


RATE OF CIVIL WORKS FOR 2016-17

Part A

S.No.	Particulars	Unit	Rate (Rs.)
1.	Providing & fixing of precast RCC post (1:2:3) size of bottom section 125x125 mm and top section of 100x100 mm 1.85 m long with metal of maximum size 12.5 mm placed at 2.0 m centre to centre, corner and every 10 th post to be strainer post and strutted with struts of 1.95 m length embedded in CC 1:5:8, 30x30x60 cm and strainer post in CC 1:5:8, 40x40x60 cm the bottom of the foundation to be 10 cm below the post embedded in C.C. 1:5:8 of 60x60x45 cm including excavation and providing 6 horizontal rows and 2 diagonal rows of barded wire complete as per the direction of Engineer-in-charge.	100 RM	44000.00
2.	Providing, fabricating & fixing iron gate 3.26x1.8 m (weight approx 300 kg) in RCC column of size 40x40 cm with suitable reinforcement. The iron gate shall consist of MS plate & MS bars as per standard drawing framed by Engineer-in-charge including welding of MS channel 100x50 mm for rollers to be fixed for opening of p gate 2 no. 50 mm dia shall be provided with gate including 03 coats of painting etc. complete as per direction of Engineer-in-charge.	Each	44000.00
3.	Supply & fixing un climbable galvanized steel chain link mesh fencing conforming to latest relevant IS code opening size 75x75 mm, 2.4 m height made of 8 SWG GI wire fixed to MS angle post of size 65x65x6 mm, 2.85 m above GL/Yard level, embedded 700 mm in CC 1:3:6 (400x400) mm below GL at 2.5 m centre to centre and 20 cm thick (200 mm height, above GL and 200 below GL) brick masonry in plinth & foundation with cement mortar 1:6 including diagonal struts at corner and at every 7 th post of angle 65x65x6 mm and horizontal bracing of MS angle of 45x45x6 mm at top and bottom between each vertical post including painting with Aluminum painting with 2 coats on posts struts and chain link mesh 75x75x8 SWG mm size complete & providing and fixing 3 rows of barded wire minimum weight 9.38 kg per 100 RM etc complete, as per direction of Engineer-in-charge.	100 RM	330000.00
4.	Providing and placing in position M-20 (1:1.5:3 RCC) excluding cost of reinforcement, form work but including vibration, finishing, curing and cleaning etc. complete with graded metal of maximum size 20 mm.	Cum	4700.00
5.	External services viz. providing 150 mm dia 70 m-100m deep bore well with suitable pump and concrete platform with drainage facility. Construction of approach road to control room & staff quarters (3.75 m wide WBM road) and 100 m long road side drains & culverts along with drains for control room & staff qrts, 33/11 KV yard etc.		
	(a) Bore well with submersible pump, over head tank with staging if required, pipeline to earthing pit.	Each	190000.00
	(b) Cement concrete road 4 M wide	100 M	420000.00
	(c) Open surface drain of size 250x300 (Average internal) with 20 cm brick wall 100 mm thick CC 1:3:6 CC on bed and 1:2:4 coping and cement plaster etc. complete.	100 RM	47100.00
	(d) Hume pipe culvert.	Each	33600.00
	(e) Levelling & Moorum filling.	300 cum	126000.00
	(f) Yard metalling with 40 mm crusher broken metal.	Cum	1400.00
	(g) Brick masonry retaining wall 1 M height	M	2160.00

Part - B

S.No.	Particulars	Plinth area (in m ²)	Amount (in lacs)
1.	33/11 KV control room (A-1 type)	61.32	9.00
2.	DC building urban type	130.88	24.00
3.	DC building rural type	72.32	11.00


Superintending Engineer (Civil)
O/o Chief Engineer (Civil-Dist.)
CSPDCL, Raipur