

Purchase Order

Semolina Kitchens Private Limited Order Number : Semolina/PO/24-25/001516

Supplier Detail	Shipped Location	Invoice Location
VART INFRACON PRIVATE LIMITED Supplier Code : RV232417353 [V000200]	Semolina Kitchens Private Limited Lucknow	Semolina Kitchens Private Limited Lucknow
(V000200)	Chaudhary Charan Singh International Airport, Amausi, Lucknow - 226009, UP	Chaudhary Charan Singh International Airport, Amausi, Lucknow - 226009, Up GSTIN No : 09ABICS8699F1ZH
PAN No : AAICV6164F Supplier GST No : 27AAICV6164F1Z2 Supplier Contact No : Contact Person Name : Sameer Darekar/Rohit Mistry Supplier Email : accounts@vartinfra.com	Cost Center Code : 90710346 Cost Center Name : LKN Idli.com T3 Dom SHA D 14 A Project ID : 0 PO Category : Capex NSO	Payment Term : HVAC- Hi Side Advance 100% with GST within 7days of work order acknowledgement (by the vendor) against the undated cheque of equivalent amount of PO value inclusive of GST. HVAC- Low Side, FAS & Fire 30% Advance within 7days of Work Order acknowledgement (by the vendor) against the undated cheque of equivalent amount of PO value inclusive of GST. RA Bill 1- Up to 70% upon 80% work completion & submission of Tax Invoice. Final Bill- Up to 95% upon 100% work completion & signed JMR. Retention- 5% up to the DLP of 6 months from the date of successful virtual completion of the project. PO Creation Date : 16/11/2024 PO Approval Date : 22/11/2024 PO Currency : INR Buyer Name : Mrunal Joshi

Sr.No	Item Code	HSN\SAC Code	Item Name	Item Description	Pur. Grp.	Qty	UOM	Basic Rate	Dis%	Net Rate	Total Amount	IGST %	Gross Total Amount
1		995479	Civil Interior Work	Civil Interior Work	B01	1.00	NOS	1,975,000.50	0.00	1,975,000.50	1,975,000.50	18	2,330,500.59
2		995479	Plumbing Work	Plumbing Work	C01	1.00	NOS	175,000.00	0.00	175,000.00	175,000.00	18	206,500.00
3		995479	Electric Work	Electric Work	C01	1.00	NOS	750,000.00	0.00	750,000.00	750,000.00	18	885,000.00
4		995479	Fire Sprinkler	Fire Sprinkler	C01	1.00	NOS	134,999.00	0.00	134,999.00	134,999.00	18	159,298.82
5		995479	HVAC HIGH SIDE	HVAC HIGH SIDE	C01	1.00	NOS	575,000.00	0.00	575,000.00	575,000.00	28	736,000.00
6		995479	HVAC LOW SIDE	HVAC LOW SIDE	C01	1.00	NOS	999,998.00	0.00	999,998.00	999,998.00	18	1,179,997.64
7		995479	Smoke Detector	Smoke Detector	C01	1.00	NOS	33,000.00	0.00	33,000.00	33,000.00	18	38,940.00

Total Qty : 7.00

Total Basic PO Amount	4,642,997.50
Total Other Charges	
IGST Amount	893,240
Grand Total PO Amount	5,536,237.05

Amount In Words : Rupees Fifty Five Lakh Thirty Six Thousand Two Hundred Thirty Seven And Five Paise Only

Remarks : Liquidated Damages: The CONTRACTOR shall pay liquidated damages as under, for any delay in the physical completion of the works

- 5% of the contract value for delay during Week 1.

- 7.5% of the contract value for delay during Week 2

- 10% of the contract value per week for delay from Week 3 onwards.

Standard Terms And Condition :

Completion / Delivery TimeLine : Within 37 days from the date of PO is received. (7 days for the mobilization)

Mobilization Date : 20/11/2024

Defects Liability Period : 6 Months from the date of successful virtual completion certification

Retention Percentage : 5

Escalation Buyer Detail		
Name	Mobile No.	Email - ID
Mrunal Joshi	8390813805	mrunal.joshi@k-corp.in
Mrunal Joshi	8390813805	mrunal.joshi@k-corp.in

Disclaimer :

Point 1 : Unless informed to us it is assumed that you are not registered as MSME with the respective government authority. If you have not yet provided the MSME details along with proof kindly provide the same at the earliest. Alternatively once you get registered then provide us relevant proof to update our records.

Point 2 : Supplier is requested to acknowledge or decline the order within 24 hours or else it would be considered as accepted.

ItemCode :
ItemName : Civil Interior Work

Sr No	Item Code	Item Name	UOM	Remarks	Quantity	Supplier Rate	Amount
1		PCC Layer - Providing and Laying P.C.C 1 3 6 of average thickness of upto 50mm of M 10 grade of concrete (1 cement 3 coarse sand 6 graded stone aggregate 20 mm nominal size) as floor base.	Sq.m.		25.00	846.00	21,150.00
2		ENDURA GREY (MAKE JOHNSON) TILE - Providing and Fixing 600x600mm vitrified tile flooring with cement-sand mortar bedding of appd proportions as per the design and specifications. Joints to be filled properly with pigmented cement or epoxy grouts matching the tile. Flooring should be fixed in proper plumb line. Job to include cost of labour, material, cartage, loading, unloading, cutting, fixing and grouting. (MOH Area)	Sq.m.		22.00	2,632.00	57,904.00
3		Providing making and fixing 4 inch high and 20mm thick laminate finish HDHMER Board fire rated rafters (@ 200mm C or C) as per design made of 18mm thick HDHMR Board rafter fixed on existing false Ceiling finally finish with 1mm thick laminate of approved make and shade. Rate inclusive of all required mateerial, labour, fixing arrangement complete as per drawing and design complete. (Base rate of Laminate @ Rs. 45 or - Sqft)	Sq.m.		20.00	4,512.00	90,240.00
4		FLORING and WALL TILING			0.00	0.00	0.00
5		SS Skirting - 6 inch height - Providing and Fixing appvd ss skirting fixed on plywood base as per the design and specifications. Joints to be filled properly with pigmented cement or epoxy grouts matching the tile. Skirting should be fixed in proper plumb line. Job to include cost of labour, material, cartage, loading, unloading, cutting, fixing and grouting. (FOH Area)	R.M		10.00	958.00	9,580.00
6		P or F 12mm thick Corian paneling (C-Type 75mm + 100mm + 75mm) as per design made of MS Box section 50x25mm ,18 gauge at a spacing of 600 mm c or c in both direction to achieve rigidity in the frame of approved sections fixed to floor or soffit or existing ceiling structure with rust-free treatment and enamel paint of colour as specified then fixed 19mm thick HDHMR fire rated and finally finished with 12mm thick corian of approved make and shade including grinding, buffing, polishing, moulding, edge chemfering complete. Rate inclusive of all necessary M.S. frame work, hardware, HDHMER fire rated Ply, Corian, wastage, making provision for electrical points and edges with grooves, provision for fixing concealed LED lights, edge finishing as per detailed drawing. Measurement as per elevation. (Above counter L- Type Corian Paneling 75mm + 100mm +75mm) (Base rate of Corian @ Rs. 1000 or - Sqft)	R.M.		5.00	7,520.00	37,600.00
7		Granite on back Counter - Providing and Fixing of 18mm th. Granite for counter top as appvd with adhesive as per the design and specifications. Joints to be filled properly with pigmented cement or epoxy grouts matching the tile or stone. Flooring should be fixed in proper plumb line . Job to include cost of labour, material, cartage, loading, unloading, cutting, fixing and grouting.	Sq.m.		5.00	5,405.00	27,025.00
8		CINDER or LIGHT WT. SIPORAX BLOCK BATS FILLING			0.00	0.00	0.00

