



Mizoram State E-Governance Society
(A Society under the Govt. of Mizoram)
Regn. No. SR/MZ-89 of 2005-06

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No.G.28014/1/2016-MSeGS

Dated Aizawl, the 23rd June 2017

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

The Mizoram State e-Governance Society (MSeGS), an autonomous Society under Government of Mizoram invites Expression of Interest (EOI) from reputed firms for implementation of aerial optical fiber grid leveraging existing electrical poles to establish Gigabit Passive Optical Network (GPON) infrastructure in the state capital of Mizoram. The EOI document containing relevant details including broad scope of the work, clear set of requirements, pre-qualification and evaluation/qualification criteria can be downloaded at <https://tender.mizoram.gov.in>

The last date for submission of Expression of Interest is **20th July at 2:30 pm** and will be opened on the same day at **3:00 PM**.

Sd/-Dr. LALTHLAMUANA
Chief Executive Officer
Mizoram State e-Governance Society

No.D.11016/23/2016-MSeGS

Dated Aizawl, 23rd June, 2017

Copy to:-

1. PPS to Chief Secretary, Govt. of Mizoram /Chairman, Board of Governors, MSEGs.
2. PPS to Secretary, Department of ICT, Govt. of Mizoram /Vice Chairman, Board of Governors, MSEGs.
3. The Director, I & PR Department, Mizoram, Aizawl for information. He is requested to kindly take necessary action for publication for one issue each in 3 (three) Leading Local Newspapers and 1 (one) National paper as per short form attached.
4. Web Information Manager, Department of ICT for favour of information & necessary action.
5. Office Notice Board.


(Dr. LALTHLAMUANA)
Chief Executive Officer
Mizoram State e-Governance Society

NOTICE INVITING EXPRESSION OF INTEREST

FOR

**IMPLEMENTATION OF AERIAL OPTICAL FIBER GRID LEVERAGING
THE EXISTING ELECTRICAL POLES TO ESTABLISH GIGABIT PASSIVE
OPTICAL NETWORK (GPON) INFRASTRUCTURE IN THE STATE
CAPITAL OF MIZORAM**



Mizoram State e-Governance Society (MSeGS)

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<https://msegs.mizoram.gov.in>

NOTICE INVITING EXPRESSION OF INTEREST

File No.: G.28014/1/2016-MSeGS

Dated: 23.06.2017

S. No	Particulars	Date
1.	Issuance of EOI document	23.06.2017 (Friday)
2.	Last date for submission of queries	10.07.2017 (Monday)
3.	Pre-Bid Conference	13.07.2017 (Thursday) @ 3:00 pm
4.	Issue of Corrigendum	14.07.2017 (Friday)
6.	Last date and time for Submission of Bid Document	20.07.2017 @ 2:30 pm (Thursday)
7.	Date and time of opening of Bid document	20.07.2017@ 3:00 pm (Thursday)
8.	Evaluation of Bid document and shortlisted Bidder	21.07.2017 (Friday)

NOTICE INVITING EXPRESSION OF INTEREST

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NOTICE INVITING EXPRESSION OF INTEREST

1. Advertisement for Expression of Interest

The Mizoram State e-Governance Society (MSeGS) invites expression of interest from reputed firms for implementation of aerial optical fiber grid leveraging the existing electrical poles to establish Gigabit Passive Optical Network (GPON) infrastructure in the state capital of Mizoram. The EOI document containing relevant details including broad scope of the work, clear set of requirements, pre-qualification and evaluation/qualification criteria can be downloaded at <https://tender.mizoram.gov.in>.

The last date for submission of expression of interest is 20th July, 2017 at 2:30 pm and will be opened on the same day at 3:00 pm.

2. Invitation for Expression of Interest

The MSeGS invites EOIs from reputed companies or firms (hereafter referred as 'System Integrator') to execute the e-Governance Project called 'Gigabit Passive Optical Network (GPON) infrastructure in the state capital of Mizoram' initiated by the Government of Mizoram, Department of Information and Communication Technology.

The project information and the broad scope of work is detailed below in section 3 and 5. It may be noted that this information is indicative only. The actual Scope of work will be available in the Request for Proposal (RFP) document which will be issued shortly, to the eligible/short-listed bidder selected through this EOI.

3. Introduction to the Project

In line with New Economic Development Policy (NEDP) of the Government of Mizoram, it is proposed to use ICT as tools for delivery of Government's services to the common people through public service delivery outlets near their locality with minimum procedural formalities thereby improving economics development in the State of Mizoram. This project is to radically improve the way Government department work and provides online services to citizens and automates the complete workflow and internal processes of Government administration with the possibility of seamless Internet backbone connection to various departments to enable to delivery services effectively and efficiently. The existing infrastructure like Common Service

Centres (CSCs) and Rural Information Kiosks (RIKs) will be leveraged as public service delivery outlets for the citizens. The project aims to increase transparency in the delivery system and improve processing time of applications in government administration for providing services to the citizens. The reliability of Internet connection in the Government departments will ensure fast processing of public cases/appeals/grievances dissemination of information within the defined service levels.

