

**Supply of Kitchen Equipments at MDI Campus, Gurgaon**

1. Sealed quotations are invited for supplying of kitchen equipments & appliances at MDI Campus, Gurgaon. The quotations should be submitted in a sealed cover addressed to:-

**Resident Engineer  
Management Development Institute  
Mehrauli Road Sukhrauli  
Gurgaon (Haryana) - 122 001**

on or before **1500 hrs. on the 25<sup>th</sup> Sept. 2017** The rates quoted should be **inclusive of GST ,WCT, Labour Cess , labour ,material, Octroi, Cartage** etc. However, the details of working of taxes included in the item rates should be mentioned separately. Brief specification and schedule of quantities are enclosed at **Appendix 'A' & 'B'**. The layout of the kitchen is given in **Appendix 'c'**.

**2. Terms & conditions are as under: -**

- (a) No form C or D forms shall be supplied by the Institute.
- (b) The kitchen equipment will be supplied at MDI Campus and nothing extra shall be paid for the cartage, packing, forwarding, octroi etc.
- (c) All the kitchen equipment ordered will be delivered within 30 days of the confirmed order in writing by the Institute.
- (d) Rates should be quoted for items as per schedule of quantities and specifications enclosed at Appendix 'A' & B'.
- (e) No advance payment/mobilization advance for the supply of kitchen equipment will be paid by the Institute.
- (f) The quoted price shall be firm throughout the currency of the supply and is not subject to escalation due to any reason whatsoever.
- (g) In case any item is found to be defective/ substandard, the same shall be rejected and shall not be paid for such items shall be removed from the site immediately.

- (h) **The tender quantity may vary as per site conditions and based on equipments available with Institute.** However the actual quantity will be intimated in the LOI for procurement.
- (i) All the equipments including kitchen equipments should be supplied **within 30 days from the date of issue of LOI.**
- (j) **Liquidated damages** for the delay in supply will be 1% per week and upto maximum of 10 % of order value.
- (k) Only Stainless Steel (SS) of grade 304 shall be used. The test certificate report shall be attached during the supply of equipment.
- (l) All Table Top will be of 16 SWG
- (m) Overhead & Shelves will be of 18 SWG
- (n) Under Shelves will be of 20 SWG
- (o) Side & back sheet will be of 20 SWG
- (p) Angle frame will be of MS Angle 38mmx38mmx4mm.
- (q) All hoods will be of 18 SWG 430 grade
- (r) Defect and liability period is 12 months from the date commissioning of the items.
- (s) Payment will be released as per followings
  - (i) 70% payment on delivery
  - (ii) 25% on successful commissioning
  - (iii) 5% retention up to 12 months
- (t) Retention money shall be deducted @ 5% of the value of the bills, which will be released after twelve months from the date commissioning of the items.
- (u) Earnest money deposit of Rs.50, 000/- (Rs. Fifty thousand only) favouring Management Development Institute through Demand Draft payable at Delhi or Gurgaon shall be enclosed with the quotations. Cheques shall not be accepted. **Quotations without the EMD shall be rejected.** The earnest money deposit of the successful supplier will be retained by MDI as **security deposit** which will only be released after 30 days of receipt of the complete supply of all equipments as per LOI.

MDI reserve the right to accept or reject any or all the quotations without assigning any reason whatsoever.

