

Name of Work: Provision of Ring main Power Supply System for NAV-AIDS at Dibrugarh Airport

Contract No: 2023_AAI_175583_1

Name of the Bidder/ Bidding Firm / Company :		REWINDER TECHNO ELECTRICALS				
PRICE SCHEDULE (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)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Supply of 3.5CX 240 sq.mm size of XLPE insulated & PVC sheathed, armoured, aluminium conductor under ground cable of 1.1KV grade as per IS 7098:1988 Part-I with upto date amendments complete as required. (Make: As per AAI list of approved makes)	7320.00	Mtr	1300.00	9516000.00	INR Ninety Five Lakh Sixteen Thousand Only
2	Supply of 3.5CX 70 sq.mm size of XLPE insulated & PVC sheathed, armoured, aluminium conductor under ground cable of 1.1KV grade as per IS 7098:1988 Part-I with upto date amendments complete as required. (Make: As per AAI list of approved makes)	200.00	Mtr	400.00	80000.00	INR Eighty Thousand Only
3	Supply of 160 mm dia HDPE pipe, ISI marked along with all accessories like socket, couplers etc. conforming to IS 4984-1995, PN6 grade, PE63 etc	450.00	Mtr	700.00	315000.00	INR Three Lakh Fifteen Thousand Only
4	Supply of 110 mm dia HDPE pipe, ISI marked along with all accessories like socket, couplers etc. conforming to IS 4984-1995, PN4 grade, PE63 etc	6460.00	Mtr	350.00	2261000.00	INR Twenty Two Lakh Sixty One Thousand Only
5	Supply of 63 mm dia HDPE pipe, ISI marked along with all accessories like socket, couplers etc. conforming to IS 4984-1995, PN4 grade, PE63 etc	150.00	Mtr	200.00	30000.00	INR Thirty Thousand Only
6	Laying of HDPE/ DWC pipe of 63 mm dia size complete with fitting and cutting, jointing or including butt joint welding wherever required etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc. , complete as required.	150.00	Mtr	50.00	7500.00	INR Seven Thousand Five Hundred Only
7	Laying of HDPE/ DWC of pipe 110mm dia size complete with fitting and cutting, jointing or including butt joint welding wherever required etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc. , complete as required.	6460.00	Mtr	30.00	193800.00	INR One Lakh Ninety Three Thousand Eight Hundred Only
8	Laying of one number HDPE pipe of size 160 mm dia by making Horizontal boring using suitable mechanical arrangement, Sensor operated, Min. 2 Mtr Depth including butt joint welding of HDPE pipe, inserting of HDPE Pipes in bore well hole etc., complete is required.	450.00	Mtr	200.00	90000.00	INR Ninety Thousand Only
9	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/DWC-HDPE pipe as required Above 35 sq. mm and upto 95 sq. mm	150.00	Mtr	5.00	750.00	INR Seven Hundred & Fifty Only
10	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/DWC-HDPE pipe as required Above 185 sq. mm and upto 400 sq. mm	6860.00	Mtr	8.00	54880.00	INR Fifty Four Thousand Eight Hundred & Eighty Only
11	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KVgrade of size in the existing masonry open duct as required Above 35 sqmm and upto 95 sqmm	50.00	mtr	5.00	250.00	INR Two Hundred & Fifty Only
12	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KVgrade of size in the existing masonry open duct as required Above 185 sq. mm and upto 400 sq. mm	250.00	Mtr	5.00	1250.00	INR One Thousand Two Hundred & Fifty Only
13	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for 3.5X 240 sq.mm PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.	9.00	Each	2000.00	18000.00	INR Eighteen Thousand Only
14	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 3.5X 70 sq. mm (38mm)	4.00	Set	200.00	800.00	INR Eight Hundred Only
15	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 3.5 X 240 sq. mm (62mm)	10.00	Set	200.00	2000.00	INR Two Thousand Only
16	Excavation of the cable trenches in hard rock not exceeding 1.5 meter in width, and lift upto 1.5 meter, including getting out the excavated soil and disposal of excavated soil as directed within a lead of 50 meter.	5.00	Cum	200.00	1000.00	INR One Thousand Only
17	Supply, Installation, Testing and Commissioning of 415V, 50Hz, AC supply totally enclosed with self standing floor mounting, cubicle type, dust and vermin proof , indoor compartmentalized, Double door , IP65, outdoor type, sloped roof LT panel fabricated from 2mm thick CRCA sheet with Bus bars, earth bar connections including internal wiring with suitable sizes wire/cable, interconnection, duly powder coated, painting etc.. The panel shall have provision for bottom cable entry, including supply and installations of following switchgears, metering instruments and accessories in the LT Panel and as per technical specifications. INCOMMER MCCB a) 160 Amps, Four Pole Moulded Case Circuit Breaker having adjustable Thermal (80% - 100%) with Rotary handle and the Breaking capacity Icu at 415 V, 36 kA - 2 No. b) Set of indication lamps, LED type for R, Y, B, with HRC control fuse- 2 set c) Digital type 3 phase multi function meter - 2 No d)Bus coupler : 160 Amps, Four Pole Moulded Case Circuit Breaker having adjustable Thermal (80% - 100%) and Fixed Magnetic Release with Rotary handle and the Breaking capacity Icu at 415 V, 36 kA - 1 No. with 2 keys systems mechanical interlocking arrangement with two incomers - 1Set. e) One set of 200 Amp. TPN copper bus bars of suitable rupturing capacity OUT GOINGS a) 160 Amps, Four Pole Moulded Case Circuit Breaker having adjustable Thermal (80% - 100%) with Rotary handle and the Breaking capacity Icu at 415 V, 36 kA - 2 No. b) 100 Amps, Four Pole Moulded Case Circuit Breaker having adjustable Thermal (80% - 100%) with Rotary handle and the Breaking capacity Icu at 415 V, 25 kA - 3 No. Note : Each MCCB outgoings shall be provided with ON/OFF/TRIP indication	4.00	Job	50000.00	200000.00	INR Two Lakh Only
18	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	8.00	Set	3000.00	24000.00	INR Twenty Four Thousand Only
19	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	50.00	Mtr	200.00	10000.00	INR Ten Thousand Only

