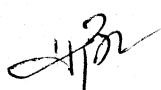


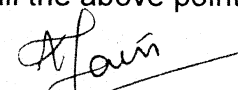
PRASAR BHARATI / प्रसार भारती
(BROADCASTING CORPORATION OF INDIA) / भारतीय प्रसारण निगम
DIRECTORATE GENERAL: ALL INDIA RADIO / आकाशवाणी महानिदेशालय
PLANNING AND DEVELOPMENT UNIT / योजना एवं विकास एकक

SPECIFICATION OF HAND HELD DIGITAL OB RECORDER/PORTABLE DIGITAL RECORDER FOR NEWS

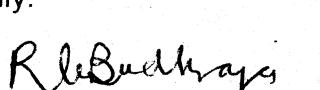
1. GENERAL

- 1.1 This specification pertains to Hand Held Digital OB Recorder/Portable Digital Recorder for News for outdoor sound recordings, using semiconductor memory as a recording medium.
- 1.2 The tenderer must submit the following documents along with tender.
 - 1.2.1 **A point-to-point compliance statement as per Annexure-I highlighting deviations, if any, on all the clauses of specification from the manufacturer of the offered equipment duly signed in original. Actual performance figures should also be quoted under remarks column. If compliance statement is in format other than Annexure-I, the tender will be rejected out rightly.**
 - 1.2.2 **A certificate in original from the original manufacturer that the tenderer has been authorized to quote the tender for All India Radio should be enclosed. No sub authorization will be allowed.**
 - 1.2.3 **Complete printed technical literature and specification of the equipment being offered to support the compliance statement.**
- 1.3 **Incomplete tenders are liable to be rejected without any notice to the tenderer.**
- 1.4 The tenderer will be required to demonstrate the functioning of the equipment being offered in New Delhi. Measuring equipment shall also be brought by the tenderer for verification of performance measurements of the offered equipment. **Non-compliance of equipment demonstration and performance measurements shall disqualify the tender.**
- 1.5 The tenderer must ensure that the tender is technically complete in all respects and all the above points have been complied with fully.


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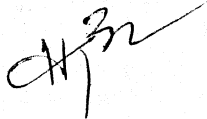

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DE(MR)

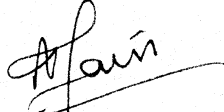
2. SCOPE OF THE TENDER


The specification is for supply of Hand Held Digital OB Recorder/Portable Digital Recorder for News & Accessories at different stations of All India Radio as detailed in Annexure –III.

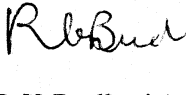
3. FEATURES AND FACILITIES

- 3.1 The recorder shall be lightweight, reliable, rugged, small sized, self-contained, one hand operative with LCD display. The recorder shall be designed to withstand tropical conditions.
- 3.2 The recorder shall have the facility to record on semiconductor memory.
- 3.3 The recorder shall have the capability of recording stereo audio in 16 bit PCM linear digital format (.WAV file format).
- 3.4 The buttons/switches for various operations like recording, play, pause, fast forward, rewind/ review should be provided on the front panel in clearly marked logical layout. The buttons/switches should be quite sturdy for reliable operation.
- 3.5 The record/stop buttons should be so located that it should be possible to easily operate the recorder for recording/stop while on move. Other necessary switches, buttons and controls, etc. should be provided at easily accessible locations.
- 3.6 Necessary indicators showing the mode of operation, level, status of the battery and the memory card capacity, recorded time and remaining time etc. should be distinctly visible on LCD display panel.
- 3.7 The LCD display panel shall have backlit display.
- 3.8 The recorder shall have the facility to save and delete the recorded material.
- 3.9 The recorder shall have built-in or externally attached Stereo microphone. The capsule of this stereo microphone should be protruding out of equipment and should be clearly visible. Stereo microphone connected to equipment using a cable shall not be accepted. In case of externally attached stereo microphone, the connection should be such that the microphone doesn't get disconnected by sudden jerk.


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- 3.10** The equipment will also have the provision of connecting external microphone for recording. This provision will be in addition to provision at Para 3.9. However, only one microphone will be operational at a time. Necessary connector/cable for connecting external microphone will be quoted & supplied.
- 3.11** The recorder should provide facility for transfer of audio data to workstation through USB connectivity.
- 3.12** The equipment should have level indicators for displaying programme level during recording/playback.
- 3.13** The equipment will operate on a battery of adequate capacity to support at least 90 minutes continuously recording. The equipment will have facility to indicate Low battery level.

4. TECHNICAL SPECIFICATION

4.1 Recording/Play Mode

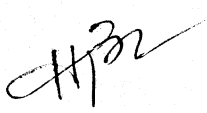
- 4.1.1 Recording media** 2 GB (or higher) semi-conductor memory
- 4.1.2 Recording Format** PCM Linear Digital (.WAV)
- 4.1.3 Supported Sampling Rate** At least 32/44.1/48 KHz, selectable
- 4.1.4 Supported Bit Resolution** ≥ 16 bits

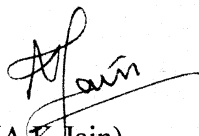
4.2 Power

- (a) Internal Battery AA or AAA
- OR (b) Internal Chargeable battery along with charger
- OR (c) (a) and (b) both

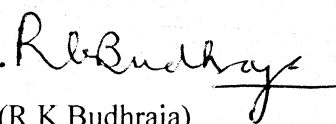
4.3 Input

- (a) With a built-in /externally attached Stereo microphone


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