

Annexure II: Schedule of Quantities

NIQ No.: IITT/PC/NIQ/49/2022-23, Dt. 12.12.2022

Name of work:- Constructions of concrete pedestals for K-Lite Street Light Poles in the playground and near new class room and other miscellaneous works at IIT Tirupati 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	60.00
2	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	Cum	0.50
3	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	0.50
4	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 derived from natural sources)	Cum	3.00
5	Centering and shuttering including strutting, propping etc. and removal of form for		
	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	24.00
6	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	105.00
7	12 mm cement plaster finished with a floating coat of neat cement of mix:		
	1:4 (1 cement: 4 fine sand)	Sqm	24.00

S.No	Description of Work	Unit	Qty
8	Supply, Fabrication, transportation, delivery at site and erection, installation and alignment of mild steel foundation Anchor bolt of approved size assembly in concrete along with nuts, lock nuts (as per IS:1363, 1364 and IS:3138), washers including welding, cutting, grinding, threading, drilling etc. all complete.		
	M20 - 700 Long Anchor Bolts	Kg	49.00
9	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.		
	16mm Thk. Base Plate	Kg	141.00
10	Providing and fixing Polyvinyl Chloride (PVC) pipe, complete as per direction of Engineer in Charge.		
	125mm Dia. PVC Pipe for Cable Entry	Rmt	14.00
11	Providing, laying and joint welding of HDPE pipes with necessary tools and tackles etc. complete as per the directions of Engineer-in-charge.		
	50mm ϕ HDPE pipe	Rmt	450.00
12	Providing and fixing ball valve (Brass) of approved quality, high or low pressure, with plastic floats complete: 50mm nominal bore	Nos	5.00
13	Providing and fixing of HDPE Tee 50mm dia. with collar with fixing through welding the joints etc. complete as per the direction of Engineer in charge.	Nos	5.00
14	Providing and fixing of G.I. Clamps for 50mm dia. HDPE pipe. complete as per the direction of Engineer in charge.	Nos	50.00
15	Providing and fixing Poly Vinyl Chloride (PVC) 3M Frosted Glass Film, Thickness: 120-140 Micron, complete as per the direction of Engineer in Charge.		
	DB2 - Female Toilet - Window Glass	Sqm	29.00

Signature of the Contractor with Seal

