



PRASAR BHARATI
(INDIA'S PUBLIC SERVICE BROADCASTER)
CENTRAL ARCHIVES
AKASHVANI BHAWAN, NEW DELHI-110001

No. L-11026/22/2026

Dated: 17/08/2026

Subject: Industry Feedback on Scope of Work and Technical Specifications for Archival Digitization, Restoration and Preservation for Archives of All India Radio and Doordarshan, Prasar Bharati under National Digitization Programme

Reference: Specification No. L-11026/22/2026, 17/08/2026

Prasar Bharati, India's Public Service Broadcaster, intends to undertake a comprehensive programme for archival survey, media recovery, restoration, digitization, metadata enrichment, preservation and integration of archival assets available in Akashvani (AIR) and Doordarshan (DD) networks. The programme is envisaged as a mission-mode archival preservation initiative based on open standards, interoperability and future portability, with emphasis on preservation-grade digitization, detailed metadata creation, restoration of vulnerable archival media, deep archival storage and avoidance of proprietary technological lock-in.

Accordingly, industry consultation and feedback is invited from prospective bidders/stakeholders/industry on the Scope of Work and Technical Specifications for Archival Digitization, Restoration and Preservation for Archives of All India Radio and Doordarshan, Prasar Bharati under National Digitization Programme as per the document enclosed herewith.

In view of the above,

- a. Prospective bidders/stakeholders are requested to go through the Scope of Work and Technical Specifications for the National Digitization Programme, envisaged by Prasar Bharati Network and provide their feedback and inputs on the draft the Tender/RFP document so that the digitization programme at national scale may be successfully implemented/rolled out.
- b. Prospective bidders are further requested to provide the budgetary estimate for the tender in the format prescribed under Annexure-VII, Bill of Quantities(BoQ).

Response along with the details a and b above, may be furnished through email by 31/08/2026 on to the following e-mail address:

To: *ashutoshkumar3@prasarbharati.gov.in*
Cc: *archives@prasarbharati.gov.in*

Encl. : As above

Ashutosh Kumar
17/08/2026
(Ashutosh Kumar)
Asstt. Director (Programme)
For DDG/HoO
Central Archives

To,

The Prospective bidders/stakeholders

No. L-11026/22/2026, Dated 17/08/2026

Scope of Work and Technical Specifications for Archival Digitization, Restoration and Preservation for Archives of Akashvani and Doordarshan, Prasar Bharati under National Digitisation Programme

1. Introduction

- 1.1. Prasar Bharati, India's Public Service Broadcaster, maintains extensive archival repositories through the networks of Akashvani (AIR) and Doordarshan (DD) comprising historically, culturally, socially and educationally significant audio and audio-visual content accumulated over several decades across multiple Indian languages and regions.
- 1.2. These archival holdings exist across diverse legacy media formats, many of which are now vulnerable to deterioration owing to media aging, fungus formation, tape degradation, equipment obsolescence and non-standardized preservation conditions. Certain archival media may already be partially damaged, physically unstable or difficult to retrieve through conventional playback systems. Delay in preservation and migration of such archival assets may result in irreversible loss of nationally significant content.
- 1.3. Recognizing the urgent requirement for long-term preservation of national broadcast heritage and the need to establish a scalable sovereign archival ecosystem, Prasar Bharati proposes to undertake a comprehensive programme for archival survey, media recovery, restoration, digitization, metadata enrichment, preservation and integration of archival assets with the existing Media Asset Management (MAM) ecosystem being developed under the WAVES OTT platform framework.
- 1.4. The programme is envisaged as a mission-mode archival preservation initiative based on open standards, interoperability and future portability, with emphasis on preservation-grade digitization, detailed metadata creation, restoration of vulnerable archival media, deep archival storage and avoidance of proprietary technological lock-in.

2. Objectives of the Programme

- 2.1. The proposed programme seeks to establish a long-term sovereign archival preservation ecosystem for the audio and audio-visual heritage assets of Akashvani and Doordarshan through creation of a scalable, future-ready and interoperable digital archival framework.
- 2.2. The programme aims to preserve and safeguard historically, culturally, socially and educationally significant broadcast heritage accumulated over several decades across multiple Indian languages, regions and artistic traditions, including vulnerable and endangered archival media presently at risk of deterioration or technological obsolescence.
- 2.3. The programme further seeks to facilitate long-term discoverability, preservation, accessibility and institutional reuse of archival assets through standardized archival workflows, metadata-driven archival management and integration with the evolving digital ecosystem of Prasar Bharati under the WAVES OTT and Media Asset Management framework.
- 2.4. The initiative is envisaged as a mission-mode national archival preservation programme aligned with principles of:
 - Long-term digital preservation,
 - Open standards and interoperability,

- Preservation authenticity,
- Sovereign archival control,
- Technological sustainability,
- Future archival portability.

2.5. The programme shall additionally support the broader objective of creating a structured national public service broadcast archive for future generations while enabling archival access and reuse for public service, cultural, educational, research and broadcast purposes in a secure and sustainable manner.

3. Existing Archival Ecosystem

- 3.1. The archival ecosystem of Prasar Bharati comprises extensive audio and audio-visual repositories distributed across various stations, Kendras, archival centres and production facilities of AIR and DD.
- 3.2. The AIR archival ecosystem broadly consists of multilingual audio archives including music recordings, speeches, news bulletins, literary recordings, cultural programmes, oral histories, regional heritage recordings and other historically significant audio content accumulated over several decades. The archives are presently distributed across multiple AIR stations and may exist in formats including open reel tapes, DAT tapes, audio cassettes, mini discs, compact discs, LTO media, digital storage media and other legacy recording formats.
- 3.3. Similarly, the DD archival ecosystem comprises large volumes of video archives including news footage, documentaries, cultural programming, educational content, sports broadcasts, parliamentary proceedings, regional productions and other public service broadcast content generated through the national and regional broadcast network over multiple decades. These archives may exist in formats such as U-Matic, Betacam, Betacam SP, Digital Betacam, DVC Pro, HDCAM, VHS/S-VHS, MiniDV, LTO, optical media and other legacy broadcast formats.
- 3.4. The archival holdings are geographically distributed and may presently exist under varying preservation and storage conditions. The exact archival volume, media composition and preservation condition shall be subject to detailed survey and technical assessment during implementation of the programme.

4. Definitions and Interpretation

For the purposes of this document, unless the context otherwise requires, the following terms shall have the meanings assigned below:

SN	Term	Indicative Meaning
1	Preservation Master	Primary archival preservation file created in open preservation format for long-term archival retention and preservation.
2	Raw Preservation Capture	Unprocessed preservation-grade digital capture created directly from original archival media prior to restoration or derivative generation.
3	Mezzanine Copy	High-quality operational archival copy intended for institutional workflows, editing, broadcast and reuse purposes.
4	Access Copy	Compressed user-access version intended for preview, viewing and archival discovery workflows.

NATIONAL DIGITISATION PROGRAMME

5	Proxy File	Low-resolution lightweight preview file generated for indexing, browsing and Media Asset Management workflows.
6	Archival Package	Structured grouping of archival files, metadata, manifests and associated preservation records forming a complete archival deliverable unit.
7	Preservation Manifest	Structured archival documentation containing technical, metadata and preservation records relating to digitized archival assets.
8	Checksum Record	Cryptographic integrity verification record used for validation and long-term preservation monitoring of archival files.
9	Fixity Verification	Periodic integrity validation process used to ensure archival files remain unchanged and uncorrupted over time.
10	Asset Identifier	Unique archival identifier assigned to individual archival assets for tracking and metadata management purposes.
11	Metadata Schema	Structured metadata framework defining archival metadata fields and relationships.
12	Preservation Metadata	Metadata relating to archival preservation history, restoration, technical characteristics and integrity management.
13	Controlled Vocabulary	Standardized terminology framework used for consistent metadata classification and archival indexing.
14	Ingest Workflow	Process of importing archival assets and metadata into the archival preservation or MAM ecosystem.
15	Chain of Custody	Documented tracking and handling workflow for movement and management of archival assets during implementation.
16	Playback Dependency	Requirement of specialized, obsolete or format-specific playback systems for archival retrieval or digitization.
17	Deep Archival Preservation	Long-term offline or near-offline preservation storage framework intended for sovereign archival retention and disaster recovery.
18	Nearline Storage	High-capacity archival storage environment intended for controlled institutional access and operational archival retrieval workflows.
19	Cold Storage	Long-term low-access archival storage environment intended for economical deep preservation retention and disaster recovery purposes.
20	Disaster Recovery Copy	Independent preservation copy maintained for archival recovery and continuity purposes in the event of infrastructure failure or disaster.
21	Access Control	Mechanisms governing authorized access, usage permissions and security restrictions relating to archival assets and metadata.
22	MAM (Media Asset Management)	Integrated digital system used for archival ingest, metadata management, indexing, storage, discovery, preview and operational media workflows.

