

# **ASSAM ELECTRICITY GRID CORPORATION LIMITED**

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**E-Tender Notice for providing consultancy services to AEGCL for  
Cyber Security Assessment, Preparation of Cyber Security  
Policy, Security Audit and ISO/IEC 27001 certification**

**BID IDENTIFICATION NO: AEGCL/MD/IT/Cyber Security Consultant/2021/11**

**SECTION - I**  
**INFORMATION FOR TENDERERS**

# **Subject: Tender for providing consultancy services to AEGCL for Cyber Security Assessment, Preparation of Cyber Security Policy, Security Audit and ISO/IEC 27001 certification.**

## **1. Background**

Assam Electricity Grid Corporation Limited (AEGCL) came into being in December 2003, as a consequence of the unbundling of the erstwhile Assam State Electricity Board (ASEB) by the state Government of Assam (GoA) under the provisions of Electricity Act, 2003. It is the State Transmission Utility of the state of Assam having its registered office at Paltan Bazar, Guwahati, Assam. AEGCL's core business is to efficiently transport electrical power from electrical power bulkheads to the distribution company networks in the state of Assam.

The State Load Despatch Centre (SLDC) is the apex body constituted vide Section 31 of the Indian Electricity Act - 2003 (Central Act No. 36 of 2003) and complies with the directions stipulated in Section 33 to ensure integrated operation of the power system in the state of Assam. SLDC, Assam was established in the year 1983 is located at Kahilipara, Guwahati. SLDC, Assam is presently being operated by the state transmission utility of Assam i.e., AEGCL. Every licensee, generating company, generating station, sub-station and any other person connected with the operation of the power system shall comply with the directions issued by the SLDC.

The responsibility of SLDC as enshrined in the statute includes: -

- Monitor & operate the state grid of Assam on real time basis through optimum scheduling & Despatch in secure and economic ways, and in accordance with the provisions of Indian Electricity Grid Code (IEGC) and State Grid Code.
- Supervise and control the intra-state transmission system.
- Keep account of the quantity of electricity transmitted through the state grid including the energy exchanged through Power Exchange entities, and bi-lateral trading through Open Access system.
- Comply with the operational guide-lines of NERLDC for overall system stability and security.
- SLDC implements the orders/directives from NERLDC, Shillong and other statutory bodies like CERC (Central Electricity Regulatory Commission), NERPC and The Assam Electricity Regulatory Commission (AERC).

Cyber security of critical infrastructure in power sector organizations has become a matter of fundamental priority with respect to national defense strategy. As per the directives of Ministry of Power, Information Sharing and Analysis Centre-Power (ISAC-Power) a central coordinating agency under Central Electricity Authority (CEA) to share and analyze various cyber security incidents in

the Power Sector was conceived. The ISAC-Power is the common platform for the four sectoral CERTs under Ministry of Power. The ISAC-Power focuses to be the Central Information Resource pooling and sharing platform. The spread of Internet and its indispensability brings with it the risk of loss, damage and misuse of valuable information which can be of disastrous consequences to individuals, businesses and Governments. Increased interconnection and integration render the grids vulnerable to cyber threats, putting stored data and computers at great risk. With sufficient cyber security measures, policies and framework in place, a utility power system can be made more efficient, reliable and secure, as failure to address these problems will hinder the modernization of the existing power system. Cyber security and data privacy are some of the key challenges for Power utilities, as establishment of digital electricity infrastructure entails the challenge of communication security and data management. Digital network and systems are highly prone to malicious attacks from hackers which can lead to mis-utilization of consumers' data, making cyber security the key issue to be addressed.

Considering the need to further strengthen the Cyber Safety of the organization and mitigate the risks of Cyber Attacks, AEGCL and SLDC have already been identified respective CISOs to oversee the Cyber Security at AEGCL and SLDC. Now, AEGCL intends to appoint a cyber security consultancy agency to formulate a comprehensive Cyber Security policy for the entire organization.

The broad scope of work to be carried out by the consultant shall be as follows:

1. Security assessment and gap analysis of the existing IT & OT systems and infrastructure at AEGCL and SLDC.
2. Creation of a comprehensive Cyber Security Policy and detailed implementation plan at AEGCL and SLDC.
3. ISO 27001 Audit and Certification: Provide onsite consultancy during ISO 27001 Surveillance and Certification and Internal and External Certification Audits at AEGCL and SLDC.
4. Implementation of Cyber Crisis Management Plan as per the guidelines issued by the Ministry of Electronics & Information Technology (MeitY) / CEA / CERT-In / Sectoral CERTs.
5. Vulnerability assessment and penetration testing (VA/PT) of IT-OT systems, applications and networks devices at AEGCL and SLDC.
6. Compliance of advisories from CERT-In, NCIIPC and Cyber Swachhta Kendra (CSK).

Through this tender, AEGCL intends to engage a Consulting organization for Implementation of Information Security Management Systems (ISMS) at AEGCL as per ISO 27001 standard, including Preparation of Cyber Security Policy, Cyber Security Audit, and ISO 27001 Certification through an Accredited Certification Body as per Terms and Conditions detailed in this Tender Document.

The selected bidder shall be engaged with AEGCL for a period of 3 years. It includes 1<sup>st</sup> time ISO 27001 Certification through an Accredited Certification Body (which would be decided by the bidder in consultation with AEGCL) **within 10 months from the date of Work order**, support during 2<sup>nd</sup>

year for completion of Surveillance Audit-1 and submission of audit report by certification body and support during 3<sup>rd</sup> year for completion of Surveillance Audit-2 and submission of audit report by certification body as per the scope of work mentioned in the Tender Document.

## **2. Tender Document**

The bidder shall submit the techno commercial & price bid through e-tendering portal <https://assamtenders.gov.in>. All documents as required by this bidding document shall be scanned and uploaded in the portal. Price schedule should be submitted in the format provided in the online portal. Bidder must go through the document checklist provided in this bidding document and submit all required documents. Bidders are also requested to submit the information in the format provided in this bidding document where applicable. In addition to the online bid submission, (i) Original copy of EMD (if submitted in the form of BG) (ii) Duly filled and signed tender submission form and (iii) Authorization letter of bid signatory must be submitted in a sealed envelope superscribed with the name of bidder, full address, IFB reference, name of work etc. at the office of the Managing Director, Assam Electricity Grid Corporation Ltd, Bijulee Bhawan, Paltan Bazar Guwahati-781001 one hour prior to bid submission end date and time. In case these documents are not received, the bid shall be summarily rejected.

