



प्रसार भारती/ PRASAR BHARATI
भारत का लोक सेवा प्रसारक/ INDIA'S NATIONAL PUBLIC SERVICE BROADCASTER
आकाशवाणी महानिदेशालय/DIRECTORATE GENERAL: ALL INDIA RADIO
योजना और विकास एकक आकाशवाणी भवन, संसद मार्ग, नई दिल्ली-110001
P & D UNIT, AKASHVANI BHAWAN, SANSAD MARG, NEW DELHI-110001
[क्रय अनुभाग/PURCHASE SECTION]

No. 01(53)11/NIT-36/2020-D(P)E/2403

Dated: 02.09.2020

Corrigendum/ Addendum-II to NIT-36/2020

Tender no. 12(51)01/6Bay/2020/D(P)/669-D(P-S)Cell/E:-

{Supply of 6 Bay Circularly Polarized Side Mount (Pole type) VHF FM Antenna with Omni-Directional/ Directional Patterns}.

Reference: M/s Harriban broadcasting and communication LLP letter No. HBB/DG:AIR/200807 dated 07.08.2020.

A. The following clauses of AIR specification No: 6-BAY VHF FM ANTENNA/46/JANUARY/2020/-D(TD/FM)-Rev.2 are amended as under.

1. The clause 1.2 under Section-I may be read as

1.2 INSPECTION:

- a. Detailed Pre-dispatch Inspection (PDI) of complete VHF FM Antenna system will be carried out at OEM's Works by **two engineers** of All India Radio as per details given in Section-III. **However, AIR at its discretion may decide to opt for conducting PDI remotely through online/video conference considering the ongoing Covid-19 Pandemic scenario.**
- b. Call for PDI of VHF FM Antenna is to be given by the tenderer to All India Radio at least **4 weeks in advance**. Inspection period will be as per details given in Section-III.
- c. For AIR inspecting engineers, expenses towards to and fro air journey, boarding, lodging etc. will be borne by All India Radio.
- d. The complete Acceptance Test Procedure/Protocol (ATP) will be prepared by the OEM of the VHF FM Antenna and other equipment/items as per Section-IV (A&B) and submitted to DDG (E-FM), P&D Unit, DG: AIR for approval within 15 days of issue of Acceptance of Tender. ATP will also indicate full details of setup for measuring/testing equipments to be deployed during the performance measurements/inspection. The **approved ATP** shall form the basis for performance measurements/inspection to be carried out. All India Radio has the right to include other technical parameters in ATP submitted by OEM within the ambit of specification of the product offered.

in place of

- a. Detailed inspection of complete VHF FM Antenna system will be carried out at Tenderer's Works/Site by **two engineers** of All India Radio as per details given in Section-III.

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- b. Prior intimation for carrying out inspection at tenderer's Works/Site is to be given by the tenderer to All India Radio at least **2 weeks in advance**. Inspection period will be as per details given in Section-III.
- c. For AIR inspecting engineers, expenses towards to and fro air journey, boarding, lodging etc. will be borne by All India Radio.
- d. The complete Acceptance Test Procedure/Protocol (ATP) will be prepared by the OEM of the VHF FM Antenna and other equipment/items as per Section-IV (A&B) and submitted to DDG (E-FM), P&D Unit, DG: AIR for approval within 15 days of issue of Acceptance of Tender. ATP will also indicate full details of setup for measuring/testing equipments to be deployed during the performance measurements/inspection. The **approved ATP** shall form the basis for performance measurements/inspection to be carried out. All India Radio has the right to include other technical parameters in ATP submitted by OEM within the ambit of specification of the product offered.

2. The clause Inspection details under Section-III may be read as

INSPECTION DETAILS:

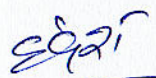
The inspection for acceptance of the Complete 6-Bay Circularly Polarized Side Mount (Pole Type) VHF FM Antenna system will be carried out at OEM's Works by **two Engineers** of All India Radio (AIR) in accordance with Acceptance Test Procedure/Protocol(ATP). All facilities like complete set of measuring instruments, power supply, manual assistance etc. will be provided by the tenderer/OEM.

The tenderer shall put up all the 6-Bay Circularly Polarized Side Mount (Pole Type) VHF FM Antenna system for inspection in lot, out of which one 6-Bay directional antenna system and one 6-Bay omni-directional antenna system shall be inspected. Complete details and specifications of the above Antenna System will be checked and all parameter values will be measured. Inspection period shall be one working day for each Antenna system. One randomly selected single Bay (pole type) antenna shall be tested on ≥ 7.5 kW for 02 Hrs. at a frequency of 108.0 MHz to ensure the power handling capability of the antenna. The tenderer/OEM should arrange to test the single bay (pole type) antenna for ≥ 7.5 kW power.

For the remaining antenna system, the VSWR/Return loss vs frequency measurement in the VHF Band II i.e. 88 MHz to 108 MHz and pressurization up to antenna dipoles are to be checked. Inspection period shall be one additional working day against every set of three Antenna system. Other technical parameters as per Section-II will be accepted on the basis of Original Equipment Manufacturer's(OEM) Test Certificates, duly signed and stamped on the letter head of the OEM, failing which Test Certificates will be considered incomplete and equipment offered by the firm is liable to be rejected.

Exhaustive checking and measurements will be carried out so as to completely check the compliance of 6-Bay Circularly Polarized Side Mount (Pole Type) VHF FM Antenna System and its sub systems as per approved ATP (based on AIR as well as OEM specifications).

