

GST Compliant BOQ for Protection work of Boundary Wall at Panchkula Substation of POWERGRID

Sl. No.	SAP Service Code	HSN Code	GST Percentage	DSR 2023 Item No.	Description of Item	Units	Quantity
1				2.6	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 for all lift, as directed by Engineer-in-charge.		
a	120000345	995433	18%	2.6.1	All kinds of soil	cum	536.000
2	120000391	995433	18%	2.25	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 and for all lift.	cum	262.000
3	120000392	995433	18%	2.25(a)	Excavating, supplying, stacking 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 foundation trenches, plinth, sides of foundation etc. complete for all lift.	cum	144.000
4				4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :		
a	120000442	995454	18%	4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	0.975
5				5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement- All works upto Plinth level.		
a	120000488	995454	18%	5.1.2	1:1.5:3 (1 Cement : 1.5 Coarse sand : 3 graded stone aggregate 20 mm nominal size)	cum	1.725
6				5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :		
a	120000492	995454	18%	5.2.2	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	3.000
7				5.9	Centering and shuttering including strutting, propping etc. and removal of form for		
a	120000499	995457	18%	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	sqm	1.500

b	120000500	995457	18%	5.9.2	Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.	sqm	48.000
8				5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, binding and placing in position complete.		
a	120000543	995454	18%	5.22.6	Thermo-Mechanically Treated bars	kg	280.630
9				7.1	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with :		
a	120000657	995456	18%	7.1.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	45.400
10	120003320	995421	18%	16.94	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of $\pm 2\%$) Zinc coated, Mesh wire diameter 3.0 mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2 mm, supplied @ 3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge.	cum	1950.750