

BOQ (FOR REFERENCE PURPOSE ONLY) - Supply, Fabrication & Installation of MS Gate, MS Grill for theft protection in Open store & GIS Store at 765/400 KV Aligarh GIS

	Item No.of DSR 2023	Activity Description	Description of Items	Unit	Qty
1	2.8.1	2.8.1 EXCAVATION IN FDN TRENCHES W<1.5M	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m inwidth or 10 sqm on plan), including dressing of sides and ramming ofbottoms, lift upto 1.5 m, including getting out the excavated soil anddisposal of surplus excavated soil as directed, within a lead of 50 m.:All kinds of soil	cum	1.08
2	2.25	2.25 FILLING AVAILABLE EXCAVATED EARTH	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 50m and lift up to 1.5m	cum	0.41
3	4.1.8	4.1.8 CC 1:4:8 <PL COARSE SAND&CA-40MM	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	cum	0.14
4	4.1.3	4.1.3 CC 1:2:4 UPTO PLINTH LVL 20MM AGGR	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 cement : 2 coarse sand (zone-III): 4 graded stone aggregate 20 mm nominal size)	cum	0.53
5	5.9.6	5.9.6 FORM WORK FOR COLUMN, PILLAR, PIER	Centring and shuttering including strutting, propping etc. and removal of form for: columns, pillars, piers, abutments, posts and struts.	sqm	0.65
6	5.22.6	5.22.6 REINFORCEMENT STEEL - TMT BARS	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level:Thermo-Mechanically Treated bars	Kg.	451.73
7	10.25.2	10.25.2 STEEL WORK WELDED-GRATING, FRAME	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. In gratings, frames, guard bar, ladders, railings, brackets, gates & similar works. :	Kg.	2693.82
8	13.62.1	13.62.1 SYNTHETIC ENAMEL+ORDINARY PAINT	Painting with synthetic enamel paint of approved brand and manufacture of required colour to given an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	SQM	60.20
9	15.2.1	15.2.1DEMOLISHING CC 1:3:6 OR RICHER MIX	Demolishing cement concrete manually / by mechanical means including disposal of material with in 50M lead as per direction of Engineer-in-Charge. Nominal concrete 1:3:6 or richer mix (including equivalent	cum	0.36