

Specification for Multi-Format Hard Disk based DVD Recorder

DD Specification NO: SD/2007/03
Dated: 29.03.2007

1. General:

The specification lays down the required performance characteristic of professional Quality PAL standard Standalone Multi-Format HDD based DVD recorder to be used in TV Studios of DD network.

2. Essential Features:

- 2.1 The firm should offer DVD Recorder from the internationally reputed manufacturer. The equipment should be very reliable, robust, compact and desk mountable or 19" Rack Mountable.
- 2.2 The DVD Recorder should be Multi region capable. It should have user-friendly and versatile playback features.
- 2.3 User list of organizations, where such equipment has already been provided should invariably be enclosed along with the quote.
- 2.4 The offered system should be standalone unit and functional without the need of computer or any authoring software.
- 2.5 The Recorder should have internal HDD and one DVD drive.
- 2.6 The unit should have one Touch Recording button facility and able to record real time video.
- 2.7 Two-way copying, from HDD to DVD and DVD to HDD Should be possible.
- 2.8 Editing and titling facility such as rename/erase/protect/mark/hide of the recorded video should be possible.
- 2.9 The unit should have all function Remote control.
- 2.10 DVD Recorder should have simultaneous Recording and Playback facility.

- 2.11 DVD Recorder should have composite, DV, stereo audio inputs. It should have composite and YUV or RGB component video outputs along with Analog stereo outputs.
- 2.12 The Recorder should have PAL-B system RF Tuner with antenna input to receive VHF, UHF and CATV channels transmission.
- 2.13 The unit should have Variable Bit Rate Encoder to facilitate recording from 1 Hour to 6 Hour on a standard 4.7 GB DVD media.
- 2.14 It should operate on 230V, 50Hz Power supply.
- 2.15 Accessories such as Instruction and Service Manual, Audio Video Cord, Remote Control, SCART connectors should be quoted as part of the equipment.

3. Technical Specifications:

3.1	Region	Multi region capable recording / Playback
3.2	Video Encoder	MPEG-2, Variable Bit Rate [to enable 1 Hour to 6 Hours recording in a standard 4.7 GB DVD]
3.3	Video Format	PAL- B, 625/50
3.4	Recordable Disc	DVD-R, DVD+R, DVD-RW, DVD+RW
3.5	Playable Disc	DVD-R, DVD+R, DVD-RW, DVD+RW, DVD Video, DVD-RAM, DVD-Audio, AVCD, CD-R, CD-RW, JPEG and MP3 CD.
3.6	Hard Disc	250 GB
3.7	Two way Copy	HDD to DVD, DVD to HDD
3.8	Video Inputs	DV 6 pin or 4 pin (Fire wire / I link / IEEE 1394); CCVS
3.9	RF TV Tuner	TV RF PAL-B VHF/UHF/CATV
3.10	Video Outputs	Composite, Component
3.11	Audio Inputs	Audio L/R
3.12	Audio Outputs	Audio L/R
3.13	Power supply	230V +/- 10%, 50 Hz

4. Compliance:

A point by point compliance statement from the principal manufacturer in respect of all the points laid down in this specification is to be enclosed along with the offer in the format given below. Mere signature on the copy of our specification shall not be accepted as a compliance statement.

Compliance statement in the format mentioned below shall only be accepted. The manufacturer should also record the performance figures of their equipment offered in the quote for which the compliance statement is enclosed. **The figures so mentioned should be supported by record of these in the technical literature enclosed with the tender and reference to the page number of enclosed literature for all features and technical specifications should be mentioned in the relevant column and simultaneously highlighted in the**

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enclosed literature/manual. Offers without the compliance statement or incomplete compliance statement will be rejected with the sole responsibility of the tenderer. Any deviation from the specification detailed in the compliance statement is to be highlighted separately.

Sr.No of DD specs.	DD specs	Compliance (Yes/No)	Performance Fig. of eqpt. Offered.	Reference to the Page Number of enclosed literature	Deviations, in case of non-compliance	Optional items if any reqd. to make the sys. Compliant to DD specs.	Features in the sys. Offered Which exceed DD specs.

5. Accessories:

All the accessories such as Power cables, connectors etc. required to complete the system should be offered by the firm and the firm should certify the completeness of the system. All the optional items should be quoted separately. Firm must provide enough details about such optional items to decide its utility.

6. Documentation:

The equipment should be supplied along with the User guide & technical manuals for operation & maintenance. One copy of the above manuals should be supplied along with the tender for technical evaluation purposes on non-returnable basis. One set of the manual for equipment should be enclosed along with the tender for technical evaluation. Offers without the manuals for evaluation are liable to be rejected. Cost if any, for Operation and maintenance manuals pertaining to all the equipment may be indicated separately.

7. Price:

The tenderer must quote separately item wise price of all the items that constitutes the system. Prices of all the optional items should also be quoted separately.

8. Guarantee:

The System components including hardware & software should be guaranteed for two years of trouble free operation from the date of supply. Any failure within two years after the supply of system, it should be replenished free of cost. All the software up gradation during the guarantee period should be supplied free of cost.

9. Inspection:

The equipment shall be subjected to inspection by DD officials at New Delhi.

10. Enclosures

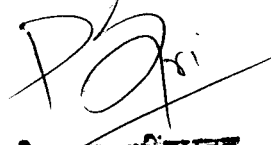
The firm must submit the following enclosures along with the tender to facilitate technical evaluation.

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1. Point to point compliance statement duly signed by the OEM
2. Technical manuals/Detailed technical literature/catalogues for all the offered products for substantiating the technical specification.
3. User list of the offered product/system.
4. Any other document mentioned elsewhere in the tender document.

The tender is liable to be rejected in the absence of the above enclosures with the sole responsibility of the tenderer.


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