

## BOQ

**Name of work : Erection, Testing & Commissioning of Terminal Equipment at 132kV Kamakhya GIS at AEGCL**

**Name and Address of Bidder:**

Sl. No.	Description of work	Unit	Qty	Rate (Rs)	Amount (Rs)
<b>1</b>	<b>Supply of control cable</b>				
1.01	Control Cable 4C x 2.5 sq mm	Mtrs	500		
<b>2</b>	<b>Supply of earthing equipment</b>				
2.01	75 x 12 mm GI Flat for risers, equipment and column earthing	Mtrs	40		
2.02	50 x 6 mm GI flat for junction box earthing	Mtrs	30		
2.03	40mm dia MS rod 3mtr long with test link for CVT with earth pit	Mtrs	9		
<b>3</b>	<b>Erection, testing and comissioning works</b>				
3.01	Erection, Testing & Commissioning of 132KV CT, 0.2S Class accuracy including marshalling box, laying & termination of control cables	Nos	3		
3.02	Erection, Testing & Commissioning of 132KV CVT, 0.2S Class accuracy including marshalling box, laying & termination of control cables	Nos	3		
3.03	Erection of dismantled LAs to new structures	Nos	3		
3.04	Erection of mounting structure for 132kV CVT	Mtrs	3		
3.05	Erection of mounting structure for 132kV CT	Mtrs	3		
<b>4</b>	<b>Switchyard PCC and earthing works</b>				
4.01	75 x 12 mm GI Flat for risers, equipment and column earthing	Mtrs	30		
4.02	50 x 6 mm GI flat for junction box earthing	Mtrs	30		
4.03	Providing 80mm thick 1:4:8 PCC base of switchyard as per specification	Sqm	100		
<b>5</b>	<b>Dismantling of equipments</b>				
5.01	Dismantling of 132KV LA	Nos	3		
5.02	Dismantling of 132KV CVT	Nos	3		

<b>6</b>	<b>Construction of foundation including supply of all foundation materials &amp; labour required for 132kV line CT</b>				
6.01	Excavation ( 8.1 cum per CT)	Cum	24.30		
6.02	Filling ( 1.125 cum per CT)	Cum	3.38		
6.03	Brick soiling( 1.32 sqm per CT)	Sqm	3.96		
6.04	Form work (6.45 sqm per CT)	Sqm	19.35		
6.05	PCC (0.99 sqm per CT)	Sqm	2.97		
6.06	RCC ( 0.48 cum per CT)	Cum	1.44		
6.07	Reinforcement( 68.538 KG per CT)	KG	205.61		
<b>7</b>	<b>Construction of foundation including supply of all foundation materials &amp; labour required for 132kV line CVT</b>				
7.01	Excavation ( 8.1 cum per CVT)	Cum	24.30		
7.02	Filling ( 1.125 cum per CVT)	Cum	3.38		
7.03	Brick soiling( 1.32 sqm per CVT)	Sqm	3.96		
7.04	Form work (6.45 sqm per CVT)	Sqm	19.35		
7.05	PCC (0.99 sqm per CVT)	Sqm	2.97		
7.06	RCC ( 0.48 cum per CVT)	Cum	1.44		
7.07	Reinforcement( 68.538 KG per CVT)	KG	205.61		
				<b>Total =</b>	
				<b>Add GST @18% =</b>	
				<b>Grand Total =</b>	
				<b>Say =</b>	