23	Open Archival Formats	Non-proprietary or interoperable preservation formats intended to ensure long-term accessibility and migration readiness.
24	Interoperability	Capability of archival systems and metadata structures to exchange and function across different platforms and future systems.
25	Media	Refers to media of audio and video programmes available in tape, file formats
26	Media Asset	Media+ Metadata Refers to media of audio and video programmes available in tape/ file format along with necessary metadata.

The above definitions are indicative and intended solely for interpretation of the present document and associated archival preservation workflows.

5. Scope of Work

The selected agency/agencies shall undertake end-to-end archival digitization and preservation activities in accordance with internationally accepted archival handling and preservation practices while ensuring compatibility with the operational and technical ecosystem of Prasar Bharati. The scope of work under the programme shall broadly include:

1. Archival survey, inventorying and technical assessment;
2. Media condition assessment and preservation prioritization;
3. Chain-of-custody management and archival media tracking; media transportation, packaging and preservation-safe handling operations; media cleaning, stabilization and recovery activities;
4. Digitization of legacy audio and video archival media; creation of preservation-grade archival digital files;
5. Audio and video restoration activities;
6. Metadata creation, archival description and indexing;
7. Ingestion of Media Assets/Metadata on Prasar Bharati Media Asset Management System/WAVES OTT ecosystem;
8. Quality control, validation and archival verification activities;
9. Implementation of archival governance, access control and security management frameworks;
10. Training, operational documentation and knowledge transfer activities; associated archival preservation, migration and long-term sustainability services relating to archival assets.

5.1. Archival Survey, Inventorying and Technical Assessment

- 5.1.1. The selected agency/agencies shall undertake detailed archival survey, inventorying and technical assessment of archival holdings across identified stations, Kendras, archival centres and associated storage locations of AIR and DD prior to commencement of large-scale digitization activities.
- 5.1.2. The archival survey shall include identification and classification of legacy media formats, physical verification and inventorying of archival holdings, assessment of archival media condition, identification of vulnerable and high-risk media assets, playback dependency assessment, assessment of available metadata and archival documentation, and preparation of digitization and preservation prioritization frameworks.

- 5.1.3. The assessment process shall specifically identify archival media requiring urgent preservation intervention, including media affected by fungus, moisture, oxide deterioration, sticky-shed syndrome, physical damage, warping, broken reels, damaged cassette housings, playback instability or other forms of degradation.
- 5.1.4. The selected agency shall prepare detailed archival inventory records and technical assessment reports indicating media categories, preservation conditions, restoration requirements, playback dependencies, indicative archival quantities and proposed digitization prioritization plans.
- 5.1.5. The selected agency shall additionally maintain suitable chain-of-custody and media movement tracking mechanisms for archival assets handled during survey, transportation, recovery, digitization and preservation workflows.
- 5.1.6. Considering the geographically distributed and heterogeneous nature of archival holdings, the survey and assessment activities may be undertaken in a phased manner and through representative implementation clusters, regional hubs or other operationally efficient models as may be finalized during programme implementation.
- 5.1.7. In case of rare, obsolete or technically inaccessible archival formats requiring specialized recovery or playback dependencies beyond standard implementation workflows, the selected agency shall document such cases separately along with recommended preservation or recovery methodologies for consideration by Prasar Bharati.
- 5.1.8. Any indicative archival estimates, media categories or preservation conditions available at the programme planning stage shall be treated as preliminary and subject to detailed technical assessment during execution of the programme.

5.2. Media Recovery, Cleaning and Stabilisation

- 5.2.1. The programme shall include specialized archival recovery and stabilization workflows for vulnerable and deteriorating legacy media prior to digitization.
- 5.2.2. The selected agency shall undertake media cleaning, fungus treatment, reel repair, splice repair, cassette shell replacement, tape stabilization, tape baking where required, moisture mitigation and other preservation-safe recovery procedures necessary for enabling safe playback and preservation-grade digitization.
- 5.2.3. Specialized workflows shall be adopted for treatment of damaged and unreadable media, including fungus-affected tapes, broken tapes, sticky tapes, moisture damaged media and physically deteriorated archival assets. The agency shall ensure that archival handling procedures minimize further degradation or loss during the recovery and digitization process.
- 5.2.4. The selected agency shall ensure suitable environmental handling, packaging, transportation and preservation-safe storage conditions for vulnerable archival media during recovery, transportation, digitization and preservation activities in accordance with accepted archival handling practices.
- 5.2.5. No destructive preservation, restoration or recovery procedure affecting the long-term integrity of original archival media shall be undertaken without prior approval of Prasar Bharati.
- 5.2.6. The selected agency shall additionally maintain detailed restoration and recovery logs indicating condition assessment, treatment methodology and preservation observations for vulnerable archival media.
- 5.2.7. Each digitized archival asset shall be assigned a unique archival asset identifier linked with metadata records, preservation manifests and storage workflows. The

selected agency shall adopt standardized file naming conventions, folder hierarchies and archival package structures to ensure consistency, discoverability and long-term preservation management across the archival ecosystem.

- 5.2.8. The detailed asset identification and naming conventions may be finalized during implementation planning in consultation with Prasar Bharati.

5.3. Digitization Standards and Preservation Formats

- 5.3.1. The digitization and preservation workflow shall be aligned with the principles of the Open Archival Information System (OAIS – ISO 14721) and other applicable preservation-grade archival practices for long-term digital preservation.
- 5.3.2. The digitization programme shall use preservation-grade, open or widely adopted digital formats suitable for long-term archival preservation, interoperability, future migration and integration with the Enterprise MAM/archival infrastructure of Prasar Bharati.
- 5.3.3. The selected agency shall undertake digitization of audio and video archival content into open preservation formats while ensuring preservation of original signal integrity and avoidance of generational quality loss.
- 5.3.4. **Preservation Master Formats:** The preservation master formats shall ordinarily be as follows:

a. Audio: BWF/WAV with uncompressed PCM at the prescribed sampling rate and bit depth.

b. Video: MXF container using an appropriate preservation-grade lossless or visually lossless codec/profile approved by Prasar Bharati.

The preservation master shall, as far as technically feasible, retain the native resolution, frame rate, aspect ratio, scan characteristics and other essential characteristics of the source material. Upscaling or other alteration of the original signal characteristics shall not ordinarily be undertaken for creation of the preservation master.

Alternative preservation formats/codecs, including FLAC, FFV1, JPEG2000 or MOV with appropriate preservation codecs, may be used only with the prior approval of Prasar Bharati, based on source characteristics, preservation requirements and compatibility with the Enterprise MAM/archival infrastructure.

- 5.3.5. The archival preservation workflow shall maintain the following categories of archival outputs, wherever applicable:
- Raw preservation capture/master,
 - Restored preservation version wherever applicable,
 - Mezzanine operational copy, and
 - Access/proxy derivatives.
- 5.3.6. The mezzanine and access/proxy copies shall be generated separately in the formats prescribed/approved by Prasar Bharati and shall not substitute the preservation master.
- 5.3.7. The digitization workflow shall include signal monitoring, technical validation, checksum verification, preservation manifest creation, technical logging and archival packaging in accordance with preservation-grade archival practices.

- 5.3.8. All preservation masters and associated archival deliverables shall be maintained in non-proprietary or open-standard formats as approved by Prasar Bharati to ensure long-term interoperability and future migration capability.
- 5.3.9. The preservation master shall ordinarily retain the native resolution, aspect ratio, frame rate, scan characteristics and other essential characteristics of the source material. Upscaling, frame-rate conversion or other alteration of the original signal characteristics shall not be required unless specifically approved by Prasar Bharati. The following technical parameters shall be followed for capture of digital audio/video:
- 5.3.9.1. Video Target Resolution:
 - SD(720X576)
 - HD(1280x720)
 - FHD (1920X1080)
 - 5.3.9.2. Frame Rate: 25fps
 - 5.3.9.3. Video Sampling: 4:2:2
 - 5.3.9.4. Video Bit Depth: 10-bit
 - 5.3.9.5. Audio Sample Rate: 48000Hz
 - 5.3.9.6. Audio Bit Depth: 24-bit

5.4. Audio and Video Restoration

- 5.4.1. The programme shall include restoration of archival audio and video content wherever technically feasible and archival appropriate.
- 5.4.2. Audio restoration activities may include hiss reduction, hum removal, de-noising, de-clicking, de-crackling, wow/flutter correction, equalization balancing, distortion mitigation and other preservation-oriented restoration workflows.
- 5.4.3. Video restoration activities may include dropout correction, deinterlacing, frame stabilization, colour correction, scratch/noise reduction, AV synchronization correction, tape warp correction and signal stabilization. Deinterlacing, frame-rate conversion, upscaling or similar processing shall not ordinarily be applied to the preservation master where it would alter the native characteristics of the source. Such processing may be applied to restored, mezzanine or access derivatives, wherever technically required and approved by Prasar Bharati.
- 5.4.4. The restoration philosophy shall preserve the authenticity, historical integrity and original archival characteristics of content and shall avoid excessive processing or alteration of original source material.
- 5.4.5. The agency shall maintain detailed restoration documentation and workflows for archival reference and future preservation tracking.

