

Tender Inviting Authority: Project Engineer (E&M), Bokaro Colliery							
Name of the Work / Contract No:	Onsite Repair and Maintenance of 3 Nos. 3.3KV/11KV Switchgears Type OCB and OLTC of 2 Nos. 3MVA Transformers at Gandhinagar Substation at Bokaro Colliery under Bnk area				NIT No. : CCL/BnK/Bokaro/EnM /25-26/19_3		
	Category of Services (To Be Selected by Department)	Category of Bidder (To Be Selected by Bidder)	To Be Entered by Department				
ITC Available	Works Contract	Bidder's Status (Mandatory)	Rate of GST (in %)	Total GST(in Rs.)	GST to be Paid By Bidder (in Rs.)	GST to be Paid By CIL/Subsidiary (in Rs.)	
Name of the Bidder/ Bidding Firm / Company :		Select	18	0.00	0.00	0.00	
<p align="center">PRICE SCHEDULE</p> <p align="center">(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)</p>							
NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7	8
1.01	Site preparation and isolation of transformer from system	2	Job			0.00	INR Zero Only
1.02	Draining of transformer oil and storage of same	3200	Litres			0.00	INR Zero Only
1.03	Dismantling of conservator, radiators, pipe connections and accessories	2	Job			0.00	INR Zero Only
1.04	Removal of core and coil assembly from tank (agency is required to provide crane/hydra)	2	Job			0.00	INR Zero Only
1.05	Cleaning of sludge and sediments from tank bottom and walls	2	Job			0.00	INR Zero Only
1.06	Surface painting of transformer from inside	2	Job			0.00	INR Zero Only
1.07	Cleaning of core and windings (dry & wet cleaning is required)	2	Job			0.00	INR Zero Only
1.08	Replacement of gaskets, seals and fasteners as required	2	Job			0.00	INR Zero Only
1.09	Dismantling of OLTC chamber including safe removal of internal parts	2	Job			0.00	INR Zero Only
1.1	Cleaning and preparation of OLTC chamber and internal parts	2	Job			0.00	INR Zero Only
1.11	Replacement of Moving Contact Assembly of OLTC	14	Set			0.00	INR Zero Only
1.12	Replacement of Fixed Contact Rotating Assembly	2	Set			0.00	INR Zero Only
1.13	Replacement of Selector Round Switch Shaft	2	Set			0.00	INR Zero Only
1.14	Replacement of Current Collector Terminal	12	No.			0.00	INR Zero Only
1.15	Replacement of corona or shieling Rings	8	Set			0.00	INR Zero Only
1.16	Replacement of Copper Connecting Leads from OLTC to Transformer	15	Set			0.00	INR Zero Only
1.17	Replacement of Bakelite/Insulating Board	2	No.			0.00	INR Zero Only
1.18	Replacement of OLTC Auxiliary Relays for Control and Remote Operation	2	No.			0.00	INR Zero Only
1.19	Replacement of OLTC Drive Motor with Pinion and Gear Assembly	2	Set			0.00	INR Zero Only
1.2	Re-fitting of control circuit with ferrules and other accessories	2	Job			0.00	INR Zero Only
1.21	Refilling of OLTC oil (Transformer oil) including filtration and testing	2	Job			0.00	INR Zero Only
1.22	Re-assembly, Testing and Commissioning of OLTC system	2	Job			0.00	INR Zero Only
1.23	Reinstallation of core and coil assembly	2	Job			0.00	INR Zero Only
1.24	Re-installation of accessories and final assembly	2	Job			0.00	INR Zero Only
1.25	Replacement of analog conservator oil meter	2	Job			0.00	INR Zero Only
1.26	Filtration and topping up of transformer oil	3200	Litres			0.00	INR Zero Only
1.27	Replacement of bushing gaskets and sealing materials	2	Job			0.00	INR Zero Only
1.28	Replacement including installation of new bushings, including alignment, mechanical fixing and sealing	6	No.			0.00	INR Zero Only
1.29	Supply, providing and fitting of control cable 8 core 2.5sqmm 1.1kv grade cable including laying and other control circuit connection	225	Metres			0.00	INR Zero Only
1.3	Installation of transformer in the existing circuit	2	Job			0.00	INR Zero Only
1.31	Replacement of Potential transformer 50VA 11kV/110V	3	No.			0.00	INR Zero Only
1.32	Complete overhauling, cleaning, painting, servicing including lubrication and greasing of moving contacts with CRC 2-26 spray of all the ways	3	Set			0.00	INR Zero Only
1.33	Handling of HT cable of different sizes	300	Metres			0.00	INR Zero Only

1.34	Supply and Providing of master trip relay 110 volt operating .	2	Nos.			0.00	INR Zero Only
1.35	Supply and Providing of Power pack unit 110V AC/DC	3	No.			0.00	INR Zero Only
1.36	Rectification of control circuit using lugs clips and washer etc .	3	Job			0.00	INR Zero Only
1.37	Replacement of main spring charging mechanism	3	Set			0.00	INR Zero Only
1.38	Replacement & fixing of fixed contact	6	Nos.			0.00	INR Zero Only
1.39	Replacement & fixing of moving contact.	8	Nos.			0.00	INR Zero Only
1.4	Replacement of Current Transformer 200/100-5-5	3	Nos.			0.00	INR Zero Only
1.41	Replacement & fixing of tripping and closing coil.	3	Nos.			0.00	INR Zero Only
1.42	Replacement of bushing insulator as per sample	4	Nos.			0.00	INR Zero Only
1.43	Replacement of Ampere meter and Volt meter.	4	No.			0.00	INR Zero Only
1.44	Supply of rotary switch for phase changeover/ Ammeter selector switch (1 pole and 3 way with OFF)	2	Nos.			0.00	INR Zero Only
1.45	Testing of switchgears (functional and safety tests)	3	Each			0.00	INR Zero Only
1.46	Supply of rotary switch for phase changeover/ voltage selector switch (1 pole and 3 way with OFF)	3	Nos.			0.00	INR Zero Only
1.47	Contractor's profit, incidental and other overhead expense @ 10% of estimated rate	1	Job			0.00	INR Zero Only
2	Total impact of GST for the purpose of CTC	1.000	Nos		0.00	0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only					