GOVERNMENT OF MANIPUR

DEPARTMENT OF INFORMATION TECHNOLOGY

Request for Proposal (RFP) for

SELECTION OF STRATEGIC IMPLEMENTATION PARTNER FOR ESTABLISHMENT, OPERATIONALIZATION AND LONG-TERM MANAGEMENT OF THE ARTIFICIAL INTELLIGENCE CENTRE OF EXCELLENCE (AI-CoE) UNDER THE IndiaAI MISSION

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1. Introduction and Bid Information

1.1 Executive Summary

The Department of Information Technology (DIT), Government of Manipur, invites Request for Proposal (RFP) from eligible academic institutions, technology research organizations, industry consortiums, and system integrators to establish, operationalize, and manage the Manipur Artificial Intelligence Center of Excellence (AI-CoE).

Vision Statement

"To establish the Artificial Intelligence Centre of Excellence as a catalyst for responsible, inclusive and sustainable AI-driven governance, innovation, research, capacity building and digital transformation, enabling the Government of Manipur to leverage Artificial Intelligence for improving public service delivery, enhancing administrative efficiency, fostering entrepreneurship and supporting socioeconomic development in alignment with the IndiaAI Mission."

1.2 Alignment with National & State Priorities

The AI-CoE is aligned with the MeitY IndiaAI Mission guidelines to foster regional innovation, research, and high-impact AI applications in North-East India. In strict compliance with national mandates, the Center will leverage the central IndiaAI Compute Facility as its primary supercomputing infrastructure, eliminating redundant high-capital local hardware acquisition unless explicitly authorized by MeitY.

The selected Strategic Implementation Partner (SIP) shall deliver an end-to-end AI- CoE solution covering facility readiness, AI compute and platform services, application enablement, incubation, training, integration, project management, and long-term operations and maintenance. Where the IndiaAI Mission provides access to central compute infrastructure, such infrastructure shall be treated as a shared/central resource and shall not be duplicated in local procurement unless specifically approved by the DIT.

This RFP outlines the project requirements, eligibility criteria, evaluation methodology, implementation approach, and contractual framework for selection of a competent Strategic Implementation Partner capable of establishing a sustainable, scalable, and future-ready AI ecosystem for the Government of Manipur.

1.3 Bid Information

Particular	Details
Tender Title	Selection of Strategic Implementation Partner for Design, Development, Establishment, Operationalization, and Operations & Maintenance of Artificial Intelligence Centre of Excellence (AI-CoE)
DIT	Department of Information Technology, Government of Manipur
Project Location	IT SEZ Building No. 1, Mantripukhri, Imphal, Manipur
Bid Method	Open Competitive Bidding – Two-Bid System (Technical & Financial)
Contract Type	Design, Build, Implement, Operate and Maintain (DBIOM)
Bid Validity	180 days from the last date of bid submission (Clause 2.8)
Estimated Project Duration	24 weeks implementation + 36 months O&M (42 months in total), as specified in the Bid Data Sheet at Clause 7.14
Tender Fee	₹10,000/- (Rupees Ten Thousand only), non-refundable
Earnest Money Deposit (EMD)	₹10,00,000/- (Rupees Ten Lakh only)
Performance Security	5% of the Contract Value, as specified in Clause 2.13

Particular	Details
Method of Evaluation	QCBS: Technical 70% + Financial 30%; minimum technical qualifying score 70/100.
Mode of Submission	https://manipurtenders.gov.in
Issuing Authority	Director, Department of Information Technology, Government of Manipur
Consortium / JV	Permitted, maximum three (3) members, subject to the consortium conditions in Clause 2.2 and Clause 7.2

Schedule of the Bid Process (Important Dates)

Sl. No.	Event	Date / Time / Details
1	Date of issue of RFP	13-10-2026
2	Website for download of RFP document	https://manipurtenders.gov.in ; www.manipur.gov.in
3	Last date and time for submission of pre-bid queries	23-10-2026
4	Bid submission start date and time	13-10-2026
5	Last date and time for submission of Bids	03-11-2026 Days at 01:00 PM
6	Date and time of opening of Pre-Qualification and Technical Bids	03-11-2026 Days at 02:00 PM
7	Date of Technical Presentation / Demonstration (if required)	05-11-2026 Days at 03:00 PM
8	Date and time of opening of Financial Bids	To be Notified Later
9	Place of opening of Bids	Department of Information Technology, Government of Manipur, Imphal - 795001
10	Address for communication and submission of queries	Director, Department of Information Technology, Government of Manipur, Imphal - 795001; Email: dit-mn@nic.in

The dates specified above shall be read with the provisions of Clauses 2.4, 2.7, 2.8 and 2.10. Any change in the above schedule shall be notified only through a corrigendum published on https://manipurtenders.gov.in. Bidders are advised to check the website regularly until the last date of bid submission.

1.4 Disclaimer

This Request for Proposal (RFP) is an invitation to offer only and does not, by itself, constitute an offer, contract, commitment, representation or obligation on the part of the Department of Information Technology (DIT), Government of Manipur. No contractual relationship shall arise between DIT and any Bidder unless and until a Contract Agreement is executed between DIT and the successful Bidder.

The information contained in this RFP, or subsequently provided to Bidders in any form, is furnished subject to the terms and conditions of this RFP. While reasonable care has been taken in its preparation, DIT makes no representation or warranty, express or implied, as to the accuracy, adequacy, completeness or reliability of such information. Each Bidder shall carry out its own investigation, due

diligence and verification and shall obtain independent legal, financial and technical advice before submitting its Proposal.

DIT reserves the right, in accordance with applicable procurement rules, to amend, modify, supplement or withdraw this RFP, to accept or reject any or all Proposals, and to annul the procurement process at any stage without assigning any reason and without incurring any liability to any Bidder. All costs incurred by a Bidder in the preparation and submission of its Proposal shall be borne by the Bidder.

Submission of a Proposal shall be deemed to constitute the Bidder's unconditional acceptance of the terms and conditions of this RFP, including all corrigenda, addenda and clarifications issued by DIT.

2. Instructions to Bidders (ITB)

2.1 General Instructions

The Department of Information Technology, Government of Manipur invites proposals from eligible bidders for the Design, Development, Establishment, Operationalization, and Operations & Maintenance (O&M) of the Artificial Intelligence Centre of Excellence (AI-CoE).

Bidders shall carefully examine this RFP and submit complete proposals containing all required information, supporting documents, declarations, and forms.

Submission of a proposal shall be deemed to indicate that the bidder has carefully read, understood, and accepted all the terms and conditions of this RFP.

2.2 Eligibility of Bidders

The Bidder may participate either as a Single Entity or as a Consortium/Joint Venture (JV) of not more than three (3) members, including the Lead Member. Subcontracting of the whole or any substantial part of the Contract is not permitted.

2.2.1 Single Entity

A Single Entity shall meet, on its own, all the Eligibility Criteria specified in Clause 7.2.

2.2.2 Consortium / Joint Venture

Where the Bidder is a Consortium/JV, the following conditions shall apply:

(i) The Consortium shall nominate one member as the Lead Member through a Power of Attorney executed by all members. The Lead Member shall submit the Bid, represent the Consortium in all dealings with DIT, receive instructions and payments on behalf of the Consortium, and sign the Contract Agreement.

(ii) All members of the Consortium shall be jointly and severally liable to DIT for the performance of all obligations under the Contract, and the Consortium Agreement shall expressly record such joint and several liability.

(iii) The Lead Member shall execute not less than 51% of the core implementation responsibilities, and the Other Member(s) shall together execute not more than 49% of such responsibilities. The Consortium Agreement shall record the scope and responsibility of each member.

(iv) The Lead Member shall individually meet not less than 75% of the Average Annual Turnover requirement and not less than 75% of each project-experience requirement prescribed in Clause 7.2; each Other Member shall individually meet not less than 25% of the Average Annual Turnover requirement; and the Consortium shall collectively meet 100% of each such requirement.

(v) The criteria relating to Legal Entity, Years of Operation, Statutory Compliance, Blacklisting, Conflict of Interest and Integrity Pact shall be met by each member of the Consortium individually.

(vi) The Quality, Information Security, IT Service Management and Development Capability certifications prescribed in Clause 7.2 shall be held by the Lead Member. An Other Member may supplement, but not substitute, such certifications.

(vii) The criterion-wise applicability of the Eligibility Criteria to the Lead Member, the Other Member(s) and the Consortium collectively is set out in the table at Clause 7.2(D).

(viii) A member of one Consortium shall not participate, whether as a Single Entity or as a member of another Consortium, in the same Bid. Any such participation shall render all Bids involving that member liable to rejection.

(ix) The composition of the Consortium shall not be altered after submission of the Bid, and shall not be altered during the currency of the Contract without the prior written approval of DIT.

(x) The Consortium Agreement (Annexure IV), or a legally enforceable Memorandum of Understanding where permitted by DIT at the bid stage, shall be submitted along with the Bid. Where an MoU is submitted, the definitive Consortium Agreement shall be executed and submitted before signing of the Contract Agreement.

(xi) A change in control, merger, demerger or insolvency of any member during the bidding process or the Contract period shall be intimated to DIT forthwith, and DIT may, in accordance with applicable procurement rules, review the continued eligibility of the Consortium.

2.3 Cost of Bidding

The bidder shall bear all costs associated with the preparation and submission of the proposal. The DIT shall not be responsible or liable for any such costs, irrespective of the outcome of the bidding process.

2.4 Clarifications

Any clarification regarding this RFP shall be submitted in writing through the designated communication channel within the prescribed timeline. Responses to queries and any corrigendum/addendum issued by the DIT shall form an integral part of this RFP.

2.5 Amendment of RFP

The DIT reserves the right to amend, modify, or supplement this RFP at any time before the submission deadline. Any amendment shall be published through the designated procurement portal and shall be binding on all bidders.

2.6 Preparation of Proposal

The proposal shall be prepared in English and shall comprise:

(i) Technical Proposal

(ii) Financial Proposal

(iii) Supporting Documents

(iv) Bid Forms

(v) Statutory Declarations

(vi) Compliance Statements

2.7 Bid Submission

The bidder shall submit the proposal in accordance with the instructions provided in this RFP. Late, incomplete, or conditional bids may be rejected.

2.8 Bid Validity

The proposal shall remain valid for 180 days from the last date of submission unless otherwise specified in the Bid Data Sheet.

2.9 Tender Fee and Earnest Money Deposit (EMD)

The bidder shall furnish the Tender Fee of Rs.10,000/- and Earnest Money Deposit (EMD) of

Rs.10,00,000/- online as per details below:

Sl. No.	Particulars	Details
1	A/c Name	DIT Maintenance Account
2	Name of the Bank and Branch Details	State Bank of India, Secretariat Branch
3	Bank A/c Number	44305427123
4	Account Type	Current
5	NEFT/IFSC Code	SBIN0004562

2.10 Bid Opening

The Technical Proposals shall be opened on the date and time notified by the DIT. Financial Proposals of only technically qualified bidders shall be opened subsequently.

2.11 Evaluation of Bids

Evaluation shall be carried out in accordance with the methodology specified in this RFP. The evaluation process may include:

(i) Eligibility Assessment

(ii) Technical Evaluation

(iii) Technical Presentation/Demonstration (if required)

(iv) Financial Evaluation

(v) Combined QCBS Evaluation

2.12 Award of Contract

The Contract shall be awarded in accordance with Clause 7.6 (Award of Contract), which sets out the complete provisions relating to award, issue of the Letter of Award, submission of Performance Security, execution of the Contract Agreement and commencement of the Project.

2.13 Performance Security

The successful Bidder shall furnish a Performance Security equal to 5% of the Contract Value, in the form of an irrevocable and unconditional bank guarantee issued by a scheduled commercial bank in the prescribed format (Annexure XI), within 15 days from the date of issue of the Letter of Award and in any event before signing of the Contract Agreement.

The Performance Security shall remain valid up to 90 days beyond the expiry of the Operations & Maintenance period and shall be extended correspondingly in the event of any extension of the Contract. DIT may invoke the Performance Security, in whole or in part, for failure of the Bidder to perform any obligation under the Contract, for recovery of service credits, penalties or other dues, or on termination of the Contract for default. Where the Performance Security is invoked in part, the Bidder shall replenish it to its full value within 15 days. No interest shall be payable on the Performance Security. Failure to furnish the Performance Security may result in cancellation of the award and forfeiture of the EMD.

2.14 Confidentiality

The Bidder shall maintain strict confidentiality in respect of all information, data, documents, drawings, configurations, credentials and records obtained or accessed during the bidding process and during the performance of the Contract, and shall not disclose, publish or use any such information for any purpose other than performance of the Contract without the prior written approval of DIT. The Bidder shall ensure that its personnel, Consortium members and subcontractors execute appropriate non-disclosure undertakings.

Breach of the confidentiality obligation shall entitle DIT, in accordance with applicable procurement rules and without prejudice to any other right or remedy available to it, to take one or more of the following actions:

(i) rejection of the Bid or disqualification of the Bidder, where the breach occurs during the bidding process;

(ii) forfeiture of the Earnest Money Deposit or invocation of the Performance Security, as applicable;

(iii) withholding of payments due under the Contract, to the extent of the loss suffered;

(iv) termination of the Contract for default under Clause 7.12, together with recovery of damages and costs;

(v) recovery of losses under the indemnity provided in Clause 7.10; and

(vi) debarment of the Bidder from participation in future tenders of DIT for a period of up to three (3) years, and such other action as may be permissible under applicable law.

The confidentiality obligations shall survive the expiry or termination of the Contract for a period of three (3) years, and shall survive indefinitely in respect of Government data, personal data and information classified as confidential or secret under applicable law.

2.15 Conflict of Interest

The bidder shall disclose any actual or potential conflict of interest. Any bidder found to have a conflict of interest that could affect the fairness of the procurement process may be disqualified.

2.16 Fraud and Corrupt Practices

DIT expects the highest standards of integrity, ethics, and transparency. Any bidder found to have engaged in fraudulent, corrupt, collusive, coercive, or obstructive practices shall be liable for rejection of the bid and any other action permissible under applicable laws and procurement rules.

2.17 Right to Accept or Reject

The DIT reserves the right, in accordance with applicable procurement rules, to:

(i) accept or reject any or all bids;

(ii) cancel or reissue the RFP;

(iii) modify the scope of work;

(iv) seek additional information or clarifications; and

(v) annul the procurement process without assigning any reason.

Such rights shall be exercised in accordance with applicable procurement rules and the principles of fairness, transparency and non-arbitrariness. No bidder shall have any claim against the DIT arising from such decisions.

2.18 Governing Law and Jurisdiction

This RFP and any Contract resulting from it shall be governed by and construed in accordance with the laws of India. Any dispute or difference arising out of or in connection with this RFP or the Contract shall be resolved in accordance with the dispute resolution mechanism specified in Clause 7.13. Subject to Clause 7.13, the courts at Imphal, Manipur shall have exclusive jurisdiction over all matters arising from this procurement and the Contract.

3. Project Background and Vision

3.1 Project Background

The Department of Information Technology, Government of Manipur proposes to establish an Artificial Intelligence Centre of Excellence (AI-CoE) at the IT SEZ Campus, Mantripukhri, Imphal. The AI-CoE is envisioned as a strategic initiative to accelerate the adoption of Artificial Intelligence (AI) across government departments, academia, industry, startups, and research institutions while promoting innovation, entrepreneurship, and digital transformation in the State. This project aligns with the objectives of the IndiaAI Mission of the Ministry of Electronics and Information Technology (MeitY), Government of India.

The AI-CoE will serve as a common platform for AI research, solution development, capacity building, startup incubation, and deployment of AI-enabled applications to improve governance and public service delivery. It is intended to strengthen Manipur's digital ecosystem and position the State as an emerging AI innovation hub in North-East India.

The Industry Partner shall contribute 10% of the total project cost (approximately ₹2 Crore) over three

(3) years as its financial share, in accordance with the funding pattern set out in the Detailed BoM & Price Schedule.

3.2 Project Vision

The vision of the AI-CoE is to establish Manipur as a leading Artificial Intelligence innovation and skilling hub in North-East India by creating a sustainable ecosystem that supports AI research, technology development, entrepreneurship, and responsible AI adoption. The Centre will encourage collaboration among Government, academia, industry, startups, and research organizations to develop AI-driven solutions for socio-economic development and improved public service delivery.

3.3 Project Objectives

The primary objectives of the AI-CoE are to:

(i) Establish a state-of-the-art AI Centre of Excellence at IT SEZ, Mantripukhri.

(ii) Promote AI-based research, innovation, and technology development.

(iii) Accelerate AI adoption across Government departments and public services.

(iv) Support AI startups through incubation, mentoring, and industry collaboration.

(v) Develop AI-based solutions for priority sectors such as agriculture, healthcare, education, tourism, disaster management, and governance.

(i) Build AI skills through structured training and capacity-building programmes

(ii) Encourage responsible, ethical, secure, and inclusive use of Artificial Intelligence

(iii) Strengthen collaboration among Government, academia, industry, and research institutions.