### **2.1 Query on the Bidding Document**

Prospective bidder may submit queries, if felt necessary, requesting clarification of any bid clause. Such queries must be submitted in the e-tendering portal latest by the Tender clarification end date and time mentioned in the Bid Data Sheet. Purchaser shall clarify to the extent felt necessary or issue corrigendum for any amendment required in the bidding document. Such corrigendum/clarification shall be made available in the e-tendering portal and official website of AEGCL, [www.aegcl.co.in](http://www.aegcl.co.in). Any query submitted outside the e-tender portal viz. email, or in physical letters, shall not be entertained.

### **2.2 Clarification of Bids**

To assist in the examination, evaluation, and comparison of the Technical and Price Bids, and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its bid. Any clarification submitted by a Bidder that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the substance of the Technical Bid or prices in the Price Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the evaluation of the bids. If a Bidder does not provide clarifications of its bid by the date and time set in the Purchaser's request for clarification, its bid may be rejected.

## 2.3 Pre-Bid meeting

AEGCL shall organize a Pre-Bid meeting on the queries submitted (by stipulated date & Time) by the Bidders on the scheduled date and time at AEGCL. AEGCL may incorporate any changes in the Tender based on acceptable suggestions received during the interactive Pre-Bid meeting or as deemed necessary to achieve the scope of work. The decision of AEGCL regarding acceptability of any suggestion shall be final in this regard and shall not be called upon to question under any circumstances.

The Pre-Bid meeting will be held as per the date mentioned in the Bid document. The bidder may also attend the Pre-Bid meeting through Video Conferencing mode. Link of which shall be uploaded in the e-tender portal as well as AEGCL website [www.aegcl.co.in](http://www.aegcl.co.in). To participate in the pre-bid meeting through Video Conferencing, Bidders are requested to send the representative details (Name, Designation, Email ID, Phone) at [infotech@aegcl.co.in](mailto:infotech@aegcl.co.in) to facilitate participation in the Video Conferencing.

***Only two persons for each intending bidder's organization will be allowed to attend the Pre-Bid Meeting.***

AEGCL may, for any reason, whether at its own initiative or in response to a clarification requested by prospective bidders, modify the Tender Document by an amendment. The same will be posted on AEGCL's website/E-procurement Portal.

The bidder shall follow the detailed schedule given below in the table:

1	Tender start date & time:	10:00 Hrs of 10.09.2021
2	Receipt of Queries <i>(Queries received after mentioned date &amp; time will not be entertained under any circumstance)</i>	Start date & Time: 10:00 Hrs of 10.09.2021 End date & Time: 14:00 Hrs of 17.09.2021 Queries must be submitted in the e-tendering portal latest by the Tender clarification end date and time mentioned as per <b>Form I</b> .
3	Pre-bid meeting	11:30 Hrs of 20.09.2021
4	Bid Submission start date & time	10:00 Hrs of 24.09.2021
5	Bid submission end date & time	14:00 Hrs of 04.10.2021
6	Opening of Bids	14:00 Hrs of 05.10.2021

## 2.4 Bid Validity

The validity of bid shall be for 180 (One Hundred Eighty) days from the date of bid submission end date. In exceptional circumstances, AEGCL may request the bidders for a specified extension of the period of validity of the bids and/or the Performance Guarantees and/ or Earnest Money Deposits. The bidders shall comply with such requests.

## 2.5 Earnest Money

The bid must be accompanied with earnest money as mentioned in the NIT against the works to be deposited

- a) in the form of Bank Guarantee (BG) of Nationalized or scheduled Bank. The scan copy of the BG must be uploaded in the e-tender portal.
- b) Online through E-Tender portal.

<b>EMD (Rs.)</b>	<b>INR 1,00,000.00 (One Lakh) only.</b>
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The EMD should be submitted along with Techno-Commercial bid. The EMD will remain valid for a period of 28 days beyond the date of bid validity. The earnest money will be released to the unsuccessful bidders on finalization of the tenders. The EMD to the successful bidder will be released on submission of Security Deposit after execution of the contract agreement.

**MSME registered parties are exempted from Tender processing fee and EMD. Documentary evidence for the same need to be submitted.**

## 2.6 Deviations, Reservations, And Omissions:

During the evaluation of bids, the following definitions apply:

- a) “Deviation” is a departure from the requirements specified in the Bidding Document;
- b) “Reservation” is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Document; and
- c) “Omission” is the failure to submit part or all of the information or documentation required in the Bidding Document.

## 2.7 Purchaser’s Right to accept any Bid, and to Reject any or all Bids:

The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders. In case of annulment, all bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.

## 2.8 Documents Required to accompany the Bid

The bidder shall upload the bid on the designated website. The documents to be uploaded are as follows:

- a) Technical Proposal
- b) Financial Proposal

The bid shall contain the following documents:

S. No.	Required Documents
1	Form - A: Proposal Submission Form
2	FORM - B: Evaluation of Parameters
3	FORM - C: Description of the Methodology and Work Plan for performing the assignment.
4	FORM - D: Team Composition of the Firm and Task Assignments.
5	FORM - E: Format of Curriculum Vitae (CV) of the Professionals to be engaged for the work by the firm
6	FORM - F: Proposed Time Schedule for the Project Leader and Team members
7	FORM G: Indicative Price Bid Format
8	FORM H: Format for Bank Guarantee (Earnest money deposit)
9	FORM I: Prebid Query Submission Format
10	Certificate of Incorporation
11	Self-attested copy of PAN number
12	Self-certified copy of the GST registration.
13	Audited Balance Sheet and Profit & Loss Statement for FY 2017-18, FY 2018-19 & FY 2019-20
14	Certificate of Turnover for any 3 (three) consecutive financial years within the last 5 (five) financial years (i.e., from 2016-17 to 2020-21)
15	Copy of the Power of Attorney duly authorized by a Public Notary indicating that persons signing the bid have the authority.