9		Providing Making and fixing in position 20mm x 20mm HDHMER fire rated Board Strips as per design including all fixing arrangement and finally finish with laminate of approved make and shade complete. Rate inclusive of all required material, labour, fixing arrangement complete as per drawing and design complete. (Bulk Head facade). (Base rate of Laminate @ Rs.45 or - Sqft)	R.M.		14.00	1,031.00	14,434.00
10		PURE VEG. SIGNAGE - Providing and Fixing 0 -5 inch high and 930mm long ACP base with 3 inch thick verticals of approved make and shade along with Logo in Back Lit Acrylic Signage of approved wattage and electrical points . Job to include cost of labour, material, cartage, loading,unloading, glazing, hardware, adhesives or resins, edgeband, etc.	Nos		1.00	7,050.00	7,050.00
11		Providing and fixing STAINLESS STEEL CORNER GUARD, finished in Black anodized color with all necessary arrangements and hardware, all as per approved sample, as shown in drawing, including all wastage, all incidentals, clamp, cutting, fixing, lead, lift, scaffolding, staging, as shown in drawing, complete in all respect as per drawing, designs and directions by Architect or Project-In-charge.	R.M		12.00	1,450.00	17,400.00
12		Providing and fixing in position LT Panel and DB storage units 450mm Deep with Louver Shutters formed of 19mm thick fire rated Ply formwork or carcass with adjustable shelves as per details.The storage to be finished with laminate of approved make and shade. Externally finished with 1mm thick laminate of approved make and shade. All internal surfaces to be laminated with 0.8mm thick laminate to approved shade. The LT Panel and DB Storage should be perforated with louvers for Ventilation as per detailed drawing. Cabinet to be complete with all hardware installed as directed to consist of the following Louvers Shutter to have soft closing hinge of approved make installed strictly as per manufacturers guidelines with requisite tools. Each set of shutters to be provided with 1 no multi purpose lock as specified, recessed handles , auto bolt, 100mm high skirting match with flooring etc. To be completed as per the Detailed Drawing and Architect s Approval.	Sq.m		3.50	11,985.00	41,947.50
13		Wooden boxing to be done for CCTV DVR and other system	Job		1.00	6,000.00	6,000.00
14		Equipment s shifting from terminal outside till putlet with placement. Kindly note handling and shifting of equipment s to be done on properly basis.	Job		1.00	27,000.00	27,000.00
15		CEILING WORKS			0.00	0.00	0.00
16		PAINTING AND POLISHING			0.00	0.00	0.00
17		POP Punning On walls - Providing and applying of Plaster of Paris Punning (1st Quality ISI approved POP) over plastered with minimum thickness of 8mm-12mm to existing wall surfaces, ceilings and concrete members etc., to be finished in line and plumb with smooth surface ready to receive paint base. Rate to be inclusive of hacking wall surfaces for better bonding, cleaning, scrubbing the surface, proving grooves if necessary etc., complete as per architect s approval.	Sq.m.		7.00	564.00	3,948.00

18		Providing and Fixing in place 12mm thick Corian for Storage Counter top as design including all fixing arrangement, grinding, buffing polishing, edge chemfering, moulding complete. Rate inclusive of 12mm th. counter top corian, as per details, all necessary hardware, wastage, making provision for electrical wiring, lighting etc complete in all respects as per drawings. Measurement as per elevation. (Base rate of Corian @ Rs. 1000 or - Sqft)	Sq.m.		2.50	26,320.00	65,800.00
19		SHERA BOARD PARTITION - P or F full height Shera Board Partition approx. 2700mm high, in 12mm thk Shera board fire rated fixed both sides on Framework of MS Box section 50x50mm ,18 gauge at a spacing of 600 mm c or c in both direction to achieve rigidity in the frame of approved sections supported or hung from existing airport structure, floor with rust-free treatment and enamel paint of colour as specified and finally finished with Shera board ready to receive tile. Rate inclusive of all necessary hardware, wastage, making provision for electrical points, Fire paint coating on shera board etc complete fascia and edges with grooves, edge finishing as per detailed drawing. Measurement as per elevation.	Sq.m.		3.00	4,418.00	13,254.00
20		BOX TYPE LAMINATE PANELING - P or F Laminate paneling (Box Type 300mm deep) made to shape as per dwg, of MS Box section 50 x 50mm ,18 gauge at a spacing of 600 mm c or c in both direction to achieve rigidity in the frame of approved sections fixed to floor or soffit or existing ceiling structure with rust-free treatment and enamel paint of colour as specified then fixed 19mm thick HDHMR fire rated and finally finished with Laminate of approved make and shade with necessary grooves thick . Rate inclusive of all necessary hardware, HDHMER fire rated Ply, Laminate, wastage, making provision for electrical points and edges with grooves, provision for fixing concealed LED lights, edge finishing as per detailed drawing. Measurement as per elevation. (DMB Base Paneling) Base rate of Laminate @ Rs.45 or - Sqft)	Sq.m.		3.00	7,050.00	21,150.00
21		IDLI.COM DMB - Providing and Fixing boxing for fixing 2 No.s 43 inch DMB s on back of MOH wall, made out of 19mm th. HDHMR fire rated ply, as per the design finished with Laminate as per approved shade, complete with hardware, locks etc. Job to include cost of labour, material, cartage, loading,unloading, glazing, hardware, adhesives or resins, edgeband, etc. Measurement as per elevation	Sq.m.		2.00	7,050.00	14,100.00
22		IDLI.COM FRONT AND BACK UNDER COUNTER STORAGE - Providing and fixing in place under Counter storage approx. 750mm deep and 900mm high, made out of 19mm marine fire rated ply complete with drawers and pedestal storage units duly finished in appvd laminate as per the dwg. Counter to be finished in Granite of approved make and shade (taken separately). Job to include cost of labour, material, cutting and finishing top, 150mm high back support cartage, loading,unloading, hardware, adhesives or resins, edgeband and appvd coatings or polishing. Measurement as per elevation.	Sq.m.		6.00	18,800.00	112,800.00
23		Providing and fixing in place Flap door for shaft access approx. 1050mm high, made out of 19mm th. HDHMR fire rated ply, laminated on all visible faces, hinged as per details. Rate inclusive of all necessary hardware, wastage, etc complete in all respects as per drawings	No.		1.00	23,970.00	23,970.00
24		MISCELLANEOUS			0.00	0.00	0.00

25		P or F in place 50mm dia SS foot rail, fixed to the floor or counter or wall with 25mm dia members and cleats of the same finish. Rate inclusive of all necessary hardware, wastage, fixing, etc complete in all respects as per details.	R.M		7.00	2,630.00	18,410.00
26		PALOMA GREY MATT - A (MAKE RAK CERAMICS) TILE - Providing and Fixing 600x600mm vitrified tile flooring with cement-sand mortar bedding of appd proportions as per the design and specifications. Joints to be filled properly with pigmented cement or epoxy grouts matching the tile. Flooring should be fixed in proper plumb line. Job to include cost of labour, material, cartage, loading, unloading, cutting, fixing and grouting. (FOH Area)	Sqm		22.00	2,209.00	48,598.00
27		ENDURA GREY (MAKE JOHNSON) TILE SKIRTING (4 inch High) - Providing and Fixing 600x600mm vitrified tile skirting with cement-sand mortar bedding of appd proportions as per the design and specifications. Joints to be filled properly with pigmented cement or epoxy grouts matching the tile. Skirting should be fixed in proper plumb line. Job to include cost of labour, material, cartage, loading, unloading, cutting, fixing and grouting. (MOH Area)	R.M		24.00	400.00	9,600.00
28		Commercial Tiles for Wall - Providing and Fixing of 200x300mm Commerical wall tile as appvd with cement-sand mortar bedding of appd proportions as per the design and specifications. Joints to be filled properly with pigmented cement or epoxy grouts matching the tile or stone. Flooring should be fixed in proper plumb line . Job to include cost of labour, material, cartage, loading, unloading, cutting, fixing and grouting. (BOH Area)	Sq.m.		12.00	1,786.00	21,432.00
29		Decorative Wall Tiles - Providing and Fixing of 300x300mm Decorative tiles on wall as appvd with adhesive of appd proportions as per the design and specifications. Joints to be filled properly with pigmented cement or epoxy grouts matching the tile or stone. Flooring should be fixed in proper plumb line . Job to include cost of labour, material, cartage, loading, unloading, cutting, fixing and grouting.	Sq.m.		18.00	4,794.00	86,292.00
30		Providing and laying plain cement concrete of specified grade, 1 2 4 (1 cement 2 coarse sand 4 graded stone aggregate 20 mm and down gauge) as bed concrete in locations as called for laid, consolidated and cured etc. complete upto maximum 100mm thickness as per specification and drawing including the cost of centering and shuttering.	Sq.m.		20.00	1,198.50	23,970.00