5.5. Metadata Creation and Archival Description

- 5.5.1. Metadata creation and archival description shall constitute one of the most critical components of the programme.
- 5.5.2. The selected agency shall establish standardized metadata frameworks and archival taxonomy structures to enable long-term discoverability, archival management and multilingual searchability of digitized assets.
- 5.5.3. Metadata shall ordinarily be created at the asset/programme level for all digitized archival assets. Segment-level metadata shall be created only for such content/categories as may be specifically identified or approved by Prasar Bharati.

The applicable metadata fields and level of description shall be governed by the Metadata Framework prescribed in Annexure-IV.

- 5.5.4. The metadata architecture shall include technical, descriptive, administrative and preservation metadata. Metadata fields shall be classified as Mandatory, Where Available, Curated/AI-Assisted, and Optional, as specified in Annexure-IV. Mandatory fields shall be populated for all applicable assets, while fields dependent upon availability of reliable source information shall be populated wherever such information is available or can reasonably be ascertained.
- 5.5.5. The metadata framework shall support Unicode-compliant multilingual metadata, transliteration, controlled vocabularies, personality/event tagging and archival subject indexing, wherever applicable. The extent and applicability of such enriched metadata shall be as specified in Annexure-IV and/or approved by Prasar Bharati for identified archival categories.
- 5.5.6. Metadata creation may use automated/AI-assisted tools, wherever appropriate; however, metadata generated or enriched through such tools shall be subject to suitable human validation and quality control before final acceptance and ingestion into the Enterprise MAM system.
- 5.5.7. The metadata architecture should preferably align with internationally accepted archival metadata standards such as PBCore, Dublin Core, PREMIS or equivalent broadcast archival frameworks while ensuring interoperability, exportability and future portability and shall be finalised in consultation with Prasar Bharati
- 5.5.8. The selected agency shall also ensure establishment of unique archival identifiers and structured metadata governance mechanisms to facilitate long-term archival management and interoperability with future systems.

5.6. Ingestion of Media Assets/Metadata on Prasar Bharati Media Asset Management System/WAVES OTT ecosystem

- 5.6.1. The selected agency shall ensure ingestion of all the media assets along with the available/curated metadata on a cloud based enterprise Media Asset Management System, provided by Prasar Bharati.
- 5.6.2. Necessary arrangement for media ingestion at Media Ingestion Centres like Workstations, Manpower, etc shall be arranged by the bidder.
- 5.6.3. Prasar Bharati shall provide Work spaces, Internet bandwidth at designated AIR Stations/DDKs to establish Media Ingestion Centres / Regional hubs.

5.7. Quality Control and Validation

- 5.7.1. The selected agency shall establish comprehensive quality control and validation workflows for digitization, restoration, metadata creation and archival packaging activities.
- 5.7.2. The quality assurance framework shall include technical quality control, metadata validation, checksum verification, restoration review workflows, preservation validation and audit mechanisms.
- 5.7.3. The agency shall maintain detailed QC reports, validation records, preservation manifests and technical audit trails for archival reference and programme monitoring purposes.
- 5.7.4. Prasar Bharati may undertake independent, sample-based or third-party validation of deliverables during various stages of implementation.
- 5.7.5. The proposed Workflow shall generate a SHA-256 cryptographic hash for every digitized video and audio file, computed across the entire file as delivered to the

archive. This SHA-256 value shall serve as the checksum of record for that file within the archive management system and shall be the value used for all subsequent fixity verification, audit, and reporting.

5.8. Security, Ownership and Governance

- 5.8.1. All digitized content, metadata, restoration outputs and archival preservation assets generated under the programme shall remain the sole property of Prasar Bharati.
- 5.8.2. The selected agency shall ensure secure handling of archival content and compliance with data security, access control and Indian data residency requirements.
- 5.8.3. The archival ecosystem may additionally support suitable archival classification and controlled access mechanisms for sensitive, restricted or rights-governed archival content.
- 5.8.4. No archival content, metadata or associated preservation assets shall be utilized for external commercial exploitation, AI model training, third-party datasets or derivative usage without explicit authorization of Prasar Bharati.

5.9. Implementation Methodology

- 5.9.1. The implementation methodology may include phased execution through regional or state-level digitization hubs, centralized restoration facilities and specialized mobile recovery teams for fragile archival media, with the objective of ensuring operational efficiency, standardized quality control and optimized infrastructure utilization.
- 5.9.2. The selected agency shall submit a detailed deployment and capacity plan indicating the proposed playback systems, legacy media players, digitization chains, restoration infrastructure, archival processing equipment, metadata workflows, storage infrastructure, quality control mechanisms and technical manpower proposed for implementation of the programme. The plan shall also indicate the format-wise availability of playback equipment, number of simultaneous digitization chains, backup arrangements for critical/obsolete playback systems and indicative monthly throughput for digitization, restoration, metadata creation and MAM ingestion.
- 5.9.3. The proposed infrastructure and deployment capacity shall be adequate for parallel execution of the work and completion of the indicative archival volume within the prescribed project timeline, while suitably addressing the handling, recovery, restoration and preservation of obsolete, vulnerable and playback-dependent archival formats encountered during implementation.
- 5.9.4. The implementation framework may additionally include suitable archival media transportation, packaging, handling and tracking mechanisms as part of operational workflows wherever required.
- 5.9.5. The playback systems, digitization chains, restoration systems and associated operational equipment deployed by the selected agency for execution of the programme shall ordinarily remain the responsibility and property of the selected agency unless specifically provided otherwise under the final implementation framework.
- 5.9.6. However, all digitized archival assets, metadata records, preservation packages, archival repositories, SSDs, encrypted NAS archival deliverables, manifests, documentation and associated preservation outputs generated under the programme shall remain the sole property of Prasar Bharati.

5.10. Training and Knowledge Transfer

- 5.10.1. The selected agency shall provide suitable training, operational documentation and knowledge transfer support to designated officials and technical personnel of Prasar Bharati in relation to archival handling, metadata workflows, preservation management, ingestion operations and archival governance mechanisms.
- 5.10.2. The selected agency shall additionally provide archival workflow documentation, operational manuals, preservation handling guidelines and standard operating procedures relating to digitization, metadata management, archival preservation and workflows.
- 5.10.3. The programme shall additionally facilitate long-term institutional capacity building for sustainable archival preservation and management workflows within the organization.

6. Eligibility Criteria:

- 6.1. The Bidder shall have demonstrated capability and experience in archival audio/video digitisation and associated digital preservation activities and shall meet the eligibility/qualification requirements specified below and in the Scope of Work/Technical Specifications.
- 6.2. The Bidder shall not be under a declaration of ineligibility for corrupt/fraudulent/collusive/coercive practices and shall not have been put on 'Holiday', debarred or blacklisted by Prasar Bharati, any Government Department or Public Sector Organisation as on the due date of submission of Bid.
- 6.3. The Bidder shall meet the following basic eligibility and project-specific qualification criteria:

Clause	Criteria	Requirement
(a)	Company Existence	The Bidder shall be a company registered under the Companies Act, 1956/2013 or a Partnership Firm/LLP registered in India under the applicable Act, and shall have been in operation in India for at least 3 years as on the date of publication of the tender.
(b)	Annual Turnover / Net Worth (CA-certified documents)	Average Annual Turnover of 200% of the estimated cost of the project during the last 3 financial years; OR Cumulative Turnover of 600% of the estimated cost during the last 3 financial years; OR Average Annual Net Worth of minimum 50% of the estimated cost during the last 3 financial years; OR Cumulative Net Worth of minimum 150% of the estimated cost during the last 3 financial years.
(c)	Positive Net Worth / Profitability	The Bidder shall have positive net worth/profitability in the latest financial year and shall be a solvent entity, supported by CA-certified documents.
(d)	Similar Work Experience	The Bidder shall have successfully completed one Similar Work of minimum value of 80% of the estimated project cost; OR two Similar Works, each of minimum value of 60%; OR three Similar Works, each of minimum value of 40% of the estimated project cost. Relevant Work Orders/Contracts