## 2.9 Prices

Bidders shall quote for the entire service on a 'single responsibility' basis exclusive of the applicable GST stating the total bid price such that the total bid price covers all the contract obligations mentioned in Scope of work through e- tender portal. GST shall be paid as per the prevailing rate. Prices quoted by the bidder shall be firm and not subject to adjustment during the performance of the



contract to reflect changes in the cost of labour, material, time, etc.

***Prices shall be quoted in Indian Rupees only.***

### **3. ELIGIBILITY CRITERIA**

The bidder should meet the following requirements in order to be eligible to compete for the award of the tendered work. AEGCL reserves the right to contact, verify information, references and date etc, submitted by the bidder without any further reference to the bidder.

<b>Sl. No.</b>	<b>Bidder Eligibility Requirements</b>	<b>Required Documents</b>
1.	<p>The bidder should have an experience of ISMS implementation and subsequently leading it to ISO 27001 Certification in 3 organizations</p> <ul style="list-style-type: none"> <li>• At-least 1 out of 3 organizations should be from Central / State Govt. institution or PSU</li> <li>• At least 1 should be from Power sector utilities.</li> <li>• At least 1 completed work of ISMS (ISO 27001) costing not less than Rs.5 Lakhs</li> </ul>	<p>Copy of Purchase Order (PO) / Work Order (WO)/Completion certificate from the client with values to be enclosed.</p>
2.	<p>The bidder should have minimum 3 certified resources of ISO 27001 Lead Auditor / Lead Implementer and at least 1 of them should be CISA / CISSP certified. These persons should have more than 5 years of experience in ISMS (ISO 27001) implementation.</p>	<p>Copy of CISA / CISSP / ISO 27001 Lead Auditor / Lead Implementer certificates along with experience details to be enclosed in the technical bid. The bidder must also submit undertaking that these resources are associated with them for last one year.</p>
3.	<p>The bidder should be empaneled with CERT-In for IT Security Auditing. For this bidder's name should exist in the current list of CERT-In empaneled organizations.</p>	<p>Copy of valid CERT-In empanelment certificate / letter.</p>
4.	<p>The bidder should be ISO 27001 certified organization.</p>	<p>Copy of valid ISO 27001 certificate to be enclosed.</p>
5	<p>The Bidder should be an organization with registered office and operations in India for last 3 years.</p>	<p>Copy of the relevant certification confirming the nature of legal entity along with date of incorporation.</p>

6.	The bidder should have annual average turnover of Rs. 50 lakhs in any 3 (three) consecutive financial years within the last 5 (five) financial years (i.e., from 2016-17 to 2020-21)	Attested audited copies of the bidders' annual accounts for the last 3 financial years have to be attached along with a certificate from a practicing Chartered Accountant on his letter head confirming annual turnover, net profit, positive net worth & average annual turnover during each of these years.
7.	The bidder should not have been barred or black-listed by AEGCL or by any of the central/state govt. departments/organizations/PSUs for any reason on the date of bid submission.	A self-declaration certificate from the authorized signatory should be submitted.
8	Certificate by authorized signatory confirming acceptance of all tender terms and conditions	Self-Declaration.
9	Authorization of signatory for the purpose of this tender	Power of Attorney of the authorized signatory executed in stamp paper attested by notary public.

**Note: The persons deployed as Team member must have the relevant qualifications and certifications which should be mentioned in the CV.**

1. The bidders must comply with all the above-mentioned criteria.
2. Bidders must ensure that all required documents have been uploaded along with the bid to justify eligibility. Only the bids of those who fulfill all the above eligibility criteria will qualify for further consideration.
3. Photocopies of relevant documents / certificates duly certified by authorized signatory should be submitted as proof in support of the claims made. AEGCL reserves the right to verify / evaluate the claims made by the vendor independently.
4. Upon verification, evaluation / assessment, if in case any information including all documents furnished by the Bidder is found to be false / incorrect, their bid shall be summarily rejected, their EMD shall be forfeited and no correspondence on the same shall be entertained.

#### **4. Evaluation Of Technical Bids**

1. On opening of the Technical Bid, AEGCL will examine the bids to determine whether bids are complete, whether any computational error is observed, whether required Earnest Money Deposit has been furnished or whether the documents are in order.
2. If a Bid or Bids are found not substantially responsive, the same will be rejected by and may not subsequently be made responsive by the bidder after correction etc.

3. Evaluation of technical bids will be done by an Evaluation Committee constituted by AEGCL based on information/documents submitted by the bidders.

#### 4.1 Evaluation Criteria

Proposals will be evaluated both on the basis of quality as well as cost. For this Quality Cost Based System (QCBS) method of Bid evaluation shall be adopted. Technical bids shall be evaluated first. The financial bids of technically qualified bidders shall only be opened. Responsive Bids shall only be taken up for evaluation.

#### 4.2 Evaluation of Technical Bids

Evaluation of technical bids will be done on the basis of the Marks as stated hereunder and will be used by the technical evaluation committee to calculate the technical score of each bidder.

Sl. No.	Eligibility Criteria	Weightage			Documents Required
		Count	Marks	Maximum	
A	Experience of conducting Cyber Security Audit or Consultancy/ implementation related works for ISO 27001 certification for PSUs/ Central or State Govt. organizations.	2	10	20	Work Order and satisfactory completion certificate by concerned authority
		More than 2	20		
A	Experience of conducting Cyber Security Audit or Consultancy/implementation related works for ISO 27001 certification for Power sector organization of Central or State Govt./ SLDC/ RLDC/ NLDC or Private Power Transmission/Distribution utilities of India in last 4 years	1	10	20	
		More than 1	20		
B	Experience in offering Information Security Services such as Security assessment, defining security policies procedures & baselines, Risk	2	10	20	
		More than 2	20		

