

Tender Inviting Authority: Project Engineer (E&M), Bokaro Colliery							
Name of the Work / Contract No:	Extension of DD Mines Substation switchyard with outdoor repositioning and installation of circuit breakers and its associated infrastructure in respect of Bokaro Colliery, BnK Area				NIT No. : CCL/BnK/Bokaro/EnM /25-26/18_2		
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"><b>PRICE SCHEDULE</b></p> <p align="center">(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent 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	Supply of round finished polished Aluminium tube for busbar of dia approx 50mm and thickness 3mm (Weight: 1.390/kg per metre. Total length 175 Metre x 1.390/kg = 243.25 kg) approx 250 kg	250	kg			0.00	INR Zero Only
1.02	Fitting and fixing charges for installation and commissioning of Aluminium bus bar	250	Metre			0.00	INR Zero Only
1.03	Providing and fixing of pad connector suitable for bus pipe having outer dia approx 50mm	55	No.			0.00	INR Zero Only
1.04	Providing and fixing of T connector suitable for bus pipe having outer dia approx 50mm	40	No.			0.00	INR Zero Only
1.05	Providing and fixing of connector of alloy aluminium pipe to pipe suitable for bus pipe having outer dia approx 50mm	25	No.			0.00	INR Zero Only
1.06	Providing and fixing of support connector suitable for bus pipe having outer dia 50mm	40	No.			0.00	INR Zero Only
1.07	Providing and fixing of Bi-metallic connector	25	No.			0.00	INR Zero Only
1.08	Supply and providing of 50 mm x 6 mm copper flat for making of Z shape	15	kg			0.00	INR Zero Only
1.09	Fiting, fixing including fabrication charges for Z	40	No.			0.00	INR Zero Only
1.1	Supplying and erection of three piece nonlinear resistor type lightning arrestor suitable for 3 wire, 11 KV overhead lines with rated voltage 9 KV (rms) with a nominal discharge current rating of 5 KA and complete with galvanised clamping arrangement, G.I. bolts, nuts, washers etc. as required.	2	Set			0.00	INR Zero Only
1.11	Providing and fixing of corrosion resistant 11kV post insulator	6	Job			0.00	INR Zero Only
1.12	Re-organization, handling including dressing of HT cables to a safe place to avoid any hindrance in the workplace and again handling and placement of cable as as per instruction of Engineer In-Charge	200	Metre			0.00	INR Zero Only
1.13	Supplying and making outdoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required : 70 sq. mm	1	Each			0.00	INR Zero Only
1.14	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.	160	sqm			0.00	INR Zero Only
1.15	Supply, laying and uniform spreading of gravels of size 50mm (approx) compacted to a thickness of around 100mm	160	sqm			0.00	INR Zero Only
1.16	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	200	sqm			0.00	INR Zero Only
1.17	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	18	Cum			0.00	INR Zero Only
1.18	Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming consolidating and dressing complete.	10	cum			0.00	INR Zero Only
1.19	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-in-charge. 2.6.1 All kinds of soil	25	cum			0.00	INR Zero Only
1.2	Filling available excavated earth (excluding rock) in trenches, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 metres.	20	cum			0.00	INR Zero Only
1.21	Supply of three pole heavy duty 11KV 400A isolator type horizontal with all accessories such as handle	6	No.			0.00	INR Zero Only
1.22	Assembling and installation of line/bus isolator on the isolator structure adjusting of opening mechanism in proper alignment so as to ensure smooth operation of the same in case of line isolator	6	Each			0.00	INR Zero Only

1.23	Providing and fixing of Electrical / mechanical interlock arrangement between isolators and breaker with all required material.	6	Each			0.00	INR Zero Only
1.24	Repositioning carefully & safely 11KV/ 3.3KV switchgear as per direction of Engineer in-charge, placing and fixing of switchgear on foundation providing G.I. Nuts & Bolts of proper size in proper position and alignment and checking (hydra/crane is to be provided by the agency)	5	No.			0.00	INR Zero Only
1.25	Excavation for cable trenches in soft soil, depth upto 1.2 m including dressing of sides lift upto 1.5 m, including getting out the excavated soil, refilling with sand and or good soil after laying of cable/ pipe etc in layers of 20 cm, ramming, watering and disposal of surplus excavated soil as directed, within a lead of 50 metres.	60	Cum			0.00	INR Zero Only
1.26	Supplying and installing following size of perforated pre-painted M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required. 100 mm width X 50 mm depth X 1.6 mm thickness	90	Metre			0.00	INR Zero Only
1.27	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 : 5.1.2 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)	6	Cum			0.00	INR Zero Only
1.28	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.	100	kg			0.00	INR Zero Only
1.29	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	1500	kg			0.00	INR Zero Only
1.3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor, etc. up to floor five level, excluding the cost of centering, shuttering and finishing : 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	10	Cum			0.00	INR Zero Only
1.31	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-in-charge. 2.6.1 All kinds of soil (for preparation of earthing pits 1M X1M X3M and for laying of MS Flats)	30	cum			0.00	INR Zero Only
1.32	Supply and embedding of GI pipe of size 40mm 3 mtrs long and Back filling with BFC compound (25kg x4 bags for each pit) free from boulders. These GI pipe are to be welded with MS Flat at various places by making mesh frame and cutting of pipes as also making holes in the pipe for water seepage. (The earth pit is to be connected with earth mesh of MS Flat at a depth of 0.5 M).	7	Job			0.00	INR Zero Only
1.33	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required	220	Metre			0.00	INR Zero Only
1.34	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 2.4 m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied 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 (2.5 mm 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)	120	Metre			0.00	INR Zero Only
1.35	Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	18	cum			0.00	INR Zero Only
1.36	Supervision, overhead and other incidental cost including contractor's profit @10% of estimated cost	1	job			0.00	INR Zero Only
2	<b>Total impact of GST for the purpose of CTC</b>	1.000	Nos		0.00	0.00	INR Zero Only
<b>Total in Figures</b>						0.00	INR Zero Only
<b>Quoted Rate in Words</b>		<b>INR Zero Only</b>					