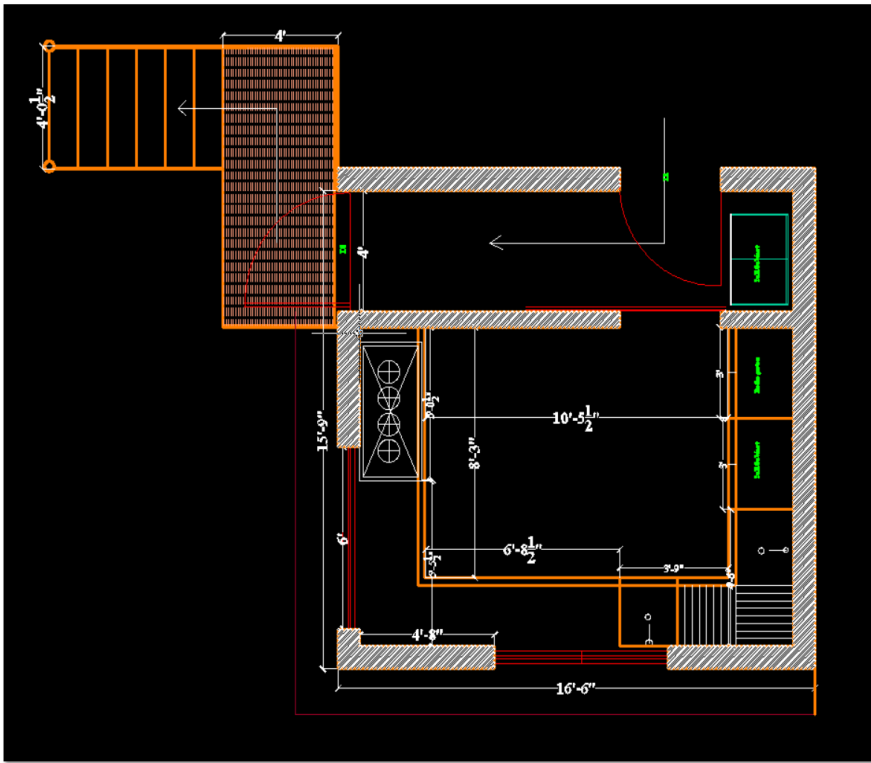


Annex B- BILL OF QUANTITIES							
NOTE: A Site Visit is mandatory to understand the scope of work.							
S.NO	DESCRIPTION	NO	LENGTH (FT)	WIDTH (FT)	H/D (FT)	QUANTITY	UNIT
A	Dismantling:						
1	Removal of existing Kitchen PVC cabinets (18 x 3 feet) , top Granite shelf (18 x 2.5 feet), and removing false ceiling (15x15 feet) including all plumbing pipes as per instruction , hand over material and to prepare site for a new kitchen as per provided drawings.	1.00				1.00	Job
2	Dismantling brickwork in lime or cement mortar greater than 9"width	1	36	1	4	108	CFT
3	Dismantling G.I roofing sheet including removal of joints ,wooden frame and G.I sheet wall including windows and doors complete in all respected ,hand over material and prepare site for a new consturction						
	Roof	1	15	15	x	225	
	walls	1	30	x	8	240	
	Doors	3	4	x	7	74	
	Total					539	SFT
4	Dismantling floor tiles in third floor including base mortar and staking salvaged material (serviceable) and disposing of surplus stuff as directed from site to preapre site for a new consturction	1	15	15	x	225	SFT
5	Cutting and Dismantling prefab wall 100 mm thick no damaged to the wall and remaking the corner to preapre opening for windows and doors and Remaking the doors opening with same material and supported by wooden strap of 4x2" as per instruction of site incharge.					220	SFT
B	Construction						
6	Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi-2000psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing Above 4.5" (115mm) nominal thick brickwork Cement sand 1 : 4						
	walls	1.00	15.00	0.75	11.50	129	
	walls	1.00	15.00	0.75	11.50	129	
	Partetion	1.00	15.00	0.38	11.50	65	
	Closing,door and windows	1	5	1	7	26	
	Deduction door and windows						
	Doors	1	4	1	7	-21	
	windows	2	6	1	5	-45	
	Total					284	CFT
7	Providing and laying 1:2:4 cement concrete Roof beam using #6 Nos of steel @ 4/8 and ring of #3 @6"c/c using crush stone 19mm (3/4") and down gauge in Roof Beam including formwork and its removal compacting and curing in basement and ground floor.						
	Beam	4.00	64.00	0.75	0.75	144.00	
	Door band on Door and windows	1.00	24.00	0.75	0.75	13.50	
	Total					158	CFT
8	Construction of Girder, T-Iron & tile Roof as per drawings provided. # 5 girder 18 lengths size 8x6 inch 3mm thick weight 3 kg per feet, # 20 Nos of 18 feet length t-iron 3mm thick weight 1.5kg per geet # Burnt brick tile size 12 x 6x1.5 inch # two columns using 6 bar of 4/8 length 12 feet with existng columns # concrete layer 3 inch thick with ratio 1;2;4 using chemical treatment Including the price of paint work of grider, t-iron with redoxide and oil paint. and roof brick protection layer around for proper slop and water pipes connected to main sewage pipe line as per site engineer instruction	1	18	18		324	SFT
9	3/8 inch (9.5mm) thick cement plaster using Coarse Sand on walls and columns in including making edges, corners and curing. Internal and external as per instruction. Ratio 1:3						
	walls 9" double side	4	15		11	660	
	wall 4 inch double side	2	15		11	330	
	walls external	2	18		12	432	
	Water Tank exterior side (seepage)	4	15		8	480	
	Total					1,902	sft
10	Providing and fixing factory made uPVC door & windows 30 mm thick factory made Polyvinyl Chloride (UPVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (± 0.2 mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size. 25x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 mm and 2 mm (± 0.2 mm) wall thickness fixed to the shutter styles by means of plastic/ galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness . The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, door with hinged and windows as sliding using Acrylic glass 6mm thick complete as per the manufacturer's specification and direction of Engineer-in-charge approval.						
	Door	1	4.00		7.00	28	
	Door sliding	1	3.50		7.00	25	
	windows	2	6.00		5.00	60	
	Cafiteria Windows	2	6.00		3.00	36	
	Total					113	SFT

