

Annexure II: Schedule of Quantities

NIQ No.: IITT/PC/NIQ/59/2022-23, Dt. 06.03.2023

Name of the Work:- Site development works for setting up of Per-fab Containers and a Children's Park near the Residential Zone at IIT Tirupati Permanent Campus.

S.No	Description of Work	Unit	Qty
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.		
	All kinds of soil.	Cum	45.00
2	Surface dressing of the ground including (removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. also including) ramming and watering of the earth.		
	All kinds of soil.	Sqm	300.00
3	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	Cum	60.00
4	Supplying and filling in plinth with river sand under floors, including watering, ramming, consolidating and dressing complete.	Cum	40.00
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :		
	1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	Cum	3.70
6	Brick work with non modular fly ash bricks conforming to IS:12894, class designation 10 average compressive strength in super structure above plinth level		
	Cement mortar 1:6 (1 cement : 6 Coarse sand)	Cum	7.00
7	12 mm cement plaster finished with a floating coat of neat cement of mix		
	1:4 (1 cement: 4 fine sand)	Sqm	55.00
8	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :		
	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size de rived from natural sources)	Cum	6.83



S.No	Description of Work	Unit	Qty
9	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.		
	Hot rolled deformed bars	Kg	236.23
10	Laying old cement concrete interlocking paver blocks of any design/ shape laid in required line, level, curvature, colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge. (Old CC paver blocks shall be supplied by the department free of cost).	Sqm	60.00
11	Dry stone pitching 22.5 cm thick including supply of stones and preparing surface complete.	Sqm	60.00
12	Supply, Installation, Testing & Commissioning of max. 60W LED, 5700 K with minimum lumen output of 7200 lumens, street light luminaries IP:66 made out of die cast Aluminium housing with corrosion resistance powder coating using nano technology in approved colour, heat resistant and toughened glass cover, gasket including accessories like copper ballast etc. complete as required to fit at site	Nos	6.00

