



**ENGINEERING PROJECTS (INDIA) LTD.
(A GOVT. OF INDIA ENTERPRISE)**

**CORE-3, SCOPE COMPLEX,
7-INSTITUTIONAL AREA,
LODHI ROAD, NEW DELHI- 110003**

**APPLICATION FOR EXPRESSION OF INTEREST OF
SYSTEM INTEGRATOR
FOR
INFORMATION & COMMUNICATION TECHNOLOGY (ICT)
INFRASTRUCTURE PROJECT**

Application No: DLI/CO/ITD/ICT-SI/175

(EPI reserve the right to cancel this request for EOI and / or invite a fresh with or without amendments to this request for EOI, without liability or any obligations for such request for EOI and without assigning any reason. Information provided at this stage indicative and EPI reserves its right to amend/ add further details in the EOI documents)

**Contact for any clarification Mr. Rajeev Kumar Pandey, AGM (IT), at email : rajeev@epi.gov.in
contact number +91 011 24365572**



Engineering Projects (India) Ltd.
Core-3, Scope Complex,
Lodhi Road, New Delhi- 110003.

EOI Notice

EOI Notice No.: DLI/CO/ITD/ICT-SI/175

Dated 24.05.2024

DATA SHEET

S.No.	Description		Date	Time
1.	Publishing Date	:	24/05/2024	05:00 PM
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- a) Shri Shamsher Singh, Executive Director (BDD & Engineering) for and on behalf of Engineering Project (India) Ltd., (EPIL) Core-3 Scope Complex, Lodhi Road, New Delhi - 110003 invites online EOI in **Single Packet System** on prescribed forms from Eligible agencies. The Applicant is advised to examine carefully all instructions including addendum/corrigendum(s), condition of contract data, forms terms, technical specification, eligibility requirement etc. as per the EOI document.
- b) **ELIGIBILITY CRITERIA** – As per EOI document
- c) Website <https://etenders.gov.in/eprocure/app> may be referred for detailed terms and conditions of the EOI documents, which is available on line. Amendments / Corrigendum / Addendum, if any would be hosted on the website only.
- d) It is mandatory for the applicants to get their firm / company registered with e-procurement portal <https://etenders.gov.in/eprocure/app> to have user ID & password.
- e) **Instructions to Applicants for Online EOI submission on the e-Procurement portal** <https://etenders.gov.in/eprocure/app> Applicants may download and refer the instructions for submission of the BID.



Engineering Projects (India) Limited
(A Govt. of India Enterprise)
IT Division- Corporate Office

EPI/CO/ITD/SI-ICT/175

Date: 24.05.2024

Sub: Application for Expression of Interest of System Integrator (SI) for Information Communication & Technology (ICT) Infrastructure Project in India & Overseas.

EPI intends to invite application for Expression of Interest of System Integrator (SI) for Information Communication & Technology (ICT) Infrastructure Project in India & Overseas in the following areas:

A. Main Areas:

- i. Datacentre Infrastructure Management (DCIM)
- ii. Surveillance & Integrated Command Control Center (S & ICC)

B. Sub Areas:

- i. Network & Communication Infrastructure
- ii. Server, Storage & Network Administration
- iii. Smart Fencing Solutions & Communication Tower including Perimeter Intruder Detection System (PIDS)
- iv. Powerful Visualisation and Communication

The bidders are requested to choose at least one (1) field in main area and sub area for the qualifications in empanel of System Integrator (SIs) for ICT Infrastructure project India & Overseas. The bidders having expertise in both components of main areas, should apply separately for the main area and sub areas also.

The detailed notice for Expression of Interest is available for download on following websites:

1. EPI Website: <https://epi.gov.in>
2. For online submission of application on CPP e-procurement Portal: www.etenders.gov.in

Start Date of submission of application: 24/05/2024 at 05:00 PM **(D)**

Last date of submission of online application: 14/06/2024 upto 03:00 PM. **(D+21)**

(Executive Director)
(BDD & Engg.)
Engineering Projects (India) Limited



Annexure-I

Application for Expression of Interest of System Integrator (SI) for Information & Communication Technology (ICT) Infrastructure work in India & Overseas.

EPI–Introduction

Set up in April, 1970, Engineering Projects (India) Ltd. is a public sector enterprise under Ministry of Heavy Industry, Government of India. The Company has its Registered Office & Corporate Office in New Delhi and Regional Offices at different geographical locations viz. New Delhi, Mumbai, Kolkata, Chennai and Guwahati. EPI, a Mini-Ratna CPSE, has established itself as a multi-disciplinary Engineering & Construction Company with presence all over India and also in abroad.

EPI successfully executed 30 odd projects valued over US\$ 782.00 million in Iraq, Kuwait, Saudi Arabia, UAE, Yugoslavia, Maldives, Bhutan & Thailand and multi-disciplinary projects in India. Through execution of these projects, EPI has in its own way contributed in the development of the nation. EPI has the rare distinction of having worked for major power projects and steel plants in India in public sector.