31		Gypsum False ceiling - Fire rated - Providing and fixing -in position Saint Gobain Gyproc make, Gypsum Board False Ceiling as per manufacturer s specifications and instructions with 12.5 mm thick `Gypboard Screw-fixed to the underside Of suspended G.I. grid. G.I. grid should be Constructed and suspended from the main ceiling as per manufacturer s instructions and as per specifications using Original Co. Specified GypRock Framework Sections G.I.24 gauge The Gypboard should be fixed to G.I. grid with 25 mm long Drawali Screws. The `Gypboard to be used should be 12.5mm thick FireRated Saint-Gobain make Tapered edge boards. The boards should Be taped and filled from underside to give smooth, seamless ceiling. The rate should include necessary additional ceiling sections and intermediate channels openings for light fixtures, A.C. ducts, vertical drops, offsets. etc. Additional Intermediate channels should be fixed to strap hangers for additional support to prevent strap hangers from buckling or swaying at every 1200 mm. Item to be completed in all respect including necessary sleeves for ducts finishing of joints cut outs supports for A.C. grills, light fixtures, speakers etc.	Sq.m.		50.00	1,974.00	98,700.00
32		Providing and fixing Trap door to be made of 19mm Fire Rated ply, finished with laminate or approved paint to match the shade of false ceiling. The trapdoor edges to be finished with 8mm thick teak wood lipping painted to match ceiling color. The item is inclusive of all fittings, fixtures and hardware; providing and fixing all necessary SS hinges (concealed), approved locking system, tied with safety chain, any frames, necessary support structure from the ceiling for fixing the trap door shutters, shadow gap, tools and tackles etc. Rate shall include all wastage, necessary cutting,all leads and lifts at all levels, loading and unloading, transportation and all other incidental charges, cost of materials, providing patterns,as per design, labour, etc.,complete as per specification, design and details,as per the instructions of the Architect or Engineer in charge. (1500,mm x 750mm) Refer to detail drawing	No		1.00	13,633.00	13,633.00
33		CARPENTRY			0.00	0.00	0.00
34		BULK HEAD FAÇADE WORK - P or F Laminate paneling made to shape as per dwg, of MS Box section 50 x 50mm ,18 gauge at a spacing of 600 mm c or c in both direction to achieve rigidity in the frame of approved sections fixed to floor or soffit or existing ceiling structure with rust-free treatment and enamel paint of colour as specified then fixed 19mm thick HDHMR fire rated and finally finished with Laminate of approved make and shade with necessary grooves thick . Rate inclusive of all necessary hardware, HDHMER fire rated Ply, Laminate, wastage, making provision for electrical points and edges with grooves, provision for fixing concealed LED lights, edge finishing as per detailed drawing. Measurement as per elevation. (Facade Bulk head) (Base rate of Laminate @ Rs.45 or - Sqft)	Sq.m.		10.00	7,050.00	70,500.00
35		Providing making and fixing 3 inch deep and 20mm thick laminate finish HDHMER fore rated Board rafter (@ 200mm C or C) as per design made of 18mm thick HDHMR fire rated Board rafter fixed on existing false Ceiling finally finish with 1mm thick laminate of approved make and shade. Rate inclusive of all required mateerial, labour, fixing arrangement complete as per drawing and design complete. (Bulk Head facade). (Base rate of Laminate @ Rs.45 or - Sqft)	R.M.		22.00	2,530.00	55,660.00

36		IDLI.COM SIGNAGE BOARD - Providing and Fixing 1 -6 inch high and 2215mm long ACP base with 3 inch thick verticals of approved make and shade alongwith Logo in Front Lit Acrylic Signage of approved wattage and electrical points . Job to include cost of labour, material, cartage, loading,unloading, glazing, hardware, adhesives or resins, edgeband, etc.	No.		1.00	18,800.00	18,800.00
37		IDLI.COM SIGNAGE BOARD - Providing and Fixing 1 -2 inch high and 1735mm long ACP base with 3 inch thick verticals of approved make and shade alongwith Logo in Front Lit Acrylic Signage of approved wattage and electrical points . Job to include cost of labour, material, cartage, loading,unloading, glazing, hardware, adhesives or resins, edgeband, etc.	No.		1.00	16,300.00	16,300.00
38		HEALTHY. HOT. TASTY SIGNAGE - Providing and Fixing 0 -5 inch high and 1850mm long ACP base with 3 inch thick verticals of approved make and shade along with Logo in Back Lit Acrylic Signage of approved wattage and electrical points . Job to include cost of labour, material, cartage, loading,unloading, glazing, hardware, adhesives or resins, edgeband, etc.	Nos		1.00	5,160.00	5,160.00
39		MOH raised floor - Providing and Filling light wt. Siporex block bats to conceal drainage and plumbing lines. The Top layer should be finished properly to receive P.C.C base flooring layer on it. The same shall be completed as per the details are provided in drawings or as directed by Architect.	Sq.m.		25.00	2,050.00	51,250.00
40		SS Skirting - 4 inch height - Providing and Fixing appvd ss skirting fixed on plywood base as per the design and specifications. Joints to be filled properly with pigmented cement or epoxy grouts matching the tile. Skirting should be fixed in proper plumb line. Job to include cost of labour, material, cartage, loading, unloading, cutting, fixing and grouting. (FOH Area)	R.M		12.00	705.00	8,460.00
41		Terracota Tiles for Wall - Providing and Fixing of 75x300mm Terracota Tiles on wall as appvd with cement-sand mortar bedding of appd proportions as per the design and specifications. Joints to be filled properly with pigmented cement or epoxy grouts matching the tile or stone. Flooring should be fixed in proper plumb line . Job to include cost of labour, material, cartage, loading, unloading, cutting, fixing and grouting.	Sq.m.		24.00	2,820.00	67,680.00
42		Granite on Jamb, - Providing and Fixing of 18mm th. Black Granite on wall, Floor jamb and Back counter top as appvd with adhesive as per the design and specifications. Joints to be filled properly with pigmented cement or epoxy grouts matching the tile or stone. Flooring should be fixed in proper plumb line . Job to include cost of labour, material, watage, chmafering, polishing of edges, cartage, loading, unloading, cutting, fixing and grouting.	R.M.		13.00	4,512.00	58,656.00
43		Asian Royale Paint Morning Glory- 0765 PT-01 - Sand papering the finished gypsum ceiling surface, filling in the cracks on the surface if any, Apply a coat of cement primer on the surface, Applying enamel putty making the surface smooth, applying one more coat of cement primer on the surface and applying two or more coats of approved Black Royale paint in approved hue to achieve uniform shade.	Sq.m.		65.00	931.00	60,515.00
44		Asian Royale Paint K127 Graphite Grey-N PT-04 - Sand papering the finished gypsum ceiling surface, filling in the cracks on the surface if any, Apply a coat of cement primer on the surface, Applying enamel putty making the surface smooth, applying one more coat of cement primer on the surface and applying two or more coats of approved Black Royale paint in approved hue to achieve uniform shade.	Sq.m.		22.00	931.00	20,482.00

