

AAI/CH/CS-1/Com.Stores/22-23

21st April, 2022

To
M/s. BBN Energy Systems P Limited
Plot No: 234, Sector-37, Phase-VI
Udhyog Vihar, Gurgaon-122001

**Sub: - Supply, Installation, Testing of Lightning Arresters
& Earthing Systems for Nav-aids units, AAI, Chennai-reg**

Sir,

The General Manager (CNS), Airports Authority of India, Chennai Airport, Chennai-600027 is pleased to accept your offer vide Tender ID No: 2022_AAI_103591_1 towards Supply, Installation, Testing of Lightning Arresters & Earthing Systems for Nav-aids units, AAI, Chennai Airport at a total cost of Rs.53,96,431/- (Rupees fifty three lakhs ninety six thousand four hundred and thirty one only) inclusive of GST @18%.

Terms & Conditions: -

- Effective Date of work order shall be date of issue of work order through e-mail by AAI.
- Supply of all materials shall be made at respective sites of Nav-aids units within 90 calendar days from effective date.
- Installation & Testing shall be completed within 90 calendar days from receipt of material at site or readiness of site issued by AAI.
- Supply of materials in whole Lot, Installation and Testing work shall be completed in accordance with the enclosed **Annexure-1**.

➤ **Contd.**



क्षेत्रीय मुख्यालय, दक्षिणी क्षेत्र, प्रचालन कार्यालय कॉम्पलेक्स, चेन्नई- 600 016. दूरभाष / Tel:044-2256 7000, फैक्स /Fax:044-2256 1010

Regional Headquarters, Southern Region, Operational Offices Complex, Chennai Airport, Chennai - 600 016. ई.मेल / E-mail:redsr@aai.aero

Accepted



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- The Supplier shall submit an unqualified **Performance Bank guarantee (in lieu of contract performance security) of the value equivalent to 3 % (three percent) of the basic price** to AAI in the form of an irrevocable and unconditional bank guarantee on scheduled commercial bank as per the following guidelines for drawing PBG.
- SOP for Performance Bank Guarantee Verification through SFMS of ICICI BANK:
 - a) AAI has made arrangement for Verification of Bank Guarantees received by AAI from Vendors/Customers/Concessionaries through Structured Financial Messaging System (SFMS) of ICICI bank.
 - b) The prospective successful bidder shall submit the Bank Guarantee (PBG/BG-SD/FPG) in accordance with the given bank details:
Corporate Name : AIRPORTS AUTHORITY OF INDIA
Bank Name : ICICI BANK
IFSC Code : ICIC0000007
BG Advising Message: IFN 760COV (BG ISSUE)
IFN 767COV (BG AMMENDMENT)
Unique Identifier Code: AAICHENNAI
 - c) While submitting the documents to BG issuing bank, the Vendors/Customers/Concessionaries will also submit a letter to the issuing bank as per the attached **Annexure-2**.
- Payment shall be released as per **NIT clause-21** of Section-B.
- In the event of delay in supply of materials as per the delivery schedule or as ordered, for a delay in delivering the item ordered, liquidated damages @0.5% of the value of the supply order per week of delay, treating part of week as one whole week subject to maximum of 10% of the value ordered will be deducted while making payment.

➤ **Contd.**



Accepted



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- While generating the **GST Invoice in the prescribed format clearly indicating the SAC/HSN Code & also incorporating AAI GST No.33AAACA6412D1ZF** and forward to "The General Manager (CNS), Airports Authority of India, ATS Complex, Meenambakkam, Chennai Airport, Chennai-600027 for payment action.
- Kindly provide bank details for making payment through RTGS.
- Please acknowledge the receipt in acceptance of this supply order.

Thanking you,

Yours sincerely,



(T. PATTURAJA)

Dy.General Manager (CNS)
for General Manager (CNS)
Chennai Airport.



टी. पट्टुराजा / T. PATTURAJA

उप महाप्रबंधक (सं.दि.नि.)

Deputy General Manager (CNS)

