

**HOSTEL 7 NIT ROURKELA.**

**Main Kitchen and store area.**

Sl. No.	Description	Specification	Size	Qty.	Rate	Amount Rs.	P.
1	Side table with 2 bottom shelves	Stainless Steel 16 swg top, Top underneath MS angle structure 1.5" dia SS pipe vertical with nylon adjustable bullet. Bottom shelves 2 nos made of 18 swg SS sheet.	44"Lx24"Wx34"H	1			
2	Single burner gas cooking range	1 burner with pilots, 16 swg stainless steel top with 20 swg panel and SS pipe legs with mild steel angle structure with adjustable bullet & bottom cross bracing. Cast Iron, Vessel rest, 20 swg SS spillage tray. SS Side panels with internal MS angle structure with appropriate ventilation system.	24"Lx24"Wx28"H	4			
3	Single sink unit [dipress sink size 17.5x17.5x11.5]	1 no Sink of size: 24"Lx24"Wx[34+6]"H [17.5"Lx17.5"Wx12"H] 16 swg SS top fabricated three sides slope up and splash back. Sink is provided on the top. Mild Steel angle structure underneath the top. The sink to be SS fabricated deep sink with four sides round corner and bottom waste coupling and outlet valve. Verticals to be SS pipe with adjustable bullet and bottom cross bracing with SS bottom shelf.		1			
4	Back side preparation table with 2 bottom shelves	Stainless Steel 16 swg top, Top underneath MS angle structure 1.5" dia SS pipe vertical with nylon adjustable bullets. Bottom shelves 2 nos made of 18 swg SS sheet.	44"Lx24"Wx34"H	1			
5	Back side preparation table with 1 bottom shelves	Stainless Steel 16 swg top, Top underneath MS angle structure 1.5" dia SS pipe vertical with nylon adjustable bullet. Bottom shelves 1 no made of 18 swg SS sheet.	72"Lx24"W	2			

Sl. No.	Description	Specification	Size	Qty.	Rate	Amount Rs.	P.
6	Rice boiler / Bulk cooker - 200 lts	Inner body is made of 16 swg Stainless Steel, with outer body 18 swg Stainless Steel, with inside colander. Inside burner with heavy duty plate. Hexagonal body with Glasswool insulation. Top lid with steam outlet. SS fabricated cylindrical one side slope down vessel, semiperforated SS detachable strainer and half oval hinge lifted lid with bakelite heat proof handle & primary steam outlet cover. Body is Octagonal or hexagonal shape SS with glass wool insulation. Verticals to be of SS pipe with hard nylon adjustable bullet. Drainage valve to be of SS with wire mesh filter.	34diax36"H	1			
7	Tilting pan - 35 lts	Pan is made of 14 swg Stainless Steel with 14 swg Base plate. Bottom plate is of MS with RV burner. Gear mechanism for pan tilting, with water inlet and outlet option. Pan of SS rectangular shape with bottom Mild Steel plate lining for gas model, front side of the pan conical mouth for easy pouring of food stuff. Bottom side of the pan covered by paneling to resist the gas burner flame & one ignition hole is provided for easy firing the pilot burner. The pan is fitted with tilting lid through gear operation. This tilting pan is fitted with gear mechanism operation for easy handling and less man power. The lid of the tilting pan also fitted with tilting mechanism for easy operation and safety precaution. The gear wheel placed on the control panel. Other sides of the control panel fitted with electrical switches or gas control valve. Verticals to be of SS pipe with adjustable bullet and bottom back cross bracing.	36"Lx34"Wx34"H	2			