The Company has been a pioneer in the field of turnkey project management and project exports and process expertise in the areas like Civil & Structural work, Material Handling Systems, Metallurgical Sector, Process Plants, Environment & Pollution Control, Oil & Petrochemicals, Defence-related projects, Border Management, Highways & Airports, Sports Stadia. Transmission Lines/Substations, etc. The services rendered by the Company include the specialized activities such as Feasibility Studies, Detailed Project Reports, Design & Engineering, Supply of Plant & Equipment, Quality Assurance, Erection, Trial-runs & Commissioning and Overall Project Management.

Contribution of Company:

EPI has performed its assigned roles as the country's leading Prime Contracting Company and has left its imprint not only in India but in overseas market as well.

EPI has executed projects of diverse nature Pan India & Overseas such as:

- Highways/Railways/Airports
- Ports and Harbour's
- Infrastructure Development Works
- Water Supply System
- Irrigation and Canals
- Institutional & Commercial Complexes
- Border Infrastructure Project Management in India & Abroad
- Smart City
- Housing & Township
- Universities& Research Institutes
- Hospitals & Medical Colleges
- Process & Industrial Plants
- Material Handling Systems
- Sports Stadium
- Data Centre Infrastructure Management
- Integrated Command & Control Center
- Fiber Optic Network Solutions

EPI has been pioneer in providing EPC/ PMC /Turnkey for industrial, construction including supply and commissioning of all types of equipment and machineries to Coal/Ore/Material handling systems to power and steel industry in India. EPI has successfully completed numbers of bulk material handling projects.

1.0 Background of ICT Infrastructure Work:

This open application intends to empanel reputed System Integrators (SIs) in the field of Information & Communication Technology (ICT) Infrastructure work category in which EPI shall pursue the business opportunities. The SIs shall be empanelled and categorized on the basis of nature of business and financial, technical & organizational strength.

The Brief scope of work to be undertaken by the bidder for Supply, Installation, Testing, Commissioning, Operations, and Maintenance of the Information & Communication Technology (ICT) Infrastructure work includes the following scope mentioned below.

A. Main Areas:

- i. **Datacentre Infrastructure:** The Tier I/ II/ III/ IV data centre services encompass seismic condition of location, Reliability, Security, Network Services Capacity, Flexibility and Scalability, System Backup/Co-location backup (DC & DR), etc. including all passive components with deployment of power and cooling solutions for critical infrastructure that require constant availability and uptime of 99.5%.
- ii. **Surveillance & Integrated Command Control Center:** The Integrated Command & Control Center includes, Control Room, Video wall/ Large Display, Surveillance Radar, Tetra Radio Network, VOIP services, Operator Workstation, Surveillance Camera Thermal/ CCTV/ PTZ / Infrared/ Day-Light Camera, GIS MAP, Network Management System, Alarm Management System , Access Control etc. from multiple sites into one coherent centralized system.

B. Sub Areas:

- i. **Network & Communication Infrastructure:** IT Infrastructure includes Planning, Design, Supply, Installation, Testing & Commissioning of network equipment and mechanisms such as DWDM, TDM, WDM, SDH, GPON, VOIP, VLAN, VPN, ONVIF, Radio, Tetra, Fiber Optic Transmission Network, Firewall, Core & Edge Switches, Routers, Intrusion Detection and Prevention Systems (IDPS), Encryption, Access Control Systems, Redundancy and Failover Mechanisms, Disaster Recovery Planning, Continuous Monitoring and Incident Response etc. with implementing robust network security and high availability solutions, organizations can effectively safeguard their IT infrastructure, protect sensitive data, and ensure uninterrupted operation of critical surveillance and security systems.
- ii. **Server, Storage & Network Administration:** The Server, Storage & Network Administration includes Planning, Designing and Installation and Configuration, Performance Monitoring and Optimization, Security Management, Backup and Recovery, Storage Provisioning, Data Protection, Storage Performance Optimization, Backup and Archiving, Network Configuration and Maintenance, Network Monitoring and Troubleshooting, Security Management, Network Performance Optimization. Effective server, storage, and network administration requires a combination of technical expertise, proactive monitoring, and meticulous planning to ensure the reliability, security, and performance of the IT infrastructure.
- iii. **Smart Fencing Solutions & Communication tower including Perimeter Intrusion Detection Systems (PIDS):** As increasing of threat levels in present situation, it is crucial for entities such as International Borders, Airports, Military Establishment, Industrial Premises, Railways, Intelligent Traffic systems, and organizations to effectively secure their assets. Perimeter Intrusion Detection Systems (PIDS) are security systems designed to detect and prevent unauthorized entry into a defined perimeter. These system can use a variety of technologies such as sensors, cameras, Fence line, Microwave, Infrared, WIDS, Ground Base Detection, Laser beam, Alarms to detect intrusions and alert security personnel or law enforcement to mitigate operational risks.
- iv. **Powerful Visualisation and Communication:** Easily configurable interface allowing the user to design the user interfaces according to their operation's specific needs. Visualization includes options such as 2D GIS mapping, bespoke schematic diagrams, overlay on site photo's/diagrams or interactive 3D modelling as well as Real Time Communication and Collaboration.