Thanking you,

**Yours faithfully,**

**sdxxxxxxx**

**(Subhash Chand)  
Resident Engineer**

## Annexure A

Sr. No.	Description	Size	Qty.	Rate	Amount
<b>Receiving Area</b>					
R1	Weighing Scale	300Kg.	1		
R2	Receiving Table with Sink	1350x650x850+150	1		
<b>Store</b>					
S1	MS Pallet	1200x600x150	2		
S2	Atta/Maida/Rice /Sugar Bin	450x450x600	4		
S3	Onion ./Potato Bin	600x600x600	2		
S4	Storage Rack	900x450x1800	6		
S5	Chest Freezer	1200x600x1000	1		
<b>Dry Store</b>					
D1	Dry Store Rack	900x450x1800	10		
<b>Trolley Area</b>					
T1	Platform Trolley	900x600x1000	3		
T2	Bussing Trolley	900x600x1000	1		
<b>Cold Room</b>					
CR1	Cold Room 1.5 ton, 1500 BTU	2520x1920	1		
CR2	Cold Room Rack	900x450x1800	6		
<b>Pot/Wet Area</b>					
PW1	Pot Rack	900x600x1650	3		
PW2	Doung Kneader	25Kg.	1		
PW3	Masala Grinder	10 Lts.	1		
PW4	Potato Peeler	10 Kg.	1		
PW5	Pulveriser	2 HP	1		
<b>Prep. Area</b>					
P1	Work Table with Sink	850x650x850+150	1		
P1a	Garbage Bin	450mm dia.	3		
P2	Work Counter with u/s.	1500x650x850+150	2		
P2a	Veg. Cutting Machine	Electrolux , MUGx	2		
P2b	Chopping Board	450x450	4		
P3	Work Table with Sink	1450x650x850+150	1		
<b>Pantry</b>					
PA1	Microwave Oven	20 Ltr.	1		
PA2	Toaster	Table Top	2		
PA3	Salamander	Wall Mounted	1		
PA4	Juicer Machine	Table Top	1		
PA5	Built in Sink	300x300x250	1		
<b>Bulk Cooking</b>					
B1	Work Table	600x600x850+150	2		

B2	Stock Pot Range	600x600x600+150	4		
B3	Work Table with Sink	1600x700x850+150	1		
B4	Work Table with Sink	1600x700x850+150	1		
<b>Indian Cooking</b>					
IC1	Spreader Table	450x750x850+150	2		
IC2	Tandoor	750x750x850+150	1		
IC3	Two Burner Ragne	1200x750x850+150	1		
<b>Conti Area</b>					
CA1	Work Table with Sink	1200x750x850+150	1		
CA2	Chinese Ragne	1500x750x850+150	1		
CA3	Spreader Table	450x750x850+150	1		
CA4	Deep Fat Fryer	500x750x850+150	1		
CA5	Four Burner Range	750x750x850+150	1		
CA6	Work Table	700x750x850+150	1		
CA7	Work Table with Sink	1500x750x850+150	1		
CA8	Idle Steamer	Wall Mounted	1		
CA9	Hot Plate with Griddle	1200x750x850+150	1		
CA10	Work Table	700x750x850+150	1		
CA11	Tandoor	750x750x850+150	1		
CA12	Work Table	850x650x850+150	1		
<b>Chappati Area</b>					
C1	Work Table with Sink	1000x600x850+150	1		
C2	Work Table	1000x600x850+150	1		
C3	Chappati Rolling Table	900x750x850+150	2		
C4	Chappati Hot Plate	1200x750x850+150	2		
C5	Chappati Puffer Plate	600x750x850+150	2		
C6	Work Table with Sink	1400x600x850+150	1		
<b>Dish Wash Area</b>					
D1	Dirty Dish Landing Table with Garbage Chute	2250x750x850+150	1		
D1a	Garbage Bin	450mm dia.	2		
D2	Two Sink Unit	1800x750x850+150	1		
D2a	Pre-Rinse Spray Unit	Table Mounted	1		
D3	L-Shaped Loading Table	1100x750+1350x750x850+150	1		
D4	<b>Conveyor type Dish Washer</b> with Dryer capacity above 150 racks/hr Including <b>water softening plant</b> and <b>water tank</b> required for the Conveyor Dish Washer and supply of 50 racks of size 500x 500 mm.	Electrolux, IFB, Winterhalter, Wash matic	1		

