

**MINISTRY OF HEALTH & FAMILY WELFARE  
(GOVT. OF INDIA)**

**ALL INDIA INSTITUTE OF AYURVEDA (AIIA), NEW DELHI**

**Tender**

**for**

**Supply, Installation, Testing & Commissioning of Kitchen  
Equipments at All India Institute of Ayurveda (AIIA), Sarita Vihar,  
New Delhi**

**VOLUME – IV**

**BILL OF QUANTITIES (BOQ)**

**November 2013**



( Consultants & Engineers for Mega Hospitals & Laboratories )  
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**Tender No. HSCC/SES/AIIA/Kitchen/2013**

BILL OF QUANTITIES														
Part-I														
Package - Supply, installation & commissioning of Kitchen with 2 year Defect Liability period														
Sl.No.	Item Description	1	Specifications	2	Size/Unit	3	Qty.	4	Unit Rate in Rs. (in Figure)	5	Unit Rate in Rs. (in words)	6	Amount in Rs. (In Figure)	7
<b>RECEIVING AREA</b>														
1	SS Platform Rack.		The entire rack is made of 18 on tiny tubular legs with adjustable bullet feet. Also fitted with cross bearing channel beneath to hold the Sacks.		1300 x 600 x 250		1							
2	SS Big Bowl Sink Unit.		Top of 16 sg. SS sheet on S.S. Angle frame work on S.S squarelegs with adjustable bullet feet for uneven floors. Also fitted with a large sink on RHS. Also fitted with a back splash and under shelf. The top is fitted with stud welded bolts with the frame for sturdy and stronger grip. The bowl size 1200x500x250		1500 x 650 x 850 + 1		1							
3	Weighing Scale.(Electronic)		I.S.I. marked. The supplier has to provide the permit from Weights & Measures dept.		300 Kg		1							
<b>COLD ROOM &amp; DRY STORE</b>														
4	Dunnage Rack		Dunnage Rack (Sintax/Neelkamal)		1200 x 600		4							
5	SS Platform Rack		Same as sl.no.1		1200 x 800 x 250		4							
6	Onion / Potato Bin		The entire bin is made of 18 swg. S.S. Sheet on heavy duty castor wheels. Also fitted with top opening lids and doors beneath to extract onion / potato.		1000 x 600 x 1000		1							
7	4 Door Vertical Refrigerator.		Double walled puff insulated all SS sheet body on tiny tubular legs with adjustable bullet feet. Fitted with Emerson/ Tecumsah make condensing unit on top with auto temperature controller and indicating lamps and SS detachable hinges to keep the detachable wire meshed trays for storage with lockable SS doors. Also Fitted with a detachable drip tray beneath		1000 Ltrs. 1200 x 650 x 2100		1							
8	SS Storage Rack with SS Uprights		All five shelves are made of 18 swg. SS sheet on 4 nos round / square legs with adjustable bullet feet. All the shelves are having "C" channel through to accommodate maximum load bearing ability.		1200 x 450 x 1800		11							
9	SS Storage Rack with SS Uprights		SS Storage Rack with SS Uprights Same as sl.no.10		1350 x 450 x 1800		1							