2.0 Eligibility Criteria for System Integrator (SI):

The Applicant / bidder should meet the following technical and eligibility criteria:

- a) The bidder should be an Indian Registered Company under Companies Act 1956 or 2013/ Proprietorship /Partnership Firm. Copy of Certificate of Incorporation/ Registration/ Partnership Deed or any other relevant document, as applicable, should be submitted along with a copy of address proof.
- b) SI should be in system integration business for last 5 years.
- c) The bidder should be valid tie-up with various OEMs for the equipment/ service to be provided or its authorized distributorship of such OEMs for the equipment/ product/ service involved in Data Center Infrastructure work and Surveillance & Integrated Command Control Center work.
- d) The bidders should submit copy of at least one order from Govt./PSU in last 3 (Three) years ending upto 31-03-2024 for the work mentioned in technical criteria as per clause no. 2.1. Value of work should not be less than 50 Lakhs.
- e) **The System Integrator (SI) should have: -**
 - I. Average annual financial turnover of INR 10 Crore during the last 3 years, up to 31st March 2024. The SI should submit balance sheet certified by Chartered Accountant.
 - II. Positive Net worth upto 31st March 2024.
 - III. Should be in profit before tax (PBT) in two financial years out of last three financial years.
- f) The SI should have experience in the field of works mentioned in clause no. 2.1.1 of Technical Criteria in last 5 years i.e. up to 31.03.2024 with cumulative value work of Rs.40 Crore (Rupees Forty Crore) confirmed through a Purchase / Work Order from a Central /State Govt. Organizations, Central / State PSUs, Autonomous Bodies, any Govt. entities.
- g) SI should have experience of Supply, Installation, Testing, Commissioning, and Support & Maintenance in at least one or more of the following areas and marks allocated for the same for the evaluation shall be as under.

Note: Documentary proof is required for the all above mentioned points of eligibility criteria and documents must be in order with proper flag.



2.1 Technical Criteria

At least one (1) area should be cover in main area and sub area groups i.e. it is essential for technical eligibility of bidders to choose atleast one from main area and one from sub area group. Bidders are advised to submit at least one work /purchase order for completed or on-going project for main area as well as sub area.

2.1.1 The applicant shall be a System Integrators (SIs) for assigned work in future mentioned in clause 1.0 Background of Infrastructure work, having core competency in the following areas, which are confirmed through a Purchase / Work Order from a Central /State Govt. Organizations, Central / State PSUs, Autonomous Bodies, any Govt. entities.

S. No	Technical Requirements under Area of Services
	Main Areas
A.	Datacentre Infrastructure Management (DCIM)
1.	SITC of Data Centre Infrastructure Management (DCIM) Tier I/ II/ III / IV
2.	SITC of DC/DR on Cloud hosting / On Premises Solution / Application Hosting
3.	SITC of DC Built up services (Civil & IT) / Multi-layer Observation Center / ICCC Setup
4.	SITC of Deployment of Rack /Power / Cooling Solution for DC/ ICCC Project
5.	SITC of Cyber security Infrastructure comprising of NGFW,IPS ,IDS ,WAF
B.	Surveillance & Integrated Command Control Center
1.	SITC of CCTV Day & Night IP Cameras/ Thermal Cameras/ Surveillance System having minimum of 300 IP Cameras in One Single Project.
2.	SITC of Integrated Command and Control System with Fire Detection & Suppression, Access Control , PA System in One Single Project
3.	SITC of Long Range RFID with Access Control System Boom Barrier & Bollards
4.	SITC of Intelligent Traffic Management System/ Vehicle Tracking System/ ANPR System
5.	SITC of Minimum of 100 Nodes of Video Analytics on Cameras or Server in One Single Project
	Sub Areas
A.	Network & Communication Infrastructure
1.	SITC of NOC / SOC establishment as a services/ Multi-location Observation and Control System spanning multiple Geographical areas
2.	SITC of Firewall DDOS / Core Switch / Industrial Grade IP Switch solution implementation in One Single Project
3.	SITC of Telecom / Microwave Antenna / RRU / BTS / Fibre Optic Equipment / Last Mile Connectivity /P2P / Internet
4.	SITC of Fibre Optic Cable Network / Multimode / Single-Mode/ Long & Short-haul Transmission Network
5.	SITC of Network Management System (NMS) / LAN / MAN / WAN / Campus / Virtual / CDN/ Infra-monitoring/ SaaS.
B.	Server, Storage & Network Administration
1.	SITC of Server / Storage / KVM / Hyper-V / VMware / NTP.
2.	SITC of Database Administration & Monitoring
3.	SITC Data Backup Storage Solution NAS / SAN.
4.	SITC of VAPT / WAF and Load Balancer / Internet Security / Vulnerability Services.
5.	SITC of Backup Power Solution including UPS / DG / Solar System
C.	Smart Fencing Solutions & Communication Tower
1.	SITC of CCTV/ HRC / Thermal / Day-Light Cameras/ CMOS/ CCD IP Box and PTZ Cameras with IR Illumination
2.	SITC of Command & Control Room Solution (Civil / MEP)
3.	SITC of Automatic Number Plate Recognition (ANPR) solution
4.	SITC of Under / Above Ground Sensor / Laser Fence/ Virtual Fence /Wireless Sensor/ Video Analytics based on IP CCTV
5.	SITC of Perimeter Intrusion Detection System (PIDS) Copper / Wireless / Fibre Optical Sensor / Aerostat.
D.	Powerful Visualisation and Communication
1.	SITC of Video Management and Recording System
2.	SITC of Integrated Command & Control Centre /Video Wall & Operator Workstation
3.	SITC of Audio Video & Broadcast Studio Solutions/ Intelligent PA System / Conferencing Solutions.
4.	SITC of Building Management System (BMS) / Internet of Things (IoT)
5.	SITC of VoIP/ IP Telephony/ PBX / Emergency Communication Gateway

