

Tender Inviting Authority: Staff officer(E&M), Dhori Area.							
Name of the Work / Contract No:	Renovation of substation by installation & commissioning of float cum boost charger & transformer monitoring system along with reorganization & upgradation of bays in main substation at 7/8 incline, Dhori (K) Colliery, Dhori Area						
-	Category of Services (To Be Selected by Department)		Category of Bidder (To Be)	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
0.1	Supply & providing of remote indication system with alarm for low voltage and in case of failure	1	Nos			0.00	INR Zero Only
0.2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recess steel/PVC conduit as required.(4x6sq.mm)	160	mtr			0.00	INR Zero Only
0.3	Supply and providing 110V battery Charger panel of sheet steel siniclure of 2 mm thick dust and vemin proof grey colour input and output terminals shall be provided at the boltom of the cabinet with suitable cable entry Lifting hooks earthing terminal self supported etc. suitable for 150 AH 2 volt x 65 nos lead acid battery.	1	Nos			0.00	INR Zero Only
0.4	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required. Above 95 sq. mm and upto 185 sq. mm	115	mtr			0.00	INR Zero Only
0.5	Supply & Providing float charger having current rating 20A boost cum float charger having rating 25A with associated items like voltmeter for AC volt with voltage selector switch AC main fail relay. Ammeter to read input current with their current transformer & DC voltmeter with four position selector switch to read the voltage of float charger boost cum float charger battery and load with on-off position solid state DC under voltage relay solid state DC battery each fault relay annunciation circuit with Accept/reset/test push button buzzer	1	Nos			0.00	INR Zero Only
0.6	Lead Acid maintenance free battery Voltage - 2V Capacity-150 Ah Charging current-21Amps Internal resistance 0.91 milli ohms and 10 Nos of additional spare battery.	65	Nos			0.00	INR Zero Only
0.7	Supply and Providing of AC/DC Horizontal type distribution Junction box with inbuilt 8 nos of 32 amps MCB per unit with 230v ac power system.	12	Nos			0.00	INR Zero Only
0.8	Supply and Providing of MCCB, 4 pole 415 volts, 250 A, with protection system	3	Nos			0.00	INR Zero Only
0.9	Supplying and laying 25mm X 5mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/terminating with nut, bolt, spring, washer etc. as required. (Joining shall be done by over lapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	65	mtr			0.00	INR Zero Only
1	Advanced chemical earth pit of length 5 mtr for grounding of boost charger with backfill compound	2	Nos			0.00	INR Zero Only
1.1	Complete modification of the control circuit with connection with the existing breaker with necessary ferules lugs and washer etc and complete testing of the breaker control circuit with the modified input power supply.	14	Set			0.00	INR Zero Only
1.2	Supply & laying of 2.5 sq mm copper cable 12 core armoured type multi colour	585	mtr			0.00	INR Zero Only
1.3	Laying of pvc insulated cables direct on ground including excavation and re filling	585	mtr			0.00	INR Zero Only
1.4	Supervision and contractor profit OH	1	Job			0.00	INR Zero Only
6.7	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					

Tender Inviting Authority: Staff officer(E&M), Dhori Area.							
Name of the Work / Contract No:	Supply, installation, erection and commissioning of 11 KV Grade on-load isolator for different feeder under MRSS Dhori Area. .						