45		IDLI.COM FRONT COUNTER - Providing and Fixing in place 900mm high from MOH fflvl., Front counter made out of 50x50mm MS tubular section in 600x600mm grid in both directions, fixed to the base slab and side walls to create rigidity, clad with 12mm th, HDHMR fire rated ply covered with 1mm thick laminate of approved make and shade on the internal (MOH) side and FOH side covered with 19mm th. router cut HDHMR fire rated ply finished with paint of approved make and shade then further clad with 6mm thick router cut HDHMR jali (750 x 775mm) finished with PU Paint of approved make and shade on the outside with cove arrangement at counter top level and at top also finished with 19mm thick HDHMR fire rated Ply and finally finished with 12mm thick Corian of approved make and shade including grinding, buffing, polishing, moulding, edge chemfering complete. Rate inclusive of M.S. frame work, 19mm thick CNC cut HDHMR fire rated ply +12mm thick HDHMR fire rated ply, PU Paint finish 6mm thick CNC cut HDHMR Jali, 12mm thick Corian, creating flap door with one end hinged as per details, all necessary hardware, wastage, making provision for electrical wiring, lighting etc complete in all respects as per drawings. Measurement as per elevation.	Sq.m.		13.00	31,020.00	403,260.00
46		TOUGHENED GLASS PANELING - Providing making and fixing 8mm thick frosted toughened glass paneling as per design with Aluminium U profile at counter level and false ceiling level as per design including all fixing arrangement. Rate inclusive of 12mm thick toughened glass, Aluminium U profile, all required fixing hardware complete. (on Facade Above Counter)	Sq.m.		7.00	4,230.00	29,610.00
47		OPEN Shelves Storage - Providing and placing in position open shelves storage 300mm deep made out of 19mm thk. HDHMR fire rated board on back, both sides and shelves finished with 1mm thick Laminate of approved make and shade at top and bottom and Back side with necessary support and exposed edges finish with PVC edge bending complete. Cost to include all required hardware for fixing arrangement fasteners, and rubber or PVC leveller etc. complete in all respect as per detailed drawing. Size 900 x 450 x 1050 mm (Base Cost of Laminate @ Rs. 45 or - Sqft)	Sq.m.		3.00	15,510.00	46,530.00
48		P or F 12mm thick Corian paneling (C-Type 75mm + 100mm + 75mm) as per design made of MS Box section 50x25mm ,18 gauge at a spacing of 600 mm c or c in both direction to achieve rigidity in the frame of approved sections fixed to floor or soffit or existing ceiling structure with rust-free treatment and enamel paint of colour as specified then fixed 19mm thick HDHMR and finally finished with 12mm thick corian of approved make and shade including grinding, buffing, polishing, moulding, edge chemfering complete. Rate inclusive of all necessary M.S. frame work, hardware, HDHMER Ply, Corian, wastage, making provision for electrical points and edges with grooves, provision for fixing concealed LED lights, edge finishing as per detailed drawing. Measurement as per elevation. (Above counter L- Type Corian Paneling 75mm + 100mm +75mm) (Base rate of Corian @ Rs. 1000 or - Sqft)	R.M.		12.00	7,520.00	90,240.00
49		FRESHLY FRESH FOOD SIGNAGE - Providing and Fixing 0 -5 inch high and 1950mm long ACP base with 3 inch thick verticals of approved make and shade along with Logo in Back Lit Acrylic Signage of approved wattage and electrical points . Job to include cost of labour, material, cartage, loading,unloading, glazing, hardware, adhesives or resins, edgeband, etc.	Nos		1.00	7,050.00	7,050.00

50		Hoods installation with all accessories or fittings such as ms support or anchor fasteners etc in all aspects.	Job		2.00	8,930.00	17,860.00
51		Providing fixing Signage as per Image	Nos		1.00	14,000.00	14,000.00
Total :					533.00		1,975,000.50

ItemCode :

ItemName : Plumbing Work

Sr No	Item Code	Item Name	UOM	Remarks	Quantity	Supplier Rate	Amount
52		WATER SUPPLY PIPES - CPVC Pipes Supply, laying, testing and commissioning of FOOD GRADE CPVC pipes conforming to CTS (Copper Tube Size) SDR-11 as per (is 15778 ASTM D 2846) with necessary fittings up to the size of 50 mm dia. (Make – SUPREME or KASTA) including all necessary fitting as per site. 20mm dia	R.M.		60.00	700.00	42,000.00
53		WATER DRAIN PIPES - UPVC WASTE PIPE - UPVC Pipe for Drainage (Make – SUPREME or KASTA) including all necessary fitting as per site.			0.00	0.00	0.00
54		100mm dia	R.M.		20.00	500.00	10,000.00
55		LONG BODY TAP for sink - Providing and Fixing Sink Cock.	Nos.		1.00	2,300.00	2,300.00
56		Handwash sink connections - complete drain and supply connections with all fittings or accessories	Nos.		1.00	6,045.00	6,045.00
57		S.S. GRATING - Providing and Fixing of S.S. triple layer grating for the drain as per drawings.	Nos.		6.00	1,550.00	9,300.00
58		GEYSER - 6 LITER GEYSER	Nos.		1.00	10,000.00	10,000.00
59		50mm dia for	R.M.		3.00	375.00	1,125.00
60		ANGLE VALVE - Providing and Fixing Angle Valve with connector pipe.	Nos.		14.00	2,000.00	28,000.00
61		LONG BODY TAP for hand wash sink - Providing and Fixing Sink Cock. with foot operated	Nos.		1.00	4,000.00	4,000.00
62		Grease trap connections with all fittings or accessories	Nos.		1.00	16,000.00	16,000.00
63		Bain marie connections - complete drain and supply connections to be done with all fittings or accessories	Nos.		1.00	8,740.00	8,740.00
64		CHAMBER and GRATING - INSPECTION CHAMBER - Supply, Laying, Testing and Commissioning of Approved SS Inspection Chamber along of Size- 450mmx450mm with SS Cover and SS Grating over it with perforated sheet. Make Jaquar or Ozone. Including trenching and finishing with ceramic tiles as per dwg and details with proper water proffing to avoid any issues	Nos.		1.00	14,750.00	14,750.00
65		FLOOR TRAP - Supply, Laying, Testing and Commissioning of 100x100mm Floor Trap with Approved Make heavy duty round or Square. Cockroach trap to be given. Proper water proffing to be done to avoid any leakages	Nos.		6.00	2,790.00	16,740.00
66		VALVE AND TAP			0.00	0.00	0.00
67		SS sink - 16 inch x 16 inch x 12 inch deep	nos.		1.00	6,000.00	6,000.00
68		ACCESSORIES			0.00	0.00	0.00

Total :

117.00

175,000.00

ItemCode :

ItemName : Electric Work

Sr No	Item Code	Item Name	UOM	Remarks	Quantity	Supplier Rate	Amount
69		Supply, laying, testing and commissioning of following sizes of Al or Cu. conductor 1.1 kV grade, armoured, XLPE insulated FRLS LT Cables or Control Cables including necessary cleats, clamps etc. (Cables shall be partly laid in Pipes, O or H cable tray, on wall as required)			0.00	0.00	0.00
70		3.5C – 70.0 (Al.) FRLS Armoured XLPE Cable *	Mtrs		20.00	772.00	15,440.00
71		*Approx and shall be as per location of point of supply			0.00	0.00	0.00
72		Supply, erection, testing and commissioning of following sizes of cable end terminations with Double compression gland for 1.1 kV grade, XLPE insulated, Al or Cu Conductor cable			0.00	0.00	0.00
73		Wiring for DB Submains with PVC insulated stranded copper conductor 1100 volt grade wires (FRLS) in surface or concealed MS surface or concealed conduit including cost of providing saddles etc as required for surface conduiting and or or cost of cutting and filling chases as required and making suitable end termination with copper lugs complete as required and as below			0.00	0.00	0.00
74		2 x 6 sq.mm + 1 No. 4 Sq. mm in 25 mm dia MS Conduit	Mtrs		20.00	1,000.00	20,000.00
75		25X6 mm GI Strip	Mtrs		30.00	475.00	14,250.00
76		25X3 mm GI Strip	Mtrs		60.00	285.00	17,100.00
77		8 SWG Copper Wire	Mtrs		70.00	260.00	18,200.00
78		Wiring for a 5 pin 240 volt 6 amp single phase and neutral switch socket outlet with 2.5 sq. mm PVC insulated stranded copper conductor 1100 Volt grade wires (FRLS) in 25mm dia 16 SWG MS conduit in wall or ceiling including cost of providing circuit wiring with 2.5 sq mm PVC insulated stranded copper conductor 1100 volt grade wires and including cost of cutting and filling chases for recessed conduiting and supports in case of surface conduit including all bends , saddles , Junction boxes etc and providing and fixing of a combined 5 pin 240 volt 6 amp socket outlet with safety shutters and 6 amp 240 volt single pole grid plate mounted switch with moulded cover plate in recessed GI box and including earthing of the 3rd pin with 1.5 sq mm 1100 volt grade PVC insulated stranded copper conductor wires complete as required(Switch and socket shall be as approved by the architect or Client)	Pt.		2.00	3,440.00	6,880.00
79		Wiring same as in Item 15 above looped from an adjacent 6 amp switch socket outlet as required and providing and fixing of a modular type 5 pin 240 Volt 6 amp shuttered socket outlet and a modular type 6 amp 240 Volt single pole switch in a recessed GI boxes with internal wiring and moulded front plates complete as required. (Switch and socket shall be as approved by the architect or Client)	Pt.		3.00	1,540.00	4,620.00