- 2.1.2 Applicant must be a single entity registered in India. Joint Venture / Consortium are not allowed.
- 2.1.3 Applicant must submit a Power of Attorney / Letter of Authorization in the name of the authorized signatory issued from head of the organization to submit and sign the all the documents required in this applications.
- 2.1.4 Strong Technical Team: The technical team of Associates will assist EPI in coming out with the cost-effective solution for the customers and will be required to give joint presentation with EPI to customers. (Copy of the CVs of Key persons to be attached along with).
- 2.1.5 SI should have 5 years' experience of Supply, Installation, Testing & Commissioning and Support & Maintenance in Datacentre Infrastructure Management or Surveillance & Communication Infrastructure or both of the Main areas mentioned above at Clause no. 2.1. However, the expertise in the sub areas is mandatory for atleast one group from main area groups. They can choose atleast one (1) out of four (4) from sub areas. Bidder have the choice to bid either one or both. In case, bidder wants to participate in both the areas, then separate application to be made for each of the areas.

Note: Applicant shall submit copies of relevant work experience certificates, mentioned above along with respective work orders issued by its clients.

- 2.1.6 Applicant should hold following certifications:
 - i) ISO 9001-2015 Quality Management or above
 - ii) ISO 27001:2013 for ISMS or above
- 2.1.7 Applicant should not have been blacklisted/ debarred by any Foreign / Indian Government /Semi-Govt./ PSU/State Govt. Organization in India during last 03 years. An undertaking in this regard shall be submitted by the applicant on stamp paper of Rs.100 (duly notarized).
- 2.1.8 Applicant must not be under Bankruptcy, liquidation, court receivership or similar proceedings like Bidder already in NCLT & RP has been appointed. Applicant shall submit (also for its authorized partner, if any) a certificate issued by Statutory Auditor/ Chartered Accountant/ CFO / CEO / MD of the company in this regard.
- 2.1.9 Applicant shall also submit its company profile and presentation with the application. EPI may invite applicant for the presentation, if required.
- 2.1.10 Applicant shall submit an undertaking that all the documents submitted by bidder in this application are true and genuine. In case, any fake/false/fabricated document is found at any stage, EPI reserves the right to blacklist/debar the bidder from participating in all future tenders/Application etc. for next two years in EPI. Decision in this regard shall be at the sole discretion of EPI.
- 2.1.11 The selected applicant may be required to submit proportionate bid security/performance security/ performance bank guarantee and/or any other bank guarantee from banks in India as per client's tender conditions to EPI / Clients wherever required for their scope of work. The same shall be released by EPI to party after the release of corresponding bank guarantees by client to EPI.

2.2 Financial Criteria

- 2.2.1 Applicant should be a profit making company & should not have incurred losses in more than two years during last 3 financial years ending upto 31.03.2024. The Applicant shall submit audited financial statements for last 3 years accordingly. The Applicant should provide copies of audited Balance sheet and Profit/loss account to establish their turnover from operations and profitability. The same shall be submitted for its authorized partner, if any, by the applicant.



- 2.2.2 Applicant should have a positive net worth upto 31.03.2024. A certificate from Chartered Accountant or Statutory Auditor shall be submitted by the Applicant. The same shall be submitted for its authorized partner, if any, by the applicant.
- 2.2.3 The average annual turnover of the Applicant should not be less than INR 10 Crs. in the preceding three financial years starting from period ending upto 31.03.2024.
- 2.2.4 The signed & stamped copies of PAN and GSTN.

3.0 Evaluation of System Integrators (SIs) Applications:

- 3.1 Expression of Interest will be based on the eligibility criteria mentioned in this application, nature of business, financial, technical & organizational Strength. EPIL may invite applicants for giving their detailed Presentation and technical capabilities. The applications submitted, shall be evaluated by the Evaluation Committee of EPI. The said Committee will examine the all submitted documents to determine whether they are complete, whether the documents have been properly signed, stamped and whether the submitted documents are generally in order.
- 3.2 The selection process shall be solely based on the eligibility criteria as laid down in this application document. To facilitate evaluation of documents, EPI may, at its sole discretion, seek clarifications in writing/email from any Applicant regarding their submitted documents and its cross verifications.
- 3.3 The Evaluation Committee of EPI will determine the substantial responsiveness and technical eligibility of each submitted documents. A substantially responsive submitted documents is one, which meets the technical eligibility criteria and conforms to all the terms and conditions of the application. The applicant shall be considered as technically qualified only upon the completion of verification process.
- 3.4 If bid is not substantially responsive, it will be rejected by the Evaluation Committee of EPI.