.	Category of Services (To Be Selected by Department)		Category of Bidder (To Be)	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
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1	2	3	4	5	6	7	8
0.1	Supply installation testing & commissioning including Modification of required arrangement with fabrication of support structure as per requirement for installation of 3.3 KV grade 400 amps on load isolator (load break switch), Detailed specification :- Frame assy. Hot dip galvanized All hardware zinc passivated, support insulator creepage distance:- min distance 900m . Impulse with stand voltage:- across the isolating distance- 195KV or above to earth and between -170KV, power frequency with stand voltage- across the isolating distance-80 KV, to earth and between poles-70KV, rated short time current-16Ka/3 sec or above With at site warranty and rectification With erection and extension and reconnecting to busbar / feeder	3	Nos			0.00	INR Zero Only
0.2	Supplying of two lengths of channel iron 75mm X 40mm X 6mm (7.14 kg per metre) double pole cross arm for three wire 11 KV over head line conductors complete with through bolts and nuts for clamping to the poles ,50 mm X 6 mm M.S.flats welded on one side to the channel iron and with bolts and nuts on the other side fortying the cross arms together,including drilling holes for insulator pins / fittings ,bolts , nuts and washers etc (as per drawing) and painting with primer and finish paint as required.	6	Nos			0.00	INR Zero Only
0.3	Supply and Providing of connecting terminal end connector	18	Nos			0.00	INR Zero Only
0.4	Supply and Providing of copper lugs , nuts bolts washer and other accessories	1	Job			0.00	INR Zero Only
0.5	Erection of metallic pole of following length in cement concrete 1 : 3 : 6 (1 cement : 3 coarses and : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required. Above 8.0 metre and upto 10.0 metre	6	Nos			0.00	INR Zero Only
0.6	Providing and laying in position cement concrete 1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump , DG set etc including form work etc as required.	6.2	Cum			0.00	INR Zero Only
0.7	Supervision and Contactor profit 10%	1	Job			0.00	INR Zero Only
0.8	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					

Tender Inviting Authority: Staff officer(E&M), Dhori Area.							
Name of the Work / Contract No:	Design and installation of float cum boost charger with battery bank & laying of separate DC/AC connectivity for different breakers, transformer etc at 12 no. substation od AADOCM, Dhori Area.						
	Category of Services (To Be Selected by Department)		Category of Bidder (To Be Entered by Department)				
ITC Available	Works Contract		Bidder's Status (Mandatory) Select	Rate of GST (in %) 18	Total GST (in Rs.) 0.00	GST to be Paid By Bidder (in Rs.) 0.00	
Name of the Bidder/ Bidding Firm / Company :						0.00	
<p align="center">PRICE SCHEDULE</p> <p>(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>							
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1	2	3	4	5	6	7	8
0.1	Supply & providing of remote indication system with alarm for low voltage and in case of failure	1	Nos			0.00	INR Zero Only
0.2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recess steel/PVC conduit as required.(4x6sq.mm)	60	mtr			0.00	INR Zero Only
0.3	Supply and providing 110V battery Charger panel of sheet steel siniclure of 2 mm thick dust and vemin proof grey colour input and output terminals shall be provided at the bottom of the cabinet with suitable cable entry Lifting hooks earthing terminal self supported etc. suitable for 150 AH 2 volt x 65 nos lead acid battery.	1	Nos			0.00	INR Zero Only
0.4	Supply & Providing float charger having current rating 20A boost cum float charger having rating 25A with associated items like voltmeter for AC volt with voltage selector switch AC main fail relay. Ammeter to read input current with their current transformer & DC voltmeter with four position selector switch to read the voltage of float charger boost cum float charger battery and load with on-off position solid state DC under voltage relay solid state DC battery each fault relay annunciation circuit with Accept/reset/test push button buzzer	1	Nos			0.00	INR Zero Only
0.5	Lead Acid maintenance free battery Voltage - 2V Capacity-150 Ah Charging current-21Amps Internal resistance 0.91 milli ohms and 10 Nos of additional spare battery.	65	Nos			0.00	INR Zero Only
0.6	Supply and Providing of AC/DC Horizontal type distribution Junction box with inbuilt 8 nos of 32 amps MCB per unit with 230v ac power system.	6	Nos			0.00	INR Zero Only
0.7	Supply and Providing of MCCB, 4 pole 415 volts, 250 A, with protection system	1	Nos			0.00	INR Zero Only
0.8	Supplying and laying 25mm X 5mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by over lapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	40	mtr			0.00	INR Zero Only
0.9	Advanced chemical earth pit of length 5 mtr for groundimg of boost charger with backfill compound	2	Nos			0.00	INR Zero Only
1	Complete modification of the control circuit with connection with the existing breaker with necessary ferules lugs and washer etc and complete testing of the breaker control circuit with the modified input power supply.	6	Set			0.00	INR Zero Only
1.1	Supply & laying of 2.5 sq mm copper cable 12 core armoured type multi colour	325	mtr			0.00	INR Zero Only
1.2	Laying of pvc insulated cables direct on ground including excavation and re filling	325	mtr			0.00	INR Zero Only
1.3	Supervision and contractor profit	1	job			0.00	INR Zero Only
6.7	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					

Tender Inviting Authority: Staff officer(E&M), Dhori Area.							