3.4 Expected Outcomes

The implementation of the AI-CoE is expected to:

(i) Establish a sustainable AI innovation ecosystem in Manipur.

(ii) Improve efficiency, transparency, and responsiveness of Government services.

(iii) Create opportunities for AI startups, entrepreneurs, and researchers.

(iv) Enhance employability through AI-focused skilling and certification programmes.

(v) Facilitate research and development of AI solutions addressing local and regional challenges.

(vi) Promote collaboration with national and international technology partners.

(vii) Position Manipur as a preferred destination for AI innovation and digital transformation in the North-Eastern Region.

3.5 Project Location

The AI-CoE shall be established at IT SEZ Building No. 1, Mantripukhri, Imphal, Manipur, utilizing the infrastructure and facilities identified by the Government of Manipur. The successful bidder shall be responsible for the design, development, establishment, operationalization, and operations & maintenance of the AI-CoE in accordance with the requirements specified in this RFP.

4. Scope of Work

4.1 Overview

The selected Strategic Implementation Partner (SIP) shall be responsible for the design, development, establishment, commissioning, operationalization, and Operations & Maintenance (O&M) of the Artificial Intelligence Centre of Excellence (AI-CoE) at IT SEZ Building No. 1, Mantripukhri, Imphal.

The implementation shall be carried out on a turnkey basis and shall include infrastructure development, AI platforms, computing resources, application development, capacity building, startup incubation, and long-term operations. This scope aligns with the implementation approach and functional areas identified in the Manipur DPR.

4.2 Scope of Services

The successful bidder shall provide end-to-end services including, but not limited to:

(i) Project planning, design, and implementation.

(ii) Establishment of AI-CoE infrastructure and facilities.

(iii) Supply, installation, testing, and commissioning of IT and AI infrastructure.

(iv) Deployment of AI platforms, Data lakehouse, development tools, and collaboration solutions.

(v) Integration with Government systems and national AI initiatives, where applicable.

(vi) Training, knowledge transfer, and capacity building.

(vii) Operations, maintenance, and technical support during the contract period.

4.3 Infrastructure Development

The bidder shall establish the AI-CoE with the necessary physical and digital infrastructure, including:

(i) AI Innovation Lab

(ii) AI Research & Development Lab

(iii) AI Experience Centre

(iv) Data LakeHouse

(v) Startup Incubation Centre

(vi) Training & Capacity Building Centre

(vii) Meeting and Collaboration Spaces

(viii) Server Room / Data Centre

(ix) Administrative Offices

The infrastructure shall be developed in accordance with the facilities planned for the AI-CoE in the Manipur DPR.

4.4 Technology Infrastructure

The bidder shall design and implement a secure and scalable AI technology environment comprising:

(i) AI Compute Infrastructure (GPU-enabled)

(ii) AI Development Platform

(iii) AI/Machine Learning Development Environment

(iv) MLOps and Model Management Tools

(v) Network and Cybersecurity Infrastructure

(vi) Monitoring and Management Tools

4.5 AI Solution Development

The bidder shall support the design, development, testing, and deployment of AI-based applications for priority sectors identified by the Government of Manipur, including:

(i) Governance and Citizen Services

(ii) Agriculture and Horticulture

(iii) Healthcare

(iv) Education

(v) Tourism

(vi) Disaster Management

(vii) Land Records

(viii) Skill Development

The solution architecture shall support future expansion and integration with emerging AI technologies.

4.6 Capacity Building and Training

The bidder shall design and conduct structured training programmes for:

(i) Government Officials

(ii) Technical Personnel

(iii) Faculty Members

(iv) Students

(v) Startups and Entrepreneurs

Training programmes shall include AI fundamentals, machine learning, generative AI, data analytics, ethical AI, and practical use-case development, reflecting the capacity-building goals of the DPR.

4.7 Startup and Innovation Support

The AI-CoE shall promote innovation by providing:

(i) Startup incubation support

(ii) Technical mentoring

(iii) Innovation challenges and hackathons

(iv) Industry and academic collaboration

(v) Access to AI infrastructure for research and prototyping

4.8 Operations & Maintenance

The selected bidder shall provide comprehensive Operations & Maintenance (O&M) services for the duration of the contract, including:

(i) Preventive and corrective maintenance

(ii) Helpdesk and technical support

(iii) Infrastructure monitoring

(iv) Software updates and upgrades

(v) Security monitoring

(vi) Performance reporting

(vii) Asset management

4.9 Deliverables

The successful bidder shall deliver, at a minimum:

(i) Established and operational AI-CoE facility

(ii) AI infrastructure and platforms

(iii) Training programmes and learning materials

(iv) AI applications and pilot use cases

(v) Standard Operating Procedures (SOPs)

(vi) Operations & Maintenance documentation

(vii) Periodic progress and performance reports

5. AI Innovation, Startup Ecosystem, Capacity Building & Implementation Plan

5.1 Overview

The Artificial Intelligence Centre of Excellence (AI-CoE) shall function as the State's central hub for AI research, innovation, skill development, startup incubation, and AI-enabled governance. The Centre shall promote collaboration among Government departments, academic institutions, industry, startups, and research organizations to accelerate the adoption of Artificial Intelligence in Manipur. This aligns with the objectives and ecosystem approach described in the Manipur DPR.

5.2 AI Innovation Ecosystem

The successful bidder shall establish an AI innovation ecosystem that supports:

(i) AI research and development.

(ii) Development of AI-based solutions for Government and public services.

(iii) Collaboration with academic and research institutions.

(iv) Industry partnerships for emerging AI technologies.

(v) AI proof-of-concept (PoC) and pilot projects.

(vi) Responsible and ethical AI practices.

The AI-CoE shall encourage innovation in priority sectors identified by the Government of Manipur.

5.3 Startup Incubation & Entrepreneurship

The bidder shall establish and operate an AI Startup Incubation Programme to support AI- based entrepreneurship.

The programme shall include:

(i) Startup incubation and acceleration.

(ii) Technical mentoring.

(iii) Business advisory support.

(iv) Access to AI infrastructure and development tools.

(v) Industry networking and partnership opportunities.

(vi) Innovation challenges, hackathons, and AI competitions.

(vii) Investor engagement and market access support.

The objective is to foster a sustainable AI startup ecosystem within the State, consistent with the DPR's incubation strategy.

5.4 Capacity Building & Skill Development

The bidder shall develop and deliver structured capacity-building programmes for:

(i) Government officials.

(ii) Students and research scholars.

(iii) Faculty members.

(iv) IT professionals.

(v) Startups and entrepreneurs.

Training programmers' may include:

(i) Artificial Intelligence Fundamentals.

(ii) Machine Learning.

(iii) Deep Learning.

(iv) Generative AI.

(v) Data Analytics.

(vi) Computer Vision.

(vii) Natural Language Processing.

(viii) AI Ethics and Responsible AI.

Appropriate certifications and learning materials shall be provided to participants.

5.5 Academic & Industry Collaboration

The AI-CoE shall facilitate collaboration with:

(i) Universities and higher educational institutions.

(ii) Research organizations.

(iii) Industry partners.

(iv) Technology companies.

(v) Innovation and startup ecosystem partners.

These collaborations shall support research, internships, knowledge exchange, joint projects, and technology transfer.

5.6 Implementation Strategy

The project shall be implemented in a phased manner.

Phase I – Planning & Design

(i) Project initiation.

(ii) Detailed project planning.

(iii) Solution architecture.

(iv) Infrastructure design.

Phase II – Establishment

(i) Infrastructure setup.

(ii) Installation and commissioning of AI platforms.

(iii) Network and security deployment.

(iv) Facility readiness.

Phase III – Operationalization

(i) Launch of AI-CoE services.

(ii) AI application development.

(iii) Startup incubation.

(iv) Training programmes.

(v) Pilot implementation across selected departments.

Phase IV – Operations & Sustainability

(i) Operations & Maintenance (O&M).

(ii) Continuous improvement.

(iii) Performance monitoring.

(iv) Expansion of AI services and partnerships.

This phased approach is aligned with the implementation roadmap presented in the Manipur DPR.

5.7 Key Deliverables

The successful bidder shall deliver:

(i) Fully operational AI-CoE.

(ii) AI Innovation Lab.

(iii) Startup Incubation Centre.

(iv) Capacity Building Programmes.

(v) AI pilot projects.

(vi) Training and certification programmes.

(vii) Standard Operating Procedures (SOPs).

(viii) Quarterly progress reports.

(ix) Knowledge transfer documentation.

5.8 Expected Outcomes

The AI-CoE is expected to:

(i) Strengthen AI adoption across Government departments.

(ii) Promote AI-driven innovation and entrepreneurship.

(iii) Develop a skilled AI workforce.

(iv) Support research and industry collaboration.

(v) Improve public service delivery through AI-enabled solutions.

(vi) Position Manipur as a leading AI innovation and digital transformation hub in North- East India.

6. Service Level Agreements (SLAs), Key Performance Indicators (KPIs), Commercial Model & Payment Milestones

6.1 Overview

The selected Strategic Implementation Partner (SIP) shall ensure the successful establishment, operationalization, and long-term sustainability of the Artificial Intelligence Centre of Excellence (AI-CoE) by meeting the prescribed Service Level Agreements (SLAs), achieving agreed Key Performance Indicators (KPIs), and complying with the commercial and contractual obligations specified in this RFP.

The AI-CoE shall be operated as a high-availability, secure, scalable, and citizen-centric AI innovation platform supporting Government, academia, industry, startups, and research institutions. The commercial and sustainability approach shall be aligned with the implementation and financial planning principles described in the Manipur DPR.

6.2 Service Level Agreements (SLAs)

The successful bidder shall maintain the following minimum service levels throughout the Operations & Maintenance (O&M) period.

Service Parameter	Minimum Requirement
AI Platform Availability (Hardware)	≥ 99%
Core Network Availability (Hardware)	≥ 99%
Critical Incident Response	Within 30 Minutes
Preventive Maintenance	Half Yearly
Security Patch Deployment	Within Approved Timeline

Failure to achieve prescribed SLAs may attract service credits/penalties only in accordance with a predefined calculation methodology, monthly cap, cure period, exclusions (including force majeure and approved planned maintenance), and aggregate liability cap specified in the SCC. Duplicate penalties for the same event shall not apply.

6.3 Operations & Maintenance (O&M)

The bidder shall provide comprehensive O&M services including:

(i) Infrastructure monitoring and management.

(ii) Preventive and corrective maintenance.

(iii) Hardware and software support.

(iv) Helpdesk and technical assistance.

(v) Security monitoring and incident management.

(vi) Asset lifecycle management.

(vii) Periodic performance reporting.

6.4 Key Performance Indicators (KPIs)

The AI-CoE shall be evaluated periodically against measurable performance indicators.

Performance Area	Indicative KPI
AI Solutions Developed	Number of AI applications delivered
Government Adoption	Departments onboarded
Capacity Building	Number of officials and students trained
Startup Ecosystem	Startups incubated and mentored
Research & Innovation	Research projects, publications, or patents supported
Industry Collaboration	MoUs and strategic partnerships established
Platform Availability	Compliance with SLA targets
User Satisfaction	Feedback and service quality scores

The final KPI targets shall be mutually agreed upon during project inception and approved by the Department of Information Technology.

6.5 Performance Monitoring

Performance shall be monitored through:

(i) Monthly Progress Reports (MPRs).

(ii) Quarterly Performance Review Meetings.

(iii) Annual Performance Assessment.

(iv) SLA Compliance Reports.

(v) KPI Achievement Reports.

(vi) Project Steering Committee Reviews.

The successful bidder shall submit all reports in the prescribed format and within the specified timelines.

6.6 Commercial Model

The project shall be executed on a Design, Build, Implement, Operate and Maintain (DBIOM) basis. The commercial proposal shall include, at a minimum:

(i) Infrastructure establishment costs.

(ii) Hardware and software costs.

(iii) AI platform licensing/subscription (where applicable).

(iv) Facility setup costs.

(v) Training and capacity-building costs.

(vi) Operations & Maintenance (O&M) costs.

(vii) Professional services and project management costs.

(viii) Taxes and statutory duties, as applicable.

The commercial model shall support long-term sustainability of the AI-CoE, consistent with the financial planning outlined in the DPR.

Contract Duration: 24 weeks implementation followed by 36 months of O&M (42 months total), unless otherwise specified in the Bid Data Sheet. O&M payments shall be linked to quarterly SLA/KPI compliance and shall not be fully prepaid during implementation.

6.7 Payment Milestones & Deliverables Timelines

Payments shall be linked to the successful completion and acceptance of defined project milestones.

Milestone	Acceptance / Trigger	Indicative Payment / Basis
Mobilization & Project Initiation	Contract signing, Performance Security, kickoff and approved mobilization plan	10% of Implementation Value
Project Plan & Solution Design	Approval of Project Plan, HLD/LLD, implementation schedule, cybersecurity and data architecture	15% of Implementation Value
Infrastructure Supply & Installation	Delivery, installation and configuration; physical verification	35% of Implementation Value
UAT & Go-Live	Successful UAT, security validation, integration and production go-live	20% of Implementation Value
Training & Knowledge Transfer	Completion of initial training, manuals, SOPs and knowledge transfer	10% of Implementation Value
Final Acceptance	Closure of punch-list items and Final Acceptance Certificate	10% of Implementation Value
O&M Payments	Quarterly payment against SLA/KPI compliance during 36-month O&M	Quarterly, as priced in Financial Bid

Note: The milestone percentages specified above are firm. The corresponding payment values shall be derived from the Implementation Value quoted in the accepted Financial Bid and reflected in the Commercial Bid Schedule. O&M charges shall be paid quarterly in arrears in twelve (12) equal instalments over the 36-month O&M period, subject to SLA/KPI compliance and after deduction of applicable service credits under Clause 6.8.

6.8 Service Credits and Penalties

If the successful bidder fails to meet the prescribed SLAs or contractual obligations, the DIT may impose:

(i) service credits;

(ii) financial penalties;

(iii) withholding of milestone payments;

(iv) corrective action plans; and

(v) termination of the Contract in case of persistent non-performance, in accordance with Clause 7.12.

Service credits shall be computed on the following basis and deducted from the quarterly O&M payment for the quarter in which the shortfall occurs:

(A) Service credits for availability (assessed for each month of the quarter)

Monthly Availability (AI Platform / Core Network)	Service Credit (as % of the quarterly O&M payment, for each such month)
99% and above	Nil
98% to below 99%	2%
97% to below 98%	5%
95% to below 97%	10%
Below 95%	15%

(B) Service credits for other service levels

Service Parameter	Service Credit (as % of the quarterly O&M payment)
Critical incident response beyond 30 minutes	0.2% for every hour or part thereof of delay, per incident
Preventive maintenance or health check not carried out within the scheduled period	2% per occurrence
Security patch not deployed within the approved timeline	1% per occurrence

The following conditions shall apply to the computation of service credits:

(i) A cure period of 24 hours from written notice shall be allowed in respect of a first occurrence of any service-level shortfall that is capable of being cured, other than an availability shortfall.

(ii) Downtime attributable to Force Majeure, to approved planned maintenance, to acts or omissions of DIT or its other contractors, or to failure of facilities not within the Bidder's scope, shall be excluded from the computation.

(iii) Duplicate service credits shall not be levied in respect of the same event.

(iv) The total service credits levied in any quarter shall not exceed 20% of the O&M payment for that quarter, and the aggregate service credits over the O&M period shall not exceed 10% of the total O&M value.

(v) Where the ceiling in item (iv) is reached in two consecutive quarters, or where availability falls below 95% in any two months within a quarter, the same shall constitute persistent default for the purposes of Clause 7.12.

The detailed calculation methodology, measurement tools and reporting formats shall be set out in the Special Conditions of Contract and the Contract Agreement, consistent with this Clause.

6.9 Reporting Requirements

The bidder shall submit:

(i) Monthly Progress Reports.

(ii) Quarterly SLA Compliance Reports.

(iii) KPI Achievement Reports.

(iv) Incident and Security Reports.

(v) Asset Inventory Reports.

(vi) Capacity Building Reports.

(vii) Annual Performance and Sustainability Reports.

6.10 Project Closure

Before project completion, the bidder shall:

(i) Complete knowledge transfer to the Department of Information Technology.

(ii) Submit all technical, operational, and administrative documentation.

(iii) Hand over project assets, source code (where applicable), configurations, and operational manuals.

(iv) Ensure successful transition of operations in accordance with the Exit Management Plan

7. Eligibility Criteria, Evaluation Methodology, Contract Conditions & Annexures

7.1 Overview

This section defines the eligibility requirements, bid evaluation methodology, contract conditions, and standard annexures for the selection of the Strategic Implementation Partner (SIP) for the Design, Development, Establishment, Operationalization, and Operations & Maintenance (O&M) of the Artificial Intelligence Centre of Excellence (AI-CoE) at IT SEZ Building No. 1, Mantripukhri.