Sl. No.	Description	Specification	Size	Qty.	Rate	Amount Rs.	P.
8	Kitchen utility trolley	Top Tier made of 16 swg. SS Sheet with all 4 sides 6" turned up and bottom 2 tiers made of 18 swg. SS sheet with all 4 sides 4" turned up. 1.5" dia SS pipe vertical with 6" dia. Castor wheels- "SWIVEL TYPE" with double Ball Bearing 1" dia SS pipe push handle fitted with top tyres for smooth functioning	36"Lx24"Wx42"H	2			-
9	Chapatti collection table with 2 bottom shelves	Stainless Steel 16 swg top, underneath MS angle structure 1.5" dia SS pipe vertical with nylon adjustable bullet. Bottom shelves 2 nos made of 18 swg SS sheet.	Top 44"Lx24"Wx34"H	1			-
10	Chapati hot plate with puffer	Top plate - 12-mm thick mild steel grilling plate with sides 25x25x6 MS angle bracing. Four side panel 20 swg. SS sheet, 1.5" dia 16swg SS pipe with adjustable hard nylon bullet legs. FUEL RV type Gas burner fitted with all internal fittings and controls and pilot burner for ignition underneath of the hot plate. Front side panel detachable, back fixed and two sides fixed with round louvers for air ventilation. Verticals made of SS pipe with adjustable bullet and bottom cross bracing.	52"Lx26"Wx34"H	1			-
11	Chapatti preparation table with 2 bottom shelves	Stainless Steel 16 swg top, underneath MS angle structure 1.5" dia SS pipe vertical with nylon adjustable bullets. Bottom shelves 2 nos made of 18 swg SS sheet.	Top 44"Lx24"Wx34"H	1			-
12	Idly steamer electrically operated with stand - 54 pieces / charge	SS body with proper steam leak proof gasket, 6-trays of SS inside of steamer, front openable door with insulation, with Gas burner fittings and control bottom water tank fitted with heater for steam generation with thermostatic control and water outlet valve. Water level gauge glass and water inlet connection fitted outside the body. SS angle shelf fitted inside the steam chamber with detachable idly preparation tray. Front leak proof door with rubber gasket fitting and locking lever. Verticals made of SS pipe with hard nylon adjustable bullet.	18"Lx18"Wx[24+12]"H	1			-

Sl. No.	Description	Specification	Size	Qty.	Rate	Amount Rs.	P.
13	Preparation table with sink	Top 16swg, with sink 54"Lx24"Wx[34+6]"H fitted with SS waste coupling & heavy duty C.I. Ball valve. Stainless Steel 16swg top & Sink, Top underneath M.S. angle structure and sound dead end paint. 1.5" dia SS pipe vertical with nylon adjustable legs. Bottom shelves made of 18swg SS sheet		1			-
14	Dough kneading machine - 7Kg/charge	16 swg SS bowl and SS arm made from square solid rods. Dough kneading - 7 kgs capacity 43"Lx19"Wx36"H (SC) 1/2 hp, three phase Motor.		1			-
15	Single sandwich griller	Body made of 18swg SS with spring loading lifting handle. Griddle plate made of Heavy duty cast iron corrugated machine polished plate with uniform heat distribution. Heating system of Specially made M Coil heater with thermostatic controlled Uniform heat & even colour.	43"Lx19"Wx36"H	1			-
16	Salamander	16" SS inner chamber, with Glass Wool insulation and outer 20"swg, SS rod shelf with wooden handle deattachable type, onespillage tray. Grill chamber - 22"Lx12"Wx10"H. In top two nos. infar Red Gas Burner fitted with individual control system.	32"Lx14"Wx19"H	1			-
17	Preparation table with 2 bottom shelves	18swg Stainless Steel. Top 16swg Stainless Steel pipe legs with bullet.	72"Lx24"Wx34"H	1			-
18	Cutting & Preparation table with 1 Bottom shelf	18swg Stainless Steel. Top 16swg Stainless Steel pipe legs with bullet.	72"Lx24"Wx34"H	1			-