10	Platform Trolley.	The entire trolley is made of 18 swg. S.S. Sheet on heavy duty castor wheels. Fitted with a push cart type handle and cushion guard in front to prevent any damage during operation.	800 x 500 x 900	3		
11	Cold Room	Temperature -0 to 4 degree centigrade Insulation: Panels 60mm thick PU at 40-42kg density.PCGI exposed exterior 0.5mm thick sheet,PCGI exposed exterior 0.5mm thick sheet, PCGI interior 0.5mm thick sheet, floor interior and exterior of 0.5mm thick PCGI exposed sheet, Ceiling exterior PCGI, interior PCGI Sheet 0.5mm.Vertical,Panels Joint with Cam lock coupling in Tongue & Groove arrangement. Details as per technical specification.	2800 x 2500 x 2400	1		
<b>VEG. PREPARATION AREA</b>						
12	SS Single Bowl Sink unit R.H.S	Top of 16 sg. SS sheet on S.S. Angle frame work on S.S square legs with adjustable bullet feet for uneven floors. Also fitted with a large sink on RHS. Also fitted with a back splash and under shelf. The top is fitted with stud welded bolts with the frame for sturdy and stronger grip. The bowl size 500x500x250	1460 x 650 x 850 + 150	1		
13	SS Wall Shelf	The entire shelf is made of 18 swg. S.S. Sheet and fastened on wall with S.S. fasteners.	1460 x 300	1		
14	SS Work Table with 1 No U/S.	Top of 16 sg. SS sheet on S.S. Angle frame work on S.S squarelegs with adjustable bullet feet for uneven floors.. Also fitted with a back splash and under shelf. The top is fitted with stud welded bolts with the frame for sturdy and stronger grip	810 x 650 x 850 + 150	1		
15	SS Wall Shelf	Same as sl. No. 14	810 x 300	1		
16	SS stand for Chopping blocks with boards	S.S-304 sheet body to hold poly carbonate Chopping Boards	650x650x850	2		
17	SS Wall Shelf	Same as sl. No.14	1500 x 300	1		
18	SS Wall Shelf	SS Wall Shelf Same as sl. No. 14	1350 x 300	1		

19	Veg Cutter Machine	Continuous flow cutting machine is made of aluminum casting on tiny tubular legs with adjustable bullet feet. Fitted with gravity hopper and 4 SS blades for slicing chopping and dicing and a heavy duty motor Options are there for blades for julienne, French fries etc.	100 Kg/hr	1		
20	SS Work Table with 1 No U/S.	Same as sl.no.17	1200 x 650 x 850 + 15	1		
21	SS Wall Shelf	Same as sl. No.14	1200 x 300	1		
22	SS Work Table with 1 No U/S.	Same as sl. No. 17	1400 x 650 x 850 + 15	1		
23	SS Wall Shelf	Same as sl. No.14	1400 x 300	1		
<b>STAFF CANTEEN</b>						
24	SS Work Table with 1 No U/S.	Same as sl. No.17	1450 x 650 x 850 + 15	1		
25	Microwave Oven	Microwave Oven IFB/Equivalent	15 L	2		
26	SS Wall Shelf	Same as sl. No.14	1450 x 300	1		
27	SS Single Bowl Sink unit (R.H.S)	Same as sl. No.15	1500 x 650 x 850 + 15	1		
28	SS Wall Shelf	Same as sl. No.14	1500 x 300	1		
29	4 Door Vertical refrigerator.	Same as sl. No. 8. 1000 LTRS.	1200 x 650 x 2100	1		
30	Citrus Juicer.	The juicer to have on line separator for citrus fruits.		1		
31	Blender	The heavy duty hand held S.S. blender to have the capacity of blending & whipping of more than three liters at one time.		1		
32	SS Wall Shelf	Same as sl. No.14	1750 x 300	1		
33	SS Work Table with 1 No U/S.	Same as sl. No.17	1700 x 650 x 850 + 15	1		

34	SS Wall Shelf	Same as sl. No.14	1700 x 300	1		
35	Sandwich Griller.	The heavy duty grilling plates are fitted on S.S. tops on tiny legs. Fitted with 3.0 KW heating element with each unit with individual auto temp. controller and indicating lamps. Also fitted with insulated handles on each grillers to extract the contents.	Double	1		
36	Tea/Coffee Dispenser	Double walled mineral wool insulated all SS sheet body on tiny tubular legs. The inner tank is spitted in two parts-one for 25 liters water & another for 5 lits. milk with heavy duty individual gun metal faucet and water level indicator. Fitted with 3.0 kw immersion type heating element with auto temp. controller and indicating lamps. Also fitted with a detachable drip tray	150 cups/hr	1		
37	Dosa Plate	Top of 1 mm thick M.S plate on S.S Angle frame work on S.S. Square legs with adjustable bullet feet. Fitted with heavy duty R.V burner with pilot lamp and individual control valves. Also fitted with splash on three sides and a water through in front and a detachable grease collection drip tray and a bottom shelf.	1000 x 600 x 850	1		
38	Chopping Block	Same as sl. No.19	650 x 650 x 850	1		
39	Dough Kneader	The heavy duty SS rotating drum is fitted with heavy duty MS stand & base, duty rust proof painted. Also fitted with heavy duty SS arm to mix the dough and duly connected to heavy duty motor.	25 Kg	1		
40	Chapati Plate Cum Puffer on right	Top of 12 mm thick M.S plate on S.S Angle frame work on S.S. square legs with adjustable bullet feet. Fitted with heavy duty R.V. Burner with pilot lamp with individual control valves. Also fitted with a puffer on right hand side and a bottom shelf.	1200 x 600 x 850	1		
41	SS. Exhaust Hood with SS Filters Island type	Same as sl. No. 57	1350 x 750 x 500	1		
42	Chapati Collection Trolley	Sunken top of 18 swg S. S. sheet body on square legs on castor wheels. Also provided with a bottom shelf.	750x600x850	1		
43	SS Chapati Roling Table with Granite Top & U/s on Castors.	Marble top rolling table is fitted on S.S. angle on S.S. square legs with adjustable bullet feet. Also fitted with a bottom shelf.	1200 x 600 x 850	1		