D5	Vapour Hood	900x900	1		
D6	Clean Dish Landing Table	1200x750x850+150	1		
<b>Grating</b>					
G1	Drain Grating	1200x300	3		
G2	Drain Grating	600x300	1		
G3	Drain Grating	1500x300	6		
<b>Hoods</b>					
H1	Exhaust Hood	1500x750	2		
H2	Exhaust Hood	2550x900	1		
H3	Exhaust Hood	3500x900	1		
H4	Exhaust Hood	2950x900	1		
H5	Exhaust Hood	3900x900	1		
H6	Exhaust Hood	1800x700	1		
<b>Extra</b>					
EX1	Air Curtain	1500mm long	2		
EX2	Air Curtain	1800mm long	1		
EX3	Insect-O-Cutor	Wall Mounted	8		
		<b>Total Amount</b>			

**DETAILED SPECIFICATIONS OF KITCHEN EQUIPMENT**

**Receiving Area:-**

**R1:- Weighing Scale**

Capacity:- 300Kg., floor standing. Bought out Item

**R2 :- Receiving Table with Sink**

Overall Size: 1350x650x850+150mm

Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm

Frame: Top to be secured to m.s. angle frame of 38x38x3

Legs: Made of 38mm dia. s.s.pipe with nylon adjusters

Sink: 1no. sink 450x450x250 made of 18 G. SS Sheet

Cross bracing: Made of 25mm dia. s.s.pipe on three sides

**Store:-**

**S1:- MS Pallet**

Overall Size: 1200x600x150mm

Shelf: Made of 25mm sq. ss pipe

Outer frame: 25mm sq. crossing.

Legs: Made of 25mm sq. ss pipe with nylon adjusters.

**S2 :- Atta/Maida/Rice/Sugar Bin**

Overall Size. 450 x 450 x 600mm

Tank: Made of 18 swg. s.s. sheet

Lid: Made of 18 swg. s.s. sheet in two parts with hinge in the middle

Wheels: 100mm dia. wheels to be bolted to the s.s. channel of width 50mm, turned down 25, out 25 & folded 12mm, channel to be welded to the base of the tank

**S3:- Onion/Potato Bin**

Overall size: 600x600x600mm

Tank: Verticals made of 6mm s.s.rod & horizontals of 3mm s.s.rod so as to make the wire mesh of approximate size of 50x25mm

Lid: Same as tank construction but in two parts with hinge in the middle

Wheels: 4" dia. wheels to be bolted to the s.s. channel of width 50mm, turned down 25, out 25 & folded 12mm, channel to be welded to the base of the tank

Base: Made of 16 swg. s.s. sheet

Door: Door of 200x200mm made of wire mesh to be provided at the bottom of tank

**S4 :- Storage Rack**

Overall Size: 900x450x1800mm

Shelves: 4 Nos. equidistant shelves made of 18 swg. s.s.sheet, each shelf turned down 38mm & in 12mm.

Verticals: Made of s.s. pipe of 38mm dia., 16 swg.

**S5 :- Chest Freezer**

Capacity: 320 Ltr., floor standing.

Make Bought out Item

**Dry Store**

**D1 :- Dry Storage Rack**

Overall Size: 900x450x1800mm

Shelves: 4 Nos. equidistant shelves made of 18 swg. s.s.sheet, each shelf turned down 38mm & in 12mm.  
 Verticals: Made of s.s. pipe of 38mm dia., 16 swg.

**Trolley Area:-**

**T1 :- Platform Trolley**

Overall size: 900x600x1000  
 Base/ Platform: Made of 16 swg. s.s.sheet. All the sides turned down 50mm & in 12mm.  
 Handle: Made of 25mm dia. s.s.pipe.  
 Wheels: 150 dia. wheels  
 Under frame: 38x38x5mm m.s.angle

**T2 :- Bussing Trolley**

Overall size: 900x600x1000mm  
 Shelves: 2 nos. equidistant shelves made of 18 swg. s.s.sheet with sides turned up 75mm & hemmed 12mm.  
 Verticals/Handle: Made of 25mm dia. s.s.pipe  
 Wheels: 150mm dia. wheels

**Cold Room:-**

**CR1:- Cold Room capacity 1.5 Ton, 1500 BTU**

Size: 2520x1920mm

**CR2 :- Cold Room Rack**

Overall Size: 900x450x1800mm  
 Shelves: 4 Nos. equidistant shelves made of 18 swg. s.s.sheet, each shelf turned down 38mm & in 12mm.  
 Verticals: Made of s.s. pipe of 38mm dia., 16 swg.

