

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY (MeitY)
NEW DELHI

TENDER NO: MeitY/IT-SYS/2026/042/RT

TENDER DOCUMENT FOR THE DESIGN, DEVELOPMENT, IMPLEMENTATION, AND MAINTENANCE OF THE INTEGRATED NATIONAL DATA ANALYTICS PLATFORM (INDAP) 2.0

1. NOTICE INVITING TENDER (NIT)

1.1. Introduction

The President of India, acting through the Ministry of Electronics and Information Technology (MeitY), invites online bids through the Central Public Procurement Portal (CPPP) and Government e-Marketplace (GeM) for the selection of a System Integrator (SI) for the Design, Development, Implementation, and Maintenance of the Integrated National Data Analytics Platform (INDAP) 2.0.

1.2. Project Background

The INDAP 2.0 aims to provide a unified framework for data-driven governance across various central ministries and state governments. The project involves high-scale data ingestion, AI/ML-based processing, and visual dashboarding for decision support systems.

2. TENDER SUMMARY

Clause	Item	Details
2.1	Tender Reference Number	MeitY/IT-SYS/2026/042/RT
2.2	Name of the Work	Implementation of INDAP 2.0
2.3	Estimated Cost of Project	₹ 450,00,00,000/- (INR Four Hundred Fifty Crores Only)
2.4	EMD (Earnest Money Deposit)	₹ 9,00,00,000/- (INR Nine Crores Only)
2.5	Performance Bank Guarantee (PBG)	5% of the total Contract Value

Clause	Item	Details
2.6	Tender Fee	₹ 50,000/- (Non-refundable)
2.7	Project Duration	12 Months Development + 60 Months AMC/O&M
2.8	Bid Validity	180 Days from the date of bid opening
2.9	Pre-Bid Meeting	January 30, 2026, 11:00 AM (MeitY HQ)
2.10	Last Date for Submission	February 20, 2026, 3:00 PM

3. DEFINITIONS & ABBREVIATIONS

3.1. Definitions

- **"Authority"** means the Ministry of Electronics and Information Technology (MeitY).
- **"Bidder"** means the entity participating in the tender process.
- **"Contractor/System Integrator"** means the successful bidder who is awarded the contract.
- **"Go-Live"** refers to the successful operationalization of the platform after UAT.
- **"T+n"** refers to time in months from the date of signing the contract.

3.2. Abbreviations

- **ALM:** Application Lifecycle Management
- **EMD:** Earnest Money Deposit
- **Meity:** Ministry of Electronics and Information Technology
- **QCBS:** Quality and Cost Based Selection
- **SLA:** Service Level Agreement
- **UAT:** User Acceptance Testing

4. SCOPE OF WORK

4.1. General Scope

The System Integrator (SI) shall be responsible for the "End-to-End" delivery of the platform, including requirements gathering, architecture design, software development, cloud infrastructure provisioning (on MeitY empanelled clouds), security hardening, and ongoing maintenance.

4.2. Functional Requirements

- **4.2.1. Data Ingestion Engine:** Development of automated pipelines to ingest data from 150+ diverse sources (SQL, NoSQL, CSV, Real-time APIs, IoT feeds).
- **4.2.2. Data Lakehouse Architecture:** Implementation of a unified storage layer capable of handling Petabyte-scale data with ACID compliance.
- **4.2.3. AI/ML Workbench:** A collaborative environment for data scientists to build, train, and deploy predictive models using Python, R, and Spark.
- **4.2.4. Visualization Layer:** Role-based dashboards for executive monitoring and granular reporting.

4.3. Non-Functional Requirements

- **4.3.1. Scalability:** Support for 50,000 concurrent users with sub-2 second response time.
- **4.3.2. Interoperability:** Compliance with National Data Sharing and Accessibility Policy (NDSAP) standards.
- **4.3.3. Security:** Multi-factor authentication, end-to-end encryption (AES-256), and SOC-2 compliance.

4.4. Training and Capacity Building

The SI must conduct at least 50 training sessions across India for government officials, including technical hands-on training and executive overview sessions.