44	Idli Steamer	Doubled walled mineral wool insulated all SS sheet body on tiny tubular legs with adjustable bullet feet. Fitted with two nos immersion type heating element of 3.0 KW each with individual auto temperature controller and indicating lamps and SS hinges inside to keep detachable idli trays. Also fitted with water inlet, outlet valves and water level indicator. A front opening insulated door is fitted at the service side.	120 Idlis	1		
45	Tilting Boiling Pans	Double walled mineral wool insulated all SS sheet body is fitted with heavy duty SS tubular legs. Fitted with high pressure burner and pilot lamp with individual control valves, tilting gear to extract the boiled/cooked food, water inlet valve and gun metal faucet and SS perforated detachable bottom shelf. A top opening spring loaded lid with insulated handle is also fitted.	100 Liters	1		
46	Tilting Frying /Brazing Pans	Same as above	100 Liters	1		
47	SS. Exhaust Hood with SS Filters (Wall type)	The entire hood is made of 18 swg. S.S. Sheet with S.S. baffle filter and being hung on wall with wall fasteners.	4720 x 1150 x 500	1		
48	Single Burner Gas Range.(High Pressure) Stock Pot	Top of 16 swg. SS Sheet on S.S Angle frame work on S. S. Square legs with adjustable bullet feet for uneven floors. Fitted with United/Sarna make heavy duty burner with pilot lamps with individual control valves and heavy duty cast iron pan support.	750 x 750 x 650	1		
49	SS Side Work Table with 1 No. U/s.	Same as sl. No. 17	750 x 750 x 650 + 50	1		
50	4 Burner Gas Range with Oven Below	Top of 16 swg. SS Sheet on M.S Angle frame work on SS Square legs with adjustable bullet feet for uneven floors. Fitted with United/Sarna make heavy duty burner with pilot lamps with individual control valves and heavy duty cast iron pan support. Also fitted with an electrically operated oven beneath.	950 x 950 x 850 + 150	1		
51	SS. Exhaust Hood with SS Filters (I-Land type)	Same as sl. No 62 A	4720 x 2000 x 500	1		
52	BISI Cooler	Glass cover at the front door Make-Blue Star/Cellsrost/Euronova/Allanpro	600 Ltrs	1		