	Assessment, security consulting assignments to clients in India.				authority
C	Valid CISA/ EC Council certified ethical hacking resources	2	5	20	Documentary proof like valid registration/ certificate etc. HR Declaration and resource profiles are to be attached as evidence
		More than 2	10		
	Certified resources like ISO-27001 Lead Auditor; ISO/IEC or CISSP Lead Implementer.	2	5		
		More than 2	10		
D	Average annual turnover of the Bidder for any 3 (three) consecutive financial years within the last 5 (five) financial years (i.e., from 2016-17 to 2020-21) must be at least Rs. 50 Lakh	50 lakhs up to 1 crore	5	10	CA certified Audit reports
		More than Rs. 1 crore	10		
E	Approach and methodology	Present and meeting the requirements	5	10	
		Exceeding the requirement	10		

**Note:**

1. The Bidder is required to submit the documentary evidence in support of the qualifying and evaluation requirements as specified for this tender. For the purpose of evaluation, ongoing as well as completed assignment shall be considered.
2. If, for any reason beyond the reasonable control of the Consultant, it becomes necessary to replace any of the Personnel, the Consultant shall forthwith provide as a replacement a person of equivalent or better qualifications subject to approval of AEGCL.
3. After scrutiny and evaluation of technical bids the bidders who have secured **minimum 60 (Sixty) marks** as per criterion laid down shall be short listed for price bid opening.
4. AEGCL may reject any proposal(s) if they are found to be unresponsive or unsuitable because they represent major deficiencies in complying with the Terms of Reference.

## **5. Opening of Financial Bid**

The shortlisted bidders will be intimated the time and date of opening of Financial Bids. The financial bids of the short-listed bidders will be opened in presence of the bidders or their authorized representative(s) who wish to be present.

### **5.1 Evaluation of Financial Bids**

The financial bid with lowest quoted total bid price will be given a financial score of 100. Other financial bids of the bidder shall be given financial score as under:

$(\text{Total Bid price of lowest bidder} / \text{Total Bid price of the bidder}) \times 100$

### **5.2 Financial and Technical Scores**

The total score shall be obtained by weighting the technical and financial scores and adding them. The weight given to the technical and financial proposals are:

- a) Technical Proposal – 70%
- b) Financial Proposal – 30%

The bidder scoring the highest combined technical and financial score shall be considered as successful bidder.

## **6. Points for Discussion / Negotiation**

1. Negotiation will include discussion on Technical & Financial proposals, proposed plan of work, staffing pattern and bar charts indicating the events and activities, periods to be spent in the field and in the home office, reporting as AEGCL Consultant and other logistics. The negotiation will also include discussion on the inputs required by the bidder from the AEGCL to ensure satisfactory implementation of the assignment.
2. In the event of the successful bidder not responding to further negotiations/clarifications as required for the finalization of the bid, AEGCL reserves the right to reject the bid and forfeit the Earnest Money Deposit.
3. Following the selection of the successful bidder AEGCL may negotiate on the experts named in the proposal. Before award of contract, AEGCL will require specific guarantee from the bidder that the experts included in the bid will be actually available for the assignment. Non availability of the named expert may render the performance of the contract by the bidder vitiated resulting in the termination of the contract and forfeiture of the Earnest Money Deposit and all payment dues to the Consultant.
4. The negotiation will conclude with a review of the draft contract and both AEGCL and the

successful bidder will initial the agreed Contract. If the negotiation with the successful bidder as above fails, AEGCL will invite from the short-listed bidders one who has secured the second highest combined score to negotiate a Contract.

## **7. Award of Contract**

The successful bidder shall be required to execute a contract agreement within the time period as specified by AEGCL. Failure on the part of successful bidder to execute contract agreement within the time schedule, as specified by AEGCL, may lead to cancellation of bid and forfeiture of bid security.

## **8. Other Important Information**

1. The bids will be evaluated by AEGCL to ascertain the technically and commercially competitive responsive bids by awarding weightage for technical competence and commercially lower bids for the complete scope of service/work as detailed in bid documents. Any effort by a bidder to influence AEGCL in the bid evaluation, bid comparison or contract award decision may result in the rejection of the bid(s) of the said bidder(s).
2. AEGCL will notify the successful bidder in writing by Registered letter or by fax or by e- mail to be confirmed in writing that his bid has been accepted. The letter of award (LoA) will constitute a part of the contract.
3. On furnishing the Performance Security and execution of contract agreement by successful bidders, AEGCL will notify the unsuccessful bidders and their earnest money deposit will be refunded thereafter.

## **9. Signing of the Contract Agreement**

Within two (2) weeks of notification of award of contract, the successful bidders or his authorized representatives shall enter into a Contract Agreement with AEGCL on the prescribed format on Non-Judicial Stamp Paper of the State of Assam of appropriate value.

Failure on the part of the successful bidder to comply with the requirement of this clause will constitute sufficient ground for the annulment of award and forfeiture of Earnest Money Deposit or Performance Guarantee.

## **10. Performance Security**

An amount of 10% (ten percent) of total contract value will have to be deposited by the successful Bidder as Performance Security in the following manner:

- a) Bank Guarantee/DD/Fixed Deposit/cash transfer to AEGCL's Bank Account of the amount

equivalent to 10% (ten percent) of the total contract value shall be deposited after receipt of L.O.A. and before the execution of the agreement.

**Bank Account details of AEGCL is as follows:**

Beneficiary name: Assam Electricity Grid PRIN AC

Beneficiary bank: State Bank of India

Current Account No. 10566984188

IFSC Code: SBIN0000221

- b) The Bank Guarantee shall be in the approved format of AEGCL in the form of an irrevocable Bank Guarantee in favor of Assam Electricity Grid Corporation Ltd.
- c) The Bank Guarantee shall be issued from a Nationalized/Scheduled Indian Bank and shall become acceptable to AEGCL only after verification by CGM, (F&A), AEGCL which will be remain valid for a minimum period of three months beyond the expected date of completion of the work.
- d) In the event of the actual date of completion of the assignment for the consultant being delayed due to any reason the consultant shall have to suitably extend the validity period of the Bank Guarantee.
- e) No Bank charges or interest will be payable AEGCL against the Bank Guarantees.