80		Wiring for 6 pin 240 volt 16 amp single phase and neutral switch socket outlets (2 outlets wired on 1 circuit) with PVC insulated stranded copper conductor 1100 volt grade wires (FRLS), 4.0 sq mm upto the first outlet and 2.5 sq mm from first to the second outlet in 25mm dia 16 SWG MS conduit in wall or Ceiling including cost of providing saddles etc as required for surface conduiting and or or cost of cutting and filling chases and including providing and fixing of two sets of 6 pin 240 volt 16 amp socket outlet with safety shutters and 16 amp 240 volt single pole grid plate mounted switches with moulded cover plate in a recessed GI box including earthing of the 3rd pin with 2.5 sq mm 1100 volt grade PVC insulated stranded copper conductor wire complete as required. (Switch or Socket Shall be as per approved sample by Architect)	Pt.		3.00	4,350.00	13,050.00
81		Single outlet face plate with RJ-45 Jack with information outlet	Nos.		3.00	712.00	2,136.00
82		Supply , fixing and Laying 16 SWG MS conduits on surface or concealed complete with PVC junction boxes, cover plates, bends, saddles, base and other accessories all made in PVC with GI screws as required to complete the job. .			0.00	0.00	0.00
83		Supply of rubber mat (electrically approved) in front of LT panel - 4ft * 2ft	nos		1.00	5,332.00	5,332.00
84		LED Strip Light	Mtrs		8.00	175.00	1,400.00

85		<p>Design, fabrication, assembling, wiring , supply Erection , Installation , testing , commissioning , delivery and shifting from store of MDB Panels fabricated out of 2mm thick for structural members (Load bearing members) and 1.6mm thick for door and covers (Non load bearing members) CRCA painted sheet steel in cubicle formation with reinforcement of suitable size angle iron, channels, T irons, flats wherever necessary for large meter boards. Cable gland plates shall be provided at top and bottom both and windows for meter reading, locking arrangement (pad-lock and seal) with wiring upto KWH meter and meter to MCB shall be done by using adequately rated flexible single core copper wire. The boards shall be treated with all anticorrosive process before painting as per standards with final approved shade of powder coated as approved, 2 nos. earthing terminals shall be provided for all panels. The boards shall be suitable for 415 V, 3 phase, 4 wire, 50 Hz supply system. Boards shall be fabricated in length, height, depth etc to match with site conditions.</p> <p>An approval shall be taken for each panel before manufacturing . Galvanised hardwares with zinc passivation shall be used in fabrication of boards.</p> <p>Note The following provisions shall be required to be made in the switchboard detailed below</p> <p>The Switchboard shall have provision for entry of all PVCA cables from the top or bottom as required.</p> <p>All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbar insulation shall be with heat shrinkable sleeves. SMC or DMC shrouds and busbar supports shall be used.</p> <p>Control circuits includes breaker control switch, auto manual selector switch, anti pumping relay, spring charging trip indication, TIMER, control wiring, Auxiliary contactors MCB's as required at site.</p> <p>Positive isolation of all breakers.</p> <p>All fault level breaking capacity indicates shall be ICS value at 415 volts (ICS = ICU = ICW = 100%).</p> <p>Space Heater or light or air filter shall be provided for each vertical compartment</p> <p>Link and drops from MCCB shall be designed for full rated current of MCCB ratings at same current density as of Main Bus Bar</p> <p>2 nos. GI earth strip throughout the panel.</p> <p>1 MDB</p> <p>A Incoming 1 No. 160 amps 16 kA 440 volt TP+NL MCCB with Thermal Magnetic overcurrent and short circuit and with following</p> <p>B Metering, Indication and Protection a 1 Nos. 6 Parameter Multi Function Meter with 3 Nos. Cast Resin CTs and MCBs b Breaker ON OFF indication Lamps c R-Y-B indication lamps with MCBs</p>	Set		1.00	176,500.00	176,500.00
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		<p>d Earth Leakage Relay with CBCT</p> <p>C Bus Bar 200 A, TPN Al. Bus Bar of suitable length having Current density 1Amp or sq.mm and having high conductivity electrical grade suitable to withstand symmetrical fault level of 16 kA. Neutral busbar shall be of 100% capacity.</p> <p>D Outgoings</p> <p>a 1 No.32 amps 4P MCB (Type C)+ 4P RCCB (30mA) b 2 No. 63 amps 4P MCB (Type C) c 1 No. 32 amps 4P MCB (Type C)</p> <p>d 1 No. 25 amps 4P MCB (Type C) e 2 No. 32 amps 2P MCB (Type C) f 1 No. 25 amps 2P MCB (Type C)</p> <p>DB In built(Refer SLD)</p> <p>1-63 amp FP MCB with 3 single phase banks each comprising of 63A DP RCCB(30 mA) and 6 nos. 6 or 16 or 20 or 25 amps SP 10 kA MCB(Type C) with thermal magnetic protective releases out goings.</p> <p>Main MDB as described above, tagging to be done as per layout</p>					
86		Lighting DB (Idli), tagging to be done as per drawings - 1-32 amp DP MCB + DP RCCB (30mA) and 10 nos. 6 or 16 or 20 or 25 amps SP 10 kA MCB(Type C) with thermal magnetic protective releases out goings.	Set		1.00	20,750.00	20,750.00
87		2 x 4 sq.mm + 1 No. 2.5 Sq. mm in 25 mm dia MS Conduit	Mtrs		65.00	590.00	38,350.00
88		Supplying and laying of the following earthing clamped to wall with suitable clamps saddles and fixing bolts or in ground including the cost of digging and back filling as required and complete as required to comply with IS 3043 1987. All copper joints shall be tinned. The rates shall be inclusive of making test joints where ever required			0.00	0.00	0.00
89		1 Core 6.0 Sq. Mm FRLS Green Wire	Mtrs		30.00	140.00	4,200.00
90		Wiring for 6 pin 240 volt 16 amp single phase and neutral switch socket outlets (1 outlet wired on 1 circuit) with 2.5 sq. mm PVC insulated stranded copper conductor 1100 volt grade wires (FRLS) in 25mm dia 16 SWG MS conduit in wall or Ceiling including the cost of cutting and filling chases for recessed conduiting and supports in case of surface conduit including all bends , saddles , Junction boxes etc and including providing and fixing 6 pin 240 volt 16 amp socket outlet with safety shutters and 16 amp 240 volt single pole grid plate mounted modular type switch with moulded cover plate in recessed GI box and including earthing of the 3rd pin with 1.5 sq mm 1100 volt grade PVC insulated stranded copper conductor wires and complete as required(Switch and socket shall be as approved by the architect or Client)	Pt.		5.00	3,800.00	19,000.00
91		Supply installation testing and fixing 3 pin 16A or 20A , 240V , single Phase metal Clad industrial socket outlet with 16A or 20A DP MCB and complete in all respects(Wiring Excluded from scope of this item)	Nos.		4.00	2,735.00	10,940.00
92		Duplex outlet face plate with RJ-45 Jack with information outlet	Nos.		1.00	1,000.00	1,000.00