Some of the objectives of the project are:

- (a) To provide Internet/Intranet connection to all Government offices located in the state headquarters for efficient and effective delivery of Government's services to the Citizens.
- (b) To establish good communication infrastructure facilities in all Government Offices based on open standards, scalable with high speed data, video and voice network.
- (c) To establish reliable tele-conferencing facilities in the office of Governor, Chief Minister, Ministers, Secretaries, Head of Departments and other important location.
- (d) To enable all the departments a responsive government for quick disposal of grievances or applications. This will minimize waiting time and cost for the citizen to obtain various services from the state government.
- (e) To empower Government's employees with high speed Internet connectivity for better governance and provide better delivery services to the citizen.

4. Broad Scope of Work

4.1. Summary

- (a) Setting up a State Capital-wide high speed, optical fiber infrastructure leveraging the existing assets of the electricity transmission/distribution poles such as electric poles/substation etc.
- (b) Establishing a scalable infrastructure and network with a business model of Infrastructure as a service (IAAS) and Platform as a service (PAAS) on a non-discriminatory basis to ISPs, TSPs, MSOs and content

providers etc with their services being extended to last mile users and further utilizing the existing LCO network wherever available.

- (c) Operating and maintaining the entire network infrastructure under the guidance / control of the Authority for a period of 1 year from the date of operation and acceptance after completion of all the works.

(The route map and network design / architecture may be proposed by the Bidder in consultation with MSeGS and the brief network route/design have been included in this tender document)

- (d) The Bidder need to propose a solution that meets the objectives and the bidder is also allowed to improvise the architecture and other components of the solution so that the project meets its objectives.

4.2. Project Stakeholder

Identification of stakeholders and description of their roles and responsibilities are

SNo	Stakeholders	Roles and Responsibilities
1	Planning & Programme Implementation Department, Government of Mizoram	<ul style="list-style-type: none"> – Provide policy level guidance to the Department for implementation of the project. – Review, validate and approve the proposal submitted by the Department. – Provide Technical & Financial assistance for implementation of project in the State. – Facilitate the sharing of the best-practices and learning for successful implementation of the project across the state.
2	Department of Information and Communication Technology, Government of Mizoram	<ul style="list-style-type: none"> – Set up a State Project Committee to manage the project implementation, identifying a Nodal Officer to represent the Department for communication with Planning & Programme Implementation Department and for receiving the Technical & Financial Assistance

SNo Stakeholders	Roles and Responsibilities
	<ul style="list-style-type: none"> – To enter into necessary MoUs/Agreements with Planning & Programme Implementation Department other agencies/service providers for funding etc. – Provide Financial Support as required for the project. – Detail out implementation strategies, with necessary support from Planning Department. – Coordinate and facilitate interactions between the MSeGS, and State Government Departments. – Facilitate selection of Network equipment with necessary support
3 State Project Committee	<ul style="list-style-type: none"> – Review and approve Project report prepared by PMU – Facilitate interactions with the field-staff for discussions with PMU. – Monitoring and management of project. – Decision making support for policy, regulatory and other relevant changes and on issues relating to the Project. – Decide the implementation mode (through RFP, closed bidding or nomination) for PMU and Network Operator.
4 Project Management Unit	<ul style="list-style-type: none"> – The PMU will design an efficient and effective end to end solution for the entire network solution. – Prepare the Functional & Non-Functional Requirements and review the System Requirement Specification (SRS) and Network Design Documents (NDD) for the

SNo	Stakeholders	Roles and Responsibilities
		<p>Project.</p> <ul style="list-style-type: none"> – Prepare the Capacity Building, Change Management & Training plans, identify the legal changes required and assist in drafting and issuance of Government Orders. – Supervise the Go-Live of the projects. – Design the post implementation guidelines for Operation and Maintenance phase. – Project Management and Monitoring with status update and progress tracking.
5	Mizoram State e-Governance Society	<ul style="list-style-type: none"> – Appointment of the PMU and Network Operator – Procurement and Implement the Hardware/Network Infrastructure of the project – Up keeping of the Network Infrastructure – Work as the Project Management Unit (PMU) when the project gets over.
6	Participating Department(s)	<ul style="list-style-type: none"> – Provide necessary assistant to the implementing agency in respect of the project – Provide dedicated room for installation of network equipment. – Assist in building up a sustainable model for the services
7	Citizen/Business	<ul style="list-style-type: none"> – To convey information about the user-friendliness, security and ease of the new system. – To make others aware about the provision of new System – To make use of the Network for obtaining e-governance services

4.3. Project Benefits

There will be many significant benefits for the Government as well as for the Citizen. The following are some of the project benefits:

Benefit for Government

- Minimize the government expenditure toward Internet bandwidth and communication services. The use of IP telephony on the network will bring down the expenditure incurred on telephone services whereas video conferencing facilities will reduce travelling cost and time for the meeting.
- It will improve overall responsiveness, transparency and accountability in governmental services that is a great significant benefit for the state Government.
- The introduction of video conferencing facilities will reduce the travelling expense and saving time for the meeting with central government and district administration.
- This project will play an important role in disaster planning and management as it will enables the departments and agencies concerned to interconnect seamlessly and collate information, such as amount of rainfall and related data from all the district and blocks on a real-time or near real-time basis.
- This project will bring transformation of the Government from department centric approach to Citizen centric approach and from department process orientation to Citizen Service orientation.
- The Government will improve administration of internal office procedures for quality delivery of services to the citizen and will change the working style of government employees the way the citizen is interact to solve their problems.

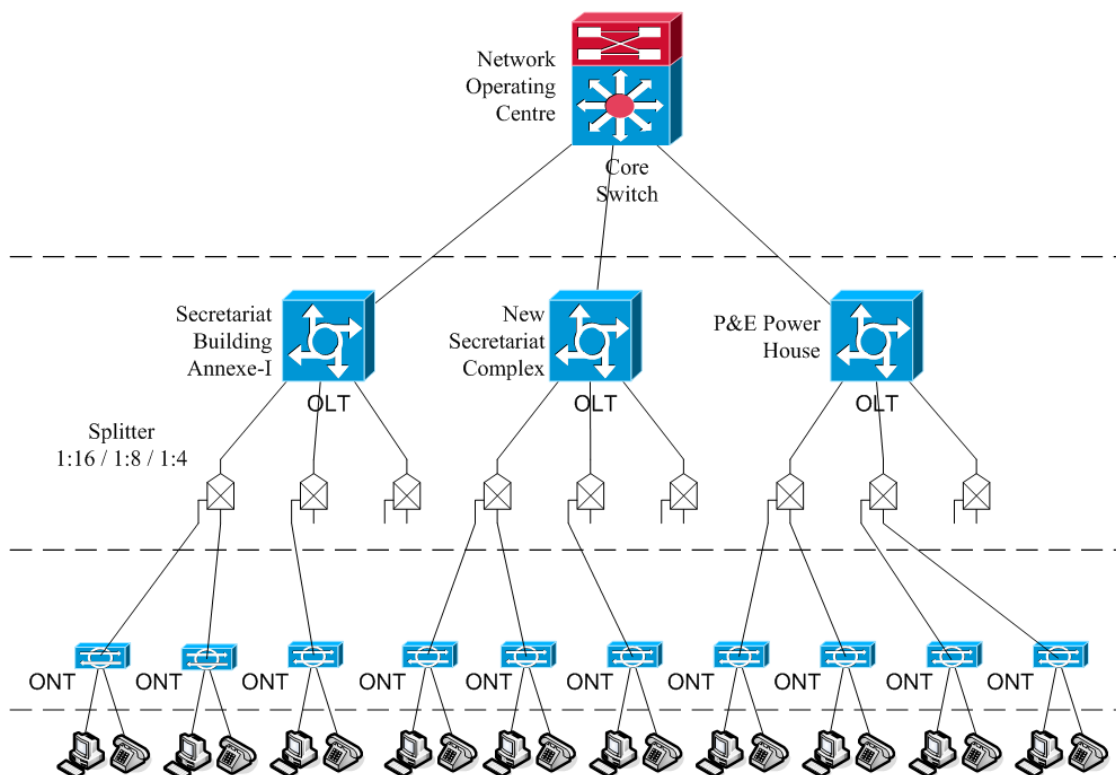
Benefit for Citizen

- Reduction of travelling expenses to obtain various government services
- Reduction of time taken by the citizens to avail various government services.
- Easy access to government services by the citizen in an efficient, reliable and integrated manner with minimum procedural formalities.

- Increase transparency in the delivery system - the citizen need not have to deal with the officials physically who actually process it as the citizen will be able to keep track the application online.
- It will reduce the elapse time for providing services to the citizen as it will improve the processing time of applications in government departments and district administration.

4.4. Proposed Architecture:

The GPON (Gigabit Passive Optical Network) technology is proposed to be used for interconnectivity within the capital of Mizoram (i.e Aizawl). In the initial phase of the project, it is targeted to provide high speed internet connection to all government offices and institutions. The network will be triple play network in which voice, video and data will be carried in a single access. The GPON technology replaces three-tier network architecture with a two-tier optical network by eliminating active access and distribution Ethernet switches with passive optical devices. The basic GPON design for Interconnectivity within Aizawl City is given below:



OLT (Optical Line Thermal): The OLT aggregates all optical signals from vendor dependent ONTs into a single multiplexed beam of light which is then converted to an electrical signal, formatted to Ethernet packet type standards and presented to a core Ethernet switch for layer two or three forwarding. A typical OLT supports up to 72 ports, each port being a fibre optic cable that has been multiplexed via a splitter in the upstream direction. A typical OLT port supports 32 ONTs. All traffic from end points is multiplex up to a core switch for layer 2 or 3 forwarding. While some OLT vendors are starting to offer VLAN-aware products, this does not avoid the hair pinning of traffic where the core switch provides forwarding. OLT possesses approximately 200 GBPS of Switching capacity.