7.2 Eligibility Criteria

Bidders shall meet the following minimum eligibility requirements:

A. Bidder Qualification Criteria

Ref. No.	Qualification Criteria	Minimum Qualification Requirement	Documentary Evidence
1	Legal Entity	The Bidder shall be a Company incorporated under the Companies Act, 2013/1956, LLP, Government Company, PSU, or Consortium/Joint Venture (subject to Clause 2.2).	Certificate of Incorporation / Registration
2	Years of Operation	The Bidder shall have been in operation for at least five (5) years as on the Bid Due Date.	Certificate of Incorporation
3	Average Annual Turnover	Average annual turnover of not less than ₹100 Crore during the last three (3) audited financial years, namely FY 2023-24, FY 2024-25 and FY 2025-26.	Audited Financial Statements for FY 2023-24, FY 2024-25 and FY 2025-26, and a certificate from a Chartered Accountant (with UDIN) certifying the turnover for each of the said financial years and the average annual turnover.
4	Blacklisting	The Bidder shall not be under any declaration of ineligibility, blacklisting, debarment or banning by any Central/State Government, PSU or statutory authority, which is in force as on the last date of bid submission. The Bidder shall forthwith inform DIT if any such declaration is issued against it at any time after bid submission and until award of the Contract. A Bidder found to be so blacklisted, debarred or banned during this period shall be disqualified and its EMD shall be liable to be forfeited.	Self-Declaration / Affidavit in the prescribed format (Annexure X), confirming the position as on the last date of bid submission and undertaking to inform DIT of any subsequent declaration until award of the Contract.
5	Statutory Compliance	The Bidder shall possess valid PAN, GST Registration, EPF, ESIC (where applicable), and other statutory registrations.	Registration Certificates
6	AI Project Experience	Successfully completed at least three (3) AI/ML/GenAI/Data Analytics/Digital Transformation/GPU-based server projects during the last five (5) years preceding the last date of bid submission, each of value not less than ₹8 Crore, including at least one (1) project for a Central Government, State Government or PSU. A project meeting all the conditions of this criterion is referred to in this RFP as a "Qualifying AI Project".	Work Orders and Completion Certificates
7	ICT Infrastructure Experience	Experience in implementation of Enterprise Data Centre, Cloud, GPU Cluster, HPC, Hyper-Converged Infrastructure, or equivalent.	Work Orders / Completion Certificates

Ref. No.	Qualification Criteria	Minimum Qualification Requirement	Documentary Evidence
8	System Integration Experience	Experience as a Prime System Integrator for at least two (2) large ICT projects completed during the last five (5) years preceding the last date of bid submission.	Work Orders / Completion Certificates
9	Quality Certification	The Bidder shall possess valid ISO 9001:2015 certification.	Valid Certificate
10	Information Security Certification	The Bidder shall possess valid ISO/IEC 27001:2022 certification.	Valid Certificate
11	IT Service Management	The Bidder shall possess valid ISO/IEC 20000-1 certification.	Valid Certificate
12	Capability	The Bidder shall possess CMMI Level 3 or above (or equivalent).	A valid CMMI Level 3 status officially verified through the CMMI Published Appraisal Results System (PARS) database.
13	Cloud Competency	The Bidder shall have active partnership/certification with at least one leading Cloud Service Provider (Public, Government, or Sovereign Cloud), where applicable.	Partnership Certificate
14	AI Technical Team	The Bidder shall have minimum 10 qualified professionals in any of the following: AI/ML, GenAI, Data Engineering, Cloud, Cybersecurity, Networking, DevSecOps, and Project Management.	CVs and Certifications
15	Local Support	The Bidder shall establish a Project Office and deploy resident technical resources in Manipur within 30 days from the Effective Date of the Contract.	Undertaking
16	Bid Security	Submission of Earnest Money Deposit (EMD)/Bid Security as specified in this RFP.	Bank Guarantee / Payment Proof
17	Bid Validity	The Bid shall remain valid for 180 days from the last date of bid submission.	Bid Submission Form
18	Acceptance of RFP Conditions	The Bidder shall unconditionally accept all terms and conditions of the RFP, including SLA, warranty, support, and contractual obligations.	Signed Compliance Statement
19	Integrity Pact & Declaration	Submission of Integrity Pact, Non-Conflict of Interest Declaration, Litigation Declaration, and Non-Blacklisting Declaration.	Prescribed Formats
20	OEM Authorization	The Bidder shall submit Manufacturer Authorization Form (MAF) from all proposed OEMs with back-to-back support commitment.	Original MAF

B. Technical Eligibility

The bidder should have experience in one or more of the following areas:

(i) Artificial Intelligence (AI)

(ii) Machine Learning (ML)

(iii) Data Analytics

(iv) Cloud Computing

(v) Digital Transformation

(vi) Data Centre / HPC Infrastructure

(vii) AI Platform Implementation

(viii) Government Digital Projects

Preference may be given to bidders having experience in AI Centres of Excellence, innovation hubs, research laboratories, or large-scale Government technology projects.

C. Financial Eligibility

The Bidder shall demonstrate financial capability through:

(i) the Average Annual Turnover prescribed in Ref. No. 3 of the Bidder Qualification Criteria above; and

(ii) Audited Financial Statements for FY 2023-24, FY 2024-25 and FY 2025-26.

D. Applicability of Eligibility Criteria to a Consortium

Where the Bidder is a Consortium/JV constituted in accordance with Clause 2.2, the Eligibility Criteria shall be met as follows:

S.No.	Criterion	Lead Member	Other Member(s)	Consortium (Collective)
1	Legal Entity, Years of Operation, Statutory Compliance, Integrity Pact & Declarations	Shall be met individually	Shall be met individually	Each member individually
2	Average Annual Turnover (₹100 Crore)	Not less than 75% (₹75 Crore)	Not less than 25% (₹25 Crore) each	Not less than 100% (₹100 Crore)
3	Blacklisting / Debarment	Shall be met individually	Shall be met individually	Each member individually
4	AI Project Experience (3 Qualifying AI Projects)	Not less than 75% of the requirement, and the Government/PSU project shall be of the Lead Member	May contribute up to 25% of the requirement	100% of the requirement
5	ICT Infrastructure and System Integration Experience	Not less than 75% of the requirement	May contribute up to 25% of the requirement	100% of the requirement
6	Quality, Information Security, IT Service Management and Capability Certifications	Mandatory for the Lead Member	May supplement, but not substitute	Held by the Lead Member
7	Cloud Competency	May be met by the Lead Member	May be met by an Other Member	Met by any one member
8	AI Technical Team (minimum 10 professionals)	Not less than 51% of the proposed team	Balance of the proposed team	100% of the requirement
9	Local Support (Project Office in Manipur)	Responsibility of the Lead Member	Not applicable	Met by the Lead Member
10	Bid Security, Bid Validity, Acceptance of RFP Conditions, OEM Authorization	Submitted by the Lead Member on behalf of the Consortium	Not applicable	Met by the Lead Member

Where a criterion is expressed as a percentage, the qualifying credentials of the members shall be aggregated for the purpose of determining compliance, subject to the individual minimum prescribed

for the Lead Member and each Other Member. In all cases, the Lead Member shall execute not less than 51% of the core implementation responsibilities, and all members shall remain jointly and severally liable to DIT.

7.3 Evaluation Methodology

The evaluation shall be carried out using the Quality and Cost Based Selection (QCBS) methodology. The parameters, definitions, value thresholds and financial years used in the Technical Evaluation are aligned with the corresponding Eligibility Criteria specified in Clause 7.2, and marks under T1, T2 and T3 commence from the minimum requirement prescribed in Clause 7.2.

Stage 1 – Technical Evaluation

Where a Bidder satisfies the conditions of more than one slab under any criterion, marks shall be awarded for the highest slab so satisfied. All ranges specified below are to be read as stated, and marks shall be awarded only where the stated condition is fully met.

Ref. No.	Evaluation Criteria	Max. Marks	Evaluation Method / Documentary Evidence	Marks Criteria
T1	Organization Profile & Financial Strength	5	Company profile, annual reports and audited financial statements for FY 2023-24, FY 2024-25 and FY 2025-26. Average annual turnover shall be not less than ₹100 Crore, as prescribed in Clause 7.2 (Ref. No. 3).	(i) Average annual turnover of ₹100 Crore up to ₹200 Crore – 2 Marks (ii) Above ₹200 Crore up to ₹350 Crore – 3 Marks (iii) Above ₹350 Crore – 5 Marks
T2	Experience in AI/ML/GenAI/GPU Projects	5	Completed AI/ML/GenAI/Data Analytics/Digital Transformation/GPU-based server projects, each meeting the definition of a Qualifying AI Project in Clause 7.2 (Ref. No. 3 and Ref. No. 6), i.e., completed during the last five (5) years and of value not less than ₹8 Crore each. Work Orders and Completion Certificates are mandatory.	(i) 3 Qualifying AI Projects – 2 Marks (ii) 4 or more Qualifying AI Projects, including at least two (2) of value not less than ₹10 Crore each – 3 Marks (iii) 5 or more Qualifying AI Projects, including at least one (1) of value not less than ₹20 Crore – 5 Marks
T3	Experience in Government AI / Digital Transformation / ICT Projects	5	Central Government, State Government or PSU project references with completion certificates, for projects completed during the last five (5) years. Minimum one (1) such project is required under Clause 7.2 (Ref. No. 6).	(i) 1 project – 2 Marks (ii) 2 to 3 projects – 3 Marks (iii) 4 or more projects – 5 Marks
T4	Experience in AI Centre of Excellence / Innovation Lab / HPC / GPU Infrastructure	15	Purchase/Work Orders and client certificates for projects completed during the last five (5) years, each order being from a different Government Department, State Department or PSU organization.	(i) 2 orders – 5 Marks (ii) 3 orders – 7 Marks (iii) 4 orders – 10 Marks (iv) 5 or more orders – 15 Marks
T5	Proposed Technical Solution & Architecture	10	Technical proposal covering AI platform, infrastructure, scalability, interoperability, and security architecture	Up to 10 Marks

Ref. No.	Evaluation Criteria	Max. Marks	Evaluation Method / Documentary Evidence	Marks Criteria
T6	AI Platform, MLOps, LLMOps & GenAI Capabilities	10	Product literature, architecture diagrams, documentation, implementation methodology	Up to 10 Marks
T7	Cybersecurity & Data Governance Framework	5	Security architecture, compliance with Government standards, data governance approach	Up to 5 Marks
T8	Implementation Methodology & Project Management Approach	5	Project plan, implementation schedule, governance framework, risk management plan	Up to 5 Marks
T9	Project Team & Key Experts	5	CVs, certifications and experience of Project Manager, AI Architects, Data Scientists, Infrastructure Experts and Cybersecurity Experts	Up to 5 Marks
T10	Capacity Building, Knowledge Transfer & Sustainability Plan	5	Training methodology, certification programmes, O&M strategy, knowledge transfer plan	Up to 5 Marks
T11	Presentation / Demonstration / Proof of Concept (PoC)	30	Evaluation by the Technical Evaluation Committee based on predefined parameters. Marks shall be the average of the marks awarded by the members of the Committee.	Up to 30 Marks
	Total	**100**		

Only bidders achieving a minimum technical qualifying score of 70 out of 100 shall be considered for Financial Evaluation. The Technical Score (St) of a qualified Bidder shall be the marks obtained by it out of 100.

Stage 2 – Financial Evaluation

Financial Proposals of technically qualified bidders shall be opened and evaluated.

Financial Score (Sf) = (Lowest Financial Bid / Financial Bid of the Bidder under Consideration) × 100

The lowest evaluated financial proposal shall receive the maximum financial score, while other bids shall be scored proportionately.

Stage 3 – Final Evaluation

The final score shall be determined using the QCBS methodology.

Weightage

(i) Technical Score – 70%

(ii) Financial Score – 30%

Final Score = (Technical Score (St) × 0.70) + (Financial Score (Sf) × 0.30)

The bidder obtaining the highest combined score shall be considered for award of the contract, subject to approval by the Competent Authority.

Data, Privacy & Security

Government data shall remain owned by the Government/DIT. The bidder shall process data only for contracted purposes, implement appropriate security controls, report incidents within the prescribed timeline, and comply with applicable Indian data protection, cybersecurity and Government security requirements, including the Information Technology Act, 2000, the Digital Personal Data Protection Act, 2023 and the directions issued by CERT-In. These provisions shall be incorporated in, and shall be consistent with, the corresponding provisions of the Contract Agreement.

Intellectual Property

Pre-existing bidder/OEM IP remains with its owner. Project-specific custom developments paid for by the DIT shall be licensed to the Government with perpetual, royalty-free rights for government use, subject to declared third-party restrictions. Open-source components shall be disclosed in an SBOM/license register. These provisions shall be incorporated in, and shall be consistent with, the corresponding provisions of the Contract Agreement.

7.4 General Conditions of Contract (GCC)

The successful bidder shall comply with the following General Conditions:

(i) Scope of Services.

(ii) Roles and Responsibilities.

(iii) Project Governance.

(iv) Performance Security.

(v) Confidentiality.

(vi) Intellectual Property Rights (IPR).

(vii) Data Ownership.

(viii) Compliance with Applicable Laws.

(ix) Force Majeure.

(x) Change Management.

(xi) Audit and Inspection.

(xii) Termination.

(xiii) Exit Management.

(xiv) Dispute Resolution.

(xv) Governing Law.

The Contract Agreement to be executed with the successful Bidder (Annexure XII) shall incorporate and harmonise the provisions of this RFP relating to confidentiality (Clause 2.14), data privacy and security and intellectual property rights (Clause 7.3), performance security (Clause 2.13), service levels and service credits (Clauses 6.2 and 6.8), indemnity (Clause 7.10), limitation of liability (Clause 7.11), termination and exit management (Clause 7.12) and dispute resolution (Clause 7.13), so as to ensure clarity and enforceability. In the event of any inconsistency, the documents shall prevail in the following order: the Contract Agreement; this RFP, including corrigenda and clarifications; the Letter of Award; and the Bidder's Technical and Financial Proposals as accepted by DIT.

7.5 Special Conditions of Contract (SCC)

The following project-specific conditions shall apply:

(i) The AI-CoE shall be established at IT SEZ Campus, Mantripukhri, Imphal.

(ii) The successful bidder shall provide end-to-end implementation, including design, supply, installation, commissioning, testing, training, and O&M.

(iii) All deliverables shall comply with applicable Government of India and Government of Manipur standards.

(iv) AI solutions shall support interoperability with existing Government digital platforms, where applicable.

(v) The bidder shall implement appropriate cybersecurity, privacy, and data protection controls.

(vi) Knowledge transfer to the Department of Information Technology shall be mandatory before project completion.

7.6 Award of Contract

The Contract shall be awarded to the Bidder obtaining the highest combined score under the evaluation methodology prescribed in Clause 7.3 and fulfilling all mandatory requirements of this RFP, subject to approval by the Competent Authority. DIT reserves the right to negotiate with the highest-ranked Bidder, where permitted under applicable procurement rules.

On award, the successful Bidder shall:

(i) accept the Letter of Award (LoA) and return a signed duplicate copy within seven (7) days of its issue;

(ii) furnish the Performance Security in accordance with Clause 2.13;

(iii) execute the Contract Agreement within 15 days from the date of issue of the LoA, or such extended period as DIT may allow; and

(iv) commence the Project in accordance with the approved implementation schedule.

Failure to comply with any of the above may result in cancellation of the award, forfeiture of the EMD and award of the Contract to the next-ranked Bidder, in accordance with applicable procurement rules.

7.7 Standard Annexures

The bidder shall submit the following annexures along with the proposal:

(i) Annexure I – Letter of Proposal.

(ii) Annexure II – Bidder Information Form.

(iii) Annexure III – Power of Attorney.

(iv) Annexure IV – Consortium Agreement (if applicable).

(v) Annexure V – Technical Compliance Statement.

(vi) Annexure VI – Project Experience

(vii) Annexure VII – Financial Bid Format.

(viii) Annexure VIII – Bill of Materials (BoM).

(ix) Annexure IX – Integrity Pact / Declaration.

(x) Annexure X – Non-Blacklisting Declaration.

(xi) Annexure XI – Performance Security Format.

(xii) Annexure XII – Contract Agreement Format.

(xiii) Annexure XIII – Detailed BoM & Price Schedule.

(xiv) Annexure XIV – Bid Data Sheet.

(xv) Annexure XV – Exit Management & Transition Plan.

7.8 Bid Submission Checklist

The proposal shall include, at a minimum:

(i) Covering Letter.

(ii) Technical Proposal.

(iii) Financial Proposal.

(iv) Eligibility Documents.

(v) Statutory Registrations.

(vi) Financial Statements.

(vii) Project Experience Certificates.

(viii) Team CVs.

(ix) Signed RFP Compliance Statement.

(x) Bid Security / EMD.

(xi) All required Annexures.

