

**Scheduled of Quantities (SOQ) (NFN/CIVIL/650/2024)****Annexure - I-B**

Name of Work : "Construction of Civil Foundations for various Equipment / Machines for proposed Sulpher Coated Urea in Bagging-II Plant inside Factory Area of NFL Nangal Unit".			
Sr. No.	Description of work	Unit	Quantity
1	Carriage of Materials by Mechanical Transport including loading,unloading and stacking upto 1 KM. (Anywhere within F/Area).		
	i) Lime, moorum, building rubbish.	Cu.m.	300.00
2	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.	Cu.m.	600.00
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 up to 50 m and lift upto 1.5 m.	Cu.m.	200.00
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :		
	i) 1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size).	Cu.m.	50.00
	ii) 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size).	Cu.m.	100.00
5	Centering and shuttering including strutting, propping etc. and removal of form work for :		
	i) Foundations, footings, bases for columns, floor sides etc.	Sq.m.	550.00
6	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 :		
	i) 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)	Cu.m.	200.00
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.		
	i) Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg.	14000.00

Sr. No.	Description of work	Unit	Quantity
8	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand).	Cu.m.	50.00
9	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	Cu.m.	10.00
10	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand).	Sq.m.	100.00
11	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand).	Sq.m.	100.00
12	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge. - Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	Cu.m.	20.00
13	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	Cu.m.	20.00
14	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. - In cement mortar.	Cu.m.	10.00
15	Assisting in executing various job un-susceptible to measurement and other work which are not including in any items stated above/ scope of works as per instructions of the Engineer-in-Charge.		
	i) For this purpose, contractor has to deploy one Skilled Labour along-with all requisite tools & tackles for one day (For 8:00 hour), which will be treated as one unit of each operation.	Each Operation	20.00
	ii) For this purpose, contractor has to deploy one Un-skilled Labour along-with all requisite tools & tackles for one day (For 8:00 hour), which will be treated as one unit of each operation.	Each Operation	20.00

(Signatur of Contractor  
with Rubber Stamp)

(Rajesh Kumar)  
Chief Manager (Civil)