NATIONAL DIGITISATION PROGRAMME

		together with completion/performance certificates shall be submitted.
(e)	Definition of Similar Work	For this tender, “Similar Work” shall mean work involving digitisation of archival/legacy audio and/or video content, including associated activities such as media handling/recovery, restoration, metadata/cataloguing, digital preservation and/or MAM/DAM/archive ingestion. Similar works may have been executed for Central/State Government organisations, PSUs, Autonomous Bodies, Public Broadcasters or established private organisations in past 10 years
(f)	Large-Scale Digitisation Experience	The Bidder/Consortium shall have successfully digitised/restored a minimum cumulative quantity of 20,000 hours of archival audio and/or video content in past 10 years . Documentary evidence from the concerned client(s), indicating the nature and quantity of work undertaken, shall be submitted.
(g)	Legacy Media Handling Capability	The Bidder/Consortium shall demonstrate capability for handling legacy audio/video formats relevant to the project, such as Open Reel, DAT, Audio Cassette, U-Matic, Betacam/Betacam SP, Digital Betacam, DVC Pro, HDCAM, MiniDV/DVCAM, VHS/S-VHS, BCN, optical media and other legacy broadcast formats. The Bidder shall submit format-wise details of available/proposed playback and digitisation systems and backup arrangements for critical/obsolete playback equipment.
(h)	Digitisation Capacity & Deployment	Considering the scale and prescribed project timeline, the Bidder shall submit a capacity and deployment plan indicating the number of simultaneous digitisation chains, format-wise equipment availability, restoration facilities, technical manpower, backup arrangements and indicative monthly throughput for digitisation, restoration, metadata creation and MAM ingestion. The proposed capacity shall be adequate to complete the indicative archival volume within the prescribed project timeline.
(i)	Restoration / Recovery Capability	The Bidder/Consortium shall have capability to appropriate facilities/expertise for cleaning and stabilisation of archival media, fungus treatment, tape repair/splicing, tape baking wherever required, recovery of degraded/damaged media and audio/video restoration.
(j)	Metadata / MAM Capability	The Bidder/Consortium shall demonstrate experience/capability in audio-video metadata/cataloguing and integration/ingestion of media and associated metadata into MAM/DAM/digital archive systems. Experience with multilingual/Indian-language archival metadata shall be desirable.
(k)	Technical Manpower	The Bidder shall demonstrate availability of adequate qualified manpower for project management, legacy media handling, digitisation, restoration, quality control, metadata/cataloguing, MAM operations and IT/storage support, in accordance with the manpower requirements prescribed in the Scope of Work.

(l)	Non-Blacklisting Certificate	The Bidder and, in case of Consortium/JV, each member shall not have been blacklisted/debarred/put on Holiday by Prasar Bharati, any Government Department or Public Sector Organisation as on the date of submission of Bid. A self-declaration in the prescribed format shall be submitted.
(m)	Certification	The Bidder/Consortium should have valid ISO 9001:2015 and/or ISO/IEC 27001, as relevant to the nature of work, valid as on the date of submission of Bid.
(n)	GFR Restrictions	The Bidder shall comply with restrictions on procurement under Rule 144(xi) of GFR 2017, and amendments/orders issued thereunder from time to time.

6.4. Consortium / Joint Venture

- 6.4.1. Bids from a Consortium/JV of maximum three members, including the Lead Member, shall be acceptable, provided they jointly fulfil the qualification criteria and requirements specified in the Tender Document.
- 6.4.2. The Consortium/JV shall submit an Agreement/MoU clearly defining the scope and responsibility of each member. One member shall be designated as the Lead Member, who shall be responsible on behalf of the Consortium/JV during bid evaluation and execution and timely completion of all contractual obligations.
- 6.4.3. All members shall be jointly and severally responsible for execution of the contract. The Bid Security shall be submitted by the Lead Member and, in case of award, payment shall be made to the Lead Member.
- 6.4.4. The constitution of the Consortium/JV and respective roles/scope of its members shall not be altered after submission of the Bid except with prior written approval of Prasar Bharati.
- 6.4.5. A member participating in one Consortium/JV shall not participate individually or as a member of any other Consortium/JV in the same tender.

6.5. Start-ups / MSEs

- 6.5.1. Relaxation in prior turnover and prior experience requirements for DPIIT-recognised Start-ups shall be applicable as per Government of India/Prasar Bharati instructions, subject to meeting the prescribed quality and technical specifications and essential capability requirements of the tender.
- 6.5.2. Benefits/exemptions available to eligible MSEs shall be governed by the applicable Government of India/Prasar Bharati procurement provisions.

7. Bid Evaluation

- 7.1. The evaluation of the Bidders shall be done in 3 stages where the Bidders shall be first evaluated against the pre-qualification/eligibility criteria. Only those bidders fully satisfying the criteria shall be considered for further Technical and Financial evaluations and Quality Cum Cost Based system (QCBS) ranking.
- 7.2. Only those Bidders, who score a minimum of 60 marks in the Technical Evaluation shall be considered for financial evaluation and QCBS. Prasar Bharati reserves the right to relax/increase the minimum marks required in Technical Evaluation for consideration for further evaluation depending upon the number of qualifying Bidders. The bids shall be evaluated using the QCBS method as mentioned below:

7.2.1. The bidders qualifying the criteria above, shall be selected based on QCBS method where the technical quality of the proposal will be given a weightage of 60%. The commercial proposal shall be allocated weightage of 40%.

7.2.2. The Technical score of bidders shall be derived as under:

$$ST = 100 * T_x / T_m$$

Where:

ST shall mean the Technical Score of the bidder to be evaluated;

T_x shall mean the marks obtained by the bidder to be evaluated;

T_m shall mean the highest marks obtained among all the bidders.

7.2.3. The Financial Score of bidder shall be derived as under:

$$SF = 100 * F_m / F_x$$

Where:

SF shall mean the Financial Score of the bidder to be evaluated;

F_m shall mean the lowest evaluated price (Total commercial value) among all the bidders;

F_x shall mean the evaluated price (Total Commercial value) of the bidder.

7.2.4. The Bid Score, shall be obtained by weighing the quality and cost scores and adding them up. On the basis of the combined weighted for quality and cost, the Bidder shall be ranked in terms of the Bid Score obtained as:

$$H = 0.6 * ST + 0.4 * SF$$

Where: H shall mean the Bid Score of the bidder to be evaluated;

7.2.5. The proposals will be ranked in terms of Bid Score scored.

7.2.6. The Bidder obtaining the highest Bid Score in evaluation of quality and cost will be ranked as H1 followed by the proposals securing lesser marks as H2, H3, ...etc. The proposal with the highest Bid Score H1 will be considered for award of contract.

7.2.7. In case of highest Bid Score being equal for more than one (1) bidder, the bidder scoring higher technical score shall be considered for award of contract.

7.2.8. The evaluation committee ("Evaluation Committee") appointed by Prasar Bharati will carry out the technical evaluation of proposals based on the prescribed evaluation criteria. Evaluators of Technical Proposals shall have no access to the Financial Proposals until technical evaluation is concluded.

7.3. Technical evaluation Criteria

7.3.1. The Technical Proposal shall be evaluated based on the following criteria –

SN	Criteria	Parameters	Marks	Documents/ Particulars
1.	Number of Years in operations The bidder (in case of the Consortium, the Prime Bidder) must be in business	• 3 to 5 years (5) • 6 to 10 years (7) • More than 10 years (10)	10	Copy of Certificate of Incorporation or equivalent

NATIONAL DIGITISATION PROGRAMME

	for at least 10 years as on the last date of bid submission.			
2.	General Experience in Media Broadcast Systems	• 3 to 5 years (5) • 6 to 10 years (7) • More than 10 years (10)	10	Work orders / Certificate of satisfaction from the clients
3.	Experience in Archival Audio / Video digitization / restoration	20k Hrs (05) 30k Hrs (10) 40k Hrs (15) 50k Hrs (20) More than 50k (24)	24	Work orders / Certificate of satisfaction from the clients
4.	Experience in similar relevant Media Projects.	Completed project involving Archival Digitization, MAM / DAM, Digital Archive, Broadcast Media System or Digital Preservation One (1) - 2 Two (2) - 4 Three (3) - 6 Four (4) - 8 Five (5) or more - 10	10	Work orders / Certificate of satisfaction from the clients
5.	Manpower/Team Competency PMU deployed by the bidder (Max: 5) Team for Media Operations (Max: 5)	Project Manager (Max 2) Digitization Expert (Max 2) Metadata Lead (Max 2) Archiving (Max 2) Technical Lead (Max 2)	10	Team details along with complete profile including work experience in relevant domain.
6.	Methodology/ Approach	Approach Paper (Max: 10) Presentation (Max: 10)	20	Approach paper with Technical Bid Presentation before Evaluation Committee
7.	Turnover	Minimum prescribed (5) Double (8) Triple (10)	10	
8.	Certifications The Bidder should have the following certifications: • ISO9001-2015 • ISO27001-2022 • ISO14721-2025	Two (2) marks for Each of the certification	6	Copy of the valid certification

7.3.2. The bidders would need to submit documents to substantiate the evaluation criteria. The documentation to substantiate similar projects need to be either work orders or completion certificates or client letters stating satisfactory work. The documents shall be submitted along with the technical bid / offer.