7.9 Technical Equivalence and OEM Authorization

Technical Equivalence

Any reference to a make, model, architecture or proprietary feature shall be treated as a minimum functional/performance benchmark. Equivalent or superior OEM-neutral solutions shall be accepted where measurable requirements are met and supported by documentary evidence.

OEM / Manufacturer Authorization

For critical OEM products/software proposed in the bid, the bidder shall submit manufacturer authorization confirming authorization to quote, supply, install, support and provide warranty. This requirement shall not be interpreted to mandate a specific make/model where the RFP permits equivalence.

7.10 Indemnity

The successful Bidder (and, in the case of a Consortium, all members jointly and severally) shall indemnify, defend and hold harmless DIT and the Government of Manipur, and their officers and employees, against all claims, losses, damages, costs and expenses (including reasonable legal expenses) arising out of:

(i) any breach of the Contract or of applicable law by the Bidder, its Consortium members, subcontractors or personnel;

(ii) any infringement or alleged infringement of any intellectual property right in respect of the goods, software, platforms or services supplied under the Contract;

(iii) death of or injury to any person, or loss of or damage to any property, caused by the negligence or wilful misconduct of the Bidder, its Consortium members, subcontractors or personnel;

(iv) any breach of the confidentiality, data protection or data security obligations under Clauses 2.14 and 7.3; and

(v) any claim by an employee or subcontractor of the Bidder in respect of wages, statutory dues or benefits.

DIT shall notify the Bidder of any claim in respect of which indemnity is sought and shall provide reasonable assistance, at the Bidder's cost, in the conduct of the defence. The indemnity obligations shall survive the expiry or termination of the Contract.

7.11 Limitation of Liability

Subject to the exclusions below, the aggregate liability of the successful Bidder under or in connection with the Contract shall not exceed the total Contract Value, and neither party shall be liable to the other for any indirect, incidental or consequential loss, or for loss of profit or loss of business.

The limitation of liability shall not apply to:

(i) the indemnity obligations under Clause 7.10;

(ii) breach of confidentiality, data protection or data security obligations;

(iii) infringement of intellectual property rights;

(iv) fraud, gross negligence or wilful misconduct; and

(v) any liability that cannot be limited under applicable law.

Service credits levied under Clause 6.8 and liquidated damages, if any, shall not be treated as indirect or consequential loss, and shall be in addition to and not in derogation of DIT's other rights and remedies. Where the Bidder is a Consortium, all members shall be jointly and severally liable to DIT for the whole of the obligations and liabilities arising under the Contract, and the liability of the members inter se shall not affect their liability to DIT.

7.12 Termination and Exit Management

The Contract may be terminated as under:

(i) **Termination for Default:** Where the Bidder commits a material breach of the Contract, including persistent default under Clause 6.8, failure to achieve any milestone within the approved schedule, breach of confidentiality or data protection obligations, or failure to perform any other obligation, DIT shall issue a written notice requiring the Bidder to remedy the breach within 30 days. If the breach is not remedied within such period, DIT may terminate the Contract, in whole or in part, by written notice.

(ii) **Termination for Fraud or Corrupt Practice:** DIT may terminate the Contract with immediate effect by written notice if the Bidder is found to have engaged in any fraudulent, corrupt, collusive, coercive or obstructive practice in competing for or in executing the Contract.

(iii) **Termination for Insolvency:** DIT may terminate the Contract with immediate effect by written notice if the Bidder, or any Consortium member, becomes bankrupt or insolvent or goes into liquidation, otherwise than for the purpose of amalgamation or reconstruction.

(iv) **Termination for Convenience:** DIT may terminate the Contract, in whole or in part, for its convenience by giving 60 days' written notice. In such an event, DIT shall pay for the goods delivered and accepted and the services satisfactorily rendered up to the date of termination, and no other compensation shall be payable.

On termination for default, fraud or insolvency, DIT may invoke the Performance Security and may procure the balance goods and services at the risk and cost of the Bidder, without prejudice to its other rights and remedies.

Exit Management and Transition

On expiry or termination of the Contract for any reason, the Bidder shall implement the Exit Management and Transition Plan (Annexure XV), which shall include:

(i) handover of all assets, infrastructure, licences, configurations, credentials, source code (where applicable), data and documentation to DIT or its nominated agency;

(ii) transfer or assignment of all OEM warranties, subscriptions and support contracts in the name of DIT;

(iii) knowledge transfer and training of the personnel nominated by DIT;

(iv) continued provision of services, on the same terms and rates, for a transition period of up to 90 days or such longer period as DIT may require, not exceeding 180 days;

(v) secure deletion of Government data from the Bidder's systems after handover, with written certification; and

(vi) a joint exit certificate recording completion of transition, on which the Performance Security shall be released, subject to settlement of dues.

7.13 Dispute Resolution

Any dispute or difference arising out of or in connection with this RFP or the Contract shall be resolved as under:

(i) The parties shall first attempt to resolve the dispute amicably through mutual consultation between their senior representatives, within 30 days of a written notice of dispute by either party.

(ii) If the dispute is not resolved within the said period, it shall be referred to arbitration by a sole arbitrator appointed by mutual consent of the parties, failing which the arbitrator shall be appointed in accordance with the Arbitration and Conciliation Act, 1996, as amended. The arbitration shall be conducted in accordance with that Act.

(iii) The seat and venue of arbitration shall be Imphal, Manipur, and the language of the proceedings shall be English. The arbitral award shall be final and binding on the parties.

(iv) Each party shall bear its own costs of the arbitration, unless otherwise directed in the award.

(v) The Bidder shall continue to perform its obligations under the Contract during the pendency of any dispute or arbitration, and DIT shall continue to pay undisputed amounts due to the Bidder.

Subject to the above, the courts at Imphal, Manipur shall have exclusive jurisdiction in accordance with Clause 2.18.

7.14 Bid Data Sheet

The Bid Data Sheet below supplements the Instructions to Bidders. In the event of any conflict, the provisions of the Bid Data Sheet shall prevail.

Sl. No.	Particulars	Details
1	Name of the Purchaser	Department of Information Technology (DIT), Government of Manipur
2	RFP Reference No.	ITM/19/2025-DITC-DIT
3	Date of issue of RFP	
4	Name of the Project	Selection of Strategic Implementation Partner for Establishment, Operationalization and Long-Term Management of the Artificial Intelligence Centre of Excellence (AI-CoE) under the IndiaAI Mission
5	Project Location	IT SEZ Building No. 1, Mantripukhri, Imphal, Manipur
6	Method of Selection	Quality and Cost Based Selection (QCBS), Technical 70% : Financial 30% (Clause 7.3)
7	Minimum technical qualifying score	70 marks out of 100
8	Bid type	Open Competitive Bidding - Two-Bid System (Technical and Financial)
9	Language of the Bid	English
10	Currency of the Bid	Indian Rupees (INR)
11	Tender Fee	₹10,000/- (Rupees Ten Thousand only), non-refundable
12	Earnest Money Deposit (EMD)	₹10,00,000/- (Rupees Ten Lakh only)

Sl. No.	Particulars	Details
13	Mode of payment of Tender Fee and EMD	Online transfer to the account specified in Clause 2.9
14	Bid validity	180 days from the last date of bid submission (Clause 2.8)
15	Average Annual Turnover requirement	Not less than ₹100 Crore (FY 2023-24, FY 2024-25 and FY 2025-26), as per Clause 7.2 (Ref. No. 3)
16	Consortium / Joint Venture	Permitted, maximum three (3) members, as per Clauses 2.2 and 7.2(D)
17	Performance Security	5% of the Contract Value, as per Clause 2.13
18	Contract duration	24 weeks implementation and 36 months Operations & Maintenance (42 months in total)
19	Last date and time for submission of Bids	
20	Date and time of opening of Technical Bids	
21	Date, time and venue of Pre-Bid Meeting	
22	Address for submission of queries and communication	Director, Department of Information Technology, Government of Manipur, Imphal - 795001; Email: dit-mn@nic.in

8. Technical Specifications & Functional Requirements

The specifications set out below are minimum requirements. Any reference to a make, model, architecture or proprietary feature shall be read with the Technical Equivalence provisions of Clause 7.9. Bidders shall indicate compliance against each item and shall enclose OEM datasheets in support.

8.1 GPU Server

Sr. No.	Component	Specification	Compliance (Yes/No)
1	Form Factor	Maximum 6U rack mount server with Bezel, Bezel Locking Kit, Chassis Intrusion Detection Kit, Rail kit, and AC power cords.	
2	Processor	Minimum 2 x Latest 6th Generation or higher 2.1GHz, 64-core minimum, 300MB or higher L3 cache, 4 UPI or higher. 64-bit x86 processor fully binary compatible to 64/32-bit applications and supporting hyper-threading. Number of cores on a single die/socket will be treated as a single processor.	
3	Memory	1024 GB RDIMM, using 64GB or higher DDR5 modules in balanced configuration, scalable up to 2TB. Minimum 6400 MT/s. Advanced ECC to protect servers against single-bit errors as well as to protect against multi-bit memory errors within a single RAM chip as well as within a single memory module. Advanced Error correcting code (ECC), Fast Fault Tolerance or equivalent, Adaptive Double DRAM Device Correction (ADDDC)	
4	Storage Controller	Tri-mode SAS/SATA/NVMe RAID controller with minimum 8GB or higher cache, & RAID 1/5/6/10/50/60 support. Offered controller must support mix-and match up to 16 no's 12G SAS, 6G SATA, and 16G NVMe drives to the same controller	
5	Hard Disk Drive	2 X 960GB RI NVMe SED SSD	
6	Video Controller	Video modes up to 1920 x 1200@60Hz (32 bpp).	
7	GPU	4 x NVIDIA H200/141GB NVL GPU or higher accelerators in air-cooled system configuration.	
8	Network Ports	Minimum 2 x 2-port 1/10G(RJ-45) Ethernet, 2 x 2-port 100G (SR).	
9	OS & Hypervisor	Certified for latest version of Red Hat Enterprise Linux, SUSE Linux Enterprise Server, Ubuntu, Microsoft Windows Server, HPE, & VMWare.	
10	Hypervisor	Certified for latest version of Red Hat Enterprise Linux, SUSE Linux Enterprise Server, Ubuntu, Microsoft Windows Server, HPE, & VMWare.	
11	Power Supply	Fully populated Hot Plug Redundant power supplies.	
12	Fans/Blower	Fully populated redundant (N+1) hot-swap fans system.	
13	Other Interfaces	Minimum 1 x 1Gbps Dedicated OOB system management port (RJ-45), 1 x video port, 3 x exterior USB 3.0 ports.	
14	System Compliances	ACPI 6.3, PCIe 5.0, SMBIOS 3.2, UEFI 2.7, IPMI 2.0, AES/3DES, SNMP v3, TLS 1.2, RESTful API, ASHRAE A3/A4.	
		Continuous, proactive health monitoring as well as notification of actual or impending component failure alerts on key internal server components such as CPUs, memory, temperature, fans, RAID controllers, hard drives (including cache modules) and power supplies.	

15	System BIOS	System should boot with & run the BIOS from the same server hardware OEM (manufacturer). All updates should happen only using quoted OEM's access controller & management software to enforce security.	
16	System Management & Security	Silicon-based Hardware Root of Trust	
		FIPS 140-3, CNSA 2.0, TPM 2.0	
		UEFI SECURE BOOT or Cryptographically verified trusted booting meeting NIST SP 800 standards	
		Secure erase, SECURE RECOVERY or Continual runtime detection, alerting, and with ability to rollback/recover BIOS & firmware	
		Should help to proactively identify out-ofdate BIOS, drivers, and Server Management agents and enable the remote update of system software/firmware components. Should have dashboard for firmware baselines while performing minimum required firmware checks and highlighting out-ofcompliance devices for updates with the selected firmware baseline.	
17	System Management	System management software shall be from the same server hardware OEM and shall be with perpetual license.	
		System remote management should support browser based graphical remote console along with Virtual Power button, remote boot using any of USB/CD/DVD Drive. It should be capable of offering upgrade of software and patches from a remote client using Media/image/folder; It should support server power capping and historical reporting and should have support for multifactor authentication	
		Server should support monitoring and recording changes in the server hardware and system configuration. It assists in diagnosing problems and delivering rapid resolution when system failures occur	
		System management software shall be from the same server hardware OEM and shall be with perpetual license.	
18	Serviceability	System should support embedded remote support to transmit hardware events directly to OEM or an authorized partner for automated phone home support	
19	Certifications & benchmark	Relevant product datasheets, certification, benchmark or reference documents verifiable from publicly available data sources must be submitted along with bill of material for detailed bid evaluation. Links for certifications to be submitted.	
20	Warranty	Three years on-site comprehensive OEM Warranty Support with 24X7 coverage and access to OEM TAC/support. OEM shall have their own support portal to log the case online and historical data about cases must be available in the same portal.	
21	IDC Ranking	OEM should be ranked within top 3 as per IDC report for any one of the previous four quarter in India for server.	

8.2 AI Workstation

Sr. No.	Category	Specification Item	OEM-Agnostic Requirement	Compliance (Yes/No)
1	General System	Purpose Form Factor	High-performance workstation for professional use (CAD/CAM, content creation, data analysis, software dev, light simulation) with standard Monitor and Windows OS, Keyboard and Mouse Professional Tower or Small Form Factor (SFF) Workstation	
2	Processor (CPU)	Model Cores / Threads Base Clock (P-cores) Max Turbo Frequency Intel Smart Cache Processor Base Power (TDP) Integrated Graphics	Intel Core i9 or similar on benchmark test GPU Workstations: ≥24 Cores; Standard Workstations: ≥12 Cores Minimum 2.0 GHz Up to 5.6 GHz or higher 36 MB or higher 65W, with dynamic Max Turbo Power support Intel UHD Graphics 770 (or equivalent integrated graphics) for Non-GPU Workstations	
3	System Memory (RAM)	Total Installed Capacity Configuration Speed Type	Standard Workstations: ≥32GB ≥2 DDR5 UDIMM Supported Minimum DDR5-5600 MHz Non-ECC	
4	Storage	Primary Drive Type Primary Drive Capacity Primary Drive Interface Primary Drive Performance Storage Expansion Slots Storage Expansion Bays	NVMe (Non-Volatile Memory Express) SSD GPU Workstations: ≥1TB; Standard Workstations: ≥512 GB PCIe Gen4 x4 (or Gen5 x4) Min. 5000 MB/s Sequential Read, Min. 4000 MB/s Sequential Write Min. 1 additional M.2 NVMe slot (PCIe Gen4 or higher) Min. 1 x 3.5-inch or 2.5-inch SATA drive bay	
5	Operating System	Version	Microsoft Windows 11 Enterprise (64-bit) or Microsoft Windows 11 Pro (64-bit)	
6	Network Connectivity	Wired Ethernet Wireless Connectivity	Integrated 10/100/1000 Mbps Gigabit Ethernet (RJ-45) Wi-Fi 6E (802.11ax) with Bluetooth 5.2 or newer (Recommended)	
7	Audio	Integrated Audio	High-Definition Audio	
8	I/O Ports	Front Ports Rear Ports	Min. 2 x USB 3.2 Gen 1/2 Type-A, 1 x USB 3.2 Gen 2 Type-C, Audio Combo Jack Min. 4 x USB 3.2 Gen 1 Type-A, 2 x USB 2.0 Type-A, 1 x RJ-45 Ethernet, Audio Line-in/Line-out	
9	Power Supply	Type Wattage	Internal, Auto-sensing Sufficient wattage to power all components at full load, including future expansion	

10	Security Features	Trusted Platform Module Secure Boot Chassis Intrusion Physical Security BIOS/UEFI Security	TPM 2.0 (Discrete TPM preferred) UEFI Secure Boot enabled by default Chassis Intrusion Switch Kensington Lock Slot BIOS/UEFI Password Protection	
11	Management Features	Remote Management	Standard desktop manageability features	
12	Peripherals	Keyboard Mouse	Full-size USB Keyboard USB Optical Mouse	
13	Warranty & Support	Duration	3 years Support	
14	Environmental & Physical	Operating Conditions Acoustics	Operating Temperature: 10°C to 35°C, Humidity: 20% to 80% non-condensing Optimized for quiet operation in an office environment	

8.3 Firewall

Sr. No.	Specification	Compliance (Yes/No)
1	The appliance-based security platform should provide firewall, Application Control, Antimalware, Antivirus, Web Filtering, DNS Security and IPS functionality in a single appliance from day one.	
2	The appliance should support at least 4x 10 GE SFP+, 16x GE RJ45, 8x GE SFP Ports along with dual Power Supply from day one, and also have provision of dedicated management and HA with 2x RJ45 HA and Management Ports.	
3	The appliance hardware should be a multicore CPU architecture with a hardened 64-bit operating system.	
4	Proposed Firewall can be ASIC based in nature / open architecture based on multi-core CPU to protect and scale against dynamic latest security threats.	
5	Firewall shall support Transparent and NAT/Route modes concurrently using Virtual Contexts. Minimum 10 Virtual Firewall licenses required from Day 1.	
6	Firewall shall support a minimum of 6 Gbps application control throughput/firewall throughput in real-world environment including AVC (Application Visibility Control) and logging.	
7	Firewall shall deliver minimum 3 Gbps NGFW Threat Prevention throughput with all features enabled (Application, NGIPS, AV, AM, logging).	
8	Architecture shall separate Control Plane (management) and Data Plane (security and network processing). This separation can be physical or logical.	
9	Firewall must be a single appliance.	
10	Firewall shall support at least 2.5 million concurrent sessions.	
11	Firewall shall support at least 1,00,000 connections per second.	
12	Firewall shall support 30 Gbps IPSec VPN throughput or higher.	
13	Appliance must include TPM chip to protect cryptographic keys and passwords from tampering or phishing.	
14	Firewall shall support access-rules based on IPv4/IPv6, user/groups, application, geolocation, URL, zones, VLAN, etc.	
15	Support for manual and auto NAT, Static NAT, Dynamic NAT, Dynamic PAT.	
16	Support for NAT64, NAT66, and DHCPv6 from day one.	
17	Support Static, OSPF, OSPFv3, and BGP routing protocols.	
18	Support multicast protocols including IGMP and PIM.	
19	Detect, log, and take action against network traffic using over 7,000 application signatures.	
20	Application signatures must be manually and automatically updatable.	
21	Administrator shall define application control policies by application group or list.	
22	System must provide automatic inspection for traffic using non-standard ports.	
23	IPS module must support 20,000+ signatures and import Snort/Suricata format.	
24	Provide IP reputation feeds with regularly updated global databases.	
25	Support integration of third-party and custom IP reputation feeds, including global blacklist.	