53	SS Bain Marie Counter with Sneeze Guard.	Miner wool insulated top of all SS sheet body on tubular legs with adjustable bullet feet. The tank is spitted in two parts-one part to keep hot food with 3 nos GN pans & other one to have ambient/cold food with 2 GN pans of 1/2x150mm fitted with 2nos immersion type heating element of 2.0 kw each with auto temp. Controller & indicating lamps. Also fitted with water inlet, outlet & overflow valves. The entire unit is covered in three sides and fitted with a tray slide in front and an under shelf beneath.	1500 x 650 x 850 + 45	2		
54	Garbage Bin	Moulded Plastic container with 2 Nos-Big castor wheel. Garbage cart should be set to keep vertically upright on its base complete with accessories as per specification.		6		
<b>WET AREA</b>						
55	Wet Masala Grinder (Tilting Type)	The heavy duty SS rotating drum on SS covering on MS angle frame work duly rust proof painted, is fitted with heavy duty motor with a crushing stone duly fitted in drum with SS tubular leg. Also fitted with a rotating gear to extract the contents after grinding.	10 Liters.	2		
56	Onion / Potato Peeler (Imported)	The heavy duty peeling drum is made of 18 swg. SS sheet on three nos tiny legs with adjustable bullet feet and a rotating disc of SS sheet being connected with heavy duty motor of 2 HP single/three phase. Also pasted with emery granules inside the drum and on rotating disc to peel and fitted with water inlet valve and aluminum casting/SS sheet our pour to extract peeled potatoes.	10 Kg.	1		
57	Pulverizer	The continuous flow pulverizer is made of SS gravity hopper on SS covering on MS angle frame work duly rust proof painted on adjustable bullet feet. Also fitted with a heavy duty motor with S.S. outpour and 5 blades of different sizes. The heavy duty machine can grind both dry and wet.	8 to 10 Kg.	1		

		MAIN COOKING AREA					
58	Tilting Boiling Pans	Double walled mineral wool insulated all SS sheet body is fitted with heavy duty SS tubular legs. Fitted with high pressure burner and pilot lamp with individual control valves, tilting gear to extract the boiled/cooked food, water inlet valve and gun metal faucet and SS perforated detachable bottom shelf. A top opening spring loaded lid with insulated handle is also fitted.	100 Liters	2			
59	Tilting Frying /Brazing Pans	Same as above	100 Liters	1			
60	SS. Exhaust Hood with SS Filters (Wall type)	The entire hood is made of 18 swg. S.S. Sheet with S.S. baffle filter and being hung on wall with wall fasteners.	4720 x 1150 x 500	1			
61	Single Burner Gas Range.(High Pressure)	Top of 16 swg. SS Sheet on S.S Angle frame work on S. S. Square legs with adjustable bullet feet for uneven floors. Fitted with United/Sarna make heavy duty burner with pilot lamps with individual control valves and heavy duty cast iron pan support.	750 x 750 x 650	4			
62	SS. Exhaust Hood with SS Filters (Wall type)	Same as sl. No. 57	1600 x 950 x 500	1			
63	SS Side Work Table with 1 No. U/s.	Same as sl. No. 17	750 x 750 x 650 + 50	1			
64	SS. Exhaust Hood with SS Filters (Wall type)	Same as sl. No.57	2400 x 950 x 500	1			
65	Chapati Plate Cum Puffer on right	Top of 12 mm thick M.S plate on S.S Angle frame work on S.S. square legs with adjustable bullet feet. Fitted with heavy duty	1200 x 600 x 850	2			
66	SS. Exhaust Hood with SS Filters Island type	Same as sl. No. 57	2400 x 750 x 500	1			
67	SS Side Work Table with 1 No. U/s.	Same as sl. No. 17	825 x 950 x 850 +50 s	2			
68	Chapati Collection Trolley	Sunken top of 18 swg S. S. sheet body on square legs on castor wheels. Also provided with a bottom shelf.	750x600x850	2			
69	SS Chapati Rolling Table with Granite Top & U/s on Castors.	Marble top rolling table is fitted on S.S. angle on S.S. square legs with adjustable bullet feet. Also fitted with a bottom shelf.	1200 x 600 x 850	1			