11	Roller Blind: Providing and fixing of imported fabric Roller blinds With all hardware and smooth operating imported roller rods of approved shade and quality complete in all respect. Colour and design to be finalized later as per approved by in charge					156	Sft
12	Providing and fixing 1/4" to 3/8" (6mm to 9mm) thick non-skit Ceramic Glazed/Matt tiles size of 1.5 x 3 feet (Prime Quality) of approved colour and size, as directed by Engineer-in-Charge floor over and walls 1/2" (13mm) thick base of cement mortar 1:3, setting of tiles in slurry of grey cement over mortar base including filling the joints and washing the tiles with white cement slurry of matching color, cleaning & curing.						
	Flooring	1	15	15		225	
	inside kitchen walls deducting windows and doors	1	62	1	10	511	
	cooridoor	1	15	1	8	120	
	Inside water Tank & walls	1				510	
	Total					1,366	SFT
Complete Plumbing for Kitchen Plumbing works							
13	Providing and fixing of civic 1" dia plumbing pipes connecting with main overhead tank and gyzer and filter, along with necessary elbows, Tee-joint,expansion joints.					250	RFT
14	Providing and fixing of 4" dia sewage pipes with floor drain trap along with necessary elbows,P trap ,Tee-joint,expansion joints & pipe saddles, and connecting with mainhole on ground floor 40 feet below as per instruction. Make: CIVIC or equivalent					120	RFT
15	Supply and instal 35 gallons electric geyser complete in all repect including plumbing and electirc connection as per site required. Make : NASGAS ,Super Asia, BOSS or equivalent					1	No
15	Providing and fixing tiled false ceiling of size 595x595 mm metal grid of hot dipped galvanized steel sections. GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm with 20% area perforations as per the manufacturer's specification and direction of Engineer-in-charge approval.	1	15	15		225	SFT
C	Eletric work						
16	Concealed/open wiring for two way light points such that two light points are controlled by 2 numbers two way switches and length from switches to point is upto 40 ft. (12.5 m) with 3x1.5sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables concealed wiring with 3/4" (20 mm) dia. PVC conduit andaccessories such as bends, elbows, junction boxes etc. including requiried switches connection with main board as per instrucion Cable Make: Pakistan Cables/Universal Cables/Fast Cables/Unicore Cables or equivalent	8				8	Points
17	Wiring of 5 Amps. socket outlet with 4 sq.mm PVC insulated single core copper conductor cable including 3/4" (20mm) dia. PVC conduit, 8.7sq.mm (10SWG) copper wire as earth continuity conductor and wiring accessories such as bends, elbows, junction boxes etc. Cable Make: Pakistan Cables/Universal Cables/Fast Cables/Unicore Cables or equivalent	6				6	Points
18	Supply and install combined 2/3 pin 5 Amps, 250 Volt switch socket unit including plastic box to be fixed recessed in wall. Multi Plug Multi switch, 10A, 250 V, including PVC/steel back box with proper screws, Supply & fixing. (The quality or selection of this item should be decided after approval	6				6	No
19	Supply and Install wall Mounted Split Air Conditioners invertor Energy Saver Model 1.5 Ton Energy efficient solar comortable as per approval complete in all respect with insatlation Make: Gree /Orient ultron or equivalent	1				1	Job
20	Supply and install 20" sweep exhaust fan for hight presure machine sucking power for dense smoke including louvers Covers and ducking inside ceiling or wall.	2				2	Each
21	Ceiling Fan/Cassette Fan Supplying & fixing of cassette type fan 24" X 24" with copper winding & remote control, including connection, provision of cable best quality. Fan Make: Voldam Fans/Pak Fans/Royal Fans	2				2	Each
22	Down Lights Supply and fix Marcasite 18 Watt LED downlights 150mm 8 inch dia complete in all respect (Kitchen & Cafeteria) Make: Phillips or equivalent Colour: Warm Light	24				24	Nos