5. TECHNICAL SPECIFICATIONS

5.1. Software Stack Requirements

The solution must be built on Open Source technologies as per the Government of India Policy on Adoption of Open Source Software.

- **Backend:** Java/Spring Boot or Python/Django.
- **Database:** PostgreSQL for RDBMS, MongoDB for NoSQL, and Delta Lake for the Data Lake.
- **UI/UX:** React.js or Angular with mobile-responsive design.

5.2. Infrastructure Requirements

The SI must utilize MeitY-empanelled Cloud Service Providers (CSPs) within India. The platform must support auto-scaling and high availability (99.9% uptime).

6. ELIGIBILITY CRITERIA

6.1. Financial Eligibility

- **6.1.1. Average Annual Turnover:** The bidder must have an average annual turnover of at least ₹ 150 Crores during the last three financial years (FY 2022-23, 2023-24, 2024-25).
- **6.1.2. Net Worth:** The bidder must have a positive net worth in each of the last three financial years.

6.2. Technical Experience

- **6.2.1. Project Experience:** The bidder must have successfully implemented at least two (2) IT projects of value not less than ₹ 50 Crores each, or one (1) project of value not less than ₹ 100 Crores, for any Government Organization/PSU/Large Private Enterprise in India in the last 7 years.
- **6.2.2. Domain Expertise:** Experience in Big Data/Analytics projects is mandatory.

6.3. Certifications

- ISO 9001:2015 (Quality Management)
 - ISO 27001 (Information Security)
 - CMMI Level 5 (Software Development)
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7. COMMERCIAL & FINANCIAL CONDITIONS

7.1. Earnest Money Deposit (EMD)

The bidder shall furnish an EMD of ₹ 9,00,00,000/- in the form of a Bank Guarantee or Insurance Surety Bond. EMD of unsuccessful bidders will be returned within 30 days of the award of contract.

7.2. Performance Security

The successful bidder must submit a Performance Bank Guarantee (PBG) equivalent to 5% of the total contract value within 15 days of the Letter of Intent (LoI).

7.3. Payment Milestones

Milestone	Deliverable	Payment (%)
M1	Mobilization Advance (against Bank Guarantee)	10%
M2	System Design & SRS Approval	15%
M3	Completion of Development & Beta Launch	30%
M4	UAT & Final Go-Live	25%
M5	Post-Implementation Support (Quarterly over 5 years)	20% (split equally)

8. BID SUBMISSION PROCESS

8.1. Online Submission

Bids must be submitted online only at the CPPP website. Manual bids will not be accepted.

8.2. Two-Bid System

- **Part 1: Technical Bid:** Containing all eligibility documents, technical proposal, and compliance sheets.
- **Part 2: Financial Bid:** Containing the Bill of Quantities (BOQ) in the specified Excel format.

8.3. Checklist of Documents

1. Tender Fee & EMD Receipt.
 2. Power of Attorney for authorized signatory.
 3. Audited Financial Statements for last 3 years.
 4. Experience Certificates/Work Orders/Completion Certificates.
 5. Technical Solution Document and High-Level Architecture.
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9. EVALUATION CRITERIA

9.1. Quality and Cost Based Selection (QCBS)

The evaluation will be based on a weightage of 70% for Technical and 30% for Financial scores.

9.2. Technical Scoring Matrix

- **Turnover (Max 10 marks):** > ₹ 300 Cr (10), ₹ 150-300 Cr (5).
- **Relevant Experience (Max 30 marks):** 5+ projects (30), 3-5 projects (20).
- **Approach & Methodology (Max 30 marks):** Based on presentation and solution design.
- **Resource Qualifications (Max 30 marks):** Evaluation of CVs of key personnel (Project Manager, Solution Architect).

9.3. Financial Evaluation

The lowest financial bid (L1) will be given a financial score of 100. Other bids will be scored as:

$$S_f = 100 \times \frac{F_m}{F}$$

Where S_f is the financial score, F_m is the lowest price, and F is the price of the proposal under consideration.