4.0 Engagement Terms for System Integrators (SIs) with EPI:

- 4.1 It is a non-Exclusive agreement.
- 4.2 After engagement, MOU will be signed with selected applicants indicating the detailed terms and conditions of agreement under which EPI & engaged applicants will jointly involve in marketing activities as a team and provide support to EPI in Evaluation of BID requirement, preparation of RFP, Deliverables to customers, DPR etc. The SIs shall deliver all project related works pertaining to Civil, Mechanical, Electrical, Plumbing, Infrastructural work etc. as per the requirement of ICT works.
- 4.3 EPI will engage with selected applicant for end customer requirements and do the fulfilment accordingly. The short-listed applicants need to sign a MoU with EPI.
- 4.4 EPI and selected applicants (either one or more) will jointly address the requirements of the customer along with any other service.
- 4.5 The technical team of selected applicant will assist EPI in coming out with the cost effective solution for the customers and will be required to give joint presentation to customers.
- 4.6 Refer Section 5.0 for evaluation parameters.

5.0 Evaluation Criteria for Expression of Interest of System Integrator (SI) for Information & Communication Technology (ICT) Infrastructure work. (Details enclosed at Annexure-III)

S. No.	Item	Marks
1.	All asked Company Documents, Certificates and undertakings as per clause mentioned “ ELIGIBILITY CRITERIA ” at Clause No.2.0	Min Marks =20 Max Marks =20 Marks below “in Marks “will stand Disqualified.
2.	Technical Criteria as mentioned as per clause mentioned at 2.1.1 in each areas.	Min Marks =10 Max Marks =20 Marks below “in Marks “will stand Disqualified.
3.	Financial Criteria as mentioned Clause 2.2	Min Marks = 30 Max Marks = 30
4.	Presentation /Demo to be given.	Min Marks =20 Max Marks =30 Marks below“ Min Marks” will stand Disqualified.
5.	Minimum Qualifying Marks for Empanel of System Integrators (SIs) for ICT Infrastructure Project India & Overseas	80 Marks (Eighty out of Max. Number i.e.100 Marks)

6.0 Scope of Services:

- The Selected SI shall provide 24x7 help centre, either web based or call based.
- The SI shall support SLA requirements of EPI customers and ensure its compliance.
- Validity of the agreement to be signed between EPI and selected applicant shall be minimum of three years, i.e., the agreement shall be signed between both parties.

7.0 Duration of MoU:

The MoU shall be valid for a period of Three (3) years from the date of signing of MoU unless revoked earlier. At the end of three years’ MoU period, the same can be extended on yearly basis on mutually agreed terms and conditions by EPI and System Integrator (SI).

8.0 General

- EPI reserves the right to accept or reject any or all applications or annul this process without assigning any reason and liability whatsoever and to re-invite applications at its sole discretion.
- EPI reserves the right to modify the criteria, offer relaxation and take its own decision if so required.
- Applicant will be asked to submit its acceptance for signing of MoU within 15 (fifteen) days after the short listing by EPI. If the Applicant fails to comply with the stipulated time period unless any period is relaxed by EPI for compelling and genuine reasons; the decision of EPI in such case would be absolute & final.
- EPI reserves the right to select more than one Applicant for signing of MoU. Proposed draft MoU to be signed by EPI and the selected Applicant(s) is also enclosed at **Annexure-II**.



- 8.5 All future communication/additional information/corrigendum/addendum/extension with respect to this application shall be notified through websites www.epi.gov.in and <https://eprocure.gov.in/epublish/app> which should be checked regularly.
- 8.6 All activities like Proof of concept/ demo on “No Cost No Commitment” (NCNC) basis wherever applicable will be the responsibilities of SI/ bidders. They should be willing to impart required training for deployed solution to concerned officials of EPIL/ Client and should sign Non-Disclosure Agreement to maintain Confidentiality of the project/ assignment.
- 8.7 The applicant fulfilling the above requirements and willing to associate with EPI as per terms and conditions given above and in MoU shall submit their application for Expression of Interest of system Integrator in sealed envelope superscripted with name of SI & category with all prescribed supporting documents / undertakings mentioned. application not later than xx.xx.2024 upto 15:00 Hrs (IST) on below mentioned address:

For any queries please contact:

Shri Rajeev Kumar Pandey
Addl. General Manager (IT)
Engineering Projects (India) Limited
4th Floor, Core-3, SCOPE Complex, 7,
Lodhi Road, New Delhi – 110003, India
Tel: 011-24361666, Extn: 2435, Fax: 011-24363426,
Email Id: rajeev@epi.gov.in

9.0 Acceptance Tests – PAT and FAT

- Bidder will be responsible to acknowledge the readiness for PAT & FAT inspection
- Bidder will provide the Test case document for PAT and support the department for conducting PAT process successfully.
- Bidder will be responsible to resolution of observations recorded under PAT inspection and after the resolution of all observations acknowledge about the re-inspection for FAT process.

10.0 Operation & Maintenance with Comprehensive AMC & FMS:

- The Scope of Work (SoW) for the bidder to be appointed through this selection procedure under the operation and facility management work is includes the following but not limited to:
- Five years on-site comprehensive maintenance and provisioning of services of all the IT & Non-IT Infrastructure including all the components after successful execution and acceptance by Client.
- Annual Maintenance of complete ICT Infrastructure equipment for entire contract period
- Annual Maintenance of complete Non-IT devices for entire contract period
- Service Level Adherence
- Periodic Health Audit
- Onsite support for Data Centre Operations on 24x7x365 basis by qualified and trained engineers /professionals for a period of five years to ensure more than 99.50% service availability
- Documents mentioned in check list enclosed at **Annexure-IV**, shall be mandatorily submitted by all applicants for Expression of Interest of system integrator.