70	Dough Kneader	The heavy duty SS rotating drum is fitted with heavy duty MS stand & base, duty rust proof painted. Also fitted with heavy duty SS arm to mix the dough and duly connected to heavy duty motor.	25 Kg.	2		
71	SS Single Bowl Sink unit (R.H.S)	Same as sl.no.	1150 x 650 x 850 + 15	1		
72	SS Work Table with Drain Board	Same as sl. No.17	1350 x 650 x 850 + 150 spl.	1		
73	Milk Boiler.	Triple walled mineral wool insulated all S.S. Sheet body is fitted on tiny legs. Fitted with water inlet valve with the third Wall and an immersion type heating element with auto temp. controller and indicating lamp to heat milk. The second wall is insulated with mineral wool. Also fitted with water level indicator to maintain steady supply of water. Also fitted with a top opening lid with insulated handle.	80Liters	1		
74	Water Boiler.	Double walled mineral wool insulated all S Sheet body on SS legs with adjustable bullet feet. Fitted with 3.0 kw immersion type heating element with auto temperature controller and indicating lamps. Also fitted with a top opening lid with insulated handle and two insulated handles on either side to carry	80 Liters	1		
75	SS Side Work Table with 1 No. U/s.	Same as sl. No.17	SS Side Work Table with 1 No. U/s.	1		
76	4 Burner Gas Range with Oven Below	Top of 16 swg. SS Sheet on M.S Angle frame work on SS Square legs with adjustable bullet feet for uneven floors. Fitted with United/Sarna make heavy duty burner with pilot lamps with individual control valves and heavy duty cast iron pan support. Also fitted with an electrically operated oven beneath.	950 x 950 x 850 + 15	1		
77	SS. Exhaust Hood with SS Filters (I-Land type)	Same as sl. No 62 A	4720 x 2000 x 500	1		
78	Masala Trolley	The entire trolley is made on SS sheet body to keep inserts for preparation on tubular legs on 4 nos castor wheels-2 with breaks and 2 normal. Also fitted with a bottom shelf/cross brazings.	800 x 500 x 900	1		
79	SS Center Work Table with U/s on Castors.	Same as sl. No. 17	1200 x 600 x 850	1		
80	Garbage Bin	Moulded Plastic container with 2 Nos-Big castor wheel. Garbage cart should be set to keep vertically upright on its base complete with accessories as per specification.		4		

		<b>SERVICE AREA</b>					
81	SS Tray Cutlery Trolley	The entire is made of S.S. hinges on S.S. square uprights on castor wheels.		1			

82	Granite Counter	Granite Counter		1		
83	SS Water Cooler	Double walled puff insulated all S.S. Sheet body on S.S. adjustable bullet feet. Fitted with Emerson / Tecunsa make condensing unit with auto temp. controller and indicating lamps. Also fitted with water inlet valve, over flow protector valve and gun metal faucets and S.S. drip tray.	40 Liters	1		
<b>DISH WASH AREA</b>						
84	SS Dirty Dish Landing Table with Garbage Chute (L.HS).	Top of 16 swg. S.S. Sheet on S.S. angle frame work on S.S. square pipes with adjustable bullet feet. Fitted with a garbage chute on left hand side and a cross brazing beneath.	1550 x 650 x 850 + 15	1		
85	SS Two Bowl Sink Unit	Top of 16 sg. SS sheet on S.S. Angle frame work on S.S square legs with adjustable bullet feet for uneven floors. Also fitted with two sinks on RHS. Also fitted with a back splash and cross brazing. The top is fitted with stud welded bolts with the frame for sturdy and stronger grip. The bowl size 500x500x250	1500 x 650 x 850 + 15	1		
86	Hot Water Geyser (Horizontal)	Hot Water Geyser (Horizontal)	100 Litres.	1		
87	Pre-rinse Jet Spray.	The spray unit to be fitted with hot & cold mixer		1		
88	Dish Washer,	Single tank rack conveyor with dryer	100 Racks/hr	1		
89	SS. Exhaust Hood with SS Filters (Wall type)	Same as sl.no.57	2250 x 950 x 500	1		
90	Chain Conveyor 90 deg.(Manual)	The heavy duty chain has to connect with the loading table and dish washer.	850 x 850 x 910	1		
91	SS Unloading Conveyor Table with Dishwash Rack holder. (manual)	The entire table is made of 16 swg. S.S. Sheet on S.S. angle frame work on S.S. Square legs with adjustable bullet feet. Also fitted with S.S. Hinges to hold the dish washing rack beneath.	1150 x 650 x 850 + 15	1		
92	SS Work Table with Dishwash Rack holder.	Same as sl. No.94	1275 x 650 x 850 + 15	1		
93	SS Dish Storage Rack.	Same as sl.no.10	1350x850x900	3		
94	Cutlery Soaking unit	Cutlery Soaking unit MOC-SS-304	625 x 625 x750	1		