दक्षिणी क्षेत्र, चेन्नई हवाई अड्डा

Southern Region, Chennai Airport

चेन्नई - 16 / Chennai - 16

Accepted



TO BE FILLED IN NIC/CPP E-TENDER PROCUREMENT PORTAL ONLY

E_Tender ID : XXXXXXXX

Tender No. XXXXXXXX

Supply, Installation & Testing of Lightning Arresters & Earthing System

SL.NO (1)	DESCRIPTION OF ITEMS (AS PER THE REQUIREMENTS & SPECIFICATIONS OF THIS TENDER DOCUMENT) (2)	QTY. (3)	UNIT (4)	UNIT RATES Without GST (INR) (5)	Unit Rate with GST (INR)	TOTAL AMOUNT WITHOUT GST (INR)	TOTAL AMOUNT WITH GST (INR)
1	COST OF SUPPLIES						
1.1	Earthing System complete with Copper (Cu) Plate of ETP Grade (IS:191-Part V) Copper of 600 X 600 X 3.15 mm connected with copper Strip of ETP Grade (IS:191-Part V) Copper of 25x3mm from copper plate to earth pit termination busbar, GI pipe for Watering 40mm dia of minimum 3.0-metre long or more (as per site requirement), Inspection Chamber, Earthing Pit Cover, accessories etc as per the specifications mentioned. Per requirements of the tender inclusive of all charges, levies, Freight charges etc.	43	lot				
1.2	Copper Strip of ETP Grade (IS:191-Part V) Copper (Cu) 25x3mm with accessories as per the requirements of the tender inclusive of all charges, levies, Freight charges etc	145	Meter				
1.3	Braided copper wire of ETP Grade (IS:191-Part V) of diameter 10mm (>70 mm ²) for Horizontal Air Terminal along with all accessories/items, installation material etc., as per requirements of the tender inclusive of all charges, levies, Freight charges etc.	105	Meter				
1.4	PVC insulated copper cable (70mm ²) of ETP Grade (IS:191-Part V) along with all accessories/items, installation material etc as per the requirements of the tender inclusive of all charges, levies, Freight charges etc	85	Meter				
1.5	GI Pipe: GI pipe of class B and minimum diameter of 32 mm for protection/laying of copper strip. All accessories/items, installation material etc. as per the requirements of the tender inclusive of all charges, levies, Freight charges etc	144	Meter				
1.6	Equipotential bonding and transient earth bonding (TEB) as per the specifications mentioned all accessories/items, installation material etc as per the requirements of the tender inclusive of all charges, levies, Freight charges etc.	07	Lot				
1.7	Frangible Fiber Reinforced Plastic (FRP) poles for installation of Horizontal Air Terminal as per the specifications mentioned for Horizontal Lightning Arrestor for Localizer Antenna Array of Localizer 07/25 sites with accessories as per the requirements of the tender inclusive of all charges, levies, Freight charges etc	10	Lot				
1.8	Vertical Air Terminal/Lightning Arrestor of minimum length 18 inches and diameter 3/8 inch. The grade of copper is Electrolytic Tough Pitch Copper (IS:191-Part-V), with all accessories/items, installation material etc. as per the requirements of the tender inclusive of all charges, levies, Freight charges etc.	15	Lot				
1.9	Fibre Reinforced Plastic (FRP) pole for installation of Vertical Air Terminal as per the specifications mentioned for Vertical Lightning Arrestor with accessories as per the requirements of the tender inclusive of all charges, levies, Freight charges etc	15	Lot				
1.10	GI mast for installation of Vertical Air Terminal as per the specifications mentioned for Lightning Arresters in DVOR/GBAS sites with accessories as per the requirements of the tender inclusive of all charges, levies, Freight charges etc	09	Lot				
1.11	GI mast for installation of Vertical Air Terminal as per the specifications mentioned for Lightning Arresters in Localizer Building with accessories as per the requirements of the tender inclusive of all charges, levies, Freight charges etc	02	Lot				
1.12	Transient Event Counter with all-weather box and have transparent window. Sensitivity: Minimum current of 250A (8/20 microsecond) Maximum current of 100kA (10/350 microsecond) with accessories as per the requirements of the tender inclusive of all charges, levies, Freight charges etc	15	Lot				
2	Cost of Installation & Testing						
2.1	Installation and Testing of Complete Earth System as per tender requirements.	43	Lot				
2.2	Laying of GI Pipes, on wall/Roof/soil	144	Meter				
2.3	Installation of Copper Strip on wall or on floor/roof or through GI pipes as per site.	145	Meter				
2.4	Installation of PVC Copper cables on wall or on floor/roof or through HDPE pipe as per site.	85	Meter				
2.5	Installation and testing of Conventional Vertical Lightning Arrestor.	15	Lot				
2.6	Installation and testing of Horizontal Lightning Arrestor at Localizer Antenna.	02	Lot				
	GRAND TOTAL						

E_Tender Id. XXXXXXXX

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Signature & Seal of Bidder Firm

Accepted



ANNEXURE-2

Request Letter: Transmission of Bank Guarantee Cover Message.

(to be submitted by applicant to BG issuing bank)

Date: _____

The Manager,

_____ (Bank),

_____ (branch)

Sub: Inclusion of unique identifier code of AAI while transmitting BG cover messages where beneficiary bank is ICICI BANK (IFSC – ICIC00000007).

Dear Sir / Madam,

I/We, _____ request you to include unique identifier **AAICHENNAI** in field 7037 of the SFMS cover messages IFN COV760 (for BG issuance) and IFN COV 767 (for BG amendment) while transmitting the same to the beneficiary bank (ICICI Bank-IFSC-ICIC00000007).

Thanking you,

(Vendor / Customer / Concessionaire)



Accepted



Signature Not Verified

Digitally signed by S ANNARANI
Date: 2022.04.27 12:03:03 IST
Location: eProcurement System for Central PSUs