Sr.No	Description Details	Specification
1	External dimensions (LxB)	2520x1920mm
2	Desired Temperature range	2'C to 6'C
3	Product stored	Vegetables, fruits &dairy products
4	Product incoming qty	1000 Kgs
5	Product incoming temperature	25'C
6	Pull down time desired	24 Hours
7	No of door opening per day/hour	1-2 opening/hour/day for a duration of 1/2 min each
8	Any people working in the CR & duration	0.25 people/hour/day (assumed average)
9	Any motorized equipment in cR & its heat considered	None
10	Wall & ceiling instalation and thickness	60 mm thick PUF panels having PCGI finish both sides
11	Floor insulation and thickness	60 mm thick PUF slab with kota finish on top.(kota & PCC in client scope)
12	Door type and size	34"x78" clear opening
13	No of doors	1 No.
14	Product stacking details	On racks
15	Ambient temperature	43'C

16	Refrigeration unit selected and details of its ref capacity	<b>Blue star</b> make split type Air cooled DX System , Evaporating & Condensing unit, Model RUAH01512KP (1 No. of <b>15,000 BTUH</b> )
17	Refrigerant	R-22

**Pot/Wet Area:-**

**PW1:-Pot Rack**

Overall Size: 900x600x1650

Shelves: 3 Nos. equidistant shelves. Outer frames of shelves made of 16 swg. s.s. pipe of 32mm dia. Inner horizontal supports made of s.s. pipe of 25mm dia.

Verticals: Made of s.s. pipe of dia 38mm, 16 swg.

**PW2 :- Dough Kneader**

Bowl: made of s.s. round shape

Drive: Gear box driven through V-belt by 1HP single phase motor

Body: Floor mounting type-heavy duty with steel cast body

Kneading arm: Made of s.s. rod shaft.

**PW3 :- Masala Grinder**

Capacity: 10 ltrs.

Grinding drum: Made of 20G ss sheet with granite stone.

Motor: 1 HP motor with gearbox drive through v-belt arrangement..

**PW4 :- Potato Peeler**

Capacity: 10 KG.

Body: Made of 20G ss sheet.

Bowl: Mmade of 16G ss sheet with emri fixed inside.

Motor: 1/2 HP motor with gearbox and pulley arrangement.

**PW5 :- Pulveriser**

Body Made of 20G ss sheet.

Motor: 3 HP motor.

Front assembly: Made of fully welded ss rotor with ss front cover.

**Prep Area:-**

**P1 :- Work Table with Sink**

Overall Size: 850x650x850+150mm

Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm

Frame: Top to be secured to m.s. angle frame of 38x38x3

Legs: Made of 38mm dia. s.s. pipe with adjusters

Sink: 1no. sink 450x450x250 made of 18 G. SS Sheet

Cross bracing: Made of 25mm dia. s.s. pipe on three sides

**P1a:- Garbage Bin**

Overall size: 450mm dia

Tank: Made of PVC

Wheels: 50mm dia. Wheels



**P2 :- Work Counter with 2u/s.**

Overall size: 1500x650x850+150mm  
Top: Made of 16 swg. s.s. sheet , all sides turned down 50mm & in 12mm  
Body / Sides: Back and two sides made of 20 swg. s.s. sheet front open.  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: 4nos. leg made of 38mm dia. s.s.pipe with nylon adjusters  
Undershelf: Made of 18 swg. s.s. sheet turned down 38mm & in 12 mm