ABBREVIATIONS

KEYWORD	STAND FOR
ANPR	AUTOMATIC NUMBER PLATE RECOGNITION
AMC	ANNUAL MAINTINANCE CONTRACT
BMS	BUILDING MANAGEMENT SYSTEM
BTS	BASE TRANCIVIER STATION
CCTV	CLOSED CIRCUIT TELEVISION
CMOS	COMPLEMENTARY METAL OXIDE SEMICONDUCTOR
CCD	CHARGED COUPLED DEVICE
DCIM	DATA CENTER INFRASTRUCTURE MANAGEMENT
DC DR	DATA CENTER DISASTER RECOVERY
DDoS	DISTRIBUTED DENIAL-OF-SERVICE
DPR	DETAIL PROJECT REPORT
EOI	EXPRESSION OF INTREST
EPI	ENGINEERING PROJECTS INDIA LTD.
FAT	FACTORY ACCEPTANCE TESTING
FMS	FACILITYS MANAGEMENT SERVICE
GIS	GEOGRAPHICAL INFORMATION SYSTEM
HRC	HIGH RESOLUTIONS CAMERA
ICCC	INTEGRATED COMMAND & CONTROL CENTER
IPS	INTRUSION PREVENTION SYSTEM
IDS	INTRUSION DETECTION SYSTEM
IDPS	INTRUSION DETECTION AND PREVENTION SYSTEM
IR	INFRARED RADIATION
ITMS	INTELLIGENT TRAFFIC MANAGEMENT SYSTEM
ICT	INFORMATION COMMUNICATION TECHNOLOGY
IP	INTERNET PROTOCOL
KVM	KERNAL BASED VIRTUAL MACHINE
LAN	LOCAL AREA NETWORK
MEP	MECHANICAL ELECTRICAL PLUMBING
MOU	MEMORANDUM OF UNDERSTANDING



MAN	METRO POLITIAN AREA NETWORK
NOC	NETWORK OPERATION CENTER
NGFW	NEXT GENERATION FIREWALL
NAS	NETWORK ATTACHED STORAGE
NCNC	NO COST NO COMMITMENT
NTP	NETWORK TIME PROTOCOL
OEM	ORIGINAL EQUIPMENT MANUFACTURER
PIDS	PERIMETER INTRUSION DETECTION SYSTEM
PTZ	PAN-TILT-ZOOM
PAT	PORTABLE APPLIANCE TESTING
P2P	POINT TO POINT
PA	PORTABLE AUDIO
RRU	RADIO REMOTE UNIT
RFID	RADIO FREQUENCY IDENTIFICATION
RFP	REQUEST FOR PROPOSAL
SITC	SUPPLY INSTALLATION TESTING & COMMISSIONING
SAN	STORAGE AREA NETWORK
SI	SYSTEM INTEGRATOR
SOC	SECURITY OPERATION CENTER
SOW	SCOPE OF WORK
SLA	SERVICE LEVEL AGREEMENT
UPS	UNINTRUPTED POWER SUPPLY
VAPT	VULNERABILITY ASSESSMENT AND PENETRATION TESTING.
VOIP	VOICE OVER INTERNET PROTOCOL
WAF	WEB APPLICATION FIREWALL
WAN	WIDE AREA NETWORK



Annexure-II

Draft

**MEMORANDUM OF UNDERSTANDING
BETWEEN
ENGINEERING PROJECTS (INDIA) LTD., NEW DELHI
AND
[Company Name]**

This Memorandum of Understanding (herein after referred to as 'MOU') entered into the day of, 2024 at New Delhi by and between:

Engineering Projects (India) Ltd.(EPI), a Government of India Enterprise, having its Corporate Office at Core-3, Scope Complex, 7 Lodhi Road, New Delhi 110003, herein after referred to as, "The First Party" (this expression includes its successors, executors and permitted assigns).

And

M/s....., having its office at Address....., hereinafter referred to as, "The Second Party" (this expression includes its successors, executors and permitted assigns).

The **First Party** is a Government of India Enterprise providing Consultancy, Design and executing multidisciplinary projects on turnkey basis and the **Second Party** is engaged as a System Integrator in planning, design, supply, implementation, testing, commissioning & maintenance for Information & Communication Technology (ICT) Infrastructure work.

Whereas Second Party has been shortlisted after inviting application and shown their interest and capability to provide consultancy work for Information & Communication Technology Infrastructure related projects.

First Party & Second Party are collectively referred as **Parties** and individually as **Party**.

