8.6	Rubber Mat on floor for Electricic DB Panels	Nos	1	Nos	-
<b>9</b>	<b>MISCELLANEOUS ITEMS</b>				
9.1	Temporary lighting during the construction of the project sockets, ELCB, MCB / fuse cut-outs, wiring, etc., complete.	Set	1	Set	-
9.2	Fabrication and providing MS items, like angles, channels, plates and flats with hardware, duly painted/ powder coated etc.,	Kg	25	Kg	150
9.3	Supply and installation of 2kVA UPS 1 Phase input /1ph output with SMF Battery bank with stand for 30min.Backup	Nos	1	Nos	1
9.4	25mm PVC heavy duty conduit 2mm thick FRLS as per IS 732 for connectivity of the wires.	Mtr	100	Mtr	105
9.5	Cable tray - (As per site conditions)	Lot	1	Lot	-
9.6	Electrical race way for floor conduit - 150mm width	Mtr	RO	Mtr	-
<b>B</b>	<b>CCTV SYSTEM</b>				
	NOTES: 1. CCTV cameras as per the design. 2. Location of the DVR/NVR in the services closet as per the design				-

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1	<p>Supply, Installation, Testing &amp; Commissioning of Digital video recorder with bundled server machine, Preloaded of Enterprises Software &amp; with remote monitoring facilities.  Protocol : TCP/IP/ANALOG , DHCP, SMTP.  Power supply source : 240V, 50Hz, AC.  Video output : Monitor - A :- 1 BNC, RCA, VGA. : Monitor - B :- 1 BNC (single / multi) Compression : H.264, MPEG-4 &amp; MJPEG on IP cameras.  Display resolution : 720 x 480 / 720 x 576 (PAL) Motion based Recording of 70% (Speed/Resolution)  Resolution : a). 720p @ 10fps. H.264 format for 30Days.  HDD Backup : 30 Days Motion based recording 70% Motion recording per day.  8 Channel dVR</p>	Nos	1	Nos	-
2	Supply, Installation, Testing & Commissioning of Camera	Nos	3	Nos	-
3	Supply, Installation, Testing & Commissioning of RG 59 Grade 75 Ohm's Co-Axial Cable	Mtr	70	Mtr	-
4	Supplying and laying of approved make -GI conduits on ceiling / wall / floor etc. complete with accessories like, Junction boxes, Collars, Bends, clamps, saddles etc. 25 mm dia. Conduit.	Mtr	50	Mtr	-

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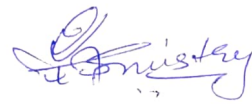


**BILL OF QUANTITIES****PROJECT: MASALA KITCHEN - GUWAHATI AIRPORT****PLUMBING SYSTEM - WORKS BILL OF QUNATITIES AND ESTIMAT**

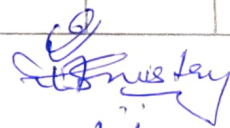
ITEM	DESCRIPTION	BOQ Qty.		Actual Qty.	
		UNITS	QTY	Unit	Qty
<b>A</b>	<b>DRAINAGE SYSTEM</b>				
1	Providing and fixing uPVC floor traps /multitraps of self cleansing design with water seal not less than 50mm 'with or without vent,including setting the trap in 1:2:4 cement concrete etc. complete. The trap shall be 'P' or 'S' 'type as required. Trap 'with 100 mm inlet and 75 mm dia outlet .-	Nos	4	Nos	3
2	Providing and fixing stainless steel grating 'of 18 gauge thick, with 'circular perforation of 'approved pattern over CI/PVC 'traps. The grating shall be of size 100mm x 100mm or circular of 100mm dia '(as directed) and shall 'be set in cement, sand mortar 1:3 etc. complete.	Nos	4	Nos	1
3	Providing and fixing uPVC SWR Pipe conforming to IS 13592-92 TYPE B for Soil, Waste & Rain water water discharge , including all fittings with and with out inspection doors, including supports brackets as per supplier specification and distance,cutting, chases/holes in walls/floors/slab etc.Including Providing Structural support for pipe lines using channels, tees, angles, flats & plates fabrication by cutting threading & welding if required, applying one coat of red oxide primer and two coats of epoxy paint, including necessary bolts nuts, washer etc. as required by the Engineer-in-charge.				
3.1	50 mm Dia	Mtr	8	Mtr	-
3.2	75 mm Dia	Mtr	17	Mtr	10
4	GREASE INTERSEPTOR (ABOVE FLOOR) Stainless Steel, Interceptor body, Perforated bucket, baffles, integral trap, inlet & outlet pipe sleeve. With stainless steel interceptor cover				
4.1	30 GPM	Nos	-	Nos	-
<b>B</b>	<b>WATER SUPPLY SYSTEM</b>				
1	Water meter to provide and install by tenant. Specification will provide by REE				
1.1	25mm Dia inlet	Nos	1	Nos	10
1.2	Water meter valves	Set	1	Set	1
2	Supplied by client, installation, testing & commissioning of 15mm dia C.P angle valve with with wall flange for water filter, dish washer, etc., including making good the wall as per Architectural drawings and as relevant standards.	Nos	8	Nos	6

