

Annexure II: Schedule of Quantities

NIQ No.: IITT/PC/NIQ/54/2022-23, Dt. 18.01.2023

Name of work:- Construction of raised platforms for CSE & CC labs in Department Block – 2 at IIT Tirupati Permanent Campus.

S.No	Description of Work	Unit	Qty
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.		
	For thickness of tiles 10 mm to 25 mm	Sqm	21.00
2	Brick work with non modular fly ash bricks conforming to IS:12894, class designation 10 average compressive strength		
	Cement mortar 1:6 (1 cement : 6 Coarse sand)	Cum	2.50
3	Supplying and filling with brick bats in layers of 100mm thick under floors, including watering, ramming and dressing etc., complete as per the instructions of the Engineer In-Charge	Cum	6.50
4	20mm thick cement mortar 1:6 (1 cement : 6 Coarse sand) over the brick bat filling	Sqm	32.00
5	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.		
	50mm thick with 20 mm nominal size stone aggregate	Sqm	32.00
6	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @ 3.3 kg / sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.		
	Double charge vitrified tile polished finish of size 600 x 600 mm	Sqm	27.00
7	Providing and laying gang saw cut 18 mm thick, mirror polished premoulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in flooring, laid over 20mm thick base of cement mortar 1:4 (1cement : 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge.		
	75mm wide Granite Band	Sqm	3.00
	Vertical Face	Sqm	9.00