## **11. Confidentiality**

The successful Bidder shall treat the details of the Contract as private and confidential, except to the extent necessary to carry out its obligations under it. The successful Bidder shall not publish any information, drawings or photographs concerning the works, or permit to be published, otherwise disclose any particulars of the Contract in any trade or technical paper or any document or elsewhere without prior consent in writing from Competent authority of AEGCL, and subject to any terms and conditions that they may be prescribed. The successful Bidder shall ensure that all the output/deliverable/ information is considered as confidential.

***A Non-Disclosure Agreement has to be signed by the successful Bidder prior to commencement of work.***

## **12. Contractual Failure**

In the event of contractual failure of any respect on the part of the successful Bidder, AEGCL shall be entitled to terminate the Contract and forfeit the security deposit/Performance security or any deposit from this or his other contracts towards the recovery of AEGCL's claim for damages arising out of the failure. In addition, AEGCL may black-list or ban the successful Bidder or pending

enquiry, suspend him or take any other steps considered suitable.

### **13. Validity of the Contract**

The contract is expected to remain valid for a period of three (3) years from the date of signing of the contract. Upon successful completion of Contract Period, both the parties, if mutually agree, may extend the validity of the Contract by a further period as per requirement of AEGCL on Pro-Rata basis (on Contract Price).

### **14. Timelines, deliverables and Payment Schedule**

#### **14.1 DELIVERY PERIOD**

The following milestones to be achieved for ISO/IEC 27001 certification:

<b>Sl No.</b>	<b>Activity</b>	<b>Duration</b>	<b>Completion Period</b>
1.	Carrying out IT Security Assessment and Gap Analysis: Physical Infrastructure Audit, Security and compliance Audit of IT-OT infrastructure, Submission of Gap Assessment report, submission of ISMS documentation to be approved by AEGCL	4 Months	4 Months from the date of work order
2.	Submission of internal audit reports.	1 Month	5 Months from the date of work order
3.	Providing the ISO/IEC 27001 Certificate from Certification Body.	5 Months	10 Months from the date of work order
4.	Completion of Surveillance Audit-1 in 2nd year and submission of audit report by certification body.	1 Month	To be completed at least 1 month prior to surveillance Audit-1 date by certification body
5.	Completion of Surveillance Audit-2 in 3rd year and submission of audit report by certification body	1 Month	To be completed at least 1 month prior to surveillance Audit-2 date by certification body



For the CERT-In/NCIIPC/any other Govt. of India agency related compliance works, the following milestones are to be achieved:

Sl No.	Activity	Duration	Completion Period
1	Develop IT/Cyber Security Policy, Framework and Implementation Plan, Cyber Crisis Management Plan.	1 Month	4 Months from the date of work order
2	Support for IT/Cyber Security Policy Implementation.	3 Months	7 Months from the date of work order
3	Compliance of CERT-In & Sectoral CERT Advisories/NCIIPC Frameworks	1 Week	As and when required throughout the contract period
	Six monthly Vulnerability assessment and penetration testing (VA/PT) of IT-OT systems, Applications and networks devices wherever applicable	1 Month	Every six months throughout the contract period

## 14.2 DETAILS OF THE DELIVERABLES

- Inception report including outline of IT/Cyber security and ISO 27001 requirements, audit Plan, Reporting Formats, work plan, documentation formats, dates and location of proposed IT/Cyber audit exercise.
- Status Reports showing proposed vs actual progress, delays (if any), and support required, gaps identified till date etc.
- Summary of IT/Cyber Audit findings, including identification tests and the results of the tests need to be shared with concerned AEGCL officials as and when required.
- Prepare and submit a detailed report with (i) Cyber security and IT audit report, (ii) Information/IT Security related policies (iii) Cyber Crisis Management Plan (CCMP) (iv) Expert Recommendations on the identified gaps for AEGCL and SLDC.
- The audit report will have the following elements included in it:
  - Development of the Information Security/IT related Policies, which should include but not limited to:
    - ✦ Access control
    - ✦ Asset management
    - ✦ Backup and Recovery
    - ✦ IT System Operations security
    - ✦ Network and Communications security

- ✦ System acquisition, development and maintenance
  - ✦ IT Risk management
  - ✦ Information security incident management
  - ✦ Information security aspects of business continuity management (BCM)
  - ✦ Information and information related devices disposal policy
  - ✦ Compliance and Regulatory requirements management
  - ✦ Physical and environmental security
  - ✦ Supplier relationship incident management
- Assessment Report (along with recommendations) on AEGCL IT environment which should include but not limited to:
- ✦ Access Control
  - ✦ Network Security Management
  - ✦ Database Management Process
  - ✦ Backup & Restore Policy and Backup Plan
  - ✦ Log management and monitoring policies for database,
  - ✦ applications, router, firewall and operating systems
  - ✦ Incident Management and resolution process of the incidents
  - ✦ Patch update, bug fix and anti-Virus update process within AEGCL
  - ✦ Report on Penetration Testing and Vulnerability scan
- Document Cyber Crisis Management Plan (CCMP) for AEGCL IT Facilities which will contain strategy followed in case of a Cyber-attack or threat in AEGCL. The CCMP will encompass all units of AEGCL as the cyber-attack may happen at any substation of AEGCL.
- Share the reports and findings with AEGCL and relevant stakeholders only.
- IT/Cyber Security Audit Report, its findings, conclusions, and recommendations for Gap Analysis and Plugging, as per CERT-In guidelines, need to be made to the management of AEGCL as required. Recommendations should also be given for Quality Standard ISO 27001, as this is also a prime objective of the IT/Cyber Security Audit Output.
- Providing the ISO/IEC 27001 Certificate from Certification Body.
- Completion of Surveillance Audit-1 in 2nd year and submission of audit report by certification body.
- Completion of Surveillance Audit-2 in 3rd year and submission of audit report by certification body
- Submission of final reports with required guidelines and documents.