Name of the Work / Contract No:	Design, Fabrication and Erection of Grid type Mesh Earthing suitable for rocky area at the 33 kv/11kv Main Sub Station ,Under Dhori Area .						
.	Category of Services (To Be Selected by Department)		Category of Bidder (To Be)	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
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1	2	3	4	5	6	7	8
0.1	Earthing with copper earth plate 600 mm X 600 mm x 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement ad watering pipe 2.7 meter long etc with excavation and refilling as required 600 mm X 600 mm X 3 mm thick Copper plate (10.5 kg each) 20 mm G.I rod of length 7 mtr	25	Nos			0.00	INR Zero Only
0.2	Erthing with Providing of 80 mm copper bond Chemical filled earthing electrode with backfill compound and necessary arrangement including masanory enclosure with excavation and reffiling as required	25	no.			0.00	INR Zero Only
0.3	Providing Fixing of Earth bus of 50 mm X 5 mm copper strip on surface for connection etc as required	55	mtr			0.00	INR Zero Only
0.4	Supply and laying 25 X 5 mm copper strip at 0.5 m meter below the ground as strip earth electrode , including connection /terminating with nut , bolts , spring wsher etc as required	115	mtr			0.00	INR Zero Only
0.5	Providing and fixing of 25mm X 5 mm G.I. Strip after excavation upto 1.5 mtr and forming a grid mesh with a gap of 1 mtr in each strip and connecting with electrode etc	460	mtr.			0.00	INR Zero Only
0.6	Providing fixing of polyvinyl Chloride (CPVC) pipes having thermal stability all CPVC brass and straight fitting , including fixing the pipe with clamp , this include jointing the pipe & fitting with solvent including laying of pipe and excavation and refilling. 50 mm dia pipe	175	mtr.			0.00	INR Zero Only
0.7	Providing and placing on terrace (at all floor levels) polyethylene water storage tank IS:12701 marked ,with cover and suitable locking arrangement and making necessary holes for inlet , outlet and over flow pipes but without fittings and the base support for tank.	3000	ltr			0.00	INR Zero Only
0.8	Constructing masonry Chamber 30x30x50 cm inside ,in brick work incement mortar 1:4 (1cement:4coarsesand) for stop cock , with C.I. surface box 100 x 100 x 75mm (inside) with hinged cover fixed in reinforced cement concrete slab 1:1.5:3 mix (1cement : 1.5 coarses and : 3 graded stone aggregate 20 mm nominal size),i/c necessary excavation, foundation concrete 1:5:10)1cement:5fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarses and) 12 mm thick , finished with a floating coat of neat cement complete as per standard design :	24	Nos			0.00	INR Zero Only
0.9	Shifting cleaning and laying of gravels after proper erection of earthing system	150	sqm			0.00	INR Zero Only
1	Rehandiling of ht cables	180	mtr			0.00	INR Zero Only
1.1	Supply and Providing of drip watering system suitable for mesh earthing .	1	job			0.00	INR Zero Only
1.2	Supervision and contactor profit on M.R items	1	job			0.00	INR Zero Only
6.7	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					