**P2a:- Veg. Cutting Machine**

Make Electrolux MUGX

**P2b:- Chopping Board**

Make Table Top Bought Out Item

**P3 :- Work Table with Sink**

Overall Size: 1450x650x850+150mm  
Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: Made of 38mm dia. s.s.pipe with adjusters  
Sink: 1no. sink 450x450x250 made of 18 G. SS Sheet  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides

**Pantry:-****PA1:- Microwave Oven**

Make: LG/Samsung  
Capacity 20 Ltr

**PA2:- Toaster**

Make: Indian/Imported

**PA3:- Salamander**

Outer body Made of 20G ss sheet.  
Inner body Made of 18G ss sheet. Glass wool insulation between inner and outer body.  
Element Heavy duty electrical element with thermostat, indicator & on/off switch.  
Shelf 1 No. removable shelf made of 6mm & 4mm ss rod with handles.

**PA4:- Juice Machine**

Make: Indian/Imported

**PA5:- Built in Sink**

Overall size 300x300x250mm  
Top Made of 16G ss sheet.  
Sink Made of 16G ss sheet of size 250x250x250mm.  
Brackets Made of 16G ss sheet.

**Bulk Cooking:-****B1 :- Work Table**

Overall size: 600x600x850+150mm  
Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: 4nos. leg made of 38mm dia. s.s.pipe with nylon adjusters

Cross bracing: Made of 25mm dia. s.s.pipe on three sides

**B2:- Stock Pot Stove**

Overall Size 6000 x600x600+150mm

Top: Made of 16 swg. s.s. sheet , all sides turned down 50mm & in 12mm

Frame: M.S. angle frame of 30x30x3

Sides: Sides covering & front panel of 20 swg. s.s. sheet upto 12"

Legs: Made of 38 mm dia. s.s. pipe with adjusters

**B3 :- Work Table with Sink**

Overall Size: 1600x600x850+150mm

Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm

Frame: Top to be secured to m.s. angle frame of 38x38x3

Legs: Made of 38mm dia. s.s.pipe with adjusters

Sink: 1no. sink 450x450x250 RHS made of 18 G. SS Sheet

Cross bracing: Made of 25mm dia. s.s.pipe on three sides

**B4 :- Work Table with Sink**

Overall Size: 1600x600x850+150mm

Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm

Frame: Top to be secured to m.s. angle frame of 38x38x3

Legs: Made of 38mm dia. s.s.pipe with adjusters

Sink: 1no. sink 450x450x250 LHS made of 18 G. SS Sheet

Cross bracing: Made of 25mm dia. s.s.pipe on three sides

**Indian Cooking:-**

**IC1:- Spreader Table**

Overall size: 450x750x850+150mm

Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm

Frame: Top to be secured to m.s. angle frame of 38x38x3

Legs: 4nos. leg made of 38mm dia. s.s.pipe with nylon adjusters

Cross bracing: Made of 25mm dia. s.s.pipe on three sides

**IC2:- Tandoor**

Overall size: 750x750x850+150mm

Exterior Body Made of 20G ss sheet. Glass wool insulation.

Top: Made of 16G ss sheet with opening in bottom.

Base Made of 14G M.S. sheet.

Tandoor Mmade of clay. 4nos. 100mm dia wheels.

**IC3:-Two Burner Range**

Overall Size 1200 x 750 x 600+150mm

Top: Made of 16 swg. s.s. sheet , 150 mm splash back, rest sides turned down 50mm & in 12mm

Frame: M.S. angle frame of 30x30x3

Sides: Sides covering & front panel of 20 swg. s.s. sheet upto 12"

Legs: Made of 38 mm dia. s.s. pipe with adjusters

Cross bracing: Made of 25mm dia. s.s.pipe on three sides

Drip trays: 2 nos. made of 20 swg. s.s. sheet

Burner: Two burners with respective pilots, heavy duty cast iron pan, separate valve for each burner & pilot