WHEREAS both the Parties intend to synergise their efforts by pooling their expertise and resources for taking up works for various integrated projects in India to further strengthen their business interests, hereinafter referred to as 'Projects'. The First Party and the Second Party hereby mutually agree as under:

1. Both Parties agree to work jointly to identify the projects of common interest in India.
2. The Projects could be identified by either of the parties and they could approach each other for exclusive co-operation for bidding.
3. The co-operation for execution of agreed and identified projects shall be based on mutual benefit of the parties. Inclusion and participation of another agency into the joint venture / consortium etc. as the case may be, shall be decided by the First Party.
4. Prior to bidding for a particular accepted agreed project, the parties with mutual consent shall enter into a Joint Bidding Agreement detailing each party's obligations and responsibilities for execution of the project, including allocation of scope of work in the project and the parties' respective obligations in the related bidding costs and expenses.
5. This MOU does not limit both parties from collaborating or entering into agreements with any other party for any other project in the similar fields.

6. CONFIDENTIALITY

Throughout the term of this MOU and for a period of one year after its termination or expiry, the Parties shall maintain strict confidentiality of the information / data of either Party that is disclosed to the other Party in writing and shall not disclose such confidential information / data to any third party without the prior written consent of the other Party. The parties hereby agree to take all reasonable precautions including the establishment of appropriate procedures and discipline to safeguard the confidentiality of such information, and not to use them for its own or another's advantage except for purposes/ objectives of this MOU during and after the tenure hereof.



7. COMMENCEMENT, DURATION AND TERMINATION OF MOU

- 7.1 This MOU shall be valid for a period of 3 (three) year commencing from the date of execution of MOU (first above written) and can be further extended by mutual consent of the parties in writing.
- 7.2 Either party may terminate this MOU by giving a notice of 30 (Thirty) days to the other party without any compensation, provided that both the parties shall honour the pending commitment(s) as on the date of such Notice of Termination.
- 7.3 If any of the Parties is declared insolvent by a court of competent jurisdiction or if either Party undergoes any winding up either voluntarily or under court proceedings, this MOU will stand terminated with immediate effect.

8. GOVERNING LAW AND DISPUTE RESOLUTION

This MOU shall be governed under Indian laws.

All disputes between the First Party and Second Party in connection with and /or arising out of the terms of this MOU shall be mutually resolved by amicable negotiations and conciliation by the Parties.

Only if amicable settlement is not possible, then, in the event of any dispute of difference relating to the interpretation and application of the provisions of the contract, such dispute or difference shall be referred by either party to the arbitration of one of the arbitrators in the Department of Public Enterprises to be nominated by the Secretary to the Government of India, In-charge of the department of Public Enterprises. The Arbitration Act, 1996 shall not be applicable to the arbitration under this clause. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law & Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary / Additional Secretary when so authorized by the Law Secretary, whose decision shall bind the Parties finally and conclusively. The Parties in the Dispute will share equally the cost of arbitration as intimated by the Arbitrator.

The language of the arbitration shall be English. The venue of the arbitration proceedings will be New Delhi.

9. INDEMNIFICATION

Each Party shall indemnify and hold harmless the other party from all costs, claims, actions, expenses incurred by or imposed upon the other party as a result of or in connection with Party's failure, breach, and default in maintaining strict confidentiality. The Parties waive their rights of recourse to one another regarding damages to property caused by third party.

This Memorandum of Understanding (MOU) is signed in duplicate with each party receiving one original document.

For and on behalf of

Engineering Projects (India) Ltd.

For and on behalf of

M/s.....

Name :

Position :

Witnesses:

Position : Authorized Signatory



Annexure-III

Evaluation Criteria for Expression of Interest of System Integrator (SI) for Information Communication & Technology (ICT) Infrastructure work.

Part A: ELIGIBILITY CRITERIA (Clause 2.0)

Sr. No.	Minimum Requirements	Documents to be submitted	Min Marks=20 Max Marks=20 <i>Marks below "in Marks "will stand Disqualified.</i>
(i)	The bidder should be an Indian Registered Company under Companies Act 1956 or 2013/ Proprietorship /Partnership Firm. Copy of Certificate of Incorporation/ Registration/ Partnership Deed or any other relevant document, as applicable, should be submitted along with a copy of address proof.	Copy of Certificate of Incorporation/ registration certificate of the company with UIDN No.	5 Marks
(ii)	SI should be in system integration business for at least 5 years.	Copy of proof required.	5 Marks
(iii)	The bidder should be valid tie-up with various OEMs for the equipment/ service to be provided or its authorized distributorship of such OEMs for the equipment/ product/ service involved in Data Center Infrastructure work and Surveillance & Integrated Command Control Center work. Certification in support of owning the product or equipment or authorization of distributors should be submitted along with the bid. Authorized distributor should submit distribution tie-up certificate with manufacturer authorization certificate.	Copy of proof required.	5 Marks
(iv)	The bidders should submit copy of at least one order from Govt./ PSU in last 3 (Three) years ending upto 31-03-2024 for the work mentioned in technical criteria as per clause no. 2.1. Value of work should not be less than 50 Lakhs.		5 Marks
(v)	The bidder firm must have no criminal/ economic fraud case is pending or contemplated against the organization in any country.	Undertaking on firm's letter head to be submitted by the bidder.	Mandatory
(vi)	The bidder firm must not have been blacklisted / debarred Indian Government /Semi-Govt./ Public Sector Undertaking / any Government Organization anywhere in the world.	Undertaking on firm's letter head to be submitted by the bidder.	Mandatory



Part B: Technical Criteria as mentioned as per clause mentioned at 2.1.1 in each areas.

