ABSTRACT OF COST Name of work: - Construction of Boundary wall for 765/400KV/220kV Moga substation as per drawing.(approximate length 27m) DSR HSN GST Amount SAP CODE S.No Code Description of item Unit Rate Quantity CODE RATE (INR) 2021 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 1 2.8 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. 120000349 995433 2.8.1 18 All kinds of soil. 70.610 a cum Providing and laying in position cement concrete of specified grade excluding the cost of 2 4.1 centring and shuttering - All work upto plinth level: 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone 4.1.8 120000442 995454 18 2.180 a cum aggregate 40 mm nominal size derived from natural sources Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, 3 4.2 buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. upto floor five level, excluding the cost of centring, shuttering and finishing: 1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources: 4 graded stone 120000450 995454 0.500 4.2.3 18 a cum aggregate 20 mm nominal size derived from natural sources Providing and laying in position specified grade of reinforced cement concrete excluding the cost 5.1 4 of centring, shuttering, finishing and reinforcement - All work upto plinth level: 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources: 3 graded stone 5.1.2 120000488 995454 7.530 a cum aggregate 20 mm nominal size derived from natural sources) 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 5 5.2.2 120000492 995454 1.080 level, excluding cost of centering, shuttering, finishing and reinforcement: 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) Brick work with F.P.S. bricks of class designation 6.1 6 75 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand) 6.1.2 120000601 995456 18 6.890 cum Brick work with F.P.S. bricks of class designation 7 6.4 75 in superstructure above plinth level upto floor V level in all shapes and sizes in: Cement mortar 1:6 (1 cement : 6 coarse sand) 120000607 995456 18 7.470 6.4.2 cum a Supplying at site Angle iron post & strut of required size including bottom to be split and 8 16.19 120001762 995428 bent at right angle in opposite direction for 10 83.970 kg cm length and drilling holes upto 10 mm dia. Priming & painting complete. 9 13.1 12 mm cement plaster of mix: 120001400 995472 18 1:6 (1 cement : 6 fine sand) 67.500 a 13.1.2 sqm 15 mm cement plaster on the rough side of 13.2 10 single or half brick wall of mix:

71.700

sqm

13.2.2

a

120001402 995472

18

1:6 (1 cement : 6 fine sand)

11	13.44	120001464	995473	18	Finishing walls with water proofing cement paint of required shade: New Work (Two or more coats applied @ 3.84 Kg per 10 sqm)	sqm	139.200	
12	16.53	120001813	995421	18	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, studited with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	М	27.000	
13	5.22.6	120002953	995454	18	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto all level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	МТ	0.861	
14	5.9				Centering and shuttering including strutting, propping etc. and removal of form for			
a	5.9.1	120000499	995457	18	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	13.800	
b	5.9.5	120000503	995457	18	Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	47.700	
С	5.9.6	120000504	995457	18	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	16.200	