### **Conti Area:-**

#### **CA1:- Work Table with Sink**

Overall Size: 1200x750x850+150mm  
Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: Made of 38mm dia. s.s.pipe with nylon adjusters  
Sink: 1no. sink 450x450x250 LHS made of 18 G. SS Sheet  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides

#### **CA2:- Chinese Range**

Overall Size: 1500x750x850+450mm  
Top: Made of 16G ss sheet with 18" high splash back, secured to M.S. angle frame.  
Side covering and front panel made of 20G ss sheet upto 12" ht.  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides  
Legs: Made of 38mm dia ss pipe with nylon adjusters.  
Burner: 2nos. HP Chinese burners and 1no. LP with respective pilots, heavy duty cast iron pan support, separate valve for each burner & pilot. Faucet on top of splash back. Drain channel on rear and water spray on front side with ss cover.

#### **CA3:- Spreader Table**

Overall size: 450x750x850+150mm  
Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: 4nos. leg made of 38mm dia. s.s.pipe with adjusters  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides

#### **CA4:- Deep Fat Fryer**

Overall size: 500x750x850+150mm  
Double Tank: Made of 16G ss sheet with V-shaped bottom.  
Outer Body: Made of 20G ss sheet with glasswool insulation.  
Undershelf: Made of 18G ss sheet.  
Legs: Made of 38mm dia ss pipe with nylon adjusters.  
Element: Electrical heavy duty electric element with thermostate, indicator and on/off switch. Frying Basket  
Made of perforated ss sheet / wire mesh with insulated handle.

#### **CA5:- Four Burner Range**

Overall size: 750x750x850+150mm  
Top: Made of 16 swg. s.s. sheet , 150 mm splash back, rest sides turned down 50mm & in 12mm  
Frame: M.S. angle frame of 30x30x3  
Sides: Sides covering & front panel of 20 swg. s.s. sheet upto 12"  
Legs: Made of 38 mm dia. s.s. pipe with adjusters  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides  
Drip trays: 2 nos. made of 20 swg. s.s. sheet  
Burner: Four burners with respective pilots, heavy duty cast iron pan, separate valve for each burner & pilot

#### **CA6:- Work Table**

Overall size: 700x750x850+150mm  
Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: 4nos. leg made of 38mm dia. s.s.pipe with adjusters  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides

**CA7:- Work Table with Sink**

Overall Size: 1500x750x850+150mm  
Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: Made of 38mm dia. s.s.pipe with adjusters  
Sink: 1no. sink 450x450x250 LHS made of 18 G. SS Sheet  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides

**CA8:- Idle Steamer**

Body Made of 20G ss sheet.  
Doors Made of 18G ss sheet.  
Element Electric panel on front bottom with 2 K.W. heating element.  
brackets arrangement for wall mounting.

**CA9:- Hot Plate with Griddle**

Overall Size: 1200x750x850+150mm  
Top Made of 10mm thick polished M.S. plate (half plain and half griddle) as hot plate ,  
Frame Secured to M.S. angle frame.  
Side covering Made of 20G ss sheet  
Front Panel Made of 20G. SS Sheet  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides  
Legs Made of 38mm dia ss pipe with nylon adjusters.  
Burner 2nos. V type burners with pilots. Separate valve for each burner & pilot.

**CA10:- Work Table**

Overall size: 700x750x850+150mm  
Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: 4nos. leg made of 38mm dia. s.s.pipe with adjusters  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides

**CA11:- Tandoor**

Overall size: 750x750x850+150mm  
Exterior Body Made of 20G ss sheet. Glass wool insulation.  
Top: Made of 16G ss sheet with opening in bottom.  
Base Made of 14G M.S. sheet.  
Tandoor Mmade of clay. 4nos. 100mm dia wheels.

