

BOQ

Name of work: Renovation & upgradation of 33kV IIT Guwahati dedicated feeder at 132/33kV Sishugram GSS, AEGCL, North Guwahati.

Name & Address of Bidder:

Sl. No.	Item Description	Quantity	Unit	Rate (Rs)	Amount (Rs)
1	Supply of bay equipment and accessories				
1.01	33 kV , 31.5KA/3 sec,2000A Gang operated Vacuum Circuit Breaker complete with mounting structure and accessories including terminal connectors for Zebra conductor.	1	No.		
1.02	33kV, 400-200/1-1A,2 core single phase Current Transformer complete with all fittings and accessories including terminal connectors for Zebra conductor (0.2S-5P20 Class,live tank type)	3	Nos.		
1.03	33kV ,31.5 kA,1250A isolators with one earth switch complete with all fittings and accessories including terminal connectors for Zebra conductor and motorized operation	1	Set		
1.04	33kV ,31.5 kA,1250A isolators without earth switch complete with all fittings and accessories including terminal connectors for Zebra conductor and motorized operation	1	Nos.		
1.05	33kV Lightning Arrester complete with all fitting and accessories including terminal connectors for Zebra conductor, surge counter and base insulator.	3	Nos.		
1.06	PVC Armoured Control Cable 14C x 1.5sqmm Copper Multistrand	250	mtr		
1.07	PVC Armoured Control Cable 7C x 1.5sqmm Copper Multistrand	250	mtr		
1.08	ACSR Panther conductor	200	mtr		
1.09	Spare 33kV , 25kA, 1250A isolator contacts (1 male & 2 female contacts = 1set)	2	Set		
1.10	Spare 33kV Lightning Arrester	1	No.		
1.11	Spare spring charging motor for supplied 33kV Circuit breaker	1	Set		
1.12	415 V outdoor type AC Distribution Box (Bay marshalling kiosk) with minimum 3 nos. of TPN feeders and 7 nos. of SPN feeders and 2 nos. of incoming sources.	1	Set		

2	Erection, testing and comissioning including laying of control and power cables to CR panel, cable termination at both ends and equipment earthing as required by retrofitting on existing mounting structure.				
2.01	33 kV Vacuum Circuit Breaker without structure	1	No.		
2.02	33 kV CT without structure	3	Nos.		
2.03	33 kV isolators without structure	2	Nos.		
2.04	33 kV LA without structure	3	Nos.		
2.05	415 V outdoor type AC Distribution Box (Bay marshalling kiosk)	1	No.		
2.06	Miscellaneous items like earthing works, jumpering works, retrofitting, cable laying and all other necessary works for proper erection, testing and comissioning of the supplied items as per direction of site engineer.	1	LS		
3	Dismantling of existing bay equipment along with all associated works and carriage to storage site as directed by site engineer.				
3.01	Dismantling of existing 33kV Circuit breaker (including all associated works and carriage to storage site as directed)	1	No		
3.02	Dismantling of existing 33kV CT (including all associated works and carriage to storage site as directed)	3	Nos.		
3.03	Dismantling of existing 33kV isolator (including all associated works and carriage to storage site as directed)	2	Set		
3.04	Dismantling of existing 33kV LA (including all associated works and carriage to storage site as directed)	3	Nos.		
				Total =	
				GST @18% =	
				Grand Total =	
				Say =	