Splitter: Optical Splitters are used to fan in or multiplex, usually 1:16/1:8/1:4, fibre optic signal to a single upstream fibre optical cable. Careful consideration of power budget analysis needs to be performed to assure adequate optical signal strength.

ONT (Optical Line Terminal): The ONT connects end points or desktops into the GPON network and primarily provides the optical signals to electrical signal conversion. ONTs also provide AES encryption via ONT key.

The following are the attributes of the proposed GPON Network:

- The physical GPON Network is a hub and spoke architecture that multiplexes upstream and broadcast downstream traffic flows
- The logical GPON network is a single layer 2 broadcast domains as layer 3 services are provided in the core Ethernet switch.
- Traffic is restricted to flow from desktop to core Ethernet switch and back. Therefore, mesh flows are not supported.
- All traffic flow to the core Ethernet switches creating the potential for a choke point or bottleneck.
- All network intelligence and network services are placed in the core Ethernet switch.
- Transmit and receive bandwidth rates are different depend on the OEMs.

- Traffic is broadcast in downstream from OLT-ONT direction.
- As most IP phone is equipped with a 4 ports Ethernet switch, these switches are left as unconnected islands.
- Each end point or desktop requires an ONT.
- Bandwidth is shared per splitter.
- Power over Ethernet is not supported resulting in IP Phones and WLAN access points needing 120 volts outlets.
- Encryption is used from OLT-ONT, but not from ONT-OLT, this is due to the broadcast nature of GPON.

4.5. Network Design Considerations and Assumptions

(1) New Secretariat Complex

- One OLT will be installed at New Secretariat Complex. This OLT will serve not only the Secretariat building, but the whole Capital Complex.
- There are 6 floors including basements in New Secretariat building and the requirements of ONT built-in Wi-Fi is approximately 150.
- Ten numbers of Optical Fibre Splitters with 1:16 multiplex i.e 12 core fibers for each floor, 2 will be spared.
- One wall mounted splitter box will be installed for distribution of fibers to different wings. Different splitters such as 1/16, 1/8, 1/4 etc will be utilized as per the requirement.
- Each connection will require one ONT. In built Wi-Fi ONT will be installed at selected locations to provide connectivity for portable devices such as Smartphone, tablets etc.

(2) Head of Department Offices

- All Head of Department Offices under Government of Mizoram will be connected with one ONT. Internal LAN network will be

the responsibility of the department and it will not be covered in this project.

- ADSS cable will be laid from three location of OLT to all localities in Aizawl. Size of ADSS cable will be selected to make at least 6 fibres available at each locality. Fiber Distribution Boxes will be installed at suitable junction locations. Spares fiber will be kept for future used.

(3) Education Institutes

- One ONT connection will be provided to each Government sponsor Colleges, Higher Secondary Schools, High Schools and other Training Center.

5. Instructions to the Bidders

5.1 Completeness of Response

- a. Bidders are advised to study all instructions, forms, requirements and other information in the EoI documents carefully. Submission of the bid shall be deemed to have been done after careful study and examination of the EoI document with full understanding of its implications.
- b. The response to this EoI should be full and complete in all respects. Failure to furnish all information required by the EoI documents or submission of a proposal not substantially responsive to this document will be at the Bidder's risk and may result in rejection of its Proposal.

5.2 EOI Proposal Preparation Costs & related issues

- a. The bidder is responsible for all costs incurred in connection with participation in this process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings / discussions / presentations, preparation of proposal, in providing any additional information required by MSeGS to facilitate the evaluation process.
- b. MSeGS will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

- c. This EoI does not commit MSeGS to award a contract or to engage in negotiations. Further, no reimbursable cost may be incurred in anticipation of award or for preparing this EoI.
- d. All materials submitted by the bidder will become the property of MSeGS and may be returned completely at its sole discretion.

5.3 Pre-Bid Meeting

- a. MSeGS shall hold a pre-bid meeting with the prospective bidders on **10.07.2017 (Monday) at 3:00 pm at MSeGS Conference Hall, Top Floor, Secretariat Building Annexe-I, Treasury Square, Aizawl-796001, Mizoram.**
- b. The Bidders will have to ensure that their queries for Pre-Bid meeting should reach to

Chief Executive Officer,
Mizoram State e-Governance Society,
Secretariat Building Annexe-I, Treasury Square,
Aizawl-796001, Mizoram
Fax: 0389-2319632
Email: muana.mizo@gmail.com

on or before **07.07.2017 (Friday) at 4:00 pm.**

- c. All queries to be raised in the pre-bid meeting will relate to the EoI alone and no queries related to detailed analysis of Scope of work, payment terms and mode of selection will be entertained. These issues will be amply clarified at the RFP stage.