10. COMPLIANCE REQUIREMENTS

The Bidder must comply with all Central Government guidelines regarding "Make in India" (PPP-MII Order 2017) and "Restrictions under Rule 144(xi) of GFR 2017" concerning bidders from countries sharing a land border with India.

11. SLA, PENALTIES & LIQUIDATED DAMAGES

11.1. Service Level Agreements (SLA)

- **System Availability:** 99.9% (Measured Monthly).
- **Issue Resolution (Critical):** Within 4 hours.
- **Issue Resolution (Medium):** Within 24 hours.

11.2. Penalties

- Failure to meet uptime: 1% of the quarterly payment for every 0.1% drop below 99.9%.
- Delay in Project Milestones: 0.5% of the milestone value per week of delay, capped at 10% of the total contract value.

11.3. Liquidated Damages (LD)

If the delay exceeds 20 weeks, the Authority reserves the right to terminate the contract and forfeit the PBG.

12. TERMINATION & EXIT CLAUSES

12.1. Termination for Default

The Authority may terminate the contract if the SI fails to deliver services within the specified timeframe or violates any terms of the agreement.

12.2. Exit Management

Upon termination or expiry of the contract, the SI must ensure a smooth transition of all assets, data, and intellectual property to the Authority or its designated successor over a period of 6 months.

13. LEGAL & ARBITRATION CLAUSES

13.1. Governing Law

The contract shall be governed by the laws of India. All disputes are subject to the jurisdiction of courts in New Delhi.

13.2. Arbitration

In case of disputes, the matter shall be referred to a sole arbitrator appointed by the Secretary, MeitY, under the Arbitration and Conciliation Act, 1996.

14. FORCE MAJEURE

Neither party shall be liable for any delay or failure in performance resulting from acts beyond their reasonable control, including but not limited to acts of God, war, riot, pandemic, or government restrictions.

15. CONFIDENTIALITY & DATA PROTECTION

The SI shall maintain absolute confidentiality of all data accessed during the project. The SI must comply with the Digital Personal Data Protection (DPDP) Act, 2023. All data resides within the sovereign boundaries of India.

16. INTEGRITY PACT / ANTI-CORRUPTION

Bidders must sign an Integrity Pact with the Authority to prevent bribery and corrupt practices. Any violation will lead to immediate disqualification and blacklisting.

17. RISK ALLOCATION

The SI shall bear all operational and technical risks during the development phase. The Authority shall be responsible for providing access to data sources and necessary approvals from internal stakeholders.

18. ANNEXURES

Annexure A: Technical Form (Format for Experience)

Sl.	Project Name	Client Name	Project Value	Scope of Work	Status
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Annexure B: Financial Bid Format (BOQ Sample)

Note: To be submitted in .xls format only.

- 1. Software Development Cost: ₹ _____
- 2. Cloud Infrastructure Cost (5 Years): ₹ _____
- 3. Manpower/O&M Cost: ₹ _____
- 4. **Total Bid Price (Inclusive of Taxes): ₹ _____**

Annexure C: Declaration of Non-Blacklisting

(On Rs. 100/- Stamp Paper, Notarized)

19. SAMPLE BOQ TABLE (Detailed)

Item Code	Description	Quantity	Unit	Total Rate (INR)
1.01	Requirement Gathering & SRS	1	AU	
1.02	Data Ingestion Framework	150	Connectors	
1.03	AI/ML Platform License (if any)	1	Lot	
1.04	Cloud Compute (Instance Type X)	60	Months	

Item Code	Description	Quantity	Unit	Total Rate (INR)
1.05	On-site Support Engineers	5	Persons	

20. FINAL INSTRUCTIONS TO BIDDERS

1. Carefully read the entire document.
2. Ensure all certificates are valid on the date of submission.
3. Upload documents in PDF format only (except BOQ).
4. Participate in the pre-bid meeting to clarify doubts; no queries will be entertained thereafter.
5. Check for Corrigendum/Addendum on CPPP portal before final submission.

Sd/-

Joint Secretary (IT)

Ministry of Electronics and Information Technology