*J. Misra*  
13/4/23

3	Providing, laying, fixing jointing CPVC SDR 11 Pipes including all fittings such as sockets, unions reducers, long or short bends, elbows, nipples, flanges, checknuts, clamps, z-pieces, male and female adapters, including all support as per supplier specification and approved drawings etc all as per specifications. Cost shall be inclusive of Making chase in wall and floors for the pipe, making good the same by using 1:2 cement mortar over the wire mesh as required. The pipes to be fixed to the hased walls using GI saddle clamp supports with plastic grip and GI screws at a distance of maximum 700mm or as per site condition and as required by the Engineer-in-charge.				
3.1	15 mm Dia	Mtr	6	Mtr	-
3.2	20 mm Dia	Mtr	37	Mtr	27
3.3	25 mm Dia	Mtr	4	Mtr	-
4	Providing and fixing male/ female screw ended full way lever operated forged <b>brass ball valves</b> with brass body with forged brass hard chrome plated ball / stem, union. Rated to temperature of 85 Deg C, The valves to be PN 16kgm class on CPVC or GI pipe lines.				
4.1	20 mm Dia	Nos	2	Nos	1
5	Water Heater				
5.1	50L Horizontal type	Nos	1	Nos	1

  
 13/7/23

BILL OF QUANTITIES					
PROJECT: MASALA KITCHEN - GUWAHATI AIRPORT					
ACMV SYSTEM - WORKS BILL OF QUNATITIES			BOQ Qty		Actul Qty
ITEM	DESCRIPTION	UNITS	QTY	UNITS	QTY
<b>A</b>	<b>ACMV EQUIPMENTS</b>				
1	TREATED FRESH AIR UNIT (DX TYPE)				
1.1	10 TR TFA UNIT 2000 CFM	Nos	1	Nos	1
2	KITCHEN EXHAUST AIR FAN				
2.1	KEF 6000 CFM	Nos	1	Nos	1
<b>B</b>	<b>AIR DISTRIBUTION SYSTEM - DUCTING</b>				
1	<b>Fresh Air Ducting</b>				
	Supply, installation and testing of GSS, factory fabricated <b>square/rectangular ducts</b> , complete with TDF flanges and bracing , necessary supports using thread roads and anchor bolts, supply air collars, vanes, splitters dampers duly painting of the ducts as per specification for air conditioned areas as specified by the architect/owner.				
1.1	24 Gauge	Sq.Mtr	25		28.5
2	<b>Kitchen Exhaust Air Duct</b>				
2.1	Kitchen duct is <b>stainless steel 1.2mm.</b> welded joint, oil trap, fire rated board and access door for maintenance.	Sq.Mtr	30		40.1
<b>C</b>	<b>PIPING &amp; WIRING</b>				
1	<b>REFRIGERANT PIPING</b>				
	Supply,Installation and commissioning of copper refrigerant piping, complete with 10mm thick closed cell Class O Nitrile Rubber Insulation , fittings, elbows, bends, supporting and clamping arrangement on walls, cable trays/trenches including necessary civil works. Refrigerant piping to be measured based on the distance between the indoor and outdoor units irrespective of number of circuits. The piping will be measured as one length for suction and liquid line. Insulation will be measured along with the piping and not be claimed as extra. Copper tubes, shall be with thickness conforming to L type to ATM standards.The tubes shall be bright annealed copper upto and including 15 mm size.	RMtr	15		—
2	<b>DRAIN PIPING</b>				

