

By Speed Post

PRASAR BHARATI
(BROADCASTING CORPORATION OF INDIA)
BROADCASTING HOUSE: ALL INDIA RADIO
NEW DELHI- 110001

NO.DEL-1(2)/NBH/Optical Disc player/2011-12-E

DATED: 06.01.2012

Subject: Procurement of Optical Disc Player

AIR intends to procure 06 nos. of **Optical Disc Player** for NBH as per the enclosed specifications/conditions mentioned in Annexure.

You may submit your most competitive offer along with the Bid Security Deposit of Rs. 10,000/- (Ten thousand only) by way of account payee Demand Draft / Banker's cheque only from any of the commercial banks in an acceptable form, in favour of **DDO, All India Radio, Delhi payable at New Delhi** to reach this office **latest by 18.01.2012 before 3.00 pm**. Your offer shall be valid for **90 days** from the date of price bid opening for placement of order.

PROCEDURE FOR SUBMISSION OF SEALED TENDERS:

The tenderers must submit their tenders as required in two parts in separate wax sealed covers prominently super-scribed as Part-I/ Technical Bid and Part-II/ Price Bid, also indicating on each of the cover, tender no. and date and time as mentioned above.

BID SECURITY (BS)(COVER-I)- Bid Security of Rs.10,000/- as mentioned above shall be placed in Cover-I. BS furnished by all unsuccessful tenderers shall be refunded normally within one week of acceptance of award of work to successful tenderer. BS shall not carry any interest. BS by the tenderer will be forfeited if the tenderer revokes his tender within the validity period or increases his earlier quoted rates or the tenderer does not commence the work within 15 days after award of the order.

TECHNICAL BID (COVER-II) : All technical details for the above with complete details regarding essential qualifications as asked for under qualifying requirements, deviations if any etc. shall be enclosed in Part-I/Technical Bid along with the copy of tender specifications and with other annexure **duly signed and stamped** as a token of acceptance of tender condition.

PRICE BID (COVER-III): The price-bid must contain all the taxes applicable viz. ED, VAT, Service Tax, Packing & forwarding charges, Insurance, Freight, Octroi and any other taxes applicable in totality. (VAT, Service Tax no. CST, St No. should be mentioned/ printed in the quotation) etc. & rates should be quoted per unit both in words and figure.

These three separate cover i.e.: Cover-I, II & III shall together be enclosed in a fourth envelope and this sealed cover shall be super scribed with tender no. due date and time and submitted to this office.

Envelope should have inscription as "**Supply of Optical Disc Player for NBH, AIR**". Quotations not received in line with the above are liable to be rejected. **Technical Bids shall be opened on 18.01.2012 at 3.30 pm** in the presence of tenderers who may be present at that time. Price bids of the eligible bidders shall be opened at a later date in the presence of tenderers, which will be notified later.

VAT: The tenderer should quote VAT separately. They should furnish their VAT number in their quotation.

Excise Duty: The tenderer should mention excise duty in clear terms separately, if applicable.

Terms of payment : Full payment will be made after delivery/testing of items supplied.

The office reserves the right to accept any quotation not necessarily the lowest. This office also reserves the right of increasing / decreasing the quantity of material depending on actual requirement.

This information is also available on AIR net. www.allindiaradio.org

A copy for pasting on notice board.

Yours faithfully,

S.C. Pachauri
(S.C. Pachauri) 6/1/12
Asstt. Dir. (Engg)
for DDG (Engg.)



PRASAR BHARATI / प्रसार भारती
(BROADCASTING CORPORATION OF INDIA) / भारतीय प्रसारण निगम
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
- 4.4 THD+N (Digital O/P)
< 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		
		Complied (yes/no)	Actual Values of the offered product	Remarks

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