93		3C – 6.0 (Cu.) FRLS Armoured XLPE Cable	Nos.		6.00	400.00	2,400.00
94		8 SWG GI Wire	Mtrs		40.00	130.00	5,200.00
95		Wiring for secondary MCB controlled Emergency light points or Wall Point or Floor Point(Looped from above point) with 1.5 sq. mm PVC insulated stranded copper conductor 1100 Volt grade FRLS wires in 25 mm 16 SWG MS conduit in wall or ceiling including cost of cutting and filling chases for recessed conduiting and supports in case of surface conduit including all bends , saddles , Junction boxes etc and including the cost of running 1.5 Sq mm PVC insulated copper conductor wire for loop earthing etc. complete as required.	Pt		4.00	1,425.00	5,700.00
96		Supply installation testing and fixing 3 pin 25A or 32A , 240V , single Phase metal Clad industrial socket outlet with 25 A or 32A DP MCB and complete in all respects(Wiring Excluded from scope of this item)	Nos.		1.00	3,080.00	3,080.00
97		Supply and Installation of following in wall mounted MS enclosure - 32A or 25A DP RCBO	Nos		2.00	8,075.00	16,150.00
98		Supply and installation of flush mounted (Enhanced Category 6 T 568 A or B) outlets with 2 mm thick GI box complete including cutting, chases, fixing of GI boxes and making good. The plastic shall be high impact, flame-retardant, UL rate thermoplastic. Dust cover or blank shall be provided to protect unused faceplate openings. Termination caps and plastic cover shall be provided to protect jack wiring.			0.00	0.00	0.00
99		Eelctrical meter as approved from airport authority	nos		1.00	21,375.00	21,375.00
100		Signage	No.		3.00	1,400.00	4,200.00
101		25 or 15 or 12Watt Recessed Down Lighter	No.		24.00	235.00	5,640.00
102		Supply installation testing and commisioning of 1 Incoming and 2 Outgoing panel and complete with 1 No. 200A TP+NL MCCB with TM released , R-Y-B Indication and ON-OFF Lamp as incomer and following outgoing -1 No. 160A TP+NL MCCB with TM releases -1 No. 63A FP MCB Type C and complete as required	Set		1.00	49,800.00	49,800.00
103		UPS DB, tagging to be done as per drawings. - 1-32 amp DP MCB + DP RCCB (30mA) and 10 nos. 6 or 16 or 20 or 25 amps SP 10 kA MCB(Type C) with thermal magnetic protective releases out goings.	Set		1.00	20,750.00	20,750.00
104		Supply installation testing and commisioning 3.0 kVA online (1ph input and 1ph output) UPS with 30 Min power back up complete with in buit Static by pass switch , Manual external maintenance by pass switch , Rectifiers , Sealed MF batteries etc as required, stand to be included with proper fittings.	No.		1.00	74,750.00	74,750.00
105		4C – 4.0 (Cu.) FRLS Armoured XLPE Cable	Mtrs		30.00	451.00	13,530.00
106		3C – 6.0 (Cu.) FRLS Armoured XLPE Cable	Mtrs		40.00	511.00	20,440.00
107		3.5C – 70.0 (Al.) FRLS Armoured XLPE Cable *	Nos.		2.00	950.00	1,900.00
108		4C – 4.0 (Cu.) FRLS Armoured XLPE Cable	Nos.		2.00	500.00	1,000.00

109		Supply, erection, testing and commissioning of prefabricated GI Perforated type cable trays including Tees or Bends or Crossing or Reducers or Couping to be laid in cable trench, overhead on wall or hanged from ceiling complete with all accessories as required including support at every 1500mm as required 150 mm x 40 x 40 x 2 mm thick	Mtrs		40.00	570.00	22,800.00
110		Wiring for MCB controlled normal primary light points or Wall Point or Floor Point with 2.5 sq. mm PVC insulated stranded copper conductor 1100 Volt grade FRLS wires in 25 mm dia 16 SWG MS conduit in wall or ceiling including cost of cutting and filling chases for recessed conduiting and supports in case of surface conduit including all bends , saddles , Junction boxes etc and including the cost of running 1.5 Sq. mm PVC insulated copper conductor wire for loop earthing etc. complete as required. (Cost of MCB included in the item for per DB).	Pt		8.00	2,600.00	20,800.00
111		Wiring for secondary MCB controlled normal light points or Wall Point or Floor Point(Looped from above point) with 1.5 sq. mm PVC insulated stranded copper conductor 1100 Volt grade FRLS wires in 25 mm 16 SWG MS conduit in wall or ceiling including cost of cutting and filling chases for recessed conduiting and supports in case of surface conduit including all bends , saddles , Junction boxes etc and including the cost of running 1.5 Sq mm PVC insulated copper conductor wire for loop earthing etc. complete as required.	Pt		16.00	1,425.00	22,800.00
112		Wiring for MCB controlled Emergency primary light points or Wall Point or Floor Point with 2.5 sq. mm PVC insulated stranded copper conductor 1100 Volt grade FRLS wires in 25 mm dia 16 SWG MS conduit in wall or ceiling including cost of cutting and filling chases for recessed conduiting and supports in case of surface conduit including all bends , saddles , Junction boxes etc and including the cost of running 1.5 Sq. mm PVC insulated copper conductor wire for loop earthing etc. complete as required. (Cost of MCB included in the item for per DB).	Pt		1.00	2,612.00	2,612.00
113		Wiring for 6 pin 240 volt 16 amp single phase and neutral switch socket outlets (1 outlet wired on 1 circuit) with 4.0 sq. mm PVC insulated stranded copper conductor 1100 volt grade wires (FRLS) in 25mm dia 16 SWG MS conduit in wall or Ceiling including the cost of cutting and filling chases for recessed conduiting and supports in case of surface conduit including all bends , saddles , Junction boxes etc and including providing and fixing 6 pin 240 volt 16 amp socket outlet with safety shutters and 16 amp 240 volt single pole grid plate mounted modular type switch with moulded cover plate in recessed GI box and including earthing of the 3rd pin with 2.5 sq mm 1100 volt grade PVC insulated stranded copper conductor wires and complete as requied(Switch and socket shall be as approved by the architect or Client)	Pt.		6.00	3,800.00	22,800.00

114		Wiring for primary switch board consisting of 3 Nos. 5 pin 240 volt 6 amp single phase and neutral switch socket outlets with 1 Nos.16A switch with PVC insulated stranded copper conductor 1100 volt grade wires (FRLS), 2.5 sq FRLS copper wire mm in 25mm dia 16 SWG MS conduit in wall or Ceiling including cost of providing saddles etc as required for surface conduiting and or or cost of cutting and filling chases and including providing and fixing prewired switch board each consisting of 3 Nos. 5 pin 240 volt 6 amp single phase and neutral switch socket outlets with 1 Nos. 16A modular switch , safety shutters in a recessed or surface GI box including earthing of the 3rd pin with 1.5 sq mm 1100 volt grade PVC insulated stranded copper conductor wire complete as required. (Switch or Socket Shall be as per approved sample by Architect)	Pt.		1.00	4,275.00	4,275.00
115		Supply, installation, testing, commissioning and laying of Category 6A cable in existing conduits or raceways including Numbering-ferruling, bunching, tagging, computerised labeling of utp cable , Input and Output termination or Punching at both the ends , (both side i.e. user and rack) Cable Dressing etc as required .	Mtrs		11.00	110.00	1,210.00
116		Supplying,installation and commisioning of CAT-6A patch cords 2 mtrs.	Nos		5.00	650.00	3,250.00
117		Supplying,installation and commisioning of CAT-6A patch cords 1 mtr.	Nos		5.00	530.00	2,650.00
118		25 mm dia 16 SWG MS conduit	Mtrs		30.00	178.00	5,340.00
119		20 mm dia 16 SWG MS conduit	Mtrs		40.00	160.00	6,400.00
120		Installation of following light fixtures including connections and complete in all respects			0.00	0.00	0.00
Total :					648.00		750,000.00

ItemCode :

ItemName : Fire Sprinkler

Sr No	Item Code	Item Name	UOM	Remarks	Quantity	Supplier Rate	Amount
121		25 mm dia	Rmt.		12.00	326.00	3,912.00
122		40 mm dia	Rmt.		8.00	372.00	2,976.00
123		65mm dia	Rmt.		25.00	512.00	12,800.00
124		40 mm dia	Rmt.		8.00	38.00	304.00
125		65 mm dia NRV	No.		1.00	6,950.00	6,950.00
126		Providing and Fixing C.P. Brass 68 degree Quartzoid Bulb Sprinklers. Make Tyco or viking temp rating standard coverage discharge coefficient k- 6.6 quick response UL listed and EN approved.			0.00	0.00	0.00
127		Providing and Fixing C.P. Brass 79 degree(QR) Quartzoid Bulb Sprinklers. Make Tyco or viking temp rating standard coverage discharge coefficient k- 6.6 quick response UL listed and EN approved for high temperature area in Kitchen temprating shall			0.00	0.00	0.00
128		Providing and Fixing of Ball Valve. 65 mm dia	No.		1.00	6,970.00	6,970.00
129		Pressure Gauge	No.		1.00	7,500.00	7,500.00
130		Flexible Sprinkler Drop. 25mm	No.		12.00	3,700.00	44,400.00

