

752927/2021/O/o APD(BHOPAL)-WR

Government eProcurement System
Created By: Sandeep Yadav
Created Date/Time: 16-Feb-2021 04:01 PM
Tender Title: OFC laying
Tender ID: 2021_AAI_66547_1

Tender Inviting Authority: Airports Authority of India

Name of Work: OFC laying for Installation of Aviation Observation System (AWOS) / CWIS at Bhopal Airport.

Contract No:

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No. of Qty	Units	Estimated Rate	R R GUPTA STEEL INDUSTRIES(GSTN-06AHI PG3163C27P1)		A S INFOTECH E SOLUTIONS PVT LTD(GSTN-07AACC16872E1771)		TNS Networking Solutions Pvt Ltd(GSTN-07AACC16872E1771)	
					Rate	Amount	Rate	Amount	Rate	Amount
1.00	Supply of single mode, 12 core, 9/125 mm multi tube armored OFC (Specifications as per Annexure - I)	500.00	Meter		150.00	75000.00	89.00	44500.00	70.00	35000.00
2.00	Supply of 40mm dia. PLB HDPE pipe	500.00	Meter		140.00	70000.00	98.00	49000.00	70.00	35000.00
3.00	PVC Conduit pipe 32mm dia.	50.00	Meter		100.00	5000.00	86.00	4300.00	70.00	3500.00
4.00	CAT6 SFTP	305.00	Meter		45.00	13725.00	70.00	21350.00	50.00	15250.00
5.00	Supply offiber patch cord									
5.01	3M	10.00	Nos		1600.00	16000.00	2500.00	25000.00	1450.00	14500.00
5.02	1M	10.00	Nos		1500.00	15000.00	1800.00	18000.00	1450.00	14500.00
6.00	Supply of Pigtaills	30.00	Nos		600.00	18000.00	350.00	10500.00	450.00	13500.00
7.00	Supply of OFC Termination/Distribution units									

L1 Amount	L1 Vendor
35000.00	TNS Networking Solutions Pvt Ltd
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13725.00	R R GUPTA STEEL INDUSTRIES

14500.00	TNS Networking Solutions Pvt Ltd
14500.00	TNS Networking Solutions Pvt Ltd
10500.00	A S INFOTECH E SOLUTIONS PVT LTD

16/2/2021
BHASWATI GHOSH
AGM(CNS)

PAWAN KUMAR CHAUHAN
SM(FIN)

16/2/2021
PAWAN KUMAR CHAUHAN
AGM(ENGG-ELECT)

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7.01	6/12 Port Fiber LIU fully loaded as per specification	2.00	Nos
7.02	Fiber Joint Enclosure 12 core	2.00	Nos
8.00	OFC LAYING WORK : Installation of OFC cables through HDPE pipe shall be carried out in one of the three ways as mentioned below and as per Actual site conditions and AAI requirements.		
8.01	Outdoor laying of OFC through HDPE pipe in existing trench/duct available Laying/pulling of Fiber cable THROUGH 40mm dia. HDPE pipe with wall clamping.	300.00	Meter
8.02	Outdoor laying of HDPE and OFC cable by digging in soft soil and hard soil		
8.03	HDD shall be preferred to avoid excavation of operational area and soil while crossing the RUNWAY/TAXIWAY and to avoid damage of other services on operational area as well as non-feasibility of manual digging. Vendor shall carry out manual/machine HDD as per length of excavation required. The depth of HDD shall be 1.5 to 5 meter. HDPE pipe shall be laid through HDD and OFC cables shall be pushed later in the pipe.	150.00	Meter
8.04	OFC cables shall be laid underground at a depth of minimum 1 meter. This shall include excavation of duct, laying of HDPE pipe and putting OFC cables inside, to supply & put half round RCC Hume pipes on top for protection of the cable, refilling of the duct and restoration of site as earlier. Metal route markers shall be installed at every 30 meter.	50.00	Meter
8.05	MANHOLE(Specification)		

14000.00	28000.00	8600.00	17200.00	12500.00	25000.00
6000.00	12000.00	7800.00	15600.00	5500.00	11000.00
60.00	18000.00	110.00	33000.00	100.00	30000.00
450.00	67500.00	680.00	102000.00	550.00	82500.00
250.00	12500.00	580.00	29000.00	1650.00	82500.00

17200.00	A S INFOTECH E SOLUTIONS PVT LTD
11000.00	TNS Networking Solutions Pvt Ltd

18000.00	R R GUPTA STEEL INDUSTRIES
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67500.00	R R GUPTA STEEL INDUSTRIES
12500.00	R R GUPTA STEEL INDUSTRIES

16/12/2021
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8.06	Pre-cast RCC loop chambers for manhole or inspection chambers of size 60cm X 60cm X 75cm (for underground cables as per requirement) with cover shall be installed at every 100 meters. These chambers shall be visible and easily accessible in the event of any fault. During pulling of OFC cables through HDD route, spare cable loop shall be kept of appropriate length in loop chambers to meet future requirements for maintenance of OFC cables. Vendor shall prepare a manhole installation plan based on site survey prior to duct installation wherever required. Length of looped cable shall be around 5 meter and shall be in the shape of numeral '8' to avoid twisting and kinking during splicing/jointing. The extra cable loop lengths shall be recorded and incorporated in route diagram. Simplex caps shall be installed at the end of ducts through which fiber has been blown. Vendor shall plan the cable blowing operation including preparation of cable drums schedule such that to the extent possible in consent with AAI.	2.00	Nos
9.00	DOCUMENTATION		
9.01	Fiber termination for fusion splicing complete with splice pack includes Testing of fiber cores with test reports conforming to industry standards.	1.00	Nos
9.02	Testing & certification of Network by vendor and AAI.	2.00	Nos
9.03	Commissioning and Documentation: Vendor /system integrator shall provide all the details of the integrated system regarding physical installation, cable route on the Grid Map, wiring diagram and system interfaces etc in hard and soft copy.	3.00	Nos
9.04	ATP(Acceptance Test Procedure) document(Approved by AAI) submission.	1.00	Nos

14000.00	28000.00	3000.00	6000.00	7500.00	15000.00
10000.00	10000.00	20000.00	20000.00	25000.00	25000.00
15000.00	30000.00	20000.00	40000.00	15000.00	30000.00
20000.00	60000.00	10000.00	30000.00	10000.00	30000.00
15000.00	15000.00	20000.00	20000.00	20000.00	20000.00

6000.00	A S INFOTECH E SOLUTIONS PVT LTD
10000.00	R R GUPTA STEEL INDUSTRIES
30000.00	R R GUPTA STEEL INDUSTRIES , TNS Networking Solutions Pvt Ltd
30000.00	A S INFOTECH E SOLUTIONS PVT LTD, TNS Networking Solutions Pvt Ltd
15000.00	R R GUPTA STEEL INDUSTRIES

Total in Figures

493725.00

485450.00

~ 482250.00

Lowest Amount Quoted BY: TNS Networking Solutions Pvt Ltd(482250.00)

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AGM (ELECT-ENG6)

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BOQ Summary Details
Tender Title: OFC laying
Tender ID: 2021_AAI_66547_1

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	TNS Networking Solutions Pvt Ltd	482250.00	L1 ✓
	2	A S INFOTECH E SOLUTIONS PVT LTD	485450.00	L2
	3	R R GUPTA STEEL INDUSTRIES	493725.00	L3

8/12/2021
BHASWATI GHOSH
AGM (CITS)

16/12/2021
PAWAN SINGH DEHAHAN
SMT (FIN)

16/12/2021
PAWAN KUMAR ZUTSH
AGM (ENGG. ELECT)