### **14. 3 PAYMENT SCHEDULE**

1. The Consultant Firm shall submit the invoice for payment when the payment is due as per the agreed terms.
2. Once a milestone is completed, the Consultant Firm shall submit the requisite deliverables as specified in this Contract. The Purchaser shall release the requisite payment upon acceptance of the deliverables.
3. AEGCL shall release the payment as per the work-related milestones achieved and as per the percentage detailed below:
  - a) **10%** of the contract amount shall be paid in advance.
  - b) **10%** of the contract amount shall be paid on submission of CCMP and Security policy.
  - c) **30%** of the PO amount shall be paid on providing the ISO/IEC 27001 Certificate from Certification Body.
  - d) **10%** of the PO amount shall be paid on completion of Surveillance Audit-1 in 2nd year followed by submission of audit report by certification body.
  - e) **10%** of the PO amount shall be paid on completion of Surveillance Audit-2 in 3rd year followed by submission of audit report by certification body.
  - f) **30%:** - 5% of the PO amount shall be paid on completion of each VA/PT which will be performed at every six months.

### **15. SPECIAL TERMS AND CONDITIONS**

- (i) In the event of a successful bidder is taken over /bought over by another company, all the obligations and execution responsibilities under the agreement with the AEGCL India, should be passed on for compliance by the new company in the negotiation for their transfer.
- (ii) In case of successful bidder(s) is found in breach of any condition(s) of tender, EMD/Security Deposits shall be forfeited, besides debarring and blacklisting the bidder(s) concerned for at least three years, for further dealings with AEGCL.
- (iii) The selected bidder(s) should not assign or sublet the work order as a whole to any other agency in any form. Any such eventuality shall result in termination of work order and forfeiture of Security Deposit/EMD concerning such bidder(s).
- (iv) AEGCL may, at any time, terminate the PO by giving written notice to the successful bidder(s) without any compensation, if the engage bidder(s) becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to AEGCL.

- (v) No deviations from these terms and conditions will be accepted; violation thereof will lead to rejection of the bid.
- (vi) If L1 bidder refuses/fails to accept the Letter of Intent (LoI), the offer would be treated as withdrawn and bidder's EMD will be forfeited, besides debarring and blacklisting the bidder for at least three years, for further dealings with AEGCL.
- (vii) If the successful bidder refuses/fails to accept the Letter of Intent (LoI), the same would be awarded to the next successful bidder.

## **16. FORCE MAJEURE**

If at any time, during the continuance of the engagement, the performance in whole or in part by either party of any obligation under the engagement is prevented or delayed by reasons of any war, hostility, acts of public enemy, civil commotion, sabotage, act of terrorism, fires, floods, explosions, epidemics quarantine restrictions, strikes, lockouts or acts of God (hereinafter referred to as "events"), provided notice of happenings of any such event is duly endorsed by the appropriate authorities/chamber of commerce in the country of the party giving notice, is given by party seeking concession to the other as soon as practicable, but within 21 days from the date of occurrence and termination thereof and satisfies the party adequately of the measures taken by it, neither party shall, by reason of such event, be entitled to terminate the engagement, nor shall either party have any claim for damages against the other in respect of such nonperformance or delay in performance, and deliveries under the engagements shall be resumed as soon as practicable after such event has come to an end or ceased to exist and the decision of AEGCL as to whether the deliveries have so resumed or not, shall be final and conclusive, provided further, that if the performance in whole or in part or any obligation under the engagement is prevented or delayed by reason of any such event for a period exceeding 60 days, the purchaser may at his option, terminate the engagement.

## **17. TERMINATION FOR DEFAULT**

- (i) Default is said to have occurred
  - a. If the bidder fails to deliver any or all of the services within the time period(s) specified in the work order or any extension thereof granted by the competent authority.
  - b. If the bidder fails to perform any other obligation(s) under the contract.
- (ii) If the bidder, in either of the above circumstances, does not take remedial steps within a period of 30 days after receipt of the default notice from AEGCL (or takes longer period in spite of what has been authorized in writing), the engagement / work order would stand terminated in whole or in part. In addition to above, the following actions can be taken:

The procurement can be done, upon such services and in such manner, as is deemed appropriate, goods similar to the undelivered services and the defaulting bidder shall be liable for compensation

for any extra expenditure involved towards services to complete the scope of work in totality.

(iii) The work order / engagement can be terminated by giving one month written notice to the bidder, without any compensation to the bidder, if the bidder becomes bankrupt or otherwise insolvent.

## **18. ARBITRATION**

1. In case any dispute or difference arises out of or in connection with or the carrying out of works (whether during the progress of the works or after their completion & whether before or after the termination, abandonments or breach of contract) except as any of the accepted matters, provided hereunder, the parties hereto, shall first endeavor to settle such disputes of differences amicably.
2. If both the parties fail to reach such amicable settlement, then either party (The Purchaser or Bidder) may (within 20 days of such failure) give a written notice to the other party requiring that all matter in dispute or difference be arbitrated upon. Such written notice shall specify the matters which are indifference or differences of which such written notice has been given and no other shall be reoffered to the arbitration of a single arbitrator, to be appointed by both the parties or in case of disagreement as to the appointment of a single arbitrator, to that of two arbitrators, one to be appointed by each party or in case of said arbitrators not agreeing then, to the umpire to be appointed by the arbitrators in writing before entering upon the references. Provisions of Indian Arbitration & Conciliations Act, 1996 or any statutory modification or reenactment thereof and rules framed there under from time to time shall apply to such arbitration.
3. Venue of arbitration shall be Guwahati.
4. The arbitrators or arbitrators appointed under this Article shall have the power to extend the time to make the award with the consent of parties.
5. Pending reference to arbitration, the parties shall make all endeavors to complete the work in all respect. Disputes, if any, will finally be settled in the arbitration.
6. Upon every or any such references to the arbitration, as provided herein the cost of and incidental to the reference and Award respectively shall at the discretion of the arbitrator, or the umpire, as case may be.
7. The award of arbitrator or arbitrators, as the case may be, shall be final and binding on the parties. It is agreed that the Bidder shall not delay the carrying out of the works by reason of any such matter, question or dispute being referred to arbitration, but shall proceed with the works with all due diligence. The Purchaser and the Bidder hereby also agree that arbitration under this clause shall be the condition precedent to any right of action under the contract except for as provided for in the Tender.

