

Government eProcurement System Created By: RISHI RAJ BAGRE Created Date/Time: 14-Jan-2021 11:22 AM Tender Title: Installation of RVR instrument at D.A.B.H. Airport, Indore SH Electrical works, Supply and Laying of OFC Cable and Provision of Networking Equipments. Tender ID: 2020_AAI_61419_2			
Tender Inviting Authority: AGM (Engg.-E)-II, AAI, DABH Airport, Indore.			
Name of Work: Installation of RVR instrument at D.AB.H Airport, Indore. SH: Electrical works, Supply & Laying of OFC Cable and Provision of Networking Equipments.			
Contract No: AAI/ID/(Engg.-E)/ENIT-10/2020-21			

SCHEDULE OF WORK / ITEM(S)					Messers Rajesh Gawde(GSTN-23AFHPG7133A1Z4)		BR Power Control and Automation Services(GSTN-23AFHPG7133A1Z4)	
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	Rate	Amount	Rate	Amount
1.00	Sub Heading 1 (Electrical Works)							
2.00	Supply of 4 x 35 sqmm size 1.1 kv grade multicore aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS:7098:1988 with upto date amendments.	1350.00	Meter		201.50	272025.00	162.00	218700.00
3.00	Supply of 3 x 4 sqmm size 1.1 kv grade multicore copper conductor XLPE insulated and PVC sheathed armoured cable as per IS: 7098:1988 with upto date amendments.	100.00	Meter		165.10	16510.00	122.00	12200.00
4.00	Supply & laying of PN-6 rated PE100 grade HDPE pipe of size 50 mm dia, for electrical and communication installation i/c excavation, upto depth of 75 cm. with trench width 35 cm, and back filling the earth with accessories complete as required.	1400.00	Meter		210.60	294840.00	139.00	194600.00
5.00	Supply and making end termination with brass compression gland and suitable lugs for following size of PVC insulated and PVC sheathed / XLPE following conductor cable of 1.1 KV grade as required.. (a) 4 X 35 sqmm, Alluminum Conductor Cable	4.00	Set		104.00	416.00	653.00	2612.00
6.00	Supply and making end termination with brass compression gland and suitable lugs for following size of PVC insulated and PVC sheathed / XLPE following conductor cable of 1.1 KV grade as required.. (b) 3 X 4 sqmm, Copper Conductor Cable	6.00	Set		309.00	1854.00	192.00	1152.00
7.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 grade upto 35 sqmm size in the existing RCC/HUME/METAL pipe as required.	1400.00	Meter		25.00	35000.00	30.00	42000.00

L1 Amount	L1 Vendor
218700.00	BR Power Control and Automation Services
12200.00	BR Power Control and Automation Services
194600.00	BR Power Control and Automation Services
416.00	Messers Rajesh Gawde
1152.00	BR Power Control and Automation Services
35000.00	Messers Rajesh Gawde

8.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1KV grade of following size in the existing masonry open duct as required. Upto 35 sq. mm	20.00	Meter
9.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. Upto 35 sq. mm (clamped with 1mm thick saddle)	25.00	Meter
10.00	SITC of 3KVA capacity UPS suitable for operation on 110 volt to 300 single phase 50 Hz AC input supply and constant output of 230 volt AC near sine wave having 60 minute back up capacity with shortcircuit over load, battery deep discharge & overcharge protection and suitable for equipment application purposes etc. as required	2.00	Job
11.00	Supplying & fixing of Metal Enclosure for 3 KVA UPS along with batteries of 60 minuite backups , made out of 2 mm thick CRCA sheet with locking arrangement, canopy and duly powder coated/epoxy painted with IP grade -55 etc. including making suitable PCC foundation complete as required.	2.00	Job
12.00	SITC of suitable size power supply enclosure having angle iron mounting legs of 1.5 meter length and made out of 2 mm thick CRCA sheet double door with locking arrangement, cancopy and duly power coated/epoxy painted, to be provided with suitable PCC foundation and having following accessories and mountings etc. as required:- (a) 20 Amps DP MCB-01 No. (Incomer) (b) 10 Amps DP MCB-01 No. (Outgoing) (c) 5 Amps DP MCB-03 No. (Outgoing) (d) Power distribution board with 05 nos. of 5 Amps 3 Pin Sockets & Switches -01 No. (Outgoing)	2.00	Job
13.00	SITC of suitable size secondary power enclosure box made out of 2 mm thick CRCA sheet double door with locking arrangement, cancopy and power / epoxy coated painted consenting of a power distribution board with 04 nos. of 5 Amps 3 Pind Sockets & switches - 01 No.	3.00	Job
14.00	SITC of fully autonomous, CPRI tested early streamer Emission lightnering conductor (ESEL) having gain in triggering time of minimum 60 micro sec. and radius of protection of 62 mtr in level 1 protection zone at 10 meter. High mast on round (2mtr FRP mast OD 68 mm, ID 60mm, wall thickness 4 mm) 08 mtr G I Mast (2 inches dia) along with all other accessories for installation of ELELC to protect the building & other structures from lightning strikes.	2.00	Job