Sr. No.	Specification	Compliance (Yes/No)
26	Support DNS-based threat intelligence feeds.	
27	OEM must operate its own global Threat Intelligence and Analysis Center.	
28	Detection engine should identify reconnaissance, buffer overflow, VoIP, and P2P attacks.	
29	The solution should support inline CASB capabilities to inspect and extract control factors from JSON payloads exchanged with custom SaaS applications, enabling visibility beyond URL-based parameters.	
30	It should allow policy enforcement (allow, monitor, block) based on extracted JSON attributes using advanced filtering techniques, ensuring granular control over SaaS application usage.	
31	Support geo-location-based threat detection and blocking. Ability to sanitize Microsoft Office documents and PDF files by stripping harmful active content (hyperlinks, embedded media, JavaScript, macros) while preserving textual content integrity.	
32	Engine must detect variants of known and unknown threats (zero-day).	
33	Provide SD-WAN features with path measurement (jitter, latency, packet loss).	
34	Support URL-based threat intelligence feeds.	
35	Support WAN load balancing algorithms – volume, session, IP-based, spillover.	
36	The solution should support application control for generative AI applications, enabling identification, categorization, and monitoring of AI-driven traffic (e.g., AI tools and services) within network policies.	
37	It should provide enhanced visibility through detailed logging of AI activities (such as user, model, use case, and prompts) and enable policy-based control to manage and secure usage of generative AI applications.	
38	Provide AV and file blocking per-policy or user group for HTTP, SMTP, POP3, IMAP, FTP, etc.	
39	Integrated web content filtering solution without external devices/modules.	
40	Query real-time URL database with 110M+ websites categorized in 70+ categories.	
41	The solution should support SSL deep inspection with TLS 1.3 and mandatory hybrid post-quantum cryptography (PQC) key exchange in flow mode, enabling secure inspection of encrypted traffic while maintaining compatibility with PQC-enabled servers and modern clients.	
42	It should ensure seamless inspection of traffic using advanced hybrid PQC algorithms (ML-KEM based key exchange), providing future-ready cryptographic resilience without impacting user connectivity or performance.	
43	Allow web filtering per policy or per user for HTTP and HTTPS traffic.	
44	Include blocking of web plug-ins (ActiveX, Java, Cookies), URL blocking, and exempt lists.	
45	Firewall must support post-quantum cryptography algorithms such as ML-KEM, BIKE, HQC, Frodo.	
46	The proposed firewall shall support hybrid cryptography by enabling the concurrent use of symmetric, asymmetric, and lattice-based cryptographic algorithms within a single mandatory IPsec tunnel.	
47	The firewall should have SSL inspection on HTTP/2 traffic that is secured by TLS 1.3 (mandatory).	

Sr. No.	Specification	Compliance (Yes/No)
48	The proposed firewall shall support post-quantum TLS algorithms for HTTPS management access, including hybrid key exchange and PQC certificates for quantum-resistant administrative security.	
49	The firewall must support IPv6 wildcard addressing to define address ranges and enable scalable policy enforcement across large IPv6 networks.	
50	The firewall must support AI/ML-based intrusion detection capable of identifying unknown and zero-day threats using behavioral and protocol-based traffic analysis in addition to traditional signature-based IPS.	
51	The firewall must support dynamic URL risk scoring using threat intelligence, enabling policy enforcement actions based on configurable risk levels of web destinations.	
52	Integrated traffic shaping and bandwidth management functionality.	
53	The solution should support Dynamic Forward Error Correction (FEC) for packet loss compensation on the overlay. The Error Correction packet size should support adaptive FEC or automatically and progressively increase with increase in packet loss, so that the bandwidth is conserved when there is less or no packet loss. It should have the capability of being selectively applied to a particular traffic.	
54	The solution should support end-to-end IPv6 on both LAN, WAN and on the overlay.	
55	Support Active/Active and Active/Standby failover modes.	
56	Support EtherChannel or equivalent for redundancy and failover control.	
57	Support redundant interfaces to ensure link-level redundancy.	
58	Support IEEE 802.3ad link aggregation for bandwidth increase and redundancy.	
59	Support automatic traffic redirection from failed links to healthy ones.	
60	The OEM shall not be under any declaration of blacklisting, debarment or banning by any Government body, which is in force as on the last date of bid submission.	
61	OEM must have a local representative presence in India.	
62	All throughput must be achieved from a single appliance. Clustering/stacking (N+1) not accepted.	
63	The proposed security platform shall have valid Common Criteria certification at an appropriate assurance level, where applicable to the proposed product/version/configuration. Equivalent nationally/internationally recognized security certification may be accepted subject to documentary evidence and approval by DIT.	

8.4 AI Switch

Sr. No.	Category	Minimum Technical Specification	Compliance (Yes/No)
1	General Features	(i) The switch must be a physical device with form factor not exceeding 1RU. (ii) The switch should be a Gigabit Layer 2 and Layer 3 switch with console, OOBM ports, USB ports along with all accessories. (iii) Switch should have hot swappable redundant Power Supply and fan tray from day 1. The switch should not have any single point of failure like power supplies and fans etc., and should have 1:1/N+1 inbuilt level of redundancy. (iv) Switch should support different logical interface types like loopback, VLAN, SVI/RVI, Port Channel, multichassis port channel/LAG etc. (v) Switch should have non-blocking throughput from day 1. (vi) Software upgrades and updates shall be included as part of the warranty. (vii) Operating temperature of 0°C to 40°C and 5% to 90% Operating Relative Humidity. (viii) All mentioned features should be available from day 1. Any license required is to be factored from day 1.	
2	Performance	(i) Should have 16GB DRAM, and 64 GB SSD/Flash memory. (ii) The switch shall have up to 4 Tbps switching capacity. (iii) IPv4 unicast route entries support: 64K or more. (iv) IPv6 unicast route entries support: 32K or more. (v) IPv4 and IPv6 Multicast Routes: 8K or more. (vi) MAC addresses support: 64K or more. (vii) VLAN IDs: 4K or more and 3900 VLANs simultaneously. (viii) ACL/QoS entry support: 1K or more. (ix) Packet buffer: 32 MB or more. (x) ECMP path: Supported (xi) The switch should be IPv6 Certified (IPv6 Logo ready or USGv6). (xii) Should support the ability to configure backup of the previous configuration automatically.	
3	Functionality	(i) The switch must support Virtual Switching System (VSS) or Virtual Chassis (VC), MLAG or equivalent switch clustering feature. (ii) Switch should support IEEE Standards of Ethernet: IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.3x, 802.1p, 802.1Q, 802.3ab, 802.3z, 802.1Qbb, and SNTP/NTP. (iii) Switch should have EVPN, BGP, BGP4, VRF, OSPFv2 and v3, Policy-Based Routing (PBR), PIM-SM, PIM-DM, PIM-SSM and Virtual Router Redundancy Protocol (VRRP) from Day 1. (iv) The switch must support IEEE 802.1Qaz DCBX, 802.1Qbb PFC and Explicit Congestion Notification (ECN). (v) Switch should support Network Virtualisation using Virtual Overlay Network using VXLAN/NVGRE. (vi) Switch should support VXLAN and EVPN for supporting Spine-Leaf architecture to optimise the east-west traffic flow inside the data centre.	

Sr. No.	Category	Minimum Technical Specification	Compliance (Yes/No)
		(vii) The switch must support Storm control and Control Plane protection DDoS Protection. (viii) The switch should support IEEE 802.3ad LACP and port trunking. (ix) The switch should support IEEE 802.1s MSTP, IEEE 802.1D STP and IEEE 802.1w RSTP for faster convergence. (x) The switch should support STP, Trunking and 802.1p classification and marking of packet CoS, DSCP etc. (xi) Switch should support different types of QoS features for real-time traffic differential treatment using WRED/SP Queuing. (xii) Switch should support flow control of Ethernet ports as per IEEE 802.3x. (xiii) The switch should support SNMPv1, v2 and v3, SSL, SSHv2, Telnet, ping, traceroute. (xiv) The switch must support integration with Syslog and SIEM tools. (xv) The switch should support RADIUS/TACACS+, Dynamic ARP protection or equivalent, Port Security, STP route guard, BPDU guard. (xvi) OS should have support for management automation via REST API/Ansible/Chef/Puppet/Python/YANG/Netconf or equivalent. (xvii) Should support sFlow and port mirroring. (xviii) The switch should have a modular operating system with micro-services or equivalent architecture providing superior fault tolerance and high availability.	
4	Interface Requirement	(i) The switch must have at least 48 SFP28 based ports which must support 1G, 10G and 25G OFC based ports for both Single-Mode and Multi-Mode. (ii) The switch must have at least 8 QSFP28 based ports which must support 40G and 100G OFC based ports for both Single-Mode and Multi-Mode. (iii) All the Transceivers/Modules for the switch must be from the same OEM and populated as per requirement and solution.	
5	Regulatory Compliance	(i) Switch shall conform to UL 60950 or IEC 60950 or CSA 60950 or EN 60950 or equivalent Indian Standard like IS-13252:2010 or better for Safety requirements of Information Technology Equipment. (ii) Switch shall conform to EN 55022/55032 Class A/B or CISPR22 Class A/B or CE Class A/B or FCC Class A/B or equivalent Indian Standard like IS 6873 (Part 7): 2012 or better for EMC requirements	
6	OEM Qualification, Warranty and Support	(i) The switch shall be offered with minimum 3 years hardware warranty with NBD shipment and software updates/upgrades from OEM directly. (ii) Switch or switch's operating system on a different hardware platform should be tested for EAL 2/NDPP or above under Common Criteria Certification.	

8.5 Access Switch

Sr. No.	Category	Minimum Technical Specification	Compliance (Yes/No)
1	General Features	(i) Switch should be 1RU 19" rack mountable Data Center Ready Gigabit Layer 2 and Layer 3 switch with console, OOBM ports, USB ports along with all accessories. (ii) Switch should support hot-swappable dual redundant Power Supply and fan tray. (iii) Switch should have non-blocking throughput from day 1. (iv) Should support Energy Efficient Ethernet. (v) Should support BGP, EVPN, VXLAN, VRF, and OSPF including standards-based microsegmentation. (vi) Software upgrades and updates shall be included as part of the warranty. (vii) Operating temperature of 0°C to 45°C and 5% to 90% Operating Relative Humidity. (viii) All mentioned features should be available from day 1. Any license required is to be factored from day 1.	
2	Performance	(i) Should have 8 GB DRAM and 16 GB Flash/Storage memory. (ii) The switch shall have up to 448 Gbps switching capacity. (iii) The switch should have 300 Mpps forwarding rates. (iv) IPv4 routing entry support: 32K or more. (v) IPv6 routing entry support: 32K or more. (vi) 8K IPv4 and 8K IPv6 multicast routes. (vii) MAC addresses support: 32K or more. (viii) VLAN IDs: 4K or more and 1K VLANs simultaneously. (ix) Port based ACL support: 2K or more. (x) The device should be IPv6 ready from day one. (xi) Should support the ability to configure backup of the previous configuration automatically. (xii) Shall have minimum 8MB packet buffer and a max of 5 usec latency.	
3	Functionality	(i) The switch should support up to 200 Gbps stacking bandwidth and support up to 8 switches per stack. (ii) The switch should support long distance across the rack and floor switch stacking. (iii) Switch should support IEEE Standards of Ethernet: IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.3x, 802.1p, 802.1Q, 802.3, 802.3u, 802.3ab, 802.3z, and SNTP/NTP. (iv) The switch should support IEEE 802.3ad LACP and port trunking. (v) The switch should support IEEE 802.1D STP, IEEE 802.1s MSTP, IEEE 802.1w RSTP for faster convergence, IEEE 802.1AB LLDP and LLDP-MED with VoIP integration. (vi) The switch should support STP, Trunking, Weighted Deficit Round-Robin (WDRR) scheduling. (vii) The switch should support static routing for IPv4 and IPv6. (viii) The switch should support IGMPv1, IGMPv2, IGMPv3, OSPFv2 and v3, and VRRP from Day 1, and must support PIM-SM, PIM-DM, PIM-SSM, VXLAN, EVPN, BGP, for IPv4 and IPv6 in future. (ix) Switch shall support rollback to the previous successful configuration. (x) The switch should support management using CLI and GUI using a web interface. (xiii) The switch should support SNMPv1, v2 and v3, SSHv2, Telnet, ping, traceroute, FTP/TFTP for upgrading the operating	

		system. (xi) Should support IP Source Guard, DAI and IPv6 security features like IPv6 RA Guard and IPv6 Neighbor Discovery Inspection. (xii) The switch should support IEEE 802.1X, port-based authentication and MAC-based authentication. (xiii) Switch should support Port-based ACL (PACL), VLANbased ACL (VACL) and Router-based ACL (RACL). (xvi) The switch should support IP source guard and IGMP snooping. (xv) The switch should support RADIUS/TACACS+, Dynamic ARP inspection, Port Security, STP route guard, BPDU guard. (xvi) Should support sFlow/jFlow/NetFlow, port mirroring or equivalent technology.	
4	Interface Requirement	(i) 24 nos. of 10/100/1000 Base-T RJ-45 access ports. (ii) 4 nos. of 50G QSFP56 uplink ports. Cables/Transceivers shall be populated as per the design. (iii) Cables/Transceivers shall be populated as per the design.	
5	Regulatory Compliance	(i) Switch shall conform to UL 60950 or IEC 60950 or CSA 60950 or EN 60950 or equivalent Indian Standard like IS-13252:2010 or better for Safety requirements of Information Technology Equipment. (ii) Switch shall conform to EN 55022/55032 Class A/B or CISPR22 Class A/B or CE Class A/B or FCC Class A/B or equivalent Indian Standard like IS 6873 (Part 7): 2012 or better for EMC requirements.	
6	OEM Qualification, Warranty and Support	(i) The switch shall be offered with minimum 3 years hardware warranty with NBD shipment and software updates/upgrades from OEM directly. (ii) Switch or switch's operating system on a different hardware platform should be tested for EAL-2/NDPP/NDcPP certified under Common Criteria.	

