

CSIR-NORTH EAST INSTITUTE OF SCIENCE & TECHNOLOGY
(Council of scientific and industrial research)

NAME OF WORK : Supplying, installation, commissioning and testing of Security light tower at CSIR-NEIST, Jorhat

Sl No	Particulars of the item	Qty	Unit	Rate in figures in	Rate in words	Amount in Rs.
1	Supplying installation testing and commissioning of MS angle 4 pole light tower of following specifications as specified and directed by department. (i) Tower Height : 30 Feet (ii) Tower Base area : 1.5 x 1.5 sq.ft (Equal size from bottom to top) (iii) Tower leg : 4 Nos. (iv) Leg MS angle size : 50 sq.mm x 5 mm for first 10 feet, 40sq.mm x 5mm for second 10 feet and 30sq.mm x 5 mm for third 10 feet and appropriate size cross arms at an interval of 2 feet or less to make the tower strength high.Top of the tower should have iron platform with all side railing for the workers safety. (v) 2 x 2 sqft x 12 mm thick MS base plate complete 16m dia 2 feet length nut & bolts (vi)1.5 inch dia GI pipe light arms complete with all necessary bend etc.-4 Nos. (vii) 2 x 2 sq.ft size RCC pillar (viii) PVC cable junction box including MCB rail with 4 numbers single pole B-series MCB (ix) Painting with 2 coats red oxide primer and 2 coats rain proof silver paint	3	Each			
2	Supplying installation testing and commissioning of 1 x 72 watt LED out door light complete with control driver and necessary connection as required. Havells Endura Cityliner Make	12	Each			
3	Supplying and laying of 2 x 16 sq.mm. size PVC insulated and sheathed aluminium stranded armoured underground cable laid in ground/partially in air including excavation of cable trench up to 30cm x 75cm depth refilling, protecting brick covering , sand cushion etc complete handling surplus soil in proper place and proper size of cable lug, cable arrow mark as specified and directed by department. (Havells/Finolex Make)	220	Mtrs			
4	Supplying and drawing of 2 x 2.5 sq.mm + earth continuity with 1 x 1.5 sq.mm single core copper wires on surface 20 mm dia 2 mm thick rigid PVC conduit complete as required. (Finolex/Havells Make)	120	Mtrs			
	Total tender cost in Rs.					

NB: Rate must be written both figures and words