Sl. No.	Description	Specification	Size	Qty.	Rate	Amount Rs.	P.
19	Cutting table with sink	Top 16swg, with sink fitted with SS waste coupling & heavy duty C.I. Ball valve. Stainless Steel 16swg top & Sink, Top underneath M.S. angle structure and sound dead end paint. 1.5" dia SS pipe vertical with nylon adjustable legs. Bottom shelves made of 18swg SS sheet	54"Lx24"Wx[34+6]"H	1			-
20	Wet table masala grinder - Capacity 5 lts	18swg SS body, grinding drum heavy duty reduction gear box, heavy duty grinding stone & coconut scraper with 1/2 hp motor.	23"Lx16"Wx(10+6)"H	1			-
21	Potato Peeler - 10 Kg/charge	Peeling chamber made of SS with food quality abrasive lining. Belt drive dynamic balance peeling disk. Water inlet and outlet provision in the peeling chamber. Stand made of SS paneling with Mild Steel angle structure and Stainless Steel tubular adjustable nylon bullet legs. Peeler of 5kgs charge with 0.5 hp, 220 v AC	30"Lx18"Wx30"H	1			-
22	Collection table with 2 bottom shelves	2 Bottom Shelf by 18swg Stainless Steel. Top 16swg Stainless Steel SS pipe legs with bullet	44"Lx24"Wx34"H	1			-
23	4 Door vertical duel Freezer - 1000 lts	Body made of SS steel interior with fixed angle brackets and die-punch pressed sheet fabricated shelf, exterior, door SS with thick glass wool insulation Doors are fitted with spring loaded locking arrangement. Refrigeration system of Direct cooling system. Compressor is a Hermetically sealed compressor of "Kirloskar" make. Temperature of Refrigerator is (+4deg C) to (+5deg C), Freezer is (-5deg C) to (-10deg C) Verticals of 38-mm dia 16 swg SS pipe with adjustable bullet. With capacity 1000 ltr.	56"Lx30"Wx84"H	1			-
24	SS angle rack - 4 shelves	18swg SS with 3 sides turned up & front turned down with perforated shelves 5 nos. Legs -14swg SS angle verticals with nylon bullet adjustable.	44"Lx16"Wx66"H	3			-

Sl. No.	Description	Specification	Size	Qty.	Rate	Amount Rs.	P.
<b>Service &amp; Wash Section</b>							
1	7 vessel service counter Bain Mari with Gastronorme Pan from Tray rail bellow bottom shelf for storage -	SS top with rectangular vessel resting, bottom water tank fitted with thermostatically controlled electric heater & water outlet valve. Surroundings the water tank thick insulation provided for minimum loss of heat. One side of the top three cylindrical vessel provided without Bain Marie, front side tray rail provided for service tray. Bottom shelf and three sides covering. Left end side of the counter provided warming case with middle shelf for cutlery and cookery warming. Vessel made of Rectangular SS vessel with lid. Two numbers 15 ltrs. capacity & five numbers 10 ltrs. capacity vessel. Verticals made of SS pipe with adjustable bullet.	105"Lx[24+9]"Wx34"H	2			-
2	Clean Plate storage rack with perforation	18swg SS with 3 sides turned up & front turned down with perforated shelves. Legs made of - 14swg SS angle verticals with Nylon Bullet Adjustable legs.	44"Lx16"Wx66"H	2			-
3	Dirty dish collection trolley	Top Tier made of 16swg. SS sheet with all 4 sides 6" turned up and bottom 2 tiers made of 18swg. SS sheet with all 4 sides 4" turned up. 1.5" dia SS pipe vertical with 6" dia. Castor wheels- "SWIVEL TYPE" with double Ball Bearing 1" dia SS pipe push handle fitted with top tyres for smooth functioning	36x24	1			-
4	Solid dish collection table with garbage chute	Top made of SS top with splash back & garbage chute. Mild steel angle top underneath structure. Verticals made of SS pipe with adjustable bullet & bottom cross bracing. Garbage Bin made of 304 grade SS sheet with lid. SS trolley on wheel	72"Lx24"Wx[34+6]"H	1			-
5	Pre wash Sink unit		54"Lx24"Wx[34+6]"H	1			-
6	Heavy Duty Dish Washing machine	Output sufficient to cater to 400 students for 4 meals. (Analysis and presentation to NIT required to justify usage of machine specified)		1			-