131		Drain Valve	No.		1.00	4,650.00	4,650.00
132		Providing, Laying, Jointing and Testing of Pipes for Sprinkler System - G.I Pipe conforming IS Codes Class `C Heavy Pipe and with necessary support and anchore fastening from slab.			0.00	0.00	0.00
133		65mm dia	Rmt.		25.00	47.00	1,175.00
134		Air Release Valve	No.		1.00	2,750.00	2,750.00
135		UP Right Type	No.		3.00	1,850.00	5,550.00
136		Pendant Type	No.		3.00	1,850.00	5,550.00
137		50 mm dia	Rmt.		4.00	396.00	1,584.00
138		Synthetic Enamel Paint.			0.00	0.00	0.00
139		25 mm dia	Rmt.		12.00	38.00	456.00
140		50 mm dia	Rmt.		4.00	38.00	152.00
141		Providing and Fixing of Butterfly Valve. 65mm dia	No.		1.00	5,580.00	5,580.00
142		HEADER FITTING.			0.00	0.00	0.00
143		Flow Switch	No.		1.00	11,000.00	11,000.00
144		Pendant Type	No.		3.00	1,580.00	4,740.00
145		UP Right Type	No.		3.00	2,000.00	6,000.00
Total :					129.00		134,999.00

ItemCode :

ItemName : HVAC HIGH SIDE

Sr No	Item Code	Item Name	UOM	Remarks	Quantity	Supplier Rate	Amount
146		Ceiling Suspended Type - 3910 CMH(2500 CFM) at 15 mm External Static Pressure, 6 RD Cooling Coil, Approx 6.0 TR, 1 x 1.1 KW Motor	Nos		1.00	170,000.00	170,000.00
147		Digital Cooling Thermostat for Air Handling Units with all accessories including gauges for checking in and out temperature etc.	Nos.		1.00	5,000.00	5,000.00
148		Air Handling Units (Indoor Type) Supply, Installation, testing and commissioning Of Double skin Ceiling Suspended Type air handling units of extruded aluminium section with 0.6 mm preplasticized or precoated GI sheet outside and 0.6 mm plain Galvanized sheet inside, minimum of 25 mm thick PUF insulation of 38KG or m3, DIDW Blower with TEFC motors, copper cooling coils as mentioned below, with aluminium fins, MERV-8 and MERV 13 Filters. The drain pan shall be constructed out of 18G stainless steel duly insulated. All the AHU s installed under this tender shall have IE3 motor. All the cooling coils shall be AHRI or Eurovent Certified. The AHU Coil shall be selected at 9 deg C Chilled water Inlet Temp Temperature. Approval of AHU Technical Data by consultant prior to fabrication is required. kindly note it include fixing with proper MS support or vibration pads, electrical connections or installation and commisioning in all aspects with CFM report to be handover with proper sign off from airport engg team. Design Parameters- 25 deg C -R.A. Temp, 55% RH, 9 deg C- CHW IN Water Flow Rate- 2.0 GPM or TR			0.00	0.00	0.00

149		<p>Kitchen Scrubber (Dry Type) Supply , Installation, Testing and Commissioning of Dry Type Scrubber each comprising of extract air intake section, electrostatic precipitation technology, dry type air cleaner to remove oil, smoke and fumes from exhaust air, as per the Specifications. Electrostatic section shall be made of 16 gauge galvanised sheet, high bake epoxy powder coated, washable type aluminium mesh filters, stainless steel spiked ionizers to create high voltage DC field, aluminum collector plates which should be alternatively charged positive and negative with large collecting area with 14 inch deep cell, to work as magnet for charged smoke and oil particles. Average efficiency of 90-95% in single pass as per ASHRAE test method. Electrostatic Precipitator should be able to charge particles from 0.01 micron to 10 microns through solid state power supply. Collector cell should be of permanent type and incorporate slide out facility for easy removal for cleaning. Power supplies shall be 100% solid state UL Listed, Module of capacity above 3000 CFM shall be equipped with Pulse width modulating (PWM). kindly note it include fixing with proper MS support or vibration pads, electrical connections or installation and commisioning in all aspects with CFM report to be handover with proper sign off from airport engg team.</p> <p>The system should be fitted with interlock switch for safety . The system should allow connection to a fan section to achieve 500 FPM velocity across the air Operating Voltage 220V, 50 Hz Ionizing Voltage 12.5 to 13 KVDC Collector Cell Voltage 6 to 6.5 KVDC Power Consumption Not more than 50W per cell.</p> <p>2300 CFM</p>	Nos		2.00	200,000.00	400,000.00
150		HVAC Equipments			0.00	0.00	0.00
Total :					4.00		575,000.00

ItemCode :

ItemName : HVAC LOW SIDE

Sr No	Item Code	Item Name	UOM	Remarks	Quantity	Supplier Rate	Amount
151		<p>Chilled Water Piping with Nitrile Rubber Insulation - Supplying, laying or fixing, testing and commissioning of MS C class chilled water piping (cut of required length and installed with welded joints. The necessary fittings such as elboues, tees etc. shall all to included in this item). The Insulation shall be Class O nitrile Rubber pre-slit, pipe sleeve upto 100 mm dia and sheet for bigger dia with factory Laminated 7 mill woven glass cloth of thicknesses as specified, with approved adhesive. Manufactured supplied, suitable sized nitrile rubber pipe supports with PUF or PIR inserts shall be used. Thermal conductivity should not exceed 0.035 W or MK at 0 degree celsius and water vaper resisitance > 7000. Manufactures tapes and adhesive to used only. The pipe supports should also be of nitrile rubber with PUF or PIR inserts and are to be installed as per manufacturer s recomendation. The pipe fittings shall be MS. class for pipes upto 150 mm and for 200mm and above, same material of the pipe shall be usee all bends or Reducess or Tee upto 150 mm shall be factory fabricated ready made MS C class. Note Use proper template for marking block colour Arrows pipe. for supply or return.</p>			0.00	0.00	0.00

152		32mm dia with 38mm (25 mm + 13mm) dia thick insulation	Mtrs.		50.00	1,330.00	66,500.00
153		Dynamic Balancing Valve-PID type			0.00	0.00	0.00
154		Supply and installation, testing and commissioning of BMS Compatible electronic self balancing valve with integrated two way modulating control valves in a single body. The actuator shall be capable of accepting 230V or 24V or 2-10VDC or 4-20 mA electrical signal and shall provide similar transduced feedback output signal to control system. The minimum close off pressure of actuator must be 1.5 times shut off head of pump as per Specification of following size. The actuator shall be microprocessor based with self calibration feature. All the valve shall be complete with step down transformers, thermostat, control wiring and probe. 0-20 USGPM (32 mm dia) Insulation as per pipes	Nos.		1.00	23,270.00	23,270.00
155		1.25 MM (18 Gauge)	Sqm.		5.00	2,755.00	13,775.00
156		Nitrile Rubber Insulation- Class O - Supplying and fixing of closed cell elastomeric insulation of following thickness and density 55 kg or cu.m. and K value of not less than 0.037W or mK at 20 deg C as per specifications and drawings (For indoor applications) with factory Laminated 7 mill woven glass cloth			0.00	0.00	0.00
157		Supply, Installation, Testing and Commissioning and fixing of powder coated extruded aluminium Continuous Grills as per specifications - 200 MM Wide	RM		12.00	1,809.00	21,708.00
158		Electrical Works			0.00	0.00	0.00
159		Electrical Control Panel Supply, installation, testing and commissioning of panel boards made of 2.0 mm thick steel sheet duly powder coated with voltmeter, ammeter, electronic energy meter, indicating lights, Stop or manual or Auto selector switch in each, outgoing current operated single phase preventer. The starters should have potential free contacts for connection to Building Automation System. The panel shall include contactors or over load relay with built in single phase protection or Time delay relay for delayed automatic start of the motor. All panels should have spare NO or NC Contacts for BMS applications as required. Panel-P01 (1 X 1.1 KW) OUTGOING 1 Nos. 32 Amps TP MCB (for AHU) and each with following - Spare NO or NC Contacts for BMS Integration, Looping with Fire Alarm Panel to trip the Fan in case of Fire. - Fully automatic 1.1 KW Motor DOL starter each 20A TP Contactor, ON or OFF push buttons and on or off or Trip indicating lights, A or M selector switch for local or remote operations, CT operated Digital Ammeter, suitable NO and NC Potential free contacts for Interlocking with Fire alarm panel, 9.0 A -15 A O or L relay with inbuilt single phase preventer, selector switches etc as required. Panel P-01 as described above	Set		1.00	31,000.00	31,000.00
160		2C x 1.5 sqmm	Mtrs		25.00	380.00	9,500.00
161		Low Side Works			0.00	0.00	0.00
162		Insulated Valves			0.00	0.00	0.00

