

BY SPEED POST

Prasar Bharati
(Broadcasting Corporation of India)
Broadcasting House: All India Radio
New Delhi

No. DEL 1 (2)/NBH/Opt. Disc Player/ 2011-12-E

30.01.2012

EXTENSION OF OPENING DATE

Subject: Procurement of Optical Disc Player.

Reference to this office enquiry letter no. DEL 1 (2)/NBH/Opt. Disc Player/ 2011-12-E/ 8934 dt. 23.01.2012 on the above subject. The date of opening of quotation for **Supply of Optical Disc Player** is hereby extended up to 08.02.2012. The tender would now be opened on 08.02.2012 at 3.30 p.m.

Yours faithfully,

S. C. Pachauri
(S.C. Pachauri) 30/1/12
Asstt. Director (E)
for DDG (E)



PRASAR BHARATI / ए सार भारती
(BROADCASTING CORPORATION OF INDIA) / आरती यय सारणकि गम
ALL INDIA RADIO / आकाशवाणी

SPECIFICATION FOR OPTICAL DISC PLAYER

1. GENERAL

- 1.1 This specification pertains to Optical Disc Player for use in Radio Studios for Audio Play back purpose.
- 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 may be rejected.
 - 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.
 - 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.
- 1.5 The tenderer must ensure that the tender is technically complete in all respects.

2. SCOPE OF THE TENDER

Specification of Optical Disc Player

The specification is for supply of Optical Disc Player at AIR Stations for Audio Playback purpose. The Bill of Material (BOM) is shown at Annexure- II.

3. FEATURES AND FACILITIES

- 3.1 The equipment should be rugged and reliable.
- 3.2 Various Controls/Buttons/switches for various operations like Play, stop, pause etc. should be provided on the equipment in clearly marked logical layout. Necessary Visual indications for Power-On, Playing Status of Player (Play, pause, stop) etc. should be available. The buttons/switches should be sturdy for reliable operation.
- 3.3 The equipment shall work on 230 V \pm 10%, 50 Hz A.C. supply. The power supply unit of the equipment shall be protected against overload, short circuit and over-voltage etc.
- 3.4 The equipment shall be supplied with all necessary inter-connecting cables, Power cables, Remote controls for Remote operations, etc.
- 3.5 The equipment shall have mechanism for front loading of Disc with soft eject feature.
- 3.6 The equipment should have Audio exclusive mode for working with Audio only.
- 3.7 The Player should have following input/outputs:
 - i) Stereo Analog Out 1 No.
 - ii) AES3/SPDIF Digital Output 1 No.
(in case of SPDIF output, SPDIF to AES converter to be provided)
 - iii) USB/ Memory Card 1 No.
- 3.8 The player should be compatible for CD (Audio CD), SACD (Super Audio CD), DVD, DVD-A (DVD-Audio) & Blu-Ray Disc.
- 3.9 The player should have Compatibility with different formats of CD. (CD-Audio, CD-R & CD-RW etc.).
- 3.10 The Player should have Compatibility with different formats of DVD (DVD-A, DVD-R & DVD+R/RW etc.).
- 3.11 The Player should be able to recognize & Play MP3, AAC & WAV files.
- 3.12 The Player should also have USB or Memory Card play-back facility.
- 3.13 It should be possible to Cue an Audio track & Fast cue within an Audio track.
- 3.14 The Player shall display TOC (table of contents), elapsed time, remaining time, Disc error indication etc.



Specification of Optical Disc Player

- 3.15 The Player should auto stop after the end of an Audio track.
- 3.16 It should be possible to start Playback of cued item by remote contact closure or GPIO.
- 3.17 The player should be supplied with standard 19" Rack-mount kit.

4. TECHNICAL SPECIFICATIONS

- 4.1 Digital to Analog Conversion (Audio) Level Reference
0dbFS should refer to +24 dBU
- 4.2 Digital to Analog Conversion (Audio) Sampling & Bit-rate
upto 192 kHz/24 bit
- 4.3 Audio Frequency Response (Digital O/P)
Within ± 0.5 dB over 20Hz to 20 KHz
THD+N (Digital O/P)
- 4.4 $< 0.01\%$
- 4.5 Signal to Noise Ratio (Digital O/P)
 ≥ 100 dB at -20 dBFS
- 4.6 Dynamic Range (Digital O/P)
100 dB or better

5. WARRANTY

The equipment shall be warranted directly from OEM for a period of at least three-year from the date of supply against any manufacturing and design defect. In case of failure within this warranty period, the item will be repaired/replaced free of cost.

6. SPARES AND AFTER SALE SERVICE SUPPORT

The tenderer shall ensure availability of spares and after sale service support in India for the quoted equipment for a period of at least five years from the date of supply of last equipment.



Specification of Optical Disc Player
7. INSTRUCTION MANUAL

One set of operating and instructions manual of the equipment (Hard Copy as well as a softcopy on CD) shall be supplied along with each equipment. One Hardcopy shall be enclosed with the tender document.

8. MEASUREMENT CDs

Two measurement CDs containing different frequency Tones for measurement purpose shall be supplied.

ANNEXURE - I

S.No.	Para no. of AIR specification	Tenderer's solution		Remarks
		Complied (yes/no)	Actual Values of the offered product	

Annexure-II

Bill of Material for Optical Disc Player

Sno.	Item	Total Quantity
1	Optical Disc Player (with cables, connectors, remote & other accessories required to make the equipment fully functional)	6
2	3 Years Warranty	6
3	Operational & Instruction Manuals	6
4	Measurement CDs	1