5.4 Responses to Pre-Bid Queries and Issue of Corrigendum

- a. The Nodal Officer notified by the MSeGS will endeavor to provide timely response to all queries. However, MSeGS makes no representation or warranty as to the completeness or accuracy of any response made in good faith, nor does MSeGS undertake to answer all the queries that have been posed by the bidders.

- b. At any time prior to the last date for receipt of bids, MSeGS may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the EOI Document by a corrigendum.
- c. The Corrigendum (if any) & clarifications to the queries from all bidders will be posted on the <https://tender.mizoram.gov.in> and emailed to all participants of the pre-bid conference.
- d. Any such corrigendum shall be deemed to be incorporated into this EOI.
- e. In order to provide prospective Bidders reasonable time for taking the corrigendum into account, MSeGS may, at its discretion, extend the last date for the receipt of EOI Proposals.

5.5 Right to Terminate the Process

- a. MSeGS may terminate the EOI process at any time and without assigning any reason. MSeGS makes no commitments, express or implied, that this process will result in a business transaction with anyone.
- b. This EOI does not constitute an offer by MSeGS. The bidder's participation in this process may result in short listing the bidders.

5.6 Submission of Responses

- a. The bids shall be submitted in a single sealed envelope and superscripted **“Expression of Interest for implementation of aerial optical fiber grid leveraging the existing electrical poles to establish Gigabit Passive Optical Network (GPON) infrastructure in the state capital of Mizoram”**. This envelope should contain two hard copies of EOI proposal marked as “First Copy” and “Second Copy” and one soft copy in the form of a non-rewriteable CD. CD media must be duly signed using a Permanent pen Marker and should bear the name of the bidder.

- i. Bids shall consist of supporting proofs and documents as defined in the Pre-qualification section.
 - ii. Bidder shall submit all the required documents as mentioned in the Annexure including various templates (Form 1 to Form 3). It should be ensured that various formats mentioned in this EOI should be adhered to and no changes in the format should be done.
- b. Envelope should indicate clearly the name, address, telephone number, Email ID and fax number of the bidder
- c. Each copy of the EOI should be a complete document and should be bound as a volume. The document should be page numbered, must contain the list of contents with page numbers and shall be initialed by the Authorized Representative of the bidder.
- d. Different copies must be bound separately.
- e. Bidder must ensure that the information furnished by him / her in respective CDs is identical to that submitted by him in the original paper bid document. In case of any discrepancy observed by MSeGS in the contents of the CDs and original paper bid documents, the information furnished on original paper bid document will prevail over the soft copy.
- f. EOI document submitted by the bidder should be concise and contain only relevant information as required.

5.7 Bid Submission Format

The entire proposal shall be strictly as per the format specified in this Invitation for Expression of Interest and any deviation may result in the rejection of the EOI proposal.

5.8 Venue and Deadline for Submission

- a. Proposals must be received at the address specified below latest by 17.7.2017 @ 2:30 pm.

Chief Executive Officer,
Mizoram State e-Governance Society,

Secretariat Building Annexe-I, Treasury Square,
Aizawl-796001, Mizoram
Fax: 0389-2319632
Email: ceo.msegs@gmail.com

- b. Any proposal received by the MSeGS after the above deadline shall be rejected and returned unopened to the Bidder.
- c. The bids submitted by telex/telegram/fax/e-mail/ etc. shall not be considered. No correspondence will be entertained on this matter.
- d. The MSeGS shall not be responsible for any postal delay or non-receipt/ non-delivery of the documents. No further correspondence on the subject will be entertained.
- e. The MSeGS reserves the right to modify and amend any of the above- stipulated condition/criterion depending upon project priorities vis-à-vis urgent commitments.

5.9 Short listing Criteria

- a. MSeGS will shortlist bidders who meet the Pre-Qualification criteria mentioned in this Invitation to Expression of interest.
- b. Any attempt by a Bidder to influence the bid evaluation process may result in the rejection of its EOI Proposal.

5.10 Evaluation Process

- a. MSeGS will constitute a Technical Evaluation Committee to evaluate the responses of the bidders
- b. The Technical Evaluation Committee constituted by the MSeGS shall evaluate the responses to the EOI and all supporting documents & documentary evidence. Inability to submit requisite supporting documents or documentary evidence, may lead to rejection of the EOI Proposal.
- c. Each of the responses shall be evaluated to validate compliance of the bidders according to the Pre-Qualification criteria, Forms and the supporting documents specified in this document.

