

Annexure II: Schedule of Quantities			
NIQ No.: IITT/PC/NIQ/58/2022-23, Dt. 02.03.2023			
Name of the Work:- Construction of Culinary room facilities for four (4) student rooms in Hostel-01 at IIT Tirupati Permanent Campus.			
S.No	Description of Work	Unit	Qty
1	Brick work with fly ash concrete blocks of class designation M10 in superstructure above plinth level up to floor V level in all shapes and sizes in :		
	Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	2.00
2	12 mm cement plaster of mix : 1:4 (1 Cement : 4 Fine sand / coarse sand / M sand)	Sqm	13.00
3	Providing & applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	13.00
4	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade with two or more coats.	Sqm	13.00
5	Providing precast cement concrete slab 75mm thick 1:2:4 (1 cement : 2 coarse sand / M sand : 4 graded stone aggregate 6 mm nominal size), reinforced with 8 mm dia steel, including centering and shuttering, roughening cleaning, fixing and finishing in cement mortar 1:3 (1 cement: 3 fine sand) etc.complete	Sqm	6.00
6	Providing and fixing 18 mm thick gang saw cut, mirror polished, pre-molded and pre-polished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch-ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.		
	Granite stone slab colour black, Cherry/Ruby red	Sqm	6.00
7	Extra for providing opening of required size & shape for wash basin/kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stonework, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	Each	4.00
8	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :		
	Kitchen sink without drain board: 610x460 mm bowl depth 200 mm	Each	4.00



S.No	Description of Work	Unit	Qty
9	Cutting holes of required size in brick masonry wall for fixing of exhaust fan including providing and fixing 300 mm dia PVC pipe conforming BIS-12818 and making good the same etc. complete as per direction of Engineer-in-charge.	Each	4.00
10	Supply and Fixing exhaust fan 230mm sweep, 1400 rpm with Louvers suitable for working on 230 Volts 50 Hz and connecting up including provision of cable with multistranded copper conductor cable of size 0.75 Sqmm from ceiling rose to connector of exhaust fan and connecting up complete all as specified and as directed Make : Almoured / Havells / Bajaj	Each	4.00
11	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	20.00
12	Providing and fixing of swan neck mixer and tap for steel sink (Hindware, Parryware, Jaguar make) or other approved equivalent make including cost of all material, labour charges etc.	Each	4.00
13	Providing and fixing C.P. brass angle valve for basin mixer of approved quality conforming to IS:8931		
	15mm nominal bore	Each	4.00
14	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.		
	20 mm nominal dia Pipes	Rmt	48.00
	50 mm nominal dia Pipes	Rmt	48.00
15	Providing and fixing Pre-laminated flat pressed 3 layer (medium density), with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked, in		
	18 mm thick, size 1.20m x 0.85m	Sqm	6.00
16	Providing & fixing Brass mortice latch 100x65mm with a pair of brass lever handles	nos	4.00
17	Providing & fixing Brass handles 100 mm with plate 150x32 mm	nos	8.00
18	Providing & fixing Soft hinges	nos	16.00