8.6 Interactive Display with Camera

Sl. No.	Parameter	Specification	Compliance (Yes/No)
1	Display Size	75-inch Interactive Flat Panel Display (IFPD)	
2	Display Technology	DLED/LCD with Anti-Glare, Anti-Reflection, Toughened Glass	
3	Resolution	Ultra HD (3840 × 2160), 4K	
4	Brightness	Minimum 400 nits	
5	Contrast Ratio	Minimum 5000:1 (Typical)	
6	Viewing Angle	178° (Horizontal/Vertical)	
7	Color Depth	Minimum 1.07 Billion Colors (10-bit)	
8	Refresh Rate	Minimum 60 Hz	
9	Touch Technology	Infrared (IR), Capacitive, or Equivalent Multi-Touch Technology	
10	Touch Points	Minimum 40 simultaneous touch points	
11	Writing Accuracy	±1.5 mm or better	
12	Response Time	≤8 ms	
13	Writing Tools	Finger, Passive Stylus, Active Stylus support	
14	Surface Hardness	Minimum 7H Tempered Glass	
15	Glass Protection	Anti-Glare, Anti-Fingerprint, Shatter Resistant	
16	Operating System	Android 13 or later (Embedded)	
17	RAM	Minimum 8 GB	
18	Internal Storage	Minimum 128 GB	
19	CPU	Octa-Core Processor or Better	
20	GPU	Integrated Graphics Processor supporting 4K UHD	
21	OPS Slot	Intel OPS Slot (80-pin) supporting Windows OPS PC	
22	Wireless Connectivity	Dual Band Wi-Fi (2.4/5 GHz) and Bluetooth 5.0 or later	
23	LAN	10/100 Mbps Ethernet Port	
24	HDMI Input	Minimum 3 HDMI Inputs	
25	HDMI Output	Minimum 1 HDMI Output	
26	USB Ports	Minimum 5 USB Ports (USB 3.0/USB-C combination)	
27	USB-C	Minimum 1 USB-C supporting Display, Data, Touch and Charging	
28	DisplayPort	Minimum 1 DisplayPort Input (optional if USB-C supports DP Alt Mode)	
29	Audio Output	3.5 mm Audio Out and Optical/SPDIF (Preferred)	
30	Built-in Speakers	Minimum 2 × 18 W or better	
31	Screen Sharing	Wireless Screen Sharing from Windows, Android, macOS, iOS and Chrome OS	
32	Whiteboard	Built-in Interactive Whiteboard Application	
33	Annotation	Annotation over any input source	

34	File Support	PDF, PPT, DOC, XLS, JPG, PNG, MP4, AVI and common office formats	
35	Split Screen	Minimum 4-way Split Screen	
36	Cloud Integration	Support for OneDrive, Google Drive or equivalent cloud storage	
37	Remote Management	Centralized Device Management Software with Firmware Upgrade capability	
38	OTA Updates	Over-the-Air Firmware Upgrade Support	
39	Security	Screen Lock/User Authentication/Secure Boot/TPM	

8.7 Smart Rack with 30KVA Load

Sr. No.	Module / Feature	Description
1	General Requirements	Rack should be completely Insulated and self-contained
		Rack design should enable shipping of the rack in (CKD) completely Knock Down condition. Typically, the structure should comprise of extra deep front and rear frames in a welded multi-fold format fastened together with 3 pairs of depth channels to ensure prefect sqaure construction
		Rack shall have 100% assured compatibility with all equipment's conforming to DIN 41494 (General Industrial Standard for equipment's) or Equivalent EIA /ISO / EN Standard.
2	Material and Construction	Made out of quality CRCA material of various thicknesses, also offers highly rigid and stable structure for loading per rack up to 1350 KG (All load bearing members being made from 1.5mm & 2.0 mm CRCA Steel with added strength by way of multi- fold design)
		The rack should comply minimum of IP 54 rating for protection against touch, ingress of foreign bodies and ingress of water.
		Surface Finish: Nano Ceramic Coated , powder coated with textured polyester Black RAL 9005 to 60 to 80 microns.
3	Physical Specifications of Basic Rack with Accessories	2 NOS OF 42U x 800 mm W x 1400 mm D Rack, Broad Front and Rear Multi-folded Frames offer required level of stability and square-ness to the structure. This design ensure maximized width utilization for managing power distribution and vertical cable management.
		Front Transparent Toughened Glass Door with 3 Point Digital Swing Handle Multi-Point Lock & Key
		Rear Plain Door with Swing Handle Multi-Point Lock and Key.
		Every door can open **180 degrees** – a much needed feature for the ease of servicing the rack after installation and / or mounting / removing the equipment's. Rear door can be offered in split design also. Top cover consist of Fire Retardant Brushes and Fire retardant ABS plastic / MS frame for cable and fiber entry to rack from fiber runner and copper cable pathway system. This consists of Brush with 2 line of brush system UL Certified Fire Retardant Brushes and Fire retardant ABS plastic / MS frame.
		Side panels with locks is also provided for making the rack completely secured with proper PU gasket to eliminate air loss and integrated with frame in such a way that Side Panel should be Opened from Inside only.
		Full height 100mm reducing channels at all 4 mounting rails offer convenience for cabling along with sturdy format for appropriate load distribution.
		The Rack shall have 4No's adjustable, 19" verticals with punched 10mm square hole and Universal 12.7mm-15.875mm-15.875mm alternating hole pattern offers greater mounting flexibility, with Unique U identification notch and U numbering should be provided on the 19" mounting rails such that these unique numbers are visible after mounting of the equipment also.
		Vertical mounting Rails shuold be fastened to the depth members such that the loading is directly and uniformly passed to the basic rack frame.
		Keyboard Sliding Tray or Rotary (1 No. Per Rack)
		Shelf for CRT/TFT Display (1 No. Per Rack)
		Heavy Duty Fixed Shelf for 727mm Depth (1 No. Per Rack)
		1U Horizontal Cable Manager with Cable Loops (1 No. Per Rack)
		Vertical Cable Manager of 75mm Wide for quality cable dressing or cable ties (2 Nos. Per Rack)
		1U Tool-less Blanking Panels ABS Plastic of 70% (30 Nos. per Rack).

		Tool free 1U Blanking Panel made of fire retardant material.
		Insulation Kit
		Air-Sealing Kit
		Base Plinth of 100mm also has much more detailed openings available for appropriate cable entry. This includes a mix of pre-punched holes for using cable glands along with the conduits options of line Brush Strip Cable Entry or Sealed Cable Entry Box. This facilitates easy entry and routing of the cables in to the rack.
		Earthing Kit: All cabinet components (doors, side panels, top panels, 19" rails, pdu brackets) shall be grounded directly to the frame using Dual Copper plated earth stud of suitable rating on main Metal parts for better electrical continuity.
4	Rack Based Power Distribution Unit (rPDU):	Vertical Zero U Based PDU of 3 phase, 32 Amps, IEC C13 x 24 Sockets, IEC C19 x 6 Sockets and Indian Type 3 Pin, 32Amps MCB, 16 Amps x 6 Sockets with 6 Sq.mm x 3 Core or higher and 32 Amps Industrial Plug top with Male Sockets per PDU - 2 Nos. 32 Amp to ensure fast & reliable connection of UPS O/P power.
5	Cooling Systems: (N+N) SOLUTION	The solutions should be **DX type 30KW Cooling System** Split Type Unit with Rack Side Mounted IDU and External ODU
		Indoor Cooling Unit should not consume any usable U Space and Rack Side Mount Type should not consume more than 300mm Space
6	Indoor Cooling Unit:	Each Cooling unit will have capacity of 20 KW. The unit shall be configured to provide air flow/pattern to provide uniform airflow over the entire height of the rack. EC fan /variable speed should be used for maximum efficiency and minimum power cost. A Rotary with BLDC Motor compressor, which permits staples adaptation of the output in partial-load operation. The system will remain in operation in case fan replacement is required. Cooling system will come with monitoring and control panel. **N+N Topology**
7	Outdoor Cooling Unit:	Copper piping with insulation tube of elastomeric, nitrile foam between each sets of outdoor & indoor unit. Piping to be properly supported by MS clamp. All transmission wiring between indoor to outdoor units should be kept in PVC conduit. The distance between indoor and outdoor unit is considered as 15-20 meters.
		It should not exceed the Indoor Cooling Unit Dimension(mm): 300 Width x 1400 Depth x 2070 Height and Outdoor Cooling Unit Dimension(mm) : 1050 Width x 445 Depth x 900 Height
8	Access Control Lock	• **Main Features:** • Premium Biometric System with sleek design & Touch screen display (2.4") • Rugged Fingerprint optical sensor with 19K templates • Touchscreen display for configuration of device • Third party HR software compatible device • Compatible to all types of cards • IP65 rated robust enclosure • Wi-Fi, GPRS enabled • Operation Modes: Finger + Card + Pin • CPU: 32 Bit RISC ARM Processor • CE certified
9	Remote Monitoring Unit (RMU)	**Main Features:** • 1U size device fits easily into 19'' Rack which make installation easy. • TCP/IP based System, helps to monitor system from remote location. • Dedicated channels for Temperature + Humidity Sensors • Water Leak & Smoke Detection • SNMP traps enabled for critical alarms like temperature high, water leak, fire etc. • Alert based SMS/Email configuration in desktop-based software. • Communication Protocol: TCP/IP, RS485 • Dedicated software for various types of reports, graphs & critical event notifications.
10	Fire Detection and	Delivery of an active extinguishing system that detects and extinguishes fires in closed server and network cabinets.

	Suppression System	The extinguishing process shall not be electrically conducting and shall be fast and residue free.
		It shall be rack mountable device that shall have high sensitivity smoke detection. It shall have a built- in NOVEC 1230 suppression system sufficient for 1 rack with integrated fire panel, actuator, discharge nozzle and complete piping with necessary accessories.
		Fire Detection & Suppression System shall not consume any U of rack space.
		This device shall be monitored using potential free contacts.
		The Fire Detection system shall be having two zones for advance Detection.
11	Detailed Technical Specifications	NOVEC 1230 Gas based Suppression
		CE Approved Clean agent cylinder, 2 kg capacity complete with all necessary fittings, connected with Direct Low
		Pressure Valve with UL Approved gas
		Pressure Switch
		UL Approved flexible polyethylene detection tube activating Mtr 16
		Extinguishing Agent Cylinder bracket
		Battery Operated Sounder & Flasher
12	Rodent Repellent System	Ultrasonice Rodent Repellers are electronic transmitters of high frequency sound (well above the 20 KHz frequency which is the upper limit of the hearing range of the human ear). They emit intensive sound at high decibel levels (sound pressure) that is audible and painful to rodents but is inaudible and harmless to humans. The rodents will usually leave the area being protected by the ultrasound. They do not get killed.
13	IP CCTV Camera	Supply & Installation of 1 no. of Fixed Dome type Network Camera , 2MP, 30 fps @ 1920x1080, should be capable of Night Visibility, Built-in IR Illuminators, Effective up to 30 Meters, Smart MoYon Detection to reduce false alarm, Weather-proof IP66 / Indoor application and Vandal-proof IK10-rated Protection.
14	UPS & Batteries (N+N Topology)	Capacity (in kVA / kW): 40kVA 3-Phase Input / 3-Phase Output
		Technology and Capability a) True **Online** configuration with **double conversion** UPS & Zero transfer time. b) DSP based control with advanced technology. c) Wide **Input voltage range** from (80 ~ 280VAC) d) Auto **restart & capability** with the **Independent** battery bank operation of the UPS. e) UPS should be designed at **Rated PF of 0.9 i.e. 10kVA** UPS rating. f) **Generator compatibility** with **cold start** and **AC star**t features. g) Automatic bypass to transfer the load on mains due to overload & internal fault. h) ECO mode should be available in the UPS.
	Battery Backup / Battery Bank & Charger	Backup Required: 30 minute or more
		Batteries Type: Sealed Maintenance Free (SMF) - 12V Cells,VRLA,GEL
		Battery Makes: Amara Raja / Exide / HBL / Amco / Rocket
		Minimum Charger Rating (Including internal / external): The charger should be able to deliver charging current equivilanet to 10% of Battery Ah rating offered.(In case of external chergers, suitable monitoring of the chargers should be provided in the UPS. Also all external chargers taking AC input must have PFC - Power factor correction)
		Charger type / Charging Method & Charging Voltages: **Constant Voltage Constant Current** Solid state **SMPS** charger
		Battery Housing (Vendor to provide the GA drawings of the offered Battery Rack): Should be compact and space saving **MS steel open racks** complete with interconnectors
15	Certifications, Environmental and Safety Requirements	Racks shall be manufactured by ISO 9001:2015, ISO 14001:2004, ISO 27000:2013 and ISO 45001: 2018 Certified company and shall have proper EHS Policy.
		Manufacturer shall certify that the products are RoHS Compliance.
		Manufacturer shall certify that the product is having 1350 Kgs of Load Bearing Capacity by UL Certificate
		Manufacturer shall certify that the products are Comply DIN 41494 and Equivalent EIA/ISO/EN /CEA Standard.
		The rack shall comply minimum of IP 54 rating for protection against touch, ingress of foreign bodies.

		The enclosure shall both protect the user from mechanical hazards and generally meet the requirements for a mechanical enclosure (stability, mechanical strength, aperture sizes, etc.) as defined in IEC 60950 Third Edition.
16	Delivery & Installation	The unit shall be shipped with all required accessories from the manufacturer and fully assembled from factory or on-site.
		The manufacturer shall offer a delivery shipping option, which includes delivery to the inside of the building and removal and disposal of shipping material and packaging.
17	Warranty and Support	The Products manufactured shall provide warranty for 5 years from Date of Supply, Installation, Testing and Commissioning (SITC). The warranty does not cover wrong Usage or miss-handling of the products.
		Electrical items such as Sockets, switches, fans etc. shall have warranty for 5 years from date of installation.
		For malfunction of any units/items in the rack, the support shall be provided within the next business day.
		Batteries will be replaceable at Additional cost basis post Warranty of 2 Years and Fire Suppression NOVAC 1230 Gas agent refilling at additional cost basis post Warranty of 2 Years
		Warranty claim shall be attended within 2 to 3 working days.

8.8 AI-HUB Platform – Functional Modules

Sr. No.	Module / Feature	Description
1	AI-HUB Dashboard	Centralized portal for AI infrastructure, virtualization, Kubernetes, GPU resources, storage, monitoring, billing, and enterprise services.
2	User & Role Management	Role-based access control (RBAC), authentication, authorization, LDAP/AD integration, and user permissions.
3	Kubernetes Cluster Management	Register, manage, monitor, and operate multiple Kubernetes clusters from a single dashboard.
4	GPU Pod Management	Deploy GPU-enabled pods with GPU/MIG allocation, resource limits, and scheduling.
5	Jupyter Notebook Service	Launch browser-based Jupyter Notebook environments with GPU acceleration for AI/ML workloads.
6	VS Code Server	Provide browser-based Visual Studio Code development environments inside Kubernetes pods.
7	Container Registry Integration	Integrate Harbor and other container registries for secure image storage, scanning, and deployment.
8	Hypervisor Management	Manage KVM, VMware ESXi/vCenter, Proxmox, Hyper-V, and other virtualization platforms.
9	Virtual Machine Management	Create, clone, start, stop, reboot, migrate, snapshot, and delete virtual machines.
10	GPU Resource Allocation	Allocate Full GPU or MIG profiles to virtual machines and Kubernetes workloads.
11	Storage Management	Manage NFS, shared storage, persistent volumes, and storage provisioning.
12	Billing & Resource Usage	Track CPU, RAM, GPU, storage utilization, resource consumption, and billing reports.
13	Data Lake House	Low-cost, open-format storage with ACID transactions, schema enforcement, independent scaling, and time-travel versioning.
14	Container Management	View, monitor, restart, stop, and manage running containers and Kubernetes workloads.
15	Monitoring & Alerts	Monitor infrastructure health, GPU utilization, cluster status, and generate alerts.
16	Open Source Application Catalog	Deploy applications such as Harbor, Mailu, Wazuh, Keycloak, Nextcloud, Wiki.js, Grafana, Rocket.Chat, Zammad, Suricata, and more.
17	Project & Workspace Management	Create isolated projects, teams, namespaces, and dedicated resource pools.
18	Template Management	Create reusable VM templates, container templates, and deployment blueprints.
19	Image Management	Upload, import, export, and manage virtual machine images and container images.
20	Network Management	Configure virtual networks, VLANs, IP pools, security groups, load balancers, and DNS.
21	Security Management	Centralized authentication, secrets management, SSL certificates, access policies, and audit trails.
22	Audit Logs	Maintain complete logs of user actions, deployments, infrastructure events, and administrative activities.

23	AI Workload Management	Deploy AI models, inference services, training jobs, and scalable machine learning pipelines.
24	DevOps Integration	Support CI/CD pipelines, Git repositories, Helm charts, Docker, and Infrastructure as Code.
25	Multi-Tenant Architecture	Provide isolated environments for departments, customers, and organizations.
26	Reporting Dashboard	Generate infrastructure, billing, GPU utilization, VM, and Kubernetes usage reports.
27	Scalability	Support enterprise-scale deployments across multiple data centers and cloud environments.
28	High Availability	Support HA clusters, failover, redundancy, and production-grade enterprise deployments.

8.9 Resident Engineer & Helpdesk Manpower

The Bidder shall deploy qualified and experienced manpower at the Manipur AI-CoE for onsite technical support, monitoring, troubleshooting and helpdesk services.

Position	Minimum Qualification	Minimum Experience
Resident Engineer	B.E./B.Tech/BCA/MCA in IT/Computer Science or equivalent	2 Years
Helpdesk Manager	Graduate in any discipline with relevant IT support experience /MBA preferred	5 Years

The qualifications, experience and certifications of the deployed manpower shall be verified by the Purchaser after award of the contract.

In case any resource is found to be under-qualified, unsuitable or not meeting the prescribed criteria, the Purchaser may require the Bidder to replace such resource. The Bidder shall provide a suitable replacement with equal or higher qualification and experience within 15 days of written notice.

The Bidder shall ensure continuity of services and proper handover/knowledge transfer during any manpower replacement.