It is mandatory that all these testing/measurements of 6-Bay Circularly Polarized Side Mount (Pole Type) VHF FM Antenna System as per parameters in Section-II at any three frequencies including operating frequencies in the VHF band i.e. 88 MHz to 108 MHz, are carried out well in advance as per approved ATP. These must be submitted to All India Radio along with the call for inspection of 6-Bay Circularly Polarized Side Mount (Pole Type) VHF FM Antenna well in advance for analyzing etc. These measurement details, graphical printouts and figures must also be available at the time of inspection.


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Following information should also form part of above data which will also be checked for each 6-Bay Circularly Polarized Side Mount (Pole Type) VHF FM Antenna during inspection by AIR representative:-

1.0 Origin of Country, Make, Type and Model of 6-Bay Circularly Polarized Side Mount (Pole Type) VHF FM Antenna, its accessories and spares.

in places of

The inspection for acceptance of the Complete 6-Bay Circularly Polarized Side Mount (Pole Type) VHF FM Antenna system will be carried out at the Tenderer's Works/Site by **two Engineers** of All India Radio (AIR) in accordance with Acceptance Test Procedure/Protocol(ATP). All facilities like complete set of measuring instruments, power supply, manual assistance etc. will be provided by the tenderer.

The tenderer shall put up all the 6-Bay Circularly Polarized Side Mount (Pole Type) VHF FM Antenna system for inspection in lot, out of which one 6-Bay directional antenna system and one 6-Bay omni-directional antenna system shall be inspected. Complete details and specifications of the above Antenna System will be checked and all parameter values will be measured. Inspection period shall be one working day for each Antenna system. One randomly selected single Bay (pole type) antenna shall be tested on ≥ 7.5 kW for 02 Hrs. at a frequency of 108.0 MHz to ensure the power handling capability of the antenna. The tenderer should arrange to test the single bay (pole type) antenna for ≥ 7.5 kW power.

For the remaining antenna system, the VSWR/Return loss vs frequency measurement in the VHF Band II i.e. 88 MHz to 108 MHz and pressurization up to antenna dipoles are to be checked. Inspection period shall be one additional working day against every set of three Antenna system. Other technical parameters as per Section-II will be accepted on the basis of Original Equipment Manufacturer's(OEM) Test Certificates, duly signed and stamped on the letter head of the OEM, failing which Test Certificates will be considered incomplete and equipment offered by the firm is liable to be rejected.

Exhaustive checking and measurements will be carried out so as to completely check the compliance of 6-Bay Circularly Polarized Side Mount (Pole Type) VHF FM Antenna System and its sub systems as per approved ATP (based on AIR as well as OEM specifications).

It is mandatory that all these testing/measurements of 6-Bay Circularly Polarized Side Mount (Pole Type) VHF FM Antenna System as per parameters in Section-II at any three frequencies including operating frequencies in the VHF band i.e. 88 MHz to 108 MHz, are carried out well in advance as per approved ATP. These must be submitted to All India Radio along with the call for inspection of 6-Bay Circularly Polarized Side Mount (Pole Type) VHF FM Antenna well in advance for analyzing etc. These measurement details, graphical printouts and figures must also be available at the factory at the time of inspection.

Following information should also form part of above data which will also be checked for each 6-Bay Circularly Polarized Side Mount (Pole Type) VHF FM Antenna during inspection by AIR representative **at tenderer's Works/Site:**

1.0 Origin of Country, Make, Type and Model of 6-Bay Circularly Polarized Side Mount (Pole Type) VHF FM Antenna, its accessories and spares.

Signature
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3. The clause/S. No. 3 under Section-IV(A).1 may be read as

3.	Inspection charges of VHF FM Antenna as per AIR specification.			Lot	1 Lot
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in place of

3.	Inspection charges at tenderer's Works/Site of VHF FM Antenna as per AIR specification.			Lot	1 Lot
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4. The clause/S. No. 3 under Section-IV(A).2 may be read as

3.	Inspection charges of VHF FM Antenna as per AIR specification.			Lot	1 Lot
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in place of

3.	Inspection charges at tenderer's Works/Site of VHF FM Antenna as per AIR specification.			Lot	1 Lot
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B. Accordingly Amended excel sheets of UnPrice Bid and Price bid are being uploaded. The Excel sheets of Price Bid and Unprice Bid uploaded previously will be treated as cancelled.

C. Extension of tender submission / opening dates:

Sl. No.	Tender Ref. No.	Description of Stores	Tender Submission Date (Online)		Tender Opening Date (Online)	
			FOR	READ	FOR	READ
1	No.12(51) 01/6Bay/ 2020/D(P)/ 669-D(P-S) Cell/E	Supply of 6 Bay Circularly Polarized Side Mount (Pole type) VHF FM Antenna with Omni-Directional/ Directional Patterns.	02.09.2020 (02:30 PM)	23.09.2020 (02:30 PM)	02.09.2020 (03:00 PM)	23.09.2020 (03:00 PM)

SDP
02/09/2020

NOTE:

- i. The bid forms, General Instructions to Bidders and other details including amendments/ changes can be viewed/ downloaded from the website <http://prasarbharati.eproc.in>.
- ii. Tender notice is also available on the Prasar Bharati website www.prasarbharati.gov.in (using the link: Tender) and CPP PORTAL on website <http://eprocure.gov.in>.

Handwritten signature and date: 02/09/2020

(हृदेश कुमार/ Hirdesh Kumar)

निदेशक (अभि.)/ Director (Engg.)

कृते महानिदेशक आकाशवाणी/for Director General: All India Radio

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