23	Providing and fixing Bent Plate Monostringer Stairs M.S angle iron stair case (8 feet x 4 feet) fixed on strong girder frame and 8 steps iron stair 4 feet wide with complete side hand rails edge protector nozing for steps of stairs having hold fast of 1/4" dia M.S. bars 6" long welded at 10" c/c or 8 Nos. in each step welded well and foundation embedded in cement concrete on roof specification and direction of Engineer-in-charge approval..	1				1	Job
24	Providing and fixing of 2 mm thick Flat UV Stabilized Fiber Glass Reinforced Plastic Sheet roofing upto required pitch i/c fixing J or L hooks, bolts & nuts 8 mm dia including frame paint block color oilpaint. as specified and direction of Engineer-in-charge approval..						
Windows		2	6			3	36
Stair case		1	8			4	32
Total							68
							Sft
25	New Wooden Flooring Supply and fix PVC 5mm SPC flooring sheets tiles in complete in all respects in color and design as per instruction of site in charge Cafeteria					200	SFT
26	Providing and fixing Solid PVC wall Panelling 9" wide and 10 ft long including all accessories of approved design in any color, shade, and pattern in Cafeteria as per instruction of the site in charge					1,180	Sft
27	Water Mat Finishes Scraping of existing water mat color of the interior walls. Providing and applying prime coat including the finishing coats of water mat exterior surfaces color on wood work such as timber work in ceiling/partition wall/timber boarding etc of any description, as specified. Make: (ICI/Nippon Paint or Equivalent)					1,050	SFT
28	Applying weather resistant paint coating such as ICI/ Berger orequivalent paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning, scaffolding and removal of debris.Three coats (@ atleast 1.75 Litre per 10 Sq.m) Make: (ICI/Nippon Paint or Equivalent)					1,200	SFT
29	Providing and Fixing 3/4"(19mm) thick Stone cladding on interior and exterior wall and cladding including with cement sand mortar 1:3 complete in all respects.					300	SFT
D Supply of Kichen stainless stain Features							
Provision and installation certified AISI 304 Stainless steel metal alloy features nonmagnetic : Composition: Chromium 18%, Nickel 8%, Carbon <0.08%, Excellent resistance to most oxidizing acids and corrosion,polished to a high shine,Thickness: 18-20 gauge (1.2mm - 1.0mm) counter top must be 1.5mm thick for durability and sound insulation and withsatand high temperatures. ASTM A240 Including completion installation, unloading fixing. Recessed handle door ,Ego hinging pivot,reinforced using honeycomb aluminium panels, the recessed kitchen plinth (by up to 200 mm) completed fixed or moveable as per drawing and approved		Size (W x D x H)					
1	Cooking Range 4-Burner (11"x11") Under with Oven Thickness: Typically 16-1.5mm		52"x24"x35"			1.00	No
2	Exhaust Hood With SS Grease Filters & Oil Pocket Without Duct & Blower. Thickness: 18 gauge (1.2mm)		52"x28"x24"			1.00	No
3	Working Table Under Cabinet With Double Shelve. Thickness: 18 gauge (1.2mm)		68"x24"x35"			1.00	No
4	Working Table Under Cabinet With Double Shelve. Thickness: 18 gauge (1.2mm)		82"x24"x35"			1.00	No
5	Working Table Under Cabinet With Double Shelve Thickness: 18 gauge (1.2mm)		44"x24"x35"			1.00	No
6	Washing Sink Single Bowl Under Cabinet. Thickness: 18 gauge (1.2mm)		45"x24"x35"			2.00	No
7	Working Table Under Cabinet With three drawers. Thickness: 18 gauge (1.2mm)		56"x24"x35"			1.00	No
8	Stainless Steel Plate Storage - Plate Rack & Dish Rack Holder Stainless Steel Kitchen Rack. Duple shelves with Thickness: 18 gauge (1.2mm)		48"x24"x35"			1.00	No
9	Tall Cabinet With 4-Levels. Thickness: 18 gauge (1.2mm)		30"x24"x80"			2.00	No



Kitchen Plan



UPVC DOORS



UPVC DOORS



UPVC WINDOWS



Ceiling