- 7.3.3. The Evaluation Committee constituted by Prasar Bharati shall evaluate the technical bids based on proposal, documents submitted and presentations to arrive at the technical score.
- 7.3.4. It is to be noted that the decision of the Evaluation Committee in the evaluation of responses to the RFP shall be final. No correspondence with the Evaluation Committee regarding the evaluation process shall be entertained. The Evaluation Committee reserves the right to reject any or all proposals on the basis of any deviations. Concealment or contradiction of facts would be held otherwise and liable for strict action. Any such incidence gives Prasar Bharati complete right to reject the claim of the bidder at any stage, even after the completion of tendering process, without even a formal notice.

8. Deliverables

- 8.1. All archival deliveries shall include associated metadata packages, checksum manifests, validation reports, preservation logs and archival documentation necessary for long-term preservation and recoverability.
- 8.2. Original archival media shall be appropriately catalogued, repackaged and returned/preserved in accordance with archival handling and storage protocols after completion of digitization and validation workflows.
- 8.3. Following deliverables shall be ensured by the successful bidder
- i. Report of the Survey
 - a. Station wise details of available assets
 - b. Status of Digitisation
 - c. Status of availability of metadata
 - d. Details of assets, which require restoration
 - e. Details of assets available on local MAM/digital systems
 - ii. Metadata of the media assets
 - a. Digital Format (xls, xml)
 - b. Archival catalogues (pdf)
 - iii. Archival Media Assets
(preservation master files and restored archival masters wherever applicable)
 - a. In SSDs
 - b. Station wise Report of Ingested Media on Enterprise MAM system arranged by Prasar Bharati
 - iv. Media Assets Inventory report along with restoration details for
 - a. AIR Stations
 - b. Doordarshan Kendras
 - v. Quality Control
 - a. QC and validation reports;
 - b. preservation manifests and checksum records;
 - vi. Storage and migration reports;

9. Implementation Timelines and Phasing

The programme shall be implemented in a mission-mode and time-bound manner, with survey, digitisation, restoration, metadata creation, MAM ingestion, validation and preservation activities being undertaken in parallel, wherever technically and operationally feasible.

9.1. Phase I — Archival Survey, Assessment and Implementation Planning

- 9.1.1. The detailed archival survey, media assessment, preservation prioritisation, playback dependency assessment and implementation planning shall be completed within two (2) months from the date of award.
- 9.1.2. The survey shall also include planning and establishment of suitable regional/centralised hubs for digitisation, restoration, metadata creation and ingestion, as required for timely completion of the project.
- 9.1.3. Pilot workflows and representative sample digitisation shall be undertaken during the initial phase for validation of restoration methodology, metadata structure, preservation formats, quality control parameters and operational workflows.
- 9.1.4. Large-scale digitisation and associated activities need not await completion of the entire survey and may commence in parallel for surveyed/validated locations, formats or archival categories after approval of the relevant pilot workflows.
- 9.1.5. Priority shall be accorded to vulnerable, endangered and technically at-risk archival media requiring urgent preservation intervention.
- 9.1.6. The successful bidder shall submit the survey and assessment reports in the prescribed format within the above timeline.

9.2. Phase II — Large Scale Digitization, Restoration and Metadata Creation

- 9.2.1. Large-scale digitisation, media recovery, restoration and metadata creation shall commence progressively after validation of the relevant pilot workflows and shall be undertaken in parallel through regional hubs, centralised facilities, distributed digitisation workflows and specialised recovery teams, as appropriate.
- 9.2.2. Large-scale digitisation, restoration, metadata creation and associated archival processing shall be carried out progressively so as to ensure completion of the entire project, including ingestion, validation and archival handover, within eight (8) months from the date of award.

9.3. Phase III — Media Ingestion and Validation

- 9.3.1. Media Ingestion Centres / Regional Hubs shall be established at the designated locations in accordance with the approved implementation plan.
- 9.3.2. Ingestion of digitised media assets along with the available/curated metadata into the Enterprise MAM System shall be undertaken progressively and in parallel with digitisation and metadata creation.
- 9.3.3. Prasar Bharati shall make available existing digital media assets through export, wherever such facility exists in the respective systems. Inventory of such assets shall be prepared and handed over for ingestion.
- 9.3.4. All activities under the programme, including survey, digitisation, restoration, metadata creation, MAM ingestion, migration, validation and final archival handover, shall be completed within eight (8) months from the date of award.

- 9.3.5. Prasar Bharati may prioritise archival categories, formats, stations/Kendras or preservation classes for phased execution based on preservation urgency, archival significance and operational requirements.

10. Service Levels and Performance Expectations

- 10.1. The programme shall be governed through defined service levels, operational performance benchmarks, archival preservation standards and validation mechanisms relating to digitization, restoration, metadata creation, archival migration and preservation workflows.
- 10.2. The implementation framework shall include preservation-grade digitization standards, checksum-based integrity validation, metadata consistency validation, archival restoration documentation, preservation audit trails, storage redundancy mechanisms and operational quality assurance workflows.
- 10.3. The selected agency shall ensure compliance with prescribed archival preservation standards and quality requirements throughout implementation of the programme.
- 10.4. The archival ecosystem shall additionally support preservation integrity, metadata reliability, operational continuity, secure archival access and future migration readiness.

11. Acceptance and Validation

- 11.1. The implementation of the programme shall be undertaken through milestone-based execution and stage-wise validation mechanisms linked to archival deliverables, preservation workflows and implementation milestones.
- 11.2. The selected agency shall maintain detailed technical documentation, validation records, archival manifests, quality control reports and preservation audit trails for all deliverables generated under the programme.
- 11.3. Prasar Bharati may undertake independent, sample-based or third-party validation of deliverables during various stages of implementation.
- 11.4. Designated teams of Prasar Bharati shall check and verify the deliverables as above. It shall be responsibility of the bidder to assist the Prasar Bharati team for verifications of deliverables. The final acceptance will be on the basis of verification of the deliverables to the extent decided by Prasar Bharati.

12. Payment Terms and Milestone Framework

- 12.1. The programme shall be governed through milestone-based payment and validation mechanisms linked with completion of defined implementation stages, archival deliverables and preservation workflows. Payments under the programme may broadly be released in the following manner:

SN	Milestone	Indicative Payment
1	a. Completion of archival survey, assessment, inventorying, implementation planning and submission of assessment reports including pilot workflow validation b. Deployment of infrastructure, establishment of operational workflows and commencement readiness certification	20%

NATIONAL DIGITISATION PROGRAMME

2	Completion and validation of approximately 25% of approved digitization, metadata creation and associated archival processing targets	10%
3	Completion and validation of approximately 50% of approved digitization, metadata creation and associated archival processing targets	10%
4	Completion and validation of approximately 75% of approved digitization, metadata creation and associated archival processing targets	10%
5	Completion and validation of digitization, metadata creation, restoration and associated archival deliverables	20%
6	Final validation, archival handover, submission of documentation, operational closure and final acceptance by Prasar Bharati	20%
7	After completion of defect liability period	10%

12.2. Payments shall be released subject to:

- a. Achievement of approved milestones;
- b. Submission of prescribed deliverables;
- c. Archival validation and verification;
- d. Quality control certification;
- e. Acceptance by Prasar Bharati or its designated representatives.

12.3. Final payment and archival closure shall be linked with:

- a. Successful completion of archival validation;
- b. Preservation handover;
- c. Submission of all archival deliverables;
- d. Delivery of metadata records, preservation documentation and storage deliverables;
- e. and completion of operational documentation and knowledge transfer obligations prescribed under the programme.

13. Defect Liability Period

- 13.1. An amount equivalent to 10% of the total project value shall be payable upon successful completion of the Defect Liability Period and post-implementation archival validation obligations under the programme.
- 13.2. The Defect Liability Period shall ordinarily remain valid for a period of Three years from the date of final acceptance and archival handover of the programme by Prasar Bharati.
- 13.3. During the Defect Liability Period, the selected agency shall remain responsible for rectification of implementation-related deficiencies including corrupted or unreadable archival files, metadata deficiencies, validation failures, storage delivery defects and other deliverable-related deficiencies attributable to implementation under the programme, without additional financial implication to Prasar Bharati.
- 13.4. The deferred payment amount shall be released upon satisfactory completion of the Defect Liability Period, successful archival integrity verification and certification by Prasar Bharati or its designated representatives.

- 13.5. Prasar Bharati may suitably withhold or adjust the deferred payment amount, either wholly or partially, in the event of unresolved implementation-related deficiencies or non-compliance with prescribed deliverable requirements attributable to the selected agency.