20	Constructing masonry Chamber 120x120x100 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 M sand) , with RCC top slab 1:2:4 mix (1 cement : 2 M sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 M sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3M sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design :	8.00	Each	3000.00	24000.00	INR Twenty Four Thousand Only
21	Supply, Installation, Testing and Commissioning of smart RFID based electronic cable marker 220 mm dia, 1.5 m depth range 10 digit hexadecimal ID code as per direction of Engineer-in-charge.	100.00	Each	1000.00	100000.00	INR One Lakh Only
22	Supply and Fixing of Outdoor type (IP65) Junction Box suitable for termination of 3.5C X 240 sqmm cable(2 nos- 1 incoming & 1 outgoing) along with suitable Aluminum busbars, suitable support insulators etc.,and MS stand for fixing with excavation, making foundation with PCC completely as per direction of Engineer In Charge.	3.00	Each	2000.00	6000.00	INR Six Thousand Only
23	Providing and laying in position cement concrete of specified grade 1:2:4(1 Cement:2Coarse sand :4 graded stone aggregate 20mm nominal size) at all levels for damaged portion of wall/road/paver block portion etc., complete as required.	5.00	Cumtr	2006.00	10030.00	INR Ten Thousand &Thirty Only
Total in Figures					12946260.00	INR One Crore Twenty Nine Lakh Forty Six Thousand Two Hundred & Sixty Only
Quoted Rate in Words		INR One Crore Twenty Nine Lakh Forty Six Thousand Two Hundred & Sixty Only				