**CA12:- Work Table**

Overall size: 850x750x850+150mm  
Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: 4nos. leg made of 38mm dia. s.s.pipe with adjusters  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides

**Chappati Area:-****C1:- Work Table with Sink**

Overall Size: 1000x600x850+150mm  
Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: Made of 38mm dia. s.s.pipe with adjusters

Sink: 1no. sink 450x450x250 LHS made of 18 G. SS Sheet  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides

#### **C2:- Work Table**

Overall size: 1000x600x850+150mm  
Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: 4nos. leg made of 38mm dia. s.s.pipe with adjusters  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides

#### **C3:- Chappati Rolling Table**

Overall size: 900x750x850+150mm  
Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: 4nos. leg made of 38mm dia. s.s.pipe with adjusters  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides

#### **C4:- Chappati Hot Plate**

Overall size: 1200x750x850+150mm  
Top: Made of 12 mm thick polished m.s. plate as hot plate  
Sides: Side covering of 20 swg.s.s. sheet  
Legs: 38 mm dia. s.s. pipe with s.s. adjusters  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides  
Frame: M.S. angle frame of 30x30x3  
Burner: 4nos. V type burners with pilot & control valves

#### **C5:- Chappati Puffer:-**

Overall size: 600x750x850+150mm  
Top: Made of 300x300mm perforated m.s.plate acting as puffer  
Sides: Side covering of 20 swg.s.s. Sheet  
Legs: 38 mm dia. s.s. pipe with s.s. adjusters  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides  
Frame: M.S. angle frame of 30x30x3mm  
Burner: 2nos. V type burners with pilot & control valves

#### **C6:- Work Table with Sink**

Overall Size: 1400x600x850+150mm  
Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides turned down 50mm & in 12mm  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: Made of 38mm dia. s.s.pipe with adjusters  
Sink: 1no. sink 450x450x250 LHS made of 18 G. SS Sheet  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides

#### **Dish Wash Area:-**

##### **D1:- Dirty Dish Landing Table with Garbage Chute**

Overall size: 2250x750x850+150mm  
Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides raised 1" @45 degree turned down 50mm & in 12mm  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: Leg made of 38mm dia. s.s.pipe with adjusters  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides  
Chute: Made of 150mm dia. 16 swg. s.s.sheet, 100mm deep

**D1a:- Garbage Bin**

Overall size: 450mm dia  
Tank: Made of PVC  
Wheels: 50mm dia. Wheels

**D2:- Two Sink Unit**

Overall size: 1800x750x850+150mm Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides to be raised 1" @45 degree, turned down 50mm & in 12mm.  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: Made of 38mm dia. s.s.pipe with adjusters  
Sink: 2nos. sink 450x450x250 made of 18 G. SS Sheet  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides

**D2a:- Pre-Rinse Spray Unit**

Make Imported

**D3:- L-Shaped Loading Table**

Overall size: 1100x750+1350x850x850+150mm  
Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides raised 1" @45 degree turned down 50mm & in 12mm  
Frame: Top to be secured to m.s. angle frame of 38x38x3  
Legs: 4nos. leg made of 38mm dia. s.s.pipe with adjusters  
Cross bracing: Made of 25mm dia. s.s.pipe on three sides

**D4:- Conveyer type Dish Washer with Dryer, water tank & softening plant**

Capacity Rack /hour - 150 racks /hour & above

Make - Electrolux, Winter halter, IFB , Washmatic

The cost of **50 racks is inclusive** in the cost of Dishwasher. Any plumbing works for the Installation will be in the scope of agency .The **water tank & softening plant** required should be inclusive in the cost of Dishwasher.The complete dishwasher unit along with the above mentioned accessories will be treated as integrated part of the dishwasher.