## **19. APPLICABLE LAW**

- (i) The bidder shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/processing.
- (ii) All disputes in this connection shall be settled in Guwahati (Kamrup Metro) jurisdiction only.
- (iii) AEGCL reserves the right to cancel this tender or modify the requirement without assigning any reasons. AEGCL will not be under obligation to give clarifications for doing the aforementioned.
- (iv) AEGCL also reserves the right to modify/relax any of the terms & conditions of the tender.
- (v) AEGCL, without assigning any further reason can reject any tender(s), in which any prescribed condition(s) is/are found incomplete in any respect.
- (vi) AEGCL also reserves the right to engage on quality/technical basis, which depends on quality/capability of the system and infrastructure of the firm. Bidder(s) are, therefore, directed to submit the tender carefully along with complete technical features of the services as well as other documents required to access the capability of the bidder.

This Tender document is not transferrable. Bidders are advised to study the tender document carefully. Submission of bid shall be deemed to have been done after careful study and examination of the tender document with full understanding of its implications. The response to this tender should be full and complete in all respects. Incomplete or partial bids shall be rejected. Bidders shall bear all costs associated with the preparation and submission of the bid, including cost of presentation and demonstration for the purposes of clarification of the bid, if so desired by AEGCL. AEGCL shall in no event be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

**SECTION - II**  
**SCOPE OF WORK**

## **SCOPE OF WORK**

The description given here is broad scope of work to be carried out by the bidder for AEGCL and SLDC. However, any work even if not specifically mentioned but reasonably implied for the successful development & implementation of a cyber-security policy are deemed to be included in the scope of work.

### **1. IT Security Assessment and Gap Analysis**

#### **1.1 Physical Infrastructure Audit**

- Healthiness of the components through reports indicating the capacity utilization and corresponding scalability requirements.
- Effective utilization of Licenses, bandwidth and their future procurement etc.
- System integrator recommendations for capacity planning and upgrades as per the requirements.
- Cover the obsolescence of the physical & IT infrastructure and submit the report on it.
- Check the Security and healthiness of all equipment which is connected between two end points (including Splice boxes in Towers).

#### **1.2 Security and compliance Audit of IT-OT infrastructure from the point of view of Information/Cyber Security**

- The Security and Compliance Audit would be conducted as per the Guidelines issued by the Ministry of Electronics & Information Technology (MeitY) / CEA / CERT-In /CERT-Go Sectoral CERTs / Govt. of India and provide recommendations to ensure integrity, confidentiality and availability of information and resources.
- Preparation/Review ISMS policy, processes and systems and procedures relevant to managing risk and improving information security to deliver results in accordance with the organization's overall policies and objectives.
- Audit the overall Physical and IT infrastructure management processes as per ISO 27001 framework including Monitoring, Maintenance and Management of the IT-OT systems.

#### **1.3 Service Level Agreement Monitoring Audit**

The audit of SLA, if any would also be covered for Cyber Security aspects.

#### **1.4 Report and compliance/closure of Audit Points**

- A detailed Report would be furnished by the Auditing Agency. This would be accompanied by a presentation to Senior Management/CISO highlighting the recommendations and audit points which need to be closed in a time bound manner.
- The identified service provider is required to provide assistance to AEGCL and SLDC's internal team for closure of audit findings.



- The consultant will work as a Management Reference/ Representative
  - ✦ The Management representative ensures that the ISMS processes are established, implemented and maintained. This involve review and planning of internal audits, discussion with process owners, or even review of the processes in person to ensure they are properly maintained.
  - ✦ Reporting on ISMS performance- MR will report performance of ISMS to the Top management.
  - ✦ Promote business requirements- MR will take responsibility and ensure that people are aware of business requirements throughout the organization.
  - ✦ Represent the organization in front of Regulatory, Statutory or relevant Law enforcement body

## **2. Develop Cyber Security Policy**

### **2.1 Crisis Management Plan, IT Policy & IT Framework**

- Develop a standard operating procedure for Incident Management and Support Services.
- Develop a framework for periodic risk assessment and mitigation.
- Bring out comprehensive cyber security polices for the entire organization taking in to consideration the best practices available in the sector and also being followed in the power sector.
- Guide the organization in bringing the process of implementation of security systems and standards. And develop a cyber security policy detailed implementation plan.
- Establish Vendor Risk Mitigation and establish Management Controls.
- Adequacy of Crisis Management Plan
- Business continuity plans/Disaster Management Plan to maintain resilience and recovery capabilities after a cyber-breach
- Mock drill Exercise of Cyber Security participation through CERT-In.
- Suggest changes to CCMP, IT Policy & IT Framework.

### **2.2 Compliance of CERT-In & Sectoral CERT Advisories/NCIIPC Frameworks**

- CERT issues guidelines, advisories, vulnerability notes and whitepapers relating to in prevention, response and reporting of cyber incidents. The Audit would cover compliance of these.

## **3. Vulnerability assessment and penetration testing (VA/PT) of Applications and networks devices wherever applicable**

This exercise is to be carried out in the premises of the organization.

- Appropriate updated tools shall be used for each phase of test.

- Research based investigation would also be carried out.
- For internal servers, network devices and databases the VA/PT will be done.
- External VA/PT will be conducted from outside for the external web applications and websites such as Internet Application through Internet:
  - a. Check if commonly known holes in the software, essentially the browser etc.
  - b. Checking for the other common vulnerability like IP Spoofing, Buffer Overflows, Session Hijack, Account Spoofing, Frame Spoofing, caching of web pages, cross-site scripting, Cooke Handling including any other vulnerabilities as reported by CERT-In or any other Govt. of India agency.
- Based on the audit findings risk assessment will be classified as Low, Medium, High, Very High in each specific audit areas or as required by the organization.
- VA/PT shall have following phases:
  - a. Planning & Preparation Phase
  - b. Information Gathering & Analysis Phase
  - c. Scanning Phase
  - d. Vulnerability Exploitation Phase
  - e. Analysis and Reporting
  - f. Assistance towards fixing the vulnerabilities
  - g. Re-scanning phase
  - h. Analysis and reporting after implementing controls specified by auditor

#### **4. Implementation of ISMS through ISO 27001 Certification**

The scope of work for implementation of ISMS (ISO 27001 Certification) at AEGCL shall be as per following Phases / Stages:

##### **PHASE-1: CONSULTING-TRAINING-READINESS PHASE**

###### **Stage 1: Gap Assessment vis-a-vis ISO 27001 standard's requirements**

1. Study of critical processes and information flow within/ outside AEGCL IT and assess the current state of information security with respect to ISO 27001
2. Perform a gap analysis on the current certification compliance in order to assess and evaluate the controls to be implemented to achieve ISO 27001 certification and accreditation.
3. Provide with a Gap Analysis report vis-à-vis ISO 27001 Control Objectives.
4. Prepare and present the current state to AEGCL with corrective measures.