Annexures:

Annexure-I	Archival Ecosystem and Archival Volume Overview
Annexure-II	Legacy Media Formats
Annexure-III	Archival Media Condition Categories
Annexure-IV	Metadata and cataloguing framework
Annexure-V	Preservation and Delivery Architecture
Annexure-VI	Indicative Implementation Timelines
Annexure-VII	Price Bid Format
Annexure-VIII	List of AIR Stations
Annexure-IX	List of Doordarshan Kendras

Archival Ecosystem and Archival Volume Overview

Component	Indicative Coverage
AIR Stations	196
DD Kendras / Centres	65
Language Coverage	22 Scheduled Languages and Regional Dialects
Total Archival Holdings	Approximately 2,00,000 Hours
Indicative Audio Archives	Approximately 1,20,000 Hours
Indicative Video Archives	Approximately 80,000 Hours

The above quantities are indicative only and subject to detailed archival survey and technical assessment during implementation.

Legacy Media Formats**AIR Audio Formats**

1. Open Reel Audio Tapes
2. DAT
3. Audio Cassettes
4. Mini Disc
5. CD/DVD Audio Media
6. PCM Recordings
7. LTO Media
8. Nagra Recordings
9. Portable Digital Recorders

DD Video Formats

1. U-Matic
2. Betacam
3. Betacam SP
4. Digital Betacam
5. DVC Pro
6. VHS / S-VHS
7. MiniDV / DVCAM
8. HDCAM
9. XDCAM
10. Optical Media
11. LTO Media
12. BCN

The selected agency shall demonstrate capability and proposed deployment strategy for handling, playback, recovery, digitization and restoration of legacy archival formats including provision of suitable playback systems, restoration infrastructure and associated preservation workflows.

Archival Media Condition Categories

Category	Indicative Description
Good Condition	Playable with minimal intervention
Degraded	Aging or playback instability
Fungus Affected	Requires specialized cleaning
Sticky-Shed Affected	Requires stabilization treatment
Moisture Damaged	Requires preservation handling
Broken / Damaged	Requires repair
Unreadable	Requires specialized recovery
Obsolete Playback Dependency	Requires rare playback systems

METADATA AND CATALOGUING FRAMEWORK

A. Metadata Framework

Metadata shall ordinarily be created at the **asset/programme level** for all digitized archival assets. Segment-level metadata shall be created only for such content/categories as may be specifically identified or approved by Prasar Bharati.

The metadata framework shall include administrative, descriptive, technical, preservation, broadcast, discovery, multilingual and legal/rights metadata, as applicable.

For implementation purposes, metadata fields shall be classified as follows:

Classification	Indicative Metadata Fields	Applicability
Mandatory	Unique Asset Identifier, Programme/Asset Title, AIR Station/DD Kendra, Language, Media Type/Source Format, Duration, Digitisation Date, Digital File Format/Technical Parameters, Preservation Status, File Identifier/Checksum	To be populated for all applicable digitized assets
Where Available	Original Recording/Broadcast Date, Contributors/Artists/Participants, Producer/Director, Episode/Series Details, Genre/Category, Rights Information and other available programme details	To be populated where available from source media, existing records or other reliable information available for the project
Curated / AI-Assisted	Synopsis/Description, Keywords, Subjects, Personalities, Events, Places, Thematic Tags and other discovery metadata	To be created for identified archival categories as prescribed/approved by Prasar Bharati and subject to appropriate human validation
Optional / Enriched	Cultural/Historical Significance, detailed Segment-Level Description, Multilingual Metadata/Transliteration and other enhanced discovery metadata	To be created wherever specifically required or approved by Prasar Bharati

Metadata generated or enriched through automated/AI-assisted tools shall be subject to appropriate human validation and quality control before final acceptance and ingestion into the Enterprise MAM system.

B. Metadata Standards and Interoperability

The metadata framework shall support Unicode-compliant multilingual metadata, controlled vocabularies, transliteration, personality/event tagging and archival subject indexing, wherever applicable.

The metadata architecture should preferably align with internationally accepted archival metadata standards such as PBCore, Dublin Core, PREMIS or equivalent broadcast archival frameworks, while ensuring interoperability, exportability and future portability.

The detailed metadata schema, field definitions, controlled vocabularies, validation rules and applicable metadata requirements for different archival categories shall be approved by Prasar Bharati prior to commencement of large-scale metadata creation.

C. Asset Identification and File Naming

Each digitized archival asset shall be assigned a unique archival asset identifier linked with its metadata records, preservation manifests and storage workflows.

The selected agency shall adopt standardized file-naming conventions, folder hierarchies and archival package structures to ensure consistency, discoverability and long-term preservation management across the archival ecosystem.

The detailed asset identification and naming conventions shall be finalized during implementation planning in consultation with Prasar Bharati.

A. Preservation and Delivery Architecture

Preservation Layer	Indicative Purpose
Cloud / MAM Layer	Operational workflows and indexing
Encrypted NAS/SAN Layer	Nearline institutional archival preservation
Deep Archiving	LTO based system/Cloud based Archiving Storage

The selected agency shall ensure:

- checksum validated archival delivery,
- encrypted archival storage,
- fixity verification,
- preservation manifests,
- metadata delivery packages,
- and archival recovery readiness across all preservation layers.

The archival preservation architecture shall support future migration, interoperability and long-term preservation sustainability.

B. Checksum Algorithm

The proposed Workflow shall generate a SHA-256 cryptographic hash for every digitized video and audio file, computed across the entire file as delivered to the archive. This SHA-256 value shall serve as the checksum of record for that file within the archive management system and shall be the value used for all subsequent fixity verification, audit, and reporting.

C. Storage Environment Standards

For preservation of the Archive Physical Assets, the following environmental conditions are standardized:

- Temperature: 18°C - 21°C
- Relative Humidity (RH): 30–40% RH
- Dust/particulate matter: Very low
- Air quality: Clean, filtered air; no pollutants
- Water protection: No water pipes above/through storage
- Fire protection: Appropriate fire detection/suppression
- Pest control: Integrated pest management

Implementation Timelines

Activity	Timeline
Survey, Assessment & Implementation Planning	Within 2 months from date of award
Pilot Workflow Validation	Parallel during initial survey phase
Establishment of Regional/Operational Hubs	Parallel during first 2 months
Large-Scale Digitisation & Restoration	Progressive/parallel execution; to be completed within overall project period
Metadata Creation & Validation	Parallel with digitisation
MAM Ingestion & Indexing	Progressive and parallel with digitisation
Deep Archival Migration / Preservation Delivery	Progressive and parallel
Final Validation & Archival Handover	Within 8 months from date of award

PRICE BID FORMAT**BoQ for Archival Digitization, Restoration and Open-Format Preservation Programme for Archives of AIR and DD under WAVES OTT / MAM Ecosystem of Prasar Bharati****General Instructions**

1. The bidder shall quote rates strictly in accordance with the prescribed BOQ format.
2. The quoted rates shall include all costs relating to manpower, playback systems, restoration infrastructure, digitization systems, transportation, handling, packaging, storage workflows, quality control, validation, project management and all associated implementation requirements unless specifically excluded.
3. Quantities indicated are indicative only and subject to detailed archival survey and assessment during implementation.
4. The bidder shall submit detailed deployment methodology and implementation plan along with the technical bid.
5. Payment under the programme may be linked with milestone-based implementation, validation and acceptance mechanisms as prescribed in the RFP.

FINANCIAL BID / BOQ

S N	Category	Item Description/Media Type	Unit	Indicative Qty.	Rate (INR)	Amount (INR)
1.	Survey & Planning	Archival survey, inventorying, assessment and implementation planning AIR Stations:196 DD Kendras:65	Lump Sum	1		
2.	Audio Digitisation	Digitization of audio archival media, wherein restoration of audio is not required	Open Reel Tape	Per Hour	90,000 Hrs	
			DAT	Per Hour	2,000 Hrs	
			Audio Cassette	Per Hour	2,000 Hrs	
			CD / DVD	Per Hour	4,000 Hrs	
			LTO	Per Hour	2,000 Hrs	
3.	Audio Digitisation with Restoration	Digitization of audio archival media, wherein restoration of audio is required	Per Hour	14,000 Hrs		
4.	Audio Digitisation and recovery from Damaged Tape	Digitization of audio archival media from damaged tape/media with audio restoration/correction	Per Hour	5,000 Hrs		
5.	Audio Digitisation and recovery from LP/EP Disk	Digitization of audio archival media from LP/EP Disk	Per Hour	1,000 Hrs		
6.	Audio Restoration	From Digital media	Per Hour	2,000 Hrs		