- d. The decision of the Technical Evaluation Committee in the evaluation of responses to the Expression of Interest shall be final. No correspondence will be entertained outside the evaluation process of the Committee.
- e. The Technical Evaluation Committee may ask for presentation / meetings with the bidders to evaluate its suitability for the Consulting assignment
- f. The Technical Evaluation Committee reserves the right to reject any or all proposals

5.11 Consortiums

- a. A bidding firm may be a corporation/ company or consortium of companies/ corporations. In case of a consortium the same shall not consists of more than three (3) companies/ corporations and shall be formed under a duly stamped consortium agreement. This consortium agreement needs to be submitted along with the bid. The consortium agreement should be in force for the entire duration of the project/contract i.e. minimum three years from date of commissioning of the proposed network.
- b. The Bidder and consortium companies must be a Company registered under Indian Company Act, 1956 since last 3 years.
- c. In the event of a consortium, one of the partners shall be designated as a "Prime Bidder". The bidder (prime) of the consortium shall be an Information Technology Company/ IT System Integrator. Every member of the consortium shall be equally responsible and jointly liable for the successful completion of the entire project.
- d. In Consortium all the members shall be equally responsible to complete the project; however prime bidder shall give an undertaking for successful completion of the project. In case of any issues, prime bidder would be responsible for all the penalties.
- e. A bidding company/ corporation cannot be a part of more than one Consortium. Any Member of consortium cannot bid

separately as a sole bidder. The bidder (all consortium partners) must have Company registration certificate, Registration under labor laws & contract act, valid VAT/ Sales Tax Registration Certificate, valid Service Tax Registration Certificate and Income Tax Return with Audit Report from CA. Bidder shall provide an attested copy of all the above-mentioned certificates along with this bid document.

- f. The MoU/agreement shall clearly specify the prime bidder, stake of each member and outline the roles and responsibilities of each member.

6. Pre-Qualification criteria

The Applicants have to fulfill all the eligibility criteria stipulated as below.

Important Note: To avoid conflict of interest, Telecom Service providers, Internet Service providers, organisations engaged in providing cable TV services and their subsidiaries will not be eligible to bid for this project either as prime bidder or as consortium member

SNo	Criterion	Document Proof to be submitted	Criterion to be met by
A. General Eligibility			
1.	<p>The bidder should be either a company (single legal entity) or a consortium of companies.</p> <p>The company shall be an incorporated entity under the Companies Act 1956.</p> <p>In case of consortium, the applicant consortium shall submit a valid agreement among the members.</p> <p>The maximum number of members allowed in a consortium is three (3) including Lead member. All the consortium members</p>	<p><u>In case of Single Bidder:</u> Copy of valid Certificate of incorporation issued by competent authority in India</p> <p><u>In case of Consortium:</u> Copy of valid certificate of incorporation issued by competent authority in India by each of the consortium members</p> <p>Valid agreement on INR 100/- Stamp Paper concluded among all the members of the consortium duly stamped and signed by the Authorized Signatories of the companies under consortium dated prior</p>	<p>Bidder in case of single entity bidding</p> <p>(OR)</p> <p>All the Consortium members individually and jointly, in case the bidder is a consortium</p>

SNo	Criterion	Document Proof to be submitted	Criterion to be met by
	shall be jointly & severally liable.	to the submission of bid. The agreement shall clearly specify the details of Lead member and other consortium members and outline the financial strengths, technical strengths and the role and responsibility of each of the members of the consortium.	
2.	The bidder should be registered under the Companies Act, 1956 and should have been in operational existence with relevant experience for at least the last three (3) financial years	Copy of a valid Certificate of incorporation issued by competent authority in India (for each of the members in case of consortium) Copy of audited annual accounts for the last 3 financial years i.e., FY 2014-15, FY 2015-16 & FY 2016-17 <i>Note: In case the final audited annual accounts reports are not available for FY 2016-17, the provisional financial statements of FY 2016-17 duly certified by the statutory auditor of the company shall be submitted.</i>	Bidder, in case of single entity bidding. OR All the members of the Consortium individually, in case the bidder is a consortium
3.	The bidder should have valid service tax and VAT registration in India	Certified copy of valid service tax and VAT registration certificates issued by competent authority in India	Bidder, in case of single entity bidding OR All the members of the Consortium individually, in case the bidder is a consortium
4.	The bidder should not have been blacklisted by any Govt. department or any PSU in India as on the date of bid submission	Self-declaration by the bidder duly signed by the authorized signatory (As per FORM-4 at Annexure)	Bidder, in case of single entity bidding OR All the members of the Consortium