200.00	4000.00	30.00	600.00
250.00	6250.00	70.00	1750.00
61100.00	122200.00	80096.00	160192.00
10400.00	20800.00	11915.00	23830.00
13000.00	26000.00	12330.00	24660.00
5200.00	15600.00	3816.00	11448.00
133900.00	267800.00	141855.00	283710.00

600.00	BR Power Control and Automation Services
1750.00	BR Power Control and Automation Services
122200.00	Messers Rajesh Gawde
20800.00	Messers Rajesh Gawde
24660.00	BR Power Control and Automation Services
11448.00	BR Power Control and Automation Services
267800.00	Messers Rajesh Gawde

15.00	SITC of 70 Sq.mm copper flexible wires as down conductor from air terminal to the earth pits.	50.00	Meter
16.00	SITC of lightning transient event counter resettable 6 digit LCD display with in built lithium battery in IP67 rating enclosure with transparent lid, mounting arrangements etc., as required.	2.00	Job
17.00	Providing & creating of CPRI tested earth pits using earth enhanced compound of 20 kgs, advanced chemical earth rod made with k type copper tube of 2.5" dia, 8 fts long, 1.6 mm thick installed vertically or horizontally as per the site conditions complete with flanges bends top cover heavy duty plastic inspection chamber including excavation and refilling etc as required.	6.00	Set
18.00	Sub Head 2: Supply & Laying of OFC Cable and Provision of Networking Equipments.		
19.00	12 CORE SINGLE MODE ARMOURED OFC CABLE.	3200.00	Metre
20.00	OFC LIU with Pigtail & Patch Cards.	4.00	Set
21.00	I/O box with Back Box & Face Plate.	18.00	Set
22.00	SEP Module	4.00	Each
23.00	24 + 4 Port Gigabit Ethernet Switch for LAN	3.00	Each
24.00	9u Rack with standard accessories.	3.00	Each
25.00	Cat-6 STP LAN Cable (305 Mtrs. Per box)	2.00	Per Box
26.00	OFC Splicing Charges.	72.00	Per Core
27.00	Laying of underground ARMOURED OFC by Standard cut & cover method at 1 Mtr. depth in soft soil.	3200.00	Meter

728.00	36400.00	710.00	35500.00
32500.00	65000.00	7944.00	15888.00
30500.00	183000.00	13618.00	81708.00
66.00	211200.00	70.00	224000.00
7200.00	28800.00	33137.00	132548.00
240.00	4320.00	329.00	5922.00
3575.00	14300.00	5901.00	23604.00
10920.00	32760.00	21675.00	65025.00
4355.00	13065.00	6923.00	20769.00
12350.00	24700.00	18725.00	37450.00
195.00	14040.00	216.00	15552.00
144.00	460800.00	74.00	236800.00

35500.00	BR Power Control and Automation Services
15888.00	BR Power Control and Automation Services
81708.00	BR Power Control and Automation Services

211200.00	Messers Rajesh Gawde
28800.00	Messers Rajesh Gawde
4320.00	Messers Rajesh Gawde
14300.00	Messers Rajesh Gawde
32760.00	Messers Rajesh Gawde
13065.00	Messers Rajesh Gawde
24700.00	Messers Rajesh Gawde
14040.00	Messers Rajesh Gawde
236800.00	BR Power Control and Automation Services

28.00	Excavation of Hard rock for laying of HDPE conduit/ OFC at 1 Mtr depth	50.00	Cu.Metre
29.00	Supply of HDPE conduit and laying of armoured OFC through HDPE conduit.	3200.00	Metre
30.00	Supply of PVC conduit and laying of Cat-6 STP Cable through PVC conduit.	600.00	Metre
31.00	Supply of GI pipe and Underground laying of armoured OFC by Horizontal drilling at 1 Mtr. depth	300.00	Metre
32.00	Charges for Installation, testing, commissioning & documentation of Network equipment & accessories at site 1 as per schedule mentioned in the Technical Specification.	1.00	Each
33.00	Charges for Installation, testing, commissioning & documentation of Network equipment & accessories at site 2 as per schedule mentioned in the Technical Specification.	1.00	Each
34.00	Charges for Installation, testing, commissioning & documentation of Network equipment & accessories at site 3 as per schedule mentioned in the Technical Specification.	1.00	Each
35.00	Charges for Installation, testing, commissioning & documentation of Network equipment & accessories at site 4 as per schedule mentioned in the Technical Specification.	1.00	Each

214.00	10700.00	363.00	18150.00
67.00	214400.00	284.00	908800.00
39.00	23400.00	165.00	99000.00
622.19	186657.60	750.00	225000.00
4500.00	4500.00	567.00	567.00
5500.00	5500.00	567.00	567.00
4500.00	4500.00	567.00	567.00
3000.00	3000.00	284.00	284.00

10700.00	Messers Rajesh Gawde
214400.00	Messers Rajesh Gawde
23400.00	Messers Rajesh Gawde
186657.60	Messers Rajesh Gawde
567.00	BR Power Control and Automation Services
567.00	BR Power Control and Automation Services
567.00	BR Power Control and Automation Services
284.00	BR Power Control and Automation Services

Total in Figures

2624337.60

3125155.00

Lowest Amount Quoted BY: Messers Rajesh Gawde(2624337.60)