NATIONAL DIGITISATION PROGRAMME

7.	Video Digitisation	Digitization of video archival media, wherein restoration of video is not required	BCN	Per Hour	1,000 Hrs		
			U-Matic	Per Hour	1,000 Hrs		
			Betacam/DigiBeta	Per Hour	5,000 Hrs		
			DVC-Pro	Per Hour	50,000 Hrs		
			XD Cam / Pro Disc / BR	Per Hour	5,000 Hrs		
			VHS	Per Hour	2,000 Hrs		
			LTO	Per Hour	6,000 Hrs		
8.	Video Digitisation with Restoration	Digitization of video archival media, wherein Video requires restoration/correction.	BCN	Per Hour	1,000 Hrs		
			U-Matic	Per Hour	1,000 Hrs		
			Betacam/DigiBeta	Per Hour	1,000 Hrs		
			DVC-Pro	Per Hour	3000 Hrs		
9.	Video Digitisation and recovery from Damaged Tape/Media	Digitization of video archival media from damaged tape/media with Video restoration/correction	BCN	Per Hour	1,000 Hrs		
			Betacam/DigiBeta	Per Hour	1000 Hrs		
			DVC-Pro	Per Hour	1000 Hrs		
			U-Matic	Per Hour	1000 Hrs		
10.	Video Restoration	From Digital Media		Per Hour	5,000 Hrs		
11.	Audio Metadata	Metadata creation and validation for audio archival assets		Per Asset	8,00,000 Nos		
12.	Video Metadata	Metadata creation and validation for video archival assets		Per Asset	5,00,000 Nos		
13.	Ingestion of media on MAM	Ingestion of digitized archival assets on MAM ecosystem	Audio	Per Hour	1,20,000 Hours		
			Video	Per Hour	80,000 Hours		
14.	Metadata Entry on MAM	Entry of metadata for Audio and Video assets on MAM system		Per asset	13,00,000 Nos		
15.	Preservation on SSD	Creation and delivery of SSD based archival preservation copies		Per TB	2 000 TB		
16.	Deployment Infrastructure	Deployment, operation and maintenance of playback systems, restoration infrastructure, digitization chains and associated equipment during implementation period		Lump Sum	1		
17.	QC Infrastructure	Deployment of quality control, validation and operational support infrastructure		Lump Sum	1		

18.	Training & Documentation	Training, workflow documentation and knowledge transfer support	Lump Sum	1		
-----	--------------------------	---	----------	---	--	--

GRAND TOTAL

Description	Amount (INR)
Total Project Cost	
GST (as applicable)	
Grand Total	

Commercial Notes

1. Rates quoted shall include all incidental operational activities required for execution of the programme unless specifically excluded.
2. Routine cleaning, standard stabilization, routine quality control and basic restoration workflows incidental to digitization activities shall ordinarily be deemed included within quoted digitization rates.
3. Specialized recovery and advanced restoration workflows may be undertaken based on assessment and approval by Prasar Bharati or its designated representatives.
4. The bidder shall maintain suitable documentation and assessment records for archival media categorized under specialized recovery or restoration workflows.
5. Temporary deployment infrastructure and operational equipment deployed by the bidder for execution of the programme shall ordinarily remain under ownership and maintenance responsibility of the bidder during the implementation period unless specifically provided otherwise.
6. All archival deliverables, metadata records, storage deliverables and associated outputs generated under the programme shall be handed over to Prasar Bharati.
7. Original archival media shall be appropriately catalogued, repackaged and returned/preserved after completion of digitization and validation workflows.
8. Prasar Bharati reserves the right to rationalize quantities, modify implementation phasing or prioritize archival categories based on operational requirements and detailed assessment during implementation.

List of All India Radio Stations

SL.NO.	AIR/AKASHVANI STATION	TYPE	ZONE
1.	AGRA	PC	NORTH
2.	ALMORA	PC	NORTH
3.	ALWAR	LRS	NORTH
4.	AYODHYA	LRS	NORTH
5.	BANSWARA	LRS	NORTH
6.	BAREILLY	LRS	NORTH
7.	BARMER	PC	NORTH
8.	BETUL	LRS	NORTH
9.	BHADARWAH	PC	NORTH
10.	BHOPAL	CAPITAL	NORTH
11.	BIKANER	PC	NORTH
12.	BILASPUR	LRS	NORTH
13.	CHANDIGARH	CAPITAL	NORTH
14.	CHHATTARPUR	PC	NORTH
15.	CHHINDWARA	LRS	NORTH
16.	CHURU	PC	NORTH
17.	DEHRADUN	CAPITAL	NORTH
18.	DELHI-AKASHVANI DELHI	CAPITAL	NORTH
19.	DELHI-EXTERNAL SERVICE DIVISION	CAPITAL	NORTH
20.	DELHI- NEWS SERVICE DIVISION	CAPITAL	NORTH
21.	DHARMSHALA	PC	NORTH
22.	GORAKHPUR	PC	NORTH
23.	GUNA	LRS	NORTH
24.	GWALIOR	PC	NORTH
25.	INDORE	PC	NORTH
26.	JABALPUR	PC	NORTH
27.	JAIPUR	CAPITAL	NORTH
28.	JAISALMER	PC	NORTH

NATIONAL DIGITISATION PROGRAMME

29.	JALANDHAR	PC	NORTH
30.	JAMMU	PC	NORTH
31.	JHALAWAR	LRS	NORTH
32.	JHANSI	LRS	NORTH
33.	JODHPUR	PC	NORTH
34.	KANPUR	CBS	NORTH
35.	KARGIL	PC	NORTH
36.	KATHUA	LRS	NORTH
37.	KHANDWA	LRS	NORTH
38.	KOTA	LRS	NORTH
39.	KOTPUTLI	LRS	NORTH
40.	KURUKSHETRA	LRS	NORTH
41.	LEH	PC	NORTH
42.	LUCKNOW	CAPITAL	NORTH
43.	LUDHIANA	PC	NORTH
44.	MANDLA	LRS	NORTH
45.	MATHURA	PC	NORTH
46.	MOUNT ABU	LRS	NORTH
47.	NAJIBABAD	PC	NORTH
48.	OBRA	PC	NORTH
49.	PATIALA	LRS	NORTH
50.	PRAYAGRAJ	PC	NORTH
51.	RAJGARH	LRS	NORTH
52.	RAJKOT	PC	NORTH
53.	RAMPUR	PC	NORTH
54.	ROHTAK	PC	NORTH
55.	SAGAR	LRS	NORTH
56.	SHIMLA	CAPITAL	NORTH
57.	SHIVPURI	PC	NORTH
58.	SRINAGAR	PC	NORTH
59.	SURATGARH	PC	NORTH

NATIONAL DIGITISATION PROGRAMME

60.	UDAIPUR	PC	NORTH
61.	VARANASI	PC	NORTH
62.	BARIPADA	LRS	EAST
63.	BERHAMPUR	LRS	EAST
64.	BHAGALPUR	PC	EAST
65.	BHAWANIPATNA	PC	EAST
66.	BALANGIR	LRS	EAST
67.	CHAIBASA	LRS	EAST
68.	CUTTACK	PC/CBS	EAST
69.	DALTONGANJ	LRS	EAST
70.	DARBHANGA	PC	EAST
71.	HAZARIBAG	LRS	EAST
72.	JAMSHEDPUR	PC	EAST
73.	JEYPORE	PC	EAST
74.	JORANDA	LRS	EAST
75.	KEONJHAR	LRS	EAST
76.	KOLKATA	CAPITAL/CBS	EAST
77.	KURSEONG	PC	EAST
78.	MURSHIDABAD	LRS	EAST
79.	PATNA	CAPITAL/CBS	EAST
80.	PURI	LRS	EAST
81.	PURNEA	LRS	EAST
82.	RANCHI	CAPITAL	EAST
83.	ROURKELA	LRS	EAST
84.	SAMBALPUR	PC	EAST
85.	SASARAM	LRS	EAST
86.	SILIGURI	PC	EAST
87.	AHMEDABAD	CAPITAL/VB-CBS	WEST
88.	AHMEDNAGAR (AHILYANAGAR)	LRS	WEST
89.	AHWA	PC	WEST
90.	AKOLA	LRS	WEST

NATIONAL DIGITISATION PROGRAMME

91.	AMRAVATI	LRS	WEST
92.	AURANGABAD (CHHATRAPATI SAMBHAJINAGAR)	PC	WEST
93.	BALAGHAT	LRS	WEST
94.	BEED	LRS	WEST
95.	CHANDRAPUR	LRS	WEST
96.	DHULE	LRS	WEST
97.	GODHARA	LRS	WEST
98.	JAGDALPUR	PC	WEST
99.	JALGAON	PC	WEST
100.	JUNAGARH	PC	WEST
101.	KOLHAPUR	PC	WEST
102.	MUMBAI	CAPITAL	WEST
103.	NAGPUR	PC	WEST
104.	NANDED	LRS	WEST
105.	NASHIK	LRS	WEST
106.	OSMANABAD (DHARASHIV)	LRS	WEST
107.	PANAJI	CAPITAL	WEST
108.	PARBHANI	PC	WEST
109.	RAIGARH	LRS	WEST
110.	RAIPUR	CAPITAL	WEST
111.	RATNAGIRI	PC	WEST
112.	SANGLI	PC	WEST
113.	SARAIPALLI	LRS	WEST
114.	SATARA	LRS	WEST
115.	SINDHUDURG NAGARI	LRS	WEST
116.	SOLAPUR	PC	WEST
117.	SURAT	PC	WEST
118.	UJJAIN	PC	WEST
119.	VADODARA	PC	WEST
120.	YAVATMAL	LRS	WEST
121.	ADILABAD	LRS	SOUTH

