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| <p align="center"><b>Government eProcurement System</b><br/> <b>Created By: Pramod Soni</b><br/> <b>Created Date/Time: 28-Mar-2023 06:00 PM</b><br/> <b>Tender Title: Provision of Earthing with associated works and installation of surge protection device at various locations at S. V. Airport, Raipur.</b><br/> <b>Tender ID: 2023_AAI_146221_1</b></p> |
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**Tender Inviting Authority: Asst. Gen. Manager (E-E), Airports Authority of India, S.V. Airport, Raipur**

**Name of Work: Provision of Earthing with associated works and installation of surge protection device at various locations at S. V. Airport, Raipur.**

**Contract No: 2023\_AAI\_146221**

**SCHEDULE OF WORK / ITEM(S)**

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                       | No.of Qty | Units | Estimated Rate | BBN ENERGY SYSTEMS PVT LTD(GSTN-06AAECB3449D1Z0) |           | DOSHI ELECTRIC ENGG. CO.(GSTN-24AAEFD3355K1Z1) |           |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|----------------|--------------------------------------------------|-----------|------------------------------------------------|-----------|
|       |                                                                                                                                                                                                                                                     |           |       |                | Rate                                             | Amount    | Rate                                           | Amount    |
| 1.00  | Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.   | 28.00     | Each  | 6465.00        | 8000.00                                          | 224000.00 | 10000.00                                       | 280000.00 |
| 2.00  | 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.                                                       | 112.00    | mtrs. | 442.00         | 550.00                                           | 61600.00  | 650.00                                         | 72800.00  |
| 3.00  | 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.                      | 10.00     | Each  | 5938.00        | 10080.00                                         | 100800.00 | 6000.00                                        | 60000.00  |
| 4.00  | Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.                                       | 50.00     | mtrs. | 250.00         | 165.00                                           | 8250.00   | 150.00                                         | 7500.00   |
| 5.00  | Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.                                                                                                                                              | 100.00    | mtrs. | 205.00         | 112.00                                           | 11200.00  | 200.00                                         | 20000.00  |
| 6.00  | Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.                                                                                                                                                     | 100.00    | mtrs. | 58.00          | 13.44                                            | 1344.00   | 30.00                                          | 3000.00   |
| 7.00  | Supplying and spreading Stone Aggregate (Single size) : 40 mm nominal size spreading uniformly having 100mm bed thickness in HT yard area.                                                                                                          | 45.00     | Cum   | 1641.00        | 224.00                                           | 10080.00  | 1000.00                                        | 45000.00  |
| 8.00  | Fiber Telescopic Earth Discharge Rod 4-Sections, Rubber Grips, Nut Bolt Locking, Line Clamp: Alum Die Cast – 35mm Dia., Extendable Up to 18-feet With Copper Flex. Cable 10 SQ.mm X 1C X 6.0 Meter Long With Grounding C-Clamp Suitable for 11-33KV | 3.00      | Each  | 2346.00        | 18480.00                                         | 55440.00  | 3000.00                                        | 9000.00   |

| L1 Amount | L1 Vendor                  |
|-----------|----------------------------|
| 224000.00 | BBN ENERGY SYSTEMS PVT LTD |
| 61600.00  | BBN ENERGY SYSTEMS PVT LTD |
| 60000.00  | DOSHI ELECTRIC ENGG. CO.   |
| 7500.00   | DOSHI ELECTRIC ENGG. CO.   |
| 11200.00  | BBN ENERGY SYSTEMS PVT LTD |
| 1344.00   | BBN ENERGY SYSTEMS PVT LTD |
| 10080.00  | BBN ENERGY SYSTEMS PVT LTD |
| 9000.00   | DOSHI ELECTRIC ENGG. CO.   |

| SCHEDULE OF WORK / ITEM(S) |                                                                                                                                                                                                                                               |           |       |                |                                                  |           |                                                |           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|----------------|--------------------------------------------------|-----------|------------------------------------------------|-----------|
| Sl.No                      | Description of Work / Item(s)                                                                                                                                                                                                                 | No.of Qty | Units | Estimated Rate | BBN ENERGY SYSTEMS PVT LTD(GSTN-06AAECB3449D1Z0) |           | DOSHI ELECTRIC ENGG. CO.(GSTN-24AAEFD3355K1ZI) |           |
|                            |                                                                                                                                                                                                                                               |           |       |                | Rate                                             | Amount    | Rate                                           | Amount    |
| 9.00                       | 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 33 KV grade as required : 300 Sqmm | 4.00      | Each  | 34390.00       | 12880.00                                         | 51520.00  | 9000.00                                        | 36000.00  |
| 10.00                      | Supply of 1 X 16 Sqmm sizes un-armoured Aluminium solid conductor XLPE insulated, PVC tape inner sheathed Cable for working voltage 1.1 KV grade & as per IS: 7098 (Part- I ) 1988 with up to date ammendments, complete etc as required.     | 500.00    | mtrs. | 75.00          | 55.00                                            | 27500.00  | 150.00                                         | 75000.00  |
| 11.00                      | Supply and Installation of surge protection device ( SPD ) 04 pole ( B +C ) type including all interconnection including interconnection with earthing etc complete as required . ( Make :- As per AAI approved Make)                         | 22.00     | Job   | 16313.00       | 13440.00                                         | 295680.00 | 30000.00                                       | 660000.00 |

| L1 Amount | L1 Vendor                  |
|-----------|----------------------------|
| 36000.00  | DOSHI ELECTRIC ENGG. CO.   |
| 27500.00  | BBN ENERGY SYSTEMS PVT LTD |
| 295680.00 | BBN ENERGY SYSTEMS PVT LTD |

Total in Figures

847414.00

1268300.00

Lowest Amount Quoted BY: BBN ENERGY SYSTEMS PVT LTD(847414.00)

| BOQ Summary Details                                                                                                                                  |       |                            |              |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------|--------------|----------|
| Tender Title: Provision of Earthing with associated works and installation of surge protection device at various locations at S. V. Airport, Raipur. |       |                            |              |          |
| Tender ID: 2023_AAI_146221_1                                                                                                                         |       |                            |              |          |
| Sheet Name                                                                                                                                           | Sl.No | Bidder Name                | Amount       | Bid Rank |
| BoQ1                                                                                                                                                 | 1     | BBN ENERGY SYSTEMS PVT LTD | 8,47,414.00  | L1       |
|                                                                                                                                                      | 2     | DOSHI ELECTRIC ENGG. CO.   | 12,68,300.00 | L2       |

Signature Not Verified

Digitally signed by PRAMOD SONI  
Date: 2023.03.28 18:16:59 IST  
Location: eProcurement System for  
Central PSUs