Sl. No.	Description	Specification	Size	Qty.	Rate	Amount Rs.	P.
7	Crate resting table /wiping table		3ftx2ft	1			-
8	Hot air ventillation system	Hoods: Island or wall mounted kitchen hoods SS sheet fabricated with hood light fitting. Filters to be of SS fabricated baffle type grease filters. Ducts made of galvanized sheet fabricated with Mild Steel necessary fittings and hanger and middle frame. Suction fixtures. To be based on layout supplied by fan blower or axial flow exhaust fans tenderer/ vendor. of required cfm. Number of hoods and length of ducts shall depend upon the layout of kitchen and pantry area supplied by the manufacturer. (Analysis and presentation to NIT required to justify usage of complete machinery and system specified)	Complete composite system consisting of ducts, fans, hoods,vents, filters, lighting and also all necessary fittings and fixtures. To be based on layout supplied by fan blower or axial flow exhaust fans tenderer/ vendor. of required cfm. Number of hoods and length of ducts shall depend upon the layout of kitchen and pantry area supplied by the manufacturer. (Analysis and presentation to NIT required to justify usage of complete machinery and system specified)	Set			
9	Fresh air intake system, Hood is made of GI sheet with diffuser pockets & louvres & fan of required cfm		Complete Set	Set			
10	5x2 =10 cylinder manifold system with all control fittings as per IOC RULES IS 6044 PART II			1			-
11	Water Cooler - 80 liters - Made of complete Stainless Steel with puff insulation and new series "Kirloskar" Compressor - with water purifler	Body made of SS interior, exterior & door with thick glass wool insulation. Doors are fitted with locking arrangement. Front water spillage box and imported water taps. Compressor made of "Kirloskar" make. Verticals made of SS pipe with adjustable bullet.	19"Lx19"Wx57"H	2			

Sl. No.	Description	Specification	Size	Qty.	Rate	Amount	
						Rs.	P.
12	SS Gratings for drainage system	Drainage system made of SS Gratings 8" W x 1" H. Necessary floor traps, grease traps, filters, pits etc required for functioning of kitchen and pantry area. Length of pipes and gratings, sizes of pits, sizes of filters, sizes and number of grease traps and all necessary fittings and fixtures etc shall depend upon the layout for kitchen and pantry to be provided by the supplier/ tenderer.	Complete drainage system	Set			

**ALL QUOTATIONS ARE TO BE SUBMITTED ALONG WITH SHOP DRAWINGS AND THE COMPANIES PROPOSAL AND LAYOUT FOR INSTALLATION OF EQUIPMENT TO BE SUBMITTED. PHOTOGRAPHS AND DRAWINGS OF EACH EQUIPMENT MUST ALSO BE ATTACHED ALONGWITH. ARCHITECTURAL DRAWINGS \* ARE AVAILABLE ALONG WITH THE ABOVE SCHEDULE OF QUANTITIES WHICH MAY BE USED FOR PREPARATION OF ABOVE DRAWINGS. ALL DOCUMENTS ARE TO BE SUBMITTED IN TRIPLICATE. ALL AMOUNTS/VALUES MUST BE ALPHABETICALLY SPELT OUT WHEREVER MENTIONED BY THE COMPANY.**

**PLEASE NOTE THAT THE SIZES MENTIONED ARE INDICATIVE AND MAY VARY FOR DIFFERENT BRANDS. \* THEREFORE ALL EQUIPMENT MUST BE INDICATED AND FITTED IN DRAWINGS WITH RELATED SHOP DRAWINGS TO JUSTIFY UTILISATION OF SPACES.**

**ALL EQUIPMENT IS TO BE SUPPLIED, INSTALLED, TESTED AND COMMISSIONED AS PER IS CODES AND ANY OTHER RELEVANT CODES. ALL COSTS SHALL BE INCLUSIVE OF ALL RELATED ASPECTS INCLUDING \* CIVIL, SANITARY, ELECTRICAL WORKS. RELATED COSTS INCLUDING TRANSPORTATION AND TAXES/SALES TAXES ETC ARE TO BE TAKEN INTO ACCOUNT.**



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	<p><b>A PRESENTATION TO BE MADE TO THE NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA. A DATE SHALL BE FIXED IN ADVANCE WITH PRIOR INTIMATION TO NIT, ROURKELA. PRESENTATION MUST</b></p> <p><b>* INCLUDE: A) PROPOSED LAYOUT B) PHOTOGRAPHS AND DRAWINGS OF EACH EQUIPMENT PROVIDED. C) ANALYSIS AND JUSTIFICATION OF MACHINARY SUGGESTED. D) ANY OTHER DATA THAT MAY BE RELEVANT.</b></p> <p><b>ALL WARRANTIES FOR COMPRESSORS, VALVES, SWITCHES, MOTORS, HEATERS, THERMOSTATS,</b></p> <p><b>* ELECTRICAL ELEMENTS, PRESSURE GAUGES, BURNERS OTHER RELATED COMPONENTS ETC TO BE ATTACHED ALONGWITH.</b></p>						
<b>Total :-</b>							-