NATIONAL DIGITISATION PROGRAMME

122.	ANANTAPUR	LRS	SOUTH
123.	BENGALURU	CAPITAL	SOUTH
124.	BALLARI	LRS	SOUTH
125.	BIJAPUR (VIJAPURA)	LRS	SOUTH
126.	KOZHIKODE	PC	SOUTH
127.	KANNUR	PC	SOUTH
128.	CHENNAI	CAPITAL	SOUTH
129.	CHITRADURGA	LRS	SOUTH
130.	KOCHI	PC	SOUTH
131.	COIMBATORE	PC	SOUTH
132.	DAMAN	CAPITAL	SOUTH
133.	DHARMAPURI	LRS	SOUTH
134.	DHARWAD	PC	SOUTH
135.	KALABURAGI	PC	SOUTH
136.	HASSAN	PC	SOUTH
137.	HOSAPETE	LRS	SOUTH
138.	HYDERABAD	CAPITAL	SOUTH
139.	IDUKKI (DEVIKULAM)	PC	SOUTH
140.	KADAPA	PC	SOUTH
141.	KARAIKAL	LRS	SOUTH
142.	KARWAR	LRS	SOUTH
143.	KAVARATTI	CAPITAL	SOUTH
144.	KODAIKANAL	PC	SOUTH
145.	KURNOOL	LRS	SOUTH
146.	MACHERLA	LRS	SOUTH
147.	MADIKERI	PC	SOUTH
148.	MADURAI	PC	SOUTH
149.	MANGALURU	PC	SOUTH
150.	MANJERI	LRS	SOUTH
151.	MARKAPURAM	LRS	SOUTH
152.	MYSURU	PC	SOUTH

NATIONAL DIGITISATION PROGRAMME

153.	NAGERCOIL	LRS	SOUTH
154.	NELLORE	LRS	SOUTH
155.	NIZAMABAD	LRS	SOUTH
156.	OOTY (UDAGAMANDALAM)	PC	SOUTH
157.	SRI VIJAYA PURAM (PORT BLAIR)	CAPITAL	SOUTH
158.	PUDUCHERRY	CAPITAL	SOUTH
159.	RAICHUR	LRS	SOUTH
160.	THIRUVANANTHAPURAM	CAPITAL	SOUTH
161.	THRISSUR	PC	SOUTH
162.	TIRUCHIRAPPALLI	PC	SOUTH
163.	TIRUNELVALLI	PC	SOUTH
164.	TIRUPATI	LRS	SOUTH
165.	THOOTHUKUDI (TUTICORIN)	PC	SOUTH
166.	VIJAYAWADA	PC	SOUTH
167.	VISAKHAPATNAM	PC/FM-RAINBOW	SOUTH
168.	WARANGAL	LRS	SOUTH
169.	AGARTALA	CAPITAL	NORTH EAST
170.	AIZWAL	CAPITAL	NORTH EAST
171.	BELONIA	LRS	NORTH EAST
172.	CHURACHANDPUR	LRS	NORTH EAST
173.	DIBRUGARH	PC	NORTH EAST
174.	DIPHU	LRS	NORTH EAST
175.	GANGTOK	CAPITAL	NORTH EAST
176.	GUWAHATI	CAPITAL	NORTH EAST
177.	HAFLONG	LRS	NORTH EAST
178.	IMPHAL	CAPITAL	NORTH EAST
179.	ITANAGAR	CAPITAL	NORTH EAST
180.	JORHAT	LRS	NORTH EAST
181.	JOWAI	LRS	NORTH EAST
182.	KAILASHAHAR	LRS	NORTH EAST
183.	KOHIMA	CAPITAL	NORTH EAST

NATIONAL DIGITISATION PROGRAMME

184.	KOKRAJHAR	PC	NORTH EAST
185.	LUNGLEI	PC	NORTH EAST
186.	MOKOKCHUNG	LRS	NORTH EAST
187.	NAGAON	LRS	NORTH EAST
188.	SHILLONG (NORTH EASTERN SERVICE)	CAPITAL	NORTH EAST
189.	PASIGHAT	PC	NORTH EAST
190.	SHILLONG	CAPITAL	NORTH EAST
191.	SILCHAR	PC	NORTH EAST
192.	TAWANG	PC	NORTH EAST
193.	TEZPUR	PC	NORTH EAST
194.	TEZU	PC	NORTH EAST
195.	TURA	PC	NORTH EAST
196.	ZIRO	LRS	NORTH EAST

PC : Primary Channel

LRS :Local Radio Station

VB : Vividh Bharati

CBS :Commercial Broadcast Service

List of Doordarshan Kendras(DDKs)

SL.NO.	NAME OF THE DDK KENDRAS	TYPE	ZONE
1	DDK DEHRADUN (DD UTTRAKHAND)	CAPITAL	NORTH
2	DDK JALANDHAR	PGF	NORTH
3	DDK LEH	CAPITAL	NORTH
4	DDK MATHURA	PGF	NORTH
5	DDK SHIMLA	CAPITAL	NORTH
6	DDK GORAKHPUR	PGF	NORTH
7	DDK SRINAGAR (DD KASHIR)	CAPITAL	NORTH
8	DDK JAMMU	PGF	NORTH
9	DDK JAIPUR (DD RAJASTHAN)	CAPITAL	NORTH
10	DDK LUCKNOW (DD UTTAR PRADESH)	CAPITAL	NORTH
11	DDK BHUBANESWAR	CAPITAL	EAST
12	DDK KOLKATA	CAPITAL	EAST
13	DDK RANCHI	CAPITAL	EAST
14	DDK DALTONGANJ	PGF	EAST
15	DDK PATNA	CAPITAL	EAST
16	DDK MUZZAFFARPUR	PGF	EAST
17	DDK SHANTINIKETAN	PGF	EAST
18	DDK JALPAIGUR	PGF	EAST
19	DDK BHAWANIPATNA	PGF	EAST
20	DDK JAGDALPUR	PGF	WEST
21	DDK MUMBAI	CAPITAL	WEST
22	DDK NAGPUR	PGF	WEST
23	DDK RAIPUR	CAPITAL	WEST
24	DDK AHMEDABAD	CAPITAL	WEST
25	DDK BHOPAL	CAPITAL	WEST
26	DDK PUNE	PGF	WEST
27	DDK PANAJI	CAPITAL	WEST
28	DDK COIMBATORE	PGF	SOUTH
29	DDK VIJAYAWADA	PGF	SOUTH
30	DDK BENGALURU	CAPITAL	SOUTH
31	DDK KOZHIKODE	PGF	SOUTH
32	DDK CHENNAI	CAPITAL	SOUTH
33	DDK HYDERABAD	CAPITAL	SOUTH
34	DDK THIRUVANANTHAPURAM	CAPITAL	SOUTH
35	DDK AGARTALA (DD TRIPURA)	CAPITAL	NORTH EAST
36	DDK ITANAGAR (DD ARUNPRABHA)	CAPITAL	NORTH EAST

NATIONAL DIGITISATION PROGRAMME

37	DDK SAMBALPUR	PGF	NORTH EAST
38	DDK KOHIMA (DD NAGALAND)	CAPITAL	NORTH EAST
39	DDK GUWAHATI	CAPITAL	NORTH EAST
40	DDK IMPHAL	PGF	NORTH EAST
41	DDK GANGTOK	CAPITAL	NORTH EAST
42	DDK DELHI (CPC)	CAPITAL	CENTRAL
43	DD URDU	CAPITAL	CENTRAL
44	DDK GULBARGA	PGF	NORTH
45	DDK PATIALA	PGF	NORTH
46	DDK ALLAHABAD	PGF	NORTH
47	DDK BAREILLY	PGF	NORTH
48	DDK MAU	PGF	NORTH
49	DDK VARANASI	PGF	NORTH
50	DDK CHANDIGARH	CAPITAL	NORTH
51	DDK RAJOURI	PGF	NORTH
52	DDK RAJKOT	PGF	WEST
53	DDK INDORE	PGF	WEST
54	DDK GWALIOR	PGF	WEST
55	DDK TIRUPATI	PGF	SOUTH
56	DDK THRISSUR	PGF	SOUTH
57	DDK WARANGAL	PGF	SOUTH
58	DDK PORT BLAIR	CAPITAL	SOUTH
59	DDK DIBRUGARH	PGF	NORTH EAST
60	DDK SILCHAR	PGF	NORTH EAST
61	DDK SHILLONG	CAPITAL	NORTH EAST
62	DDK TURA	PGF	NORTH EAST
63	DDK AIZWAL	CAPITAL	NORTH EAST
64	DDK PUDUCHERRY	CAPITAL	SOUTH
65	DDK MADURAI	PGF	SOUTH

PGF : Programme Generation Facility