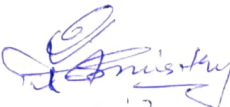
  
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	Supply, installation, testing & commissioning of following sizes insulated PVC drain pipe' from terminal units (AHUs, split units etc.) drain pans to nearest floor drain complete with interconnection, flanges, elbows, tees, nuts, U-trap etc. The insulation shall be 6 mm thick closed cell Class O Nitrile Rubber foam insulation.				
2.1	25mm	RMtr	10		—
3	<b>CONTROL WIRING</b>				
	Required extra length of electrical power cabling & control cabling between indoor & outdoor unit.	RMtr	15		15
D	<b>VOLUME CONTROL DAMPERS</b>				
1	Supply, installation of GI powder coated volume control dampers, with opposed blade and PVC gears for smooth operation of air volume control.				
1.1	350 x 350 mm	Nos	6		5
1.2	700 x 400 mm	Nos	4		1
1.3	500 x 300 mm	Nos	1		1
E	<b>GRILLES, REGISTERS &amp; DIFFUSERS &amp; LOUVERS</b>				
1	TREATED FRESH AIR GRILLE				
1.1	400 x 400 mm (NECK 350x350mm)	Nos	6		6
2	GRILLES, REGISTERS & DIFFUSERS & LOUVERS				
2.1	600 x 600 mm	Nos	1		—
2.1	500 x 500 mm	Nos	1		1
F	<b>TESTING &amp; COMMISSIONING</b>				
1	Air Balancing & Commissioning	Lot	1		1
	<b>GRAND TOTAL</b>				

*E. Brinsley*  
13/7/23

Sl/no	Item	Size/ Description	BOQ Qty		Actual Qty	
			Qty	unit	Qty	unit
<b>Signage</b>						
1	Main Lit Signage 1 (SG01) Refer-04DE:408	<b>Masala kitchen with logo : (2230 x 300mm)</b> made of Individually built-up letters Over Translucent acrylic sheet Consisting of a) Acrylic profile & returns b) Front of letters with white backlit Plexiglass/ Acrylic c) Aluminium pack panel d) LED lighting Colors and design as per Brand standards	1	No.s		1
2	Signage 2 (SG-02) Refer-04DE:408	<b>"True flavors of indian spices (1615 x 170 mm) with a contemporary appearance "</b> <b>(1950 x 165 mm)</b> Made of 25mm thk individual fret-cut letters painted in brand colours	1	No.s		1
3	Graphic-1 (GR01) Refer-04DE:408	2100x890 mm Vinyl sticker. Colors and design as per Brand standards.	1	No.s		1
4	Graphic-2 (GR02) Refer-04DE:408	9240x875 mm Vinyl sticker. Colors and design as per Brand standards.	1	No.s		1

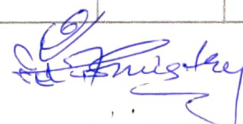
  
 13/7/23

LIGHTING & FIXTURES						BOQ Qty	Actul Qty
SR.No.	CODE	DESCRIPTION	BRAND	MODEL	DIMENSIONS	QTY	QTY
1	DD	LED CLIPON WITH TRANSLITE PRINT	TO SELECTION	TO SELECTION		3	3
2	LT01	PENDANT LIGHTS	TO SELECTION	TO SELECTION	AS PER VENDOR SPECS	4	2
3	LT02	DOWN LIGHT	TO SELECTION	TO SELECTION	AS PER VENDOR SPECS	7	12
4	LT03	LED SRTIP LIGHT	TO SELECTION	TO SELECTION	METER	6	6.8

*Amir Kay*  
13/7/23



BILL OF QUANTITIES					
PROJECT: MASALA KITCHEN - GUWAHATI AIRPORT					
FIRE SYSTEM - WORKS BILL OF QUNATITIES AND ESTIMATE			BOQ Qty		Actual Qty
ITEM	DESCRIPTION	UNITS	QTY	UNITS	QTY
<b>A</b>	<b>FIRE ALARM SYSTEM</b>				
1	Supply Installation Testing and Commissioning of Conventional Heat Detectors	Nos	2	2	
2	Supply, Installation, Testing and Commissioning of Horn / Strobe rated at 82 dBA @ 3m for Audible annunciation and 75cd flashing at 1 Hz for visual indication.	Nos	1	1	
3	Supply ,Installation, Testing and Commissioning of Conventional Manual call point having an integrally mounted addressable module that monitors and reports contact status.	Nos	1	1	
4	Supply and surface laying of 2 core 1.5 Sqmm armoured FRLS twisted pair, shielded cable.	Mtr	23	23	
<b>B</b>	<b>FIRE EXTINGUISHERS</b>				
1	Supply and installation of 4.5 Kg portable CO2 Fire Extinguishers complete with mounting brackets & triangular signage.	Nos	0		
2	Supply and installation of 6.0 Kg portable ABC Type Fire Extinguishers complete with mounting brackets & triangular signage.	Nos	0		
3	Supply and installation of 6.0 Liter portable K Type Fire Extinguishers complete with mounting brackets & triangular signage.	Nos	0		
4	Supply & fixing Stand for Fire Extinguishers fabricated out of good quality M.S. pipe & fittings duly painted with primer & signal red enamel paint, to suit the above Fire Extinguishers.	Nos	6	6	
5	Supply & fixing of Fire Blanket	Nos	2	2	

  
13/7/23