9. Technical Requirements

9.1 Functional Components

The AI-CoE shall include the following functional components:

(i) AI Compute & GPU Infrastructure

(ii) AI Research & Innovation Lab

(iii) AI Development & Testing Environment

(iv) AI Experience Centre

(v) AI Startup Incubation Centre

(vi) AI Training & Capacity Building Centre

(vii) Data Analytics & Visualization Platform

(viii) Collaboration & Knowledge Management Portal

(ix) Project Monitoring & Administration Portal

9.2 AI Compute Infrastructure

The bidder shall establish an AI-ready compute environment comprising:

(i) GPU-enabled servers for AI/ML workloads.

(ii) High-performance CPU servers.

(iii) Centralized storage infrastructure.

(iv) Virtualization platform.

(v) Scalable architecture to accommodate future expansion.

The solution shall support AI model training, inference, experimentation, and collaborative development.

9.3 AI Platform Requirements

The AI platform shall provide:

(i) AI/ML development environment.

(ii) MLOps and model lifecycle management.

(iii) Dataset management.

(iv) Model repository.

(v) API integration framework.

(vi) Workflow automation.

(vii) AI model deployment environment.

(viii) Dashboard and reporting capabilities.

The platform shall support commonly adopted open standards and facilitate future integration with Government systems.

9.4 Network & Cybersecurity

The bidder shall implement a secure ICT environment including:

(i) Enterprise-grade LAN/WAN infrastructure.

(ii) Secure Wi-Fi connectivity.

(iii) Next Generation Firewall (NGFW).

(iv) Network Access Control (NAC).

(v) Endpoint protection.

(vi) Identity and Access Management (IAM).

(vii) Security Information and Event Management (SIEM) integration (where applicable).

(viii) Secure VPN access for authorized users.

The infrastructure shall be designed in accordance with prevailing Government cybersecurity guidelines.

9.5 AI Application Development

The AI-CoE shall support the design and development of AI applications for priority sectors, including:

(i) Governance & Citizen Services.

(ii) Agriculture & Horticulture.

(iii) Healthcare.

(iv) Education.

(v) Tourism.

(vi) Disaster Management.

(vii) Land Records.

(viii) Skill Development.

(ix) Public Safety.

The solution shall support rapid prototyping, testing, deployment, and scalability.

9.6 Training & Knowledge Platform

The bidder shall establish a digital learning platform to facilitate:

(i) AI certification programmes.

(ii) Online and classroom-based training.

(iii) Course management.

(iv) Learning content repository.

(v) Assessment and evaluation.

(vi) Digital certification.

The platform shall support multiple user categories, including Government officials, students, faculty, startups, and industry participants.

9.7 Interoperability

The proposed solution shall support integration, where applicable, with:

(i) Existing Government digital systems.

(ii) Open APIs.

(iii) National Digital Public Infrastructure (DPI).

(iv) Cloud-based services.

(v) Identity and authentication frameworks.

The solution shall be modular and designed for future expansion.

9.8 Operations & Monitoring

The bidder shall implement tools for:

(i) Infrastructure monitoring.

(ii) Application performance monitoring.

(iii) Capacity monitoring.

(iv) Log management.

(v) Incident management.

(vi) SLA monitoring.

(vii) Asset management.

(viii) Automated alerting and reporting.

9.9 Technical Documentation

The bidder shall provide:

(i) Solution Architecture Document.

(ii) Detailed Design Document (DDD).

(iii) Installation & Configuration Manuals.

(iv) Standard Operating Procedures (SOPs).

(v) User Manuals.

(vi) Administrator Manuals.

(vii) Security Configuration Documents.

(viii) Disaster Recovery Procedures.

(ix) Operations & Maintenance Manual.

(x) Knowledge Transfer Documentation.

9.10 Acceptance Criteria

The AI-CoE shall be considered successfully implemented upon:

(i) Completion of infrastructure deployment.

(ii) Successful installation and commissioning of all hardware and software.

(iii) Completion of User Acceptance Testing (UAT).

(iv) Successful integration of all required components.

(v) Virtual training and knowledge transfer for 1 hour per day for 2 days.

(vi) Submission and approval of all project documentation.

(vii) Certification of project completion by the Department of Information Technology.

9.11 Technical Deliverables

The successful bidder shall deliver:

(i) Fully operational AI-CoE infrastructure.

(ii) AI Compute Platform.

(iii) AI Development Environment.

(iv) Secure Network Infrastructure.

(v) Data Management Platform.

(vi) Training & Learning Platform.

(vii) AI pilot applications.

(viii) Technical documentation.

(ix) O&M support services.

10. Bill of Materials and Price Schedule

10.1 Detailed BoM & Price Schedule

Sl. No.	Category	Item Description	Unit	Qty	Unit Price (₹)	Total Cost (₹)	Govt. Fund (90%)	Ind. Share (10%)
	A. AI COMPUTE INFRASTRUCTURE							
1	GPU Server	Enterprise AI GPU Server	Nos.	3				
2	AI Workstation	AI Development Workstation	Nos.	10				
3	Kubernetes Platform	Enterprise Kubernetes Platform	Lot	1				
4	Virtualization Platform	VMware/OpenShift/Nutanix/Equivalent	Lot	1				
	Subtotal A							
	B. NETWORK INFRASTRUCTURE							
5	Network	AI Switch	Nos.	2				
6	Network	Firewall	Nos.	1				
7	Access Switch	1 Gbps Switch	Nos.	1				
8	Interactive Display	75" Display + Camera	Nos.	2				
9	Rack	Smart Rack	Nos.	2				
	Subtotal B							
	C. PROFESSIONAL SERVICES							
10	Implementation	Design, Supply, Installation & Integration	Lot	1				
11	Training	User & Administrator Training	Lot	1				
12	O&M	Three-Year Comprehensive O&M	Lot	1				
13	Resident Support	Resident Technical Team & Helpdesk	Nos.	2				
14	Service	Civil, Electric & Miscellaneous Work	Lot	1				
	Subtotal C							
	Grand Total							

10.2 Bill of Materials (BoM)

Sl. No.	Category	Sub-Category	Item Description	Unit	Indicative Qty
1	AI Compute	GPU Server	Enterprise AI GPU Server	Nos.	3
2	AI Compute	AI Workstation	AI Development Workstation	Nos.	10
3	AI Compute	AI Platform	Kubernetes / AI Cluster Management Platform	Lot	1
4	AI Compute	Virtualization	Virtualization / Container Platform	Lot	1
5	Network	Core / AI Switch	Data Centre / AI Core Switch	Nos.	2

Sl. No.	Category	Sub-Category	Item Description	Unit	Indicative Qty
6	Network	Firewall	Enterprise NGFW with 3-year subscriptions	Nos.	1
7	Network	Access Switch	Managed 1GbE Access Switch	Nos.	1
8	Collaboration	Display + Camera	75-inch or larger IFPD + conference camera	Nos.	2
9	Rack	Smart Rack	Smart Rack	Nos.	2
10	Services	Implementation	Design, Supply, Installation, Integration & Commissioning	Lot	1
11	Services	Training	Training, Certification & Knowledge Transfer	Lot	1
12	Services	O&M	Comprehensive O&M for 36 months	Lot	1
13	Services	Resident Support	Resident Technical Team & Helpdesk for 36 months	Nos.	2
14	Services	Civil Work	Civil, Electric & Miscellaneous Work	Lot	1

10.3 Commercial Summary

S. No.	Description	Amount (₹)
1	AI Compute Infrastructure	
2	Network Infrastructure	
3	Professional Services & Implementation	
4	O&M & Resident Support (36 months)	
5	Civil, Electric & Miscellaneous Work	
	Total Base Contract Value (excluding GST)	
	GST as applicable	
	Grand Total Including GST	

The Financial Bid shall be submitted strictly in the above formats. Prices shall be quoted in Indian Rupees, inclusive of all costs, duties and levies, with GST shown separately. In case of any discrepancy between figures and words, the amount in words shall prevail.

Place: _____

Date: _____

ANNEXURES

ANNEXURE I – LETTER OF PROPOSAL

To

The Director, Department of Information Technology,

Government of Manipur, Imphal – 795001

Subject: Proposal for Selection of Strategic Implementation Partner for AI Centre of Excellence (AI-CoE)

RFP Reference No.: _____

Sir/Madam,

1. Having examined the RFP, including all corrigenda, addenda and clarifications issued by DIT, we hereby submit our Proposal for the above-mentioned assignment.

2. We confirm that we have examined the RFP and have understood the scope of work, eligibility criteria, evaluation methodology, technical requirements, commercial conditions, SLAs, KPIs and contract conditions. We offer to perform the services in conformity with the RFP and our submitted Proposal.

3. We confirm that the information and documents submitted with this Proposal are true, complete and correct to the best of our knowledge. We understand that any material misrepresentation may lead to rejection of our Proposal or other action under the RFP and applicable law.

4. Our Proposal shall remain valid for 180 days from the last date of bid submission, as provided in the RFP.

5. We confirm that the Tender Fee and EMD have been submitted in the manner prescribed in the RFP, or that any exemption claimed is supported by applicable documentary evidence, where permitted.

6. We accept the RFP conditions without material reservation, subject to any clarifications/corrigenda formally issued by DIT.

7. We disclose below any actual or potential conflict of interest and any material litigation relevant to this Proposal: _____.

8. The authorized signatory is empowered to submit this Proposal and bind the Bidder. In case of a Consortium/JV, the Lead Member is authorized in accordance with the submitted Power of Attorney and Consortium Agreement.

Particular	Details
Name of Bidder / Lead Member	
Constitution	Single Entity / Consortium / JV
RFP Reference No.	_____
Authorized Signatory Name & Designation	
Registered Address	
Email / Telephone	
Consortium members, if any	

Place: _____ Date: _____

Signature: _____

Name & Designation: _____

For and on behalf of: _____

Company Seal

ANNEXURE II – BIDDER INFORMATION FORM

Complete this form for the Bidder and, where applicable, separately for every Consortium/JV member.

Item	Information to be provided
1. Legal name of entity	
2. Trade name (if any)	
3. Legal status / constitution	Company / LLP / PSU / Government Company / Other (specify)
4. Date and place of incorporation / registration	
5. CIN / LLPIN / registration number	
6. PAN	
7. GSTIN	
8. Registered office address	
9. Corporate / local office address	
10. Name of authorized representative	
11. Designation	
12. Telephone and email	
13. Years in operation as on Bid Due Date	
14. Average annual turnover for FY 2023-24, 2024-25 and 2025-26	Attach audited statements and CA certificate with UDIN
15. Statutory registrations (EPF/ESIC, if applicable)	
16. ISO 9001:2015 certificate details	
17. ISO/IEC 27001:2022 certificate details	
18. ISO/IEC 20000-1 certificate details	
19. CMMI Level 3 or above, if applicable	
20. Cloud Service Provider partnership, if applicable	
21. Proposed role in project	Lead Member / Other Member / Single Entity
22. Share of responsibilities in Consortium	
23. Litigation / conflict disclosures	Attach details or state “Nil”
24. Supporting documents attached	List document names

Place: _____ Date: _____

Signature: _____

Name & Designation: _____

For and on behalf of: _____

Company Seal

ANNEXURE III A – POWER OF ATTORNEY FOR AUTHORISED SIGNATORY (SINGLE BIDDER)

(To be executed on appropriate non-judicial stamp paper and notarized / authenticated as required by applicable law.)

KNOW ALL PERSONS BY THESE PRESENTS that we, [FULL LEGAL NAME OF THE BIDDER], a [Company incorporated under the Companies Act, 2013 / LLP / Partnership Firm / Proprietorship], having its registered office / principal place of business at [FULL ADDRESS], being the sole bidder for the RFP bearing reference _____, hereby nominate, constitute and appoint [FULL NAME OF AUTHORISED REPRESENTATIVE], [DESIGNATION], having office at [ADDRESS], as our true and lawful Attorney and Authorised Representative for the purposes of the said RFP.

The Authorised Representative is hereby empowered and authorised to:

(a) Sign, execute and submit the Bid/Proposal, including all forms, declarations, undertakings and supporting documents required under the RFP;

(b) Represent the Bidder in all communications, correspondence, pre-bid meetings, presentations and clarifications with the Department of Information Technology (DIT), Government of Manipur;

(c) Receive notices, instructions, communications and other documents issued by DIT in connection with the bidding process;

(d) Submit additional documents, explanations, clarifications and undertakings as may be required by DIT in accordance with the RFP;

(e) Sign and execute the Contract Agreement and related documents upon award, where duly authorised and permitted under the RFP and applicable law; and

(f) Perform all lawful acts, deeds and things necessary or incidental to the submission, processing and finalisation of the Bid, subject to the terms and conditions of the RFP.

We hereby agree to ratify and confirm all lawful acts, deeds and things done by our said Attorney/Authorised Representative pursuant to this Power of Attorney.

We further declare that the Bidder is participating in the tender in its individual capacity as a sole bidder and is not submitting the Bid as a Consortium or Joint Venture, unless expressly permitted and declared otherwise in accordance with the RFP.

This Power of Attorney shall remain valid for the duration of the bidding process and, where applicable, the execution of the Contract Agreement, unless revoked earlier in accordance with applicable law and subject to written notice to DIT.

IN WITNESS WHEREOF, the Bidder has executed this Power of Attorney on this _____ day of _____, 20____, at _____.

DETAILS OF THE BIDDER AND AUTHORISED REPRESENTATIVE

Name of the Bidder	_____
Registered Office / Principal Place of Business	_____
Name of the Person Granting the Power of Attorney	_____
Designation of the Authorising Person	_____
Name of the Authorised Representative	_____

Designation of the Authorised Representative	_____
RFP Reference Number	_____
Date	_____

SIGNATURE AND AUTHORISATION

For and on behalf of the Sole Bidder

Name of Bidder	_____
Name of Authorising Person	_____
Designation	_____
Signature	_____
Company / Firm Seal	_____
Date	_____
Place	_____

Acceptance by the Authorised Representative

I, [FULL NAME OF AUTHORISED REPRESENTATIVE], hereby accept the appointment and the authority conferred upon me under this Power of Attorney.

Signature: _____

Name: _____

Designation: _____

Date: _____

Place: _____

WITNESSES

Witness 1

Name: _____

Address: _____

Signature: _____

Witness 2

Name: _____

Address: _____

Signature: _____

ANNEXURE III B– POWER OF ATTORNEY FOR LEAD MEMBER & CONSORTIUM/JV

(To be executed on appropriate non-judicial stamp paper and notarized / authenticated as required by applicable law.)

KNOW ALL PERSONS BY THESE PRESENTS that we, the undersigned entities forming the Consortium/JV for the RFP bearing reference _____, hereby appoint [FULL LEGAL NAME OF LEAD MEMBER], having its registered office at [ADDRESS], acting through [NAME, DESIGNATION], as our lawful attorney and authorized representative for the purposes of the said RFP.

The Lead Member is authorized to: (a) submit, sign and clarify the Proposal; (b) represent the Consortium in communications with DIT; (c) receive notices and instructions; (d) submit documents and undertakings; (e) execute the Contract Agreement upon award; and (f) perform all acts necessary for the bidding process, subject to the RFP.

Each Consortium member confirms that it shall remain jointly and severally liable for performance of the Contract in accordance with the RFP and the Consortium Agreement.

Consortium Member	Authorized Signatory / Designation	Signature & Seal	Date
Lead Member			
Member 2			
Member 3 (if any)			

Witness 1: Name, address and signature: _____

Witness 2: Name, address and signature: _____

Notarial / authentication details: _____

ANNEXURE IV – CONSORTIUM / JOINT VENTURE AGREEMENT

This Agreement is made on [date] between the following members (collectively, the "Consortium"):

Member	Legal Name and Registered Address	Role	Responsibility / Work Package	Share of Core Responsibilities
1 – Lead Member		Lead		
2 – Member		Other Member		
3 – Member (if any)		Other Member		

1. Purpose: The members agree to jointly submit a Proposal for RFP Reference _____ and, if selected, to perform the Contract in accordance with the RFP.

2. Lead Member: [name] is nominated as Lead Member and is authorized under Annexure III to represent the Consortium and sign the Contract Agreement.

3. Joint and Several Liability: All members shall be jointly and severally liable to DIT for all obligations and performance under the Contract.

4. Work Allocation: The Lead Member shall execute not less than 51% of core implementation responsibilities. The Other Member(s) shall together execute not more than 49%. The detailed allocation is set out above and shall be consistent with Clause 2.2 of the RFP.

5. Eligibility: Each member shall satisfy the criteria applicable to it under Clause 7.2(D). The Consortium shall collectively satisfy the requirements specified in the RFP.

6. No Multiple Participation: No member shall participate in the same procurement as part of another bid or as a single entity.

7. No Change in Composition: The composition shall not be changed after submission or during the Contract without prior written approval of DIT.

8. Dispute between members: Internal disputes shall not prejudice the Consortium's obligations to DIT or delay performance.

