

Annexure-I						
Name of Work:- Construction of proposed Rain water drain at Bilasipara GSS, AEGCL						
SI No	Description of Item				Qty	Unit
1	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 lift upto 1.5 m, as directed by Engineer-incharge. Hard rock (blasting prohibited)					
	RWALL1	1	x	45.00	x	1.000
					x	1.000
					=	45.00
					=	45.00
					45.00	cum
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural (a) In prop 1:3:6 aggregate by volume.					
	RWALL1	1	x	45.00	x	0.44
					x	0.075
					=	1.49
					Total =	1.49
					1.49	cum
3	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 of grade Fe-500D or more.					
	main reinforcement	12mm	1	x	226.00	x
					1.94	x
					0.89	=
					390.21	
	distribution bar	10mm	1	x	11.00	x
					45.00	x
					0.62	=
					306.90	
					=	697.11
					697.11	cum
4	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete					
		4.00	x	45.00	x	0.825
					=	148.50
					148.50	sqm
5	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 : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)					
		45.00	x	1.94	x	0.11
					=	9.60
					9.60	cum

Annexure-II

Name of Work:- Construction of RRM retaining wall for proposed 33 KV bay at Bilasipara , AEGCL(Thermal power plant at Charubakra, Chapar)

SI No	Description of Item	Qty	Unit
1	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 lift upto 1.5 m, as directed by Engineer-incharge. Hard rock (blasting prohibited)		
	<div> <div>RWALL1</div> <div>1</div> <div>x</div> <div>45.00</div> <div>x</div> <div>1.575</div> <div>x</div> <div>2.800</div> <div>=</div> <div>198.45</div> <div>=</div> <div>198.45</div> </div>	198.45	cum
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) (a) In prop 1:3:6 aggregate by volume.		
	<div> <div>RWALL1</div> <div>1</div> <div>x</div> <div>45.00</div> <div>x</div> <div>2.30</div> <div>x</div> <div>0.075</div> <div>=</div> <div>7.76</div> <div>Total</div> <div>=</div> <div>7.76</div> </div>	7.76	cum
3	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 : Cement mortar 1:6 (1 cement : 6 coarse sand)		
	<div> <div>RWALL1</div> <div>Rectangular portion</div> <div>1</div> <div>x</div> <div>45.00</div> <div>x</div> <div>0.60</div> <div><u>x</u></div> <div>4.50</div> <div>=</div> <div>121.50</div> <div>Triangular portion</div> <div>0.50</div> <div>x</div> <div>45.00</div> <div>x</div> <div>1.60</div> <div><u>x</u></div> <div>4.50</div> <div>=</div> <div>162.00</div> <div>=</div> <div>283.50</div> </div>	283.50	cum
4	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS:15801 UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge. 90 OD for weep holes		
	<div> <div></div> <div>3.00</div> <div>x</div> <div>1.50</div> <div>x</div> <div>45</div> <div>=</div> <div>202.50</div> </div>	202.50	metre

Annexure-III

Name of work: Switchyard Graveling and PCC at 132kV GSS, AEGCL, Bilasipara (Thermal power plant at Charubakra, Chapar)

Sl. No.	Description of items	Qty	Unit
1	Centering and shuttering including strutting, propping etc. and removal of formwork for: Foundations, footings, base of columns etc, <div> <div>4.00</div> <div>x</div> <div>15.00</div> <div>x</div> <div>0.085</div> <div>=</div> <div>5.10</div> </div> <div> <div>5.00</div> <div>x</div> <div>10.00</div> <div>x</div> <div>0.085</div> <div>=</div> <div>4.25</div> </div> <div> <div>T</div> <div>=</div> <div>9.35</div> </div>	9.35	sqm
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources 80mm thick Net Area x Thickness <div> <div>150.00</div> <div>x</div> <div>0.08</div> <div>=</div> <div>12.00</div> </div>	12.00	cum
3	Supplying additional crushed stone chips of nominal size 20mm by manual spreading on top of the PCC base after re spreading of the existing available gravel to obtain a total thickness of 100 mm gravel spread. <div> <div>150.00</div> <div>x</div> <div>0.10</div> <div>=</div> <div>15.00</div> </div>	15.00	cum
4	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge. 100 mm nominal dia size <div> <div>40.00</div> <div>x</div> <div>0.30</div> <div>=</div> <div>12.00</div> </div>	12.00	metre
5	Providing and fixing PTMT grating of approved quality and colour. 100 mm nominal dia <div> <div>=</div> <div>40.00</div> </div>	40.00	each
6	Bitumen hot sealing compound : grade A	60.00	kg