**Salient features**

- 2 Tank machine with pre-wash
- with integrated dryer
- Easy to clean carved interiors
- Thermo stop function
- Dry run protection
- Electronic controls
- Minimum Rack size 500\*500 mm
- Triple speed machine
- Insulated boiler
- Phase monitoring
- with wash & rinse functions
- Automatic start
- Rack sensing conveyer
- Sensor operated zones
- Conveyer idle shutoff and restart

**D5:- Vapour Hood**

Overall size: 900x900mm

Body: Made of 18 swg. SS sheet with ht. of 150mm in front & 450mm at the rear,

**D6:- Clean Dish Landing Table**

Overall size: 1200x750x850+150mm

Top: Made of 16 swg. s.s. sheet , splash of 150mm, rest of the sides raised 1" @45 degree turned down 50mm & in 12mm

Frame: Top to be secured to m.s. angle frame of 38x38x3

Legs: 4nos. leg made of 38mm dia. s.s.pipe with adjusters

Cross bracing: Made of 25mm dia. s.s.pipe on three sides

**Grating:-****G1:- Drain Grating**

Make Custom

Overall Size: 1200x300mm

**G2:- Drain Grating**

Make Custom

Overall Size: 600x300mm

**G3:- Drain Grating**

Make Custom

Overall Size: 1500x300mm

**Hoods****H1:-Exhaust Hood**

Overall Size: 1500x750mm

Body: Made of 18 swg. S.S sheet with ht. of 150mm in front & 450mm at the rear, provision for placement of filters in full length-single row.

Filters: Removable filters made of 20 swg. s.s sheet channels of V/U shape, holes for draining of oil through filters to be provided

Frame: M.S. frame of 38x38x3 to be provided on top with appropriate holes for hanging the hood.

**H2:-Exhaust Hood**

Overall Size: 2250x900mm

Body: Made of 18 swg. S.S sheet with ht. of 150mm in front & 450mm at the rear, provision for placement of filters in full length-single row.

Filters: Removable filters made of 20 swg. s.s sheet channels of V/U shape, holes for draining of oil through filters to be provided

Frame: M.S. frame of 38x38x3 to be provided on top with appropriate holes for hanging the hood.

**H3:-Exhaust Hood**

Overall Size: 3500x900mm

Body: Made of 18 swg. S.S sheet with ht. of 150mm in front & 450mm at the rear, provision for placement of filters in full length-single row.

Filters: Removable filters made of 20 swg. s.s sheet channels of V/U shape, holes for draining of oil through filters to be provided

Frame: M.S. frame of 38x38x3 to be provided on top with appropriate holes for hanging the hood

**H4:-Exhaust Hood**

Overall Size: 2950x900mm  
Body: Made of 18 swg. S.S sheet with ht. of 150mm in front & 450mm at the rear, provision for placement of filters in full length-single row.  
Filters: Removable filters made of 20 swg. s.s sheet channels of V/U shape, holes for draining of oil through filters to be provided  
Frame: M.S. frame of 38x38x3 to be provided on top with appropriate holes for hanging the hood.

**H5:-Exhaust Hood**

Overall Size: 3900x900mm  
Body: Made of 18 swg. S.S sheet with ht. of 150mm in front & 450mm at the rear, provision for placement of filters in full length-single row.  
Filters: Removable filters made of 20 swg. s.s sheet channels of V/U shape, holes for draining of oil through filters to be provided  
Frame: M.S. frame of 38x38x3 to be provided on top with appropriate holes for hanging the hood.

**H6:-Exhaust Hood**

Overall Size: 1800x700mm  
Body: Made of 18 swg. S.S sheet with ht. of 150mm in front & 450mm at the rear, provision for placement of filters in full length-single row.  
Filters: Removable filters made of 20 swg. s.s sheet channels of V/U shape, holes for draining of oil through filters to be provided  
Frame: M.S. frame of 38x38x3 to be provided on top with appropriate holes for hanging the hood.

**Extra:-****EX1:-Air Curtain**

Overall Size: 1500mm Long  
Make Hygiene

**EX2:-Air Curtain**

Overall Size: 1800mm Long  
Make Hygiene

**EX3:-Insect-O-Cutor**

Overall Size: Wall Mounted  
Make Hygiene



# EQUIPMENT PLAN