		<b>POT WASH AREA</b>					
95	Hot Water Geyser (Horizontal)	Hot Water Geyser (Horizontal)	100 Litres.	1			
96	Pre-rinse Jet Spray.	Same as sl. No. 90		1			
97	SS Pot Rack	All the shelves are SS Square pipes on 4 nos square legs with adjustable bullet feet. All the joints are firmly welded and nicely grinded, polished and puffed to a smoother finish.	1300 x 600 x 1500	2			
98	SS Two Sink Pot Wash	Top of 16 sg. SS sheet on S.S. Angle frame work on S.S square legs with adjustable bullet feet for uneven floors. Also fitted with two sinks on RHS. Also fitted with a back splash and cross brazing. The top is fitted with stud welded bolts with the frame for sturdy and stronger grip. The bowl size 600x500x250	1500x600x850+150	1			
99	Pot Wash Masonic	Pot Wash Masonic with tile finish all around	1500 x 1500	1			
		<b>TRAY SET UP AREA</b>					
100	SS Tray Cutlery Trolley.	Same as sl. No.80	375x500x850	1			
101	Plate Dispenser.	Same as sl. No. 17	800 x 400 x 850	1			
102	Tray Set up (Conveyer Type)	Top of 19 swg. S.S. Sheet on S.S. angle frame work on S.S. square pipes with adjustable bullet feet for uneven floors. Fitted with an electrically operated conveyer belt to shift the trays to load.	3900 x 600 x 850	1			
103	Hot Bain Marie on Castors.	Double walled mineral wool insulated all S.S. Sheet body is fitted with an immersion type heating element of 3.0 KW with auto temp. controller & indicating lamps on heavy duty castor wheels. Also fitted with 4 nos. G.N. pans with lids of ½ x 150.	800 x 625 x 850	2			
104	Plate Cover Dispenser.	Same as sl. No.17	Plate Cover Dispenser	1			
105	SS Work Table with U/s.	Same as sl. No.17	1500 x 650 x 850 + 15	1			
106	SS Rack on Castors	Same as sl. No.10	SS Rack on Castors	2			

107	Food Warmer Trolley	Double walled mineral wool insulated all SS sheet body on heavy duty castor wheels with push cart type handle. Fitted with 3.0 kw heating element with auto temp. controller and indicating lamps and SS hinges to keep pre-plated plates with insulated lockable door. Damage resistant rubber cushion is fitted on all the corners to prevent any damage during movement.	875 x 688 x 1200	6		
108	Sink	MOC-SS-304	600x600x850 +150	1		
		<b>MISCELLANEOUS</b>				
109	Insecto Killer (Ceiling Mounted)	Insecto Killer (Ceiling Mounted)		8		
110	Air Curtain (Depend on Door Size)	Air Curtain (Depend on Door Size)		4		
111	Garbage Trolley	Garbage Trolley		3		
112	Extra Dishwash Racks	Extra Dishwash Racks				
A	Extra Dishwash Racks	Extra Dishwash Racks		4		
B	Dishwash Rack - Glasses / Cups	Dishwash Rack - Glasses / Cups		4		
C	Dishwash Rack - Tray	Dishwash Rack - Tray		4		
D	Dishwash Rack - Cutlery	Dishwash Rack - Cutlery		4		
113	Extra Gastronorm Pans	Extra Gastronorm Pans				
	1/1 GN Pan,	1/1 GN Pan, 200mm deep with lid		4		
	1/2 GN Pan,	1/2 GN Pan, 200 mm deep with lid.		6		
	1/2 GN Pan,	1/2 GN Pan, 150 mm deep with lid		3		
	1/2 GN Pan,	1/2 GN Pan, 150 mm deep with lid		3		
114	Hand wash sink with Faucet	Hand wash sink with Faucet		1		
115	Nani Trape Drainage	Nani Trape Drainage		7		
116	LPG BANK	LPG Bank with gas manifold system and Iron Grilled Cage/PNG		1		
117		<b>TURNKEY WORK AS DETAILED IN TECHNICAL SPECIFICATION</b>		1Lot		
		<b>SUB TOTAL Rs.</b>				

