

PRICE SCHEDULE (BOQ)

PROJECT:- 6.5 MWp (DC) SOLAR POWER PLANT AT NALANDA UNIVERSITY

NAME OF WORK:- Civil & associated work for the 6.5 MWp (DC) Solar Power Plant at Nalanda University – Rajgir, Bihar.

S.No.	Description	Unit	Qty	Unit Rate	Percentage contribution	Total Value
EARTH WORK						
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.					
	All Kind of soil	CUM	925.15	0.00	1.59%	0.00
2	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.	SQM	1960.00	0.00	0.45%	0.00
	All Kind of soil					
3	Filling available excavated earth (excluding rock) in trenches, plinth,sides of foundations etc. in layers not exceeding 20cm in depth,consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	CUM	112.50	0.00	0.23%	0.00
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
	1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)- Piling	CUM	513.13	0.00	34.94%	0.00
	1:2:4 (1 Cement : 2 coarse sand :4 graded stone aggregate 20 mm nominal size)- Road	CUM	196.00	0.00	12.56%	0.00
	1:3:6 (1 Cement : 3 coarse sand :6 graded stone aggregate 20 mm nominal size) - Fencing Foundation	CUM	23.59	0.00	1.39%	0.00
5	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. Shuttering over FGL	SQM	1140.29	0.00	3.31%	0.00
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation upto plinth level :					
	Cement mortar 1:6 (1 cement : 6 coarse sand)	CUM	130.35	0.00	7.58%	0.00
7	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	KG	7183.968	0.00	5.87%	0.00
8	12 mm cement plaster of mix 1:6 (1 cement: 6 fine sand)	SQM	981	0.00	2.36%	0.00
9	Making bajri path including preparation of subgrade, supplying and laying brick aggregate of 50 mm nominal size 7.5 cm deep with blinding material consisting of 12 mm moorum and 12 mm red bajri consolidated with road roller.	SQM	900	0.00	1.58%	0.00
10	Supplyng & Stacking at site 63 mm to 45 mm size stone aggregate	CUM	294	0.00	4.26%	0.00
11	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete.	SQM	2919	0.00	15.71%	0.00
12	Providing and fixing G.I. pipes complete with G.I. fittings including Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc., alongwith pumpset. 15 mm dia nominal bore	RMT	1300	0.00	3.00%	0.00
13	Providing and fixing ball valve (brass) /angle valve of approved quality, High or low 15 mm nominal bore	Nos.	12	0.00	0.04%	0.00
14	Levelling & Compacting of earth surface by:- Hire charges of Diesel Road Roller - 8 to 10 tonne Hydraulic Excavator (3D) with driver and fuel	Day Day	10 10	0.00 0.00	0.38% 0.88%	0.00 0.00
15	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required.	Nos.	18	0.00	1.01%	0.00
16	Providing & fixing 2 window FRP security cabin having size of 4 ft x4 ft x7ft alongwith electrical fittings & other features as per specification.	Nos.	1	0.00	0.44%	0.00
17	Supply of G.I. Tubular Street light pole (7 Meter long) with all accessories such as LED light, Cable, MCB, Switches etc.	Nos.	18	0.00	2.43%	0.00
(A) Total Amount (Excluding GST)						0.00
(B) GST						
(C) Total Amount (A+B)						0.00