9. Duration: This Agreement shall remain in force through the bidding process and, if awarded, until all Contract obligations and transition requirements have been discharged.

IN WITNESS WHEREOF, the members have executed this Agreement through their duly authorized representatives.

Member	Name / Designation	Signature	Company Seal / Date
Lead Member			
Member 2			
Member 3 (if any)			

Witnesses: 1. _____ 2. _____

ANNEXURE V – TECHNICAL COMPLIANCE STATEMENT

The Bidder shall complete the detailed compliance matrix below and the item-wise compliance tables in Sections 8 and 9 of the RFP. Do not alter the RFP specification text. Attach OEM datasheets, architecture documents and supporting evidence with cross-references.

RFP Clause / Ref.	Requirement / Specification Reference	Comply (Yes/No/Partial)	Bidder's Offered Solution / Details	Evidence / Datasheet Ref.	Deviation / Remarks
Section 4 – Scope of Work	End-to-end implementation, operationalization and O&M				
Section 5 – Innovation / Capacity Building	AI innovation, startup support, training and collaboration				
Section 6 – SLA / KPI	Meet prescribed SLAs and KPI reporting requirements				
Section 8.1	GPU Server – comply against every specification row				
Section 8.2	AI Workstation – comply against every specification row				
Section 8.3	Firewall – comply against every specification row				
Section 8.4	AI Switch – comply against every specification row				
Section 8.5	Access Switch – comply against every specification row				
Section 8.6	Interactive Display with Camera – comply against every specification row				
Section 8.7	AI-HUB Platform functional modules				
Section 8.8	Resident Engineer and Helpdesk Manpower				
Section 9	Technical Requirements, components and deliverables				

Declaration: We certify that the offered solution complies with the RFP requirements as marked above. Any "Partial" or "No" response is fully disclosed and shall be evaluated in accordance with the RFP. No deviation is concealed.

Place: _____ Date: _____

Signature: _____

Name & Designation: _____

For and on behalf of: _____

Company Seal

ANNEXURE VI – PROJECT EXPERIENCE

Provide a separate row for each project relied upon to satisfy Clause 7.2 and/or technical evaluation. Attach work order/contract and completion certificate or other evidence explicitly accepted under the RFP.

Sl. No.	Client / Department	Project Name & Scope	AI / ML / GenAI / Analytics / GPU / ICT Category	Contract Value (₹)	Work Order Ref.	Completion Certificate Ref.
1						
2						
3						
4						
5						

For each project, state the specific evidence showing that it meets the “Qualifying AI Project” definition in Clause 7.2, including value, relevant scope, dates and client category.

Project	Evidence of value ≥ ₹8 Crore	Scope of AI/ML/GenAI/Data Analytics/Digital Transformation/GPU server Project	Government/PSU evidence
Project 1			
Project 2			
Project 3			

Place: _____ Date: _____

Signature: _____

Name & Designation: _____

For and on behalf of: _____

Company Seal

ANNEXURE VII– FINANCIAL BID FORMAT

The Financial Bid shall be submitted separately through the prescribed e-procurement financial envelope. Quote in Indian Rupees (INR). GST shall be shown separately. Do not include price information in the Technical Proposal.

Sl. No.	Cost Component	Amount excluding GST (₹)	GST (₹)	Amount including GST (₹)
1	AI Compute Infrastructure			
2	Network Infrastructure			
3	Professional Services & Implementation			
4	O&M & Resident Support (36 months)			
5	Civil, Electric & Miscellaneous Work			
			Grand Total Including GST	

Amount in words: _____

The quoted prices include all costs, duties and levies except GST, which is separately identified above, consistent with the RFP. The bidder shall ensure consistency with Annexure XIII.

Place: _____ Date: _____

Signature: _____

Name & Designation: _____

For and on behalf of: _____

Company Seal

ANNEXURE VIII – BILL OF MATERIALS (BoM)

Indicative BoM as specified in Section 10.2 of the RFP. The bidder shall quote the specified quantities and ensure compliance with the detailed technical specifications. Any proposed equivalent shall be supported by documentary evidence under Clause 7.9.

Sl. No.	Category	Sub-Category	Item Description	Unit	Indicative Qty	Offered Make / Model / Solution	Compliance / Remarks
1	AI Compute	GPU Server	Enterprise AI GPU Server	Nos.	3		
2	AI Compute	AI Workstation	AI Development Workstation	Nos.	10		
3	AI Compute	AI Platform	Kubernetes / AI Cluster Management Platform	Lot	1		
4	AI Compute	Virtualization	Virtualization / Container Platform	Lot	1		
5	Network	Core / AI Switch	Data Centre / AI Core Switch	Nos.	2		
6	Network	Firewall	Enterprise NGFW with 3-year subscriptions	Nos.	1		
7	Network	Access Switch	Managed 1GbE Access Switch	Nos.	1		
8	Collaboration	Display + Camera	75-inch or larger IFPD + conference camera	Nos.	2		
9	Rack	Smart Rack	Smart Rack	Nos.	2		
10	Services	Implementation	Design, Supply, Installation, Integration & Commissioning	Lot	1		
11	Services	Training	Training, Certification & Knowledge Transfer	Lot	1		
12	Services	O&M	Comprehensive O&M for 36 months	Lot	1		
13	Services	Resident Support	Resident Technical Team & Helpdesk for 36 months	Nos.	2		
14	Services	Civil Work	Civil, Electric & Miscellaneous Work	Lot	1		

The bidder confirms that the BoM is aligned to Section 10 of the RFP and that no unapproved duplication of central IndiaAI compute infrastructure is proposed.

ANNEXURE IX – INTEGRITY PACT / DECLARATION

We, [legal name of Bidder], having submitted a Proposal for RFP Reference _____, declare and undertake that:

(a) We shall maintain the highest standards of integrity, transparency and fairness during the procurement and Contract execution.

(b) We have not engaged in and shall not engage in bribery, fraud, collusion, coercion, obstruction, undue influence or any corrupt practice.

(c) Neither we nor, to the best of our knowledge, our authorized representatives have offered or given any improper benefit to any public servant or person connected with this procurement.

(d) We shall disclose any actual or potential conflict of interest and shall promptly notify DIT of any change in circumstances.

(e) We shall not submit false, misleading or forged information or evidence.

(f) We understand that breach of this declaration may result in rejection, termination, forfeiture of security or other action permissible under the RFP and applicable law.

Conflict of Interest: ☐ None ☐ Details attached: _____

Litigation / proceedings relevant to this bid: ☐ Nil ☐ Details attached: _____

Place: _____ Date: _____

Signature: _____

Name & Designation: _____

For and on behalf of: _____

Company Seal

ANNEXURE X – NON-BLACKLISTING DECLARATION

I/We, [name], [designation], duly authorized by [legal name of Bidder / Consortium member], having registered office at [address], hereby declare that, as on the last date of bid submission, the entity is not under any declaration of ineligibility, blacklisting, debarment or banning by any Central Government, State Government, PSU or statutory authority that is in force.

I/We undertake to inform the Department of Information Technology, Government of Manipur forthwith if any such declaration is issued after bid submission and until award of the Contract.

I/We understand that an incorrect declaration or failure to disclose relevant information may lead to disqualification, forfeiture of EMD or other action under the RFP and applicable law.

If any past order, proceeding or qualification requires disclosure, details are attached herewith: ☐ No ☐ Yes (attach complete details and current status).

Place: _____ Date: _____

Signature: _____

Name & Designation: _____

For and on behalf of: _____

Company Seal

ANNEXURE XI – PERFORMANCE SECURITY FORMAT

(To be issued by a scheduled commercial bank on appropriate stamp paper / authenticated form as applicable. To be furnished by the successful Bidder only.)

To

The Director, Department of Information Technology,

Government of Manipur, Imphal – 795001

WHEREAS [name of successful Bidder] ("Contractor") has been awarded the Contract for RFP Reference _____ and is required to furnish Performance Security equal to 5% of the Contract Value.

We, [name of bank], having our registered office at [address] ("Bank"), hereby irrevocably and unconditionally undertake to pay the Government of Manipur / DIT, on first written demand, any sum or sums not exceeding ₹[amount] (Rupees [amount in words] only), without demur, protest or reference to the Contractor, upon the Government's written statement that the Contractor has failed to perform its obligations under the Contract.

This Guarantee shall remain valid until [date], being at least 90 days beyond expiry of the 36-month O&M period, and shall be extended as required under the RFP. A demand under this Guarantee must be received by the Bank on or before its expiry date. The Bank's liability shall not be discharged by any amendment, extension or variation of the Contract, provided the Guarantee is extended where required.

This format is a drafting template and shall be finalized by DIT and the issuing bank in accordance with applicable rules and the Contract.

Particular	Details
Guarantee No.	
Date of issue	
Name of Bank / Branch	
Beneficiary	Government of Manipur / DIT
Contractor	
Contract / LoA reference	
Contract Value	
Security Amount (5%)	
Validity up to	
Claim period / expiry	

Authorized Signatory of Bank: _____

Seal: _____

ANNEXURE XII – CONTRACT AGREEMENT FORMAT

This Contract Agreement is made on [date] at Imphal, Manipur, between the Governor of Manipur acting through the Department of Information Technology ("DIT"), of the first part, and [full legal name of successful Bidder / Lead Member], having its registered office at [address] ("Contractor"), of the second part.

WHEREAS DIT invited proposals under RFP Reference _____ for selection of a Strategic Implementation Partner for the AI Centre of Excellence; and WHEREAS the Contractor's Proposal has been accepted by DIT through Letter of Award dated [date].

NOW IT IS AGREED as follows:

1. Contract Documents: The RFP, corrigenda/addenda, accepted Proposal, Letter of Award, accepted financial schedules, approved project plan, and this Agreement shall form the Contract. In case of inconsistency, the order of precedence shall be as specified in the final executed Contract.
2. Scope: The Contractor shall design, establish, operationalize and manage the AI-CoE in accordance with the RFP, including implementation within 24 weeks and O&M for 36 months, subject to the executed Contract and approved schedule.
3. Contract Price: ₹[amount] excluding GST, GST ₹[amount], total ₹[amount] including GST, as per the accepted Financial Bid.
4. Performance Security: The Contractor shall furnish Performance Security equal to 5% of Contract Value, valid as prescribed in Clause 2.13.
5. Payment: Payments shall be linked to accepted milestones and quarterly O&M, subject to SLAs/KPIs and deductions as specified in the RFP.
6. Obligations: The Contractor shall comply with all applicable laws, confidentiality, security, data protection, warranty, support, reporting, documentation and knowledge-transfer requirements.
7. Termination, indemnity, limitation of liability, dispute resolution and exit management shall be governed by Clauses 7.10–7.13 and other applicable provisions of the RFP.
8. Governing Law and Jurisdiction: Laws of India; courts at Imphal, Manipur, subject to the dispute resolution clause.

For DIT / Government of Manipur	For the Contractor
Name: _____	Name: _____
Designation: _____	Designation: _____
Signature: _____	Signature: _____
Date / Seal: _____	Date / Seal: _____

Witness 1: _____

Witness 2: _____

ANNEXURE XIII– DETAILED BoM & PRICE SCHEDULE

All prices shall be quoted in INR. The bidder shall provide unit prices, totals, taxes and funding-share calculations. Prices shall be consistent with Annexure VII and Section 10 of the RFP.

Sl. No.	Category / Item	Unit	Qty	Unit Price (₹)	Total Cost (₹)	Government Fund 90% (₹)	Industry Share 10% (₹)	GST (₹)	Grand Total (₹)
1	GPU Server	Nos.	3						
2	AI Workstation	Nos.	10						
3	Kubernetes Platform	Lot	1						
4	Virtualization Platform	Lot	1						
5	AI Switch	Nos.	2						
6	Firewall	Nos.	1						
7	Access Switch	Nos.	1						
8	75-inch Display + Camera	Nos.	2						
9	Smart Rack	Nos.	2						
10	Implementation – design, supply, installation and integration	Lot	1						
11	Training – user and administrator training	Lot	1						
12	O&M – three-year comprehensive O&M	Lot	1						
13	Resident technical team and helpdesk	Nos.	2						
14	Civil, electric and miscellaneous work	Lot	1						
	Subtotal A – AI Compute Infrastructure								
	Subtotal B – Network Infrastructure								
	Subtotal C – Professional Services								
	Grand Total								

Commercial Summary

Sl. No.	Description	Amount (₹)
1	AI Compute Infrastructure	
2	Network Infrastructure	
3	Professional Services & Implementation	
4	O&M & Resident Support (36 months)	
5	Civil, Electric & Miscellaneous Work	
	Total Base Contract Value (excluding GST)	
	GST as applicable	
	Grand Total Including GST	

Amount in words: _____

Note: The RFP states that the Industry Partner shall contribute 10% of the total project cost (approximately ₹2 Crore) over three years, in accordance with the funding pattern in the Detailed BoM & Price Schedule. The bidder shall show this share transparently and DIT should confirm the applicable funding treatment before award; do not treat the contribution as an automatic discount unless the RFP/approved funding arrangement so provides.

Place: _____ Date: _____

Signature: _____

Name & Designation: _____

For and on behalf of: _____

Company Seal

ANNEXURE XIV – BID DATA SHEET

This sheet summarizes the bid particulars stated in the RFP. Blank fields in the RFP should be completed by DIT through the official tender notice/corrigendum; bidders shall not unilaterally amend bid dates.

Sl. No.	Particulars	Details
1	Purchaser	Department of Information Technology (DIT), Government of Manipur
2	RFP Reference No.	_____
3	Date of issue of RFP	13-10-2026 (as stated in Section 1.3; verify against official tender notice)
4	Project	Selection of Strategic Implementation Partner for AI-CoE under IndiaAI Mission
5	Project Location	IT SEZ Building No. 1, Mantripukhri, Imphal, Manipur
6	Selection Method	QCBS: Technical 70% : Financial 30%
7	Minimum technical qualifying score	70 marks out of 100
8	Bid Type	Open competitive bidding – two-bid system
9	Language / Currency	English / Indian Rupees (INR)
10	Tender Fee	₹10,000, non-refundable
11	EMD	₹10,00,000
12	Bid Validity	180 days from last date of bid submission
13	Average Annual Turnover	Not less than ₹100 Crore over FY 2023-24, FY 2024-25 and FY 2025-26
14	Consortium / JV	Permitted; maximum three members, including Lead Member
15	Performance Security	5% of Contract Value
16	Contract Duration	24 weeks implementation + 36 months O&M (42 months total)
17	Last date/time for bid submission	03-11-2026, 01:00 PM (verify official portal; RFP text contains “Days” wording)
18	Technical bid opening	03-11-2026, 02:00 PM (verify official portal; RFP text contains “Days” wording)
19	Technical presentation / demo	05-11-2026, 03:00 PM (if required; verify official portal)
20	Pre-bid meeting date/time/venue	Refer official tender notice / corrigendum
21	Query address	Director, DIT, Government of Manipur, Imphal – 795001; dit-mn@nic.in

Official source for any updated dates or details shall be the e-procurement portal and formal corrigenda/addenda issued by DIT.

ANNEXURE XV – EXIT MANAGEMENT & TRANSITION PLAN

The Bidder shall submit a project-specific Exit Management and Transition Plan and update it at inception and before expiry/termination. The plan shall ensure orderly transition without disruption to AI-CoE services.

Workstream	Exit / Transition Activity	Deliverable / Evidence	Responsible Party	Target Timeline	Status / Remarks
Governance	Appoint exit manager and agree transition calendar				
Assets	Joint inventory of hardware, peripherals, licenses and assets				
Credentials	Transfer administrator credentials securely and rotate credentials where required				
Data	Handover datasets, metadata, backups, logs and data dictionaries				
Applications	Transfer application code, repositories, build/deployment scripts and configuration where applicable				
Platforms	Handover AI platform, Kubernetes, virtualization, monitoring and management configurations				
OEM Support	Transfer/assign warranties, subscriptions and support contracts in DIT's name where permitted				
Documentation	Provide architecture, detailed design, installation, configuration, security and operations manuals				
SOPs	Handover approved SOPs, runbooks, incident records and change records				
Knowledge Transfer	Conduct training and handover sessions for DIT/nominated				

	agency				
Operations	Maintain service continuity during transition period				
Security	Revoke outgoing personnel access and provide access-revocation evidence				
Data Deletion	Securely delete Government data from Contractor systems after approved handover and provide certificate				
Open Items	List open incidents, defects, risks, warranties and pending activities				
Exit Certification	Prepare joint exit certificate recording completion of transition				

Transition period: As specified in Clause 7.12, services shall continue on the same terms and rates for up to 90 days, or such longer period as DIT may require, not exceeding 180 days.

Exit Completion Certificate

We confirm that the handover items listed in the approved Exit Management and Transition Plan have been completed, except the items expressly recorded as outstanding in the attached schedule.

For DIT: Name / Designation / Signature / Date: _____

For Contractor: Name / Designation / Signature / Date: _____

Outstanding items / agreed completion dates: _____