SNo	Criteron	Document Proof to be submitted	Criterion to be met by
			individually, in case the bidder is a consortium
B. Financial Capacity Eligibility			
5.	<p>Average annual turnover of the bidder for the last three financial years should be at least INR 30 crores from activities related to provision of IT Systems Integration services / IT services / Network services / Telecom services / Fiber cable laying services / NMS/OSS/BSS services / Cable TV Head-end Services in India</p> <p>In case the bidder is a consortium, the sum of the average annual turnover of all the consortium members for the last three financial years from activities related to provision of IT Systems Integration services / IT services / Network services / Telecom services / Fiber cable laying services / NMS/OSS/BSS services / Cable TV Headend Services in India shall be at least INR 40 crores and;</p> <p>The average annual turnover of the lead member for the last three financial years from activities related to provision of IT Systems Integration services / IT services / Network services / Telecom services / Fiber cable laying services / NMS/OSS/BSS services /</p>	<p>Certificate from statutory auditor of the Bidder mentioning the turnover from the activities related to provision of IT Systems Integration services / IT services / Network services / Telecom services / Fiber cable laying services / NMS/OSS/BSS services / Cable TV Head-end Services in India in the last three financial years.</p> <p>If the final audited accounts for FY 2016-17 are not available, then the data based on the provisional accounts certified by the statutory auditor of the company will be considered.</p>	<p>Bidder, in case of single entity bidding</p> <p>OR</p> <p>The members of the consortium individually and jointly with the provision that the average annual turnover of the lead member for the last three years from the activities mentioned shall be at least INR 20 crores while that of the other members individually shall not be less than INR 10 crores.</p>

SNo	Criterion	Document Proof to be submitted	Criterion to be met by
	<p>Cable TV Head-end Services in India shall be at least INR 20 crores.</p> <p>Other consortium members' annual average turnover from the relevant activities shall not be less than INR 10 Crores individually in the last three financial years.</p>		
6.	<p>The bidder should have positive networth of at least INR 20 crores as on 31st March, 2017.</p> <p>In case the bidder is a consortium, the combined networth of all the entities shall be at least INR 50 crores as on 31st March, 2017. The networth of the lead member of the consortium shall be at least INR 20 crores.</p>	<p>Certificate from Statutory Auditor of the Company stating the networth of the Bidder as on 31st March, 2017.</p>	<p>Bidder, in case of single entity bidding</p> <p>OR</p> <p>The members of the consortium jointly / individually with the provision that the combined networth of all the members shall be INR 50 crores as on 31st March, 2017. The networth of the lead member of the consortium shall be at least INR 20 crores.</p>
C. Technical Capacity Eligibility			
7.	<p>The bidder should have valid ISO 9001 & ISO 27001 Certificate</p>	<p>Copy of valid certificate</p>	<p>Bidder, in case of single entity bidding</p> <p>OR</p> <p>Any members of the Consortium in case the bidder is a consortium</p>
8.	<p>The bidder should have the experience of laying / pulling and installing optical fiber cable (OFC) for a length of at least 100 Kms in India after 1st April, 2008</p>	<p>Certified copy of the relevant work order(s) and certificate(s) with details from the client(s) stating that the work(s) has been completed</p>	<p>Bidder, in case of single entity bidding</p> <p>OR</p> <p>The members of the consortium jointly on</p>

SNo	Criterion	Document Proof to be submitted	Criterion to be met by
			cumulative basis, in case the bidder is a consortium
9.	The bidder should have the experience of setting up and maintaining at least one Network Operating Centre services with atleast 200 clients on WAN in India after 1 st April, 2008	Certified copy of the relevant work order(s) and certificate(s) with details from the client(s) stating that the work(s) has been completed	Bidder, in case of single entity bidding OR The members of the consortium jointly on cumulative basis, in case the bidder is a consortium
10.	The bidder should have the experience in setting up and maintaining Wide Area Network / Points of Presence and its related electronics equipment in at least 10 different locations in India after 1 st April, 2008	Certified copy of the relevant work order(s) and certificate(s) with details from the client(s) stating that the work(s) has been completed	Bidder, in case of single entity bidding OR The members of the consortium jointly on cumulative basis, in case the bidder is a consortium

Note:

(1) In case the bidder is a consortium, all correspondence related to this project shall be done with / through the lead member.

(2) No correspondence shall be allowed from the bidder after the opening of the bid documents.

ANNEXURE

BID SUBMISSION FORMS

The bidders are expected to respond to the EOI using the forms given in this section and all documents supporting Pre-Qualification / EOI Criteria.

Proposal / Pre-Qualification Bid shall comprise of following forms:

Form 1: Covering Letter with Correspondence Details

Form 2: Details of the Applicant's Operations and Business

Form 3: Compliance Sheet for Pre-Qualification Criteria

Form 4: Declaration

FORM 1

(Covering Letter on Letterhead of the Bidder with correspondence Details)

<Location, Date>

To,

The Chief Executive Officer,
Mizoram State e-Governance Society,
Secretariat Building Annexe-I,
Aizawl – 796001, Mizoram

Subject: Submission of EOI Bid document

Dear Sir,

I/We,, do hereby express the willingness to execute the implementation of aerial optical fiber grid leveraging the existing electrical poles to establish Gigabit Passive Optical Network (GPON) infrastructure in the state capital of Mizoram. Our correspondence details with regard to this EOI are:

No.	Information	Details
1	Name of the Contact Person	: <Insert Name of Contact>
2	Address of the Contact Person	: <Insert Address>
3	Name, designation and contact, address of the person to whom, all references shall be made, regarding this EOI.	: <Insert details of Contact>
4	Telephone number of the Contact Person.	: <Insert Phone No.>
5	Mobile number of the Contact Person	: <Insert Mobile No.>

- | | | |
|---|----------------------------------|-------------------------|
| 6 | Fax number of the Contact Person | : <Insert Fax No.> |
| 7 | Email ID of the Contact Person | : <Insert Email.> |
| 8 | Corporate website URL. | : <Insert Website URL.> |

We are hereby submitting our Expression of Interest in both printed format (2 copies) and as a soft copy in a CD. We understand you are not bound to accept any Proposal you receive.

We fully understand and agree to comply that on verification, if any of the information provided here is found to be misleading the short listing process or unduly favours our company in the short listing process, we are liable to be dismissed from the EOI selection process or termination of the contract during the project.

We agree to abide by the conditions set forth in this EOI.

We hereby declare that our proposal submitted in response to this EOI is made in good faith and the information contained is true and correct to the best of our knowledge and belief.

Yours Sincerely,

<Signature of the Applicant>

<Insert Name of Applicant in Capital letter>

<Designation of the Applicant in the Company>

<Company Name and Address>

<Company seal if any>

FORM 2

Details of the Applicant's Operations and Business

<Location, Date>

Sl No.	Information Sought	Details to be Furnished
A	Name and address of the bidding Company	:
B	Incorporation status of the firm (public limited / private limited, etc.)	:
C	Year of Establishment	:
D	Date of registration	:
E	ROC Reference No.	:
F	Details of company registration	:
G	Details of registration with appropriate authorities for service tax and VAT	:
H	Name, Address, email, Phone nos. and Mobile Number of Contact Person	:

NOTE: Each consortium companies required to filled-in the form.

FORM 3

Compliance Sheet for Pre-Qualification Criteria

S.No.	Basic Requirement	Document Required	Provided	Reference & Page number
1.	Company Registration	Copy of a valid Certificate of incorporation issued by competent authority in India (for each of the company in case of consortium)	Yes/No	
2.	Consortium Agreement if any	Copy of valid Consortium Agreement on INR 100/- Stamp Paper signed by the Authorized Signatories of the companies under consortium dated prior to the submission of bid.	Yes/No	
3.	Audited Accounts	Copy of audited annual accounts for the last 3 financial years i.e., FY 2014-15, FY 2015-16 & FY 2016-17 <i>Note: In case the final audited annual accounts reports are not available for FY 2016-17, the provisional financial statements of FY 2016-17 duly certified by the statutory auditor of the company shall be submitted.</i>	Yes/No	
4.	Legal Entity	Certified copy of valid service Tax and VAT registration certificates issued by competent authority in India	Yes/No	
5.	Blacklisting	Self-declaration by the bidder duly signed by the authorized signatory (As per FORM-4 at Annexure)	Yes/No	
6.	Annual Turnover	Copy of Certificate from statutory auditor of the Bidder mentioning the turnover from the activities related to provision of ICT related matters in the last three financial years. (for each of the company in case of consortium)	Yes/No	

7.	Net-worth of Company and Consortium (if any)	Copy of Certificate from Statutory Auditor of the Company stating the net-worth of the Bidder as on 31 st March, 2017.	Yes/No	
8.	The bidder should have valid ISO 9001 & ISO 27001 Certificate	Copy of valid certificate	Yes/No	
9.	Experience of laying / pulling and installing optical fiber cable (OFC) in India	Certified copy of the relevant work order(s) and certificate(s) with details from the client(s) stating that the work(s) has been completed	Yes/No	
10.	Experience of setting up and maintaining at least one Network Operating Centre services on WAN in India	Certified copy of the relevant work order(s) and certificate(s) with details from the client(s) stating that the work(s) has been completed	Yes/No	
11.	Experience in setting up and maintaining Wide Area Network / Points of Presence and its related electronics equipment in different locations in India	Certified copy of the relevant work order(s) and certificate(s) with details from the client(s) stating that the work(s) has been completed	Yes/No	

FORM 4

DECLARATION

(to be submitted by the bidders along with the bid)

I/WE have gone through carefully all the EOI conditions and solemnly declare that / we will abide by any penal action such as disqualification or black listing or determination of contract or any other action deemed fit, taken by, the Authority against us, if it is found that the statements, documents, certificates produced by us are false / fabricated.

I/WE hereby declare that, I/WE have not been blacklisted/debarred/suspended/ demoted in any Govt. department or any PSU in India due to any reasons as on date of bid submission.

Signature of the Bidder

Designation and company's seal

Note: *The self declaration as mentioned above shall be filled in and signed the bidder in the company letter head.*