163		Providing and Fixing of automatic air vent of approved make with insulation valves as per specifications or drawings - 20mm dia	Nos.		4.00	2,330.00	9,320.00
164		DUCTING			0.00	0.00	0.00
165		G.I. Sheet Metal Ducting - Site Fabricated - Supply,Installation, Testing and Commissioning of site fabricated GSS sheet metal rectangular ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required.			0.00	0.00	0.00
166		0.80 MM (22 Gauge)	Sqm.		20.00	2,520.00	50,400.00
167		INSULATION			0.00	0.00	0.00
168		25 mm thick (Exhaust Duct)	Sqm.		80.00	430.00	34,400.00
169		Supply,Installation, Testing and Commissioning of GI multiblade volume control duct damper complete with neoprene rubber gaskets, nuts, bolts, screws linkages, flanges etc., as per specifications.	Sqm.		2.00	10,925.00	21,850.00
170		Supply,Installation, Testing and Commissioning of multiblade Al volume control Collar or Grille or exhaust Air Opening damper complete with suitable links, lever and quadrants for manual control of airflow and with suitable links, lever and quadrants for manual control of airflow and neoprene rubber gaskets, nuts, bolts, screws, flanges etc., as per specifications.	Sqm.		1.00	10,925.00	10,925.00
171		Cables (FRLS) - Supplying, laying, testing and commissioning of XLPE insulated copper conductor armored FRLS cables of 1.1 KV grade of following sizes directly on wall or structural frame or cable trays or racks using approved type of clamps,End terminations with Double Compression type glands on both ends, double earthing with GI strip or wire of suitable size and hardware as per specifications.			0.00	0.00	0.00
172		3 C x 4 Sq. mm	Mtrs		35.00	525.00	18,375.00
173		25 mm x 3 mm GI strip	RM		24.00	380.00	9,120.00
174		Dial Pressure Guages (glycerine filled Type) with SS Encasing with isolating valve and piping etc.The gauge should be with appropriate range and valve and fitted with probe suitable for binder test point application as well. 4 inch Dial (Insulated)	Nos.		2.00	2,850.00	5,700.00
175		Drain Piping Supply, Installation, testing and commissioning of UPVC condensate drain pipe along with necessary clamps, fittings such as bends, tees, etc. it shall be insulated with 9 mm thick nitrile foam insulation in tubular form as per specifications. 25 mm dia	Mtrs.		15.00	570.00	8,550.00
176		0.80 MM (22 Gauge)	Sqm.		15.00	2,520.00	37,800.00
177		1.00 MM (20 Gauge)	Sqm.		10.00	2,615.00	26,150.00
178		0.63 MM (24 Gauge)	Sqm.		20.00	2,375.00	47,500.00
179		Acoustic Lining Supplying and Application of Acoustic lining within the Supply Air duct with 10 mm thick class O open cell nitrile Rubber of density 140-160 kg. or Cubm. as per specifications. 15 MM Thick	Sqm		10.00	1,150.00	11,500.00
180		8 SWG GI Wire	RM		24.00	170.00	4,080.00

181		40mm dia with 38mm (25 mm + 13 mm) dia thick insulation	Mtrs.		15.00	1,425.00	21,375.00
182		Ball valves with Strainer Providing and Fixing of the following insulated ball valve having a heavy duty forged body as per approved make. The ball shall be of bronze construction duty chrome plated. 32 mm dia - PN-16 with insulation same a Chilled water piping	Nos		4.00	7,125.00	28,500.00
183		Providing and Fixing digital type thermometers with copper well, valve and probe suitable for binder test point application. 6 INCH long (Insulated)	Nos.		2.00	16,150.00	32,300.00
184		BTU Meter Supply, Installation, testing and commissioning of BTU Meter as per specifications given or approved from airport authorities. 40 mm dia	Nos		1.00	62,700.00	62,700.00
185		G.I. Sheet Metal Ducting - Factory Fabricated - Supply, Installation, Testing and Commissioning of factory fabricated GSS sheet metal rectangular ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required.			0.00	0.00	0.00
186		0.50 MM (26 Gauge)	Sqm.		65.00	2,330.00	151,450.00
187		0.63 MM (24 Gauge)	Sqm.		80.00	2,375.00	190,000.00
188		19 mm thick (AC and Fresh Air Duct)	Sqm.		100.00	380.00	38,000.00
189		DUCT ACCESSORIES			0.00	0.00	0.00
190		Supply, Installation, Testing and Commissioning and fixing of powder coated extruded aluminium Supply or Exhaust Air Grills as per specifications	Sqm.		2.00	7,125.00	14,250.00
191		Earthing - Supplying and laying of the following earthing clamped to wall with suitable clamps saddles and fixing bolts or in ground including the cost of digging and back filling as required and complete as required to comply with IS 3043 1987. All copper joints shall be tinned. The rates shall be inclusive of making test joints where ever required			0.00	0.00	0.00
Total :					625.00		999,998.00

ItemCode :

ItemName : Smoke Detector

Sr No	Item Code	Item Name	UOM	Remarks	Quantity	Supplier Rate	Amount
192		SD (SMOKE DETECTOR ABOVE CEILING) - Providing and fixing electrically operated flow indicating mechanical foam type (ISI marked) An optical smoke detector. Smoke enters through the slits around the side, triggering an electronic horn, which sounds through the large circular opening on the right. The dark circle in the middle is a test button with a built-in LED that flashes to show the detector is working okay. Model Honeywell Notifier.	NOS		2.00	4,500.00	9,000.00

193		HD (HEAT DETECTOR) INSTALL NEAR HOOD - Providing and fixing electrically operated flow indicating mechanical foam type (ISI marked) A heat detector is a fire alarm device designed to respond when the convected thermal energy of a fire increases the temperature of a heat sensitive element. The thermal mass and conductivity of the element regulate the rate flow of heat into the element. All heat detectors have this thermal lag (Wiring from switches to panel and stair case pressurization not included) Honeywell Notifier	Nos		1.00	5,300.00	5,300.00
194		MCP (MANUAL CALL POINT) - Providing and fixing electrically operated flow indicating mechanical foam type (ISI marked) Manual call points are used to initiate an alarm signal, and operate by means of a simple button press or when glass is broken revealing a button. They can form part of a manual alarm system or an automatic alarm system. Model Honeywell Notifier and FM approved with GI mounting Box	Nos		1.00	860.00	860.00
195		H (HOOTER) - Providing and fixing electrically operated flow indicating mechanical foam type (ISI marked) Fire Alarm Systems. A fire alarm system is a electrical electronic system which is connected with many type of devices such as main panel, smoke heat detectors, mcp, sounder etc.. to detect the fire event by indicating audio or visualize signal at the main or individual devices. Model Honeywell Notifier with GI mounting Box	Nos		1.00	3,000.00	3,000.00
196		SD (SMOKE DETECTOR BELOW CEILING) - Providing and fixing electrically operated flow indicating mechanical foam type (ISI marked) An optical smoke detector. Smoke enters through the slits around the side, triggering an electronic horn, which sounds through the large circular opening on the right. The dark circle in the middle is a test button with a built-in LED that flashes to show the detector is working okay. Model Honeywell Notifier.	NOS		2.00	5,275.00	10,550.00
197		FIRE ALARM SYSTEM LOOPING	RMT.		13.00	230.00	2,990.00
198		R1 (RESPONSE INDICATORS) - Providing and fixing electrically operated flow indicating mechanical foam type (ISI marked) Response indicators are connected to automatic fire detectors in order to indicate quickly the source of an alarm signal from detectors which are not easily accessible or visible. They light up as soon as the connected fire detector gives an alarm.(Wiring from switches to panel and stair case pressurization not included)	Nos		2.00	650.00	1,300.00
Total :					22.00		33,000.00