Sr. No.	Minimum Requirements	Documents to be submitted	Min Marks=10 Max Marks=20 <i>Marks below "in Marks "will stand Disqualified.</i>
Main Area (At least one (1) to be chosen by the applicant/ bidder)			
(i)	Datacentre Infrastructure Management (DCIM)	Copy of work order to be enclosed	5 Marks
(ii)	Surveillance & Integrated Command Control Center (S & ICCC)	Copy of work order to be enclosed	5 Marks
Sub Area (At least one (1) to be chosen by the applicant/ bidder)			
(iii)	Network & Communication Infrastructure	Copy of work order to be enclosed	5 Marks
(iv)	Server, Storage & Network Administration	Copy of work order to be enclosed	5 Marks
(v)	Smart Fencing Solutions & Communication Tower	Copy of work order to be enclosed	5 Marks
(vi)	Powerful Visualisation and Communication	Copy of work order to be enclosed	5 Marks

Note: From Sr. No. (iii) to (vi), marks will be given only for maximum three (3) sub areas.

Part C: Financial Criteria as mentioned Clause 2.2 (Max Marks = 30)

S. No.	Minimum Requirements	Documents to be submitted	Max Score
(i)	Applicant should be a profit making company & should not have incurred losses in more than two years during last 3 financial years ending on 31.03.2024. The Applicant shall submit audited financial statements for last 3 years accordingly. The Applicant should provide copies of audited Balance sheet and Profit/loss account to establish their turnover from operations and profitability. The same shall be submitted for its authorized partner, if any, by the applicant.	Audited Financial Statements for last three financial years ending upto 31.03.2024 duly certified by a Chartered Accountant having UDIN.	10 Marks
(ii)	Applicant should have a positive net worth as on 31.03.2024. A certificate from Chartered Accountant or Statutory Auditor shall be submitted by the Applicant. The same shall be submitted for its authorized partner, if any, by the applicant.	Audited Financial Statements for last three financial years ending upto 31.03.2024 duly certified by a Chartered Accountant.	10 Marks
(iii)	The average annual turnover of the Applicant should not be less than INR 10 Crore in the preceding three financial years starting from period ending 31.03.2024.	Audited Financial Statements for last three financial years ending upto 31.03.2024 duly certified by a Chartered Accountant.	10 Marks
(iv)	The copies of PAN and GSTN.	Signed and stamped copies of all documents	Mandatory

Part D: Presentation /Demo to be given by the bidder (Max Marks = 30)

The bidders scoring minimum 60 marks in above Part A, B and C shall be invited to make presentation/demo to EPI officials to demonstrate their technical and financial capabilities. The maximum score for making the presentation is 25 marks. The score will be provided based on bidders' potential to execute ICT Infrastructure Project in future, based on depth of their experience, expertise of technical manpower etc.

Short listing of technically qualified bidder will be based on the minimum 80 marks in aggregate obtained in Part A, Part B , Part C & Part D shall be qualify for "Expression of Interest of System Integrator(s) (SIs)". However, EPI reserves the right to select any one bidder or multiple bidders for association depending upon their credentials/competencies/project requirements/prevaling market condition, etc.



Annexure-IV

Checklist

Eligibility Criteria for System Integrator (SI):

The Applicant / bidder should submit the following documents:

1. Copy of Certificate of Incorporation/ Registration/ Partnership Deed or any other relevant document, as applicable, should be submitted along with a copy of address proof. **Copy of Proof to be submitted.**
2. SI should be in system integration business for last 5 years, **Copy of Proof to be submitted.**
3. The bidder should be valid tie-up with various OEMs for the equipment/ service to be provided or its authorized distributorship of such OEMs for the equipment/ product/ service involved in Data Center Infrastructure work and Surveillance & Integrated Command Control Center work. **Copy of Proof to be submitted.**
4. The bidders should submit copy of at least one order from Govt./PSU in last 3 (Three) years ending upto 31-03-2024 for the work mentioned in technical criteria as per clause no. 2.1. Value of work should not be less than 50 Lakhs. **Copy of Proof to be submitted.**
5. **The System Integrator (SI) should have: -**
 6. Average annual financial turnover of INR 10 Crore during the last 3 years, up to 31st March 2024. The SI should submit balance sheet certified by Chartered Accountant with valid UDIN No. **Copy of Proof to be submitted for following points also.**
 - I. Positive Net worth upto 31st March 2024.
 - II. Should be in profit before tax (PBT) in two financial years out of last three financial years.
 7. The SI should have experience in the field of works mentioned in clause no. 2.1.1 of Technical Criteria in last 3 years i.e. up to 31.03.2024 with cumulative value work of Rs.40 Crore (Rupees Forty Crore) confirmed through a Purchase / Work Order from a Central /State Govt. Organizations, Central / State PSUs, Autonomous Bodies, any Govt. entities. **Copy of Proof to be submitted.**
 8. SI should have experience of Supply, Installation, Testing, Commissioning, and Support & Maintenance in at least one or more. **Copy of Proof to be submitted.**
 9. PAN & GSTIN, **Copy of Proof to be submitted.**
 10. Experience for completed jobs. **Copy of Proof to be submitted.**