###### **Stage 2: Vulnerability Assessment & Penetration Testing**

1. Conduct vulnerability assessment for SAS systems at the substations, NMS installed at SLDC and SCADA systems of SLDC.

2. Conduct vulnerability assessment for Operating Systems / Operator console/ Databases / Web servers and Networking Devices – Routers /Switches etc. used by AEGCL and SLDC by vulnerability scanning using commercial and open-source tool. Vulnerability Assessments should be done from AEGCL's internal network.
3. Web-based applications used by AEGCL and SLDC shall be assessed from the Internet.

**Note for PT (Penetration Testing):**

PT to be non-destructive. Ensure backup taken before carrying out PT. Also, able to restore back to the settings before PT if required. Carry out PT without hampering business activity.

1. The components to be considered under VA/ PT are provided in **Annexure III**.
2. Results of the Vulnerability Assessment should be documented and used for recommendations of fixes and review of perimeter security devices.

**Stage 3: ISO 27001 Trainings**

1. Awareness training on ISO 27001 to be provided in batches.
2. Single batch for Top Management members, half-day duration
3. Batches for all the staff of AEGCL and SLDC, half-day duration per batch
4. Detailed training on ISO 27001 standard to core implementation team of ISMS having cross-functional representation – Single batch of 1day duration
5. One-day internal auditor's training – single batch of participants from cross-functional teams, 1-day duration.

**Stage 4: Risk Assessment and Risk Mitigation**

1. Design risk assessment approach and methodology for AEGCL and SLDC.
2. Identify and assess risks, classification of different types of security risks
3. Prepare a risk acceptance criterion for AEGCL and SLDC.
4. Prioritize risks and prepare a RTP (Risk treatment Plan)
5. Prepare Statement of Applicability (SOA) and obtain Management Sign-off

**Stage 5: Design and development of the control framework**

1. Define the scope of ISMS with due inputs from AEGCL.
2. Prepare ISMS Manual and Control Procedures.
3. Develop and document set of Information Security Policies, Procedures, Work Instructions and Formats to generate records for evidencing ISMS established.
4. Develop and document the management of incidents as per the requirements of ISO 27001.
5. Development of plans for business continuity and disaster recovery as per the requirements of ISO 27001.
6. Identify and prepare a list of applicable legal and other compliances that AEGCL need to comply.
7. Provide a final set of ISMS documentation for approval and sign-off.

## **Stage-6: ISMS Rollout and Implementation**

Selected bidder to provide necessary support in implementing the information security policies and the risk treatment plans.

## **Stage-7: Readiness towards Certification**

1. Conduct internal audit to assess the readiness of the IT-OT infrastructure of AEGCL and SLDC for the ISO 27001 certification. Provide internal audit report.
2. Provide facilitation to auditees in closure of nonconformities.
3. Conduct a mock Management Review Meeting (MRM) as per ISO 27001 requirements; facilitate in preparing the minutes of MRM.

## **PHASE-II: CERTIFICATION AND SUPPORT PHASE**

### **Stage-8: Support for 1st time certification to ISO 27001**

1. Engaging external Certification Body for conducting ISO 27001 Certification.
2. Provide necessary support so as to ensure that AEGCL achieves ISO 27001 Certification.
3. Liaison with certification body to obtain the ISO 27001 Audit Report and the Certificate (in hard copy) without undue delay.
4. The consultant must perform the Internal audit and submit the audit report accordingly to AEGCL, so as to ensure that AEGCL achieves ISO 27001 Certification.

### **Stage-9: Support for Completion of Surveillance Audit-1 in 2nd year and submission of audit report by certification body.**

1. Conduct IT Security Audit and provide audit report with recommendations.
2. Consultant to conduct VAPT for SAS systems at the substations, NMS installed at SLDC and SCADA systems of SLDC along with the existing computers and network infrastructure components from SLDC and AEGCL's internal network for system problems and configuration errors that represent security vulnerabilities. Vulnerability scanning to be done using commercial and open-source tool. The components to be considered are provided in **Annexure III**.
3. Penetration testing from the Internet to be done for web-based applications. The list of applications to be considered are provided in **Annexure III**.
4. Results of the Vulnerability Assessment should be documented and used for recommendations for fixing and review of perimeter security devices.
5. The consultant must perform the ISMS internal audit as and when required and provide guidance to the internal auditors from AEGCL to conduct ISMS internal audit, including review of ISMS risks, and assist in preparation of audit report.
6. Facilitate auditees to take necessary corrective actions on the detected nonconformities.
7. Facilitate in conducting a mock Management Review Meeting (MRM) as per ISO 27001 requirements; facilitate in preparing the minutes of MRM.
8. Provide requisite support during surveillance audit-1 and arrange Surveillance Audit-1 Audit Report from Certification Body.

**Stage-10: Support for Completion of Surveillance Audit-2 in 3rd year and submission of audit report by certification body.**

1. Conduct IT Security Audit and provide audit report with recommendations.
2. Consultant to conduct VAPT for SAS systems at the substations, NMS installed at SLDC and SCADA systems of SLDC along with the existing computers and network infrastructure components from SLDC and AEGCL's internal network for system problems and configuration errors that represent security vulnerabilities. Vulnerability scanning to be done using commercial and open-source tool. The components to be considered are provided in **Annexure III**.
3. Penetration testing from the Internet to be done for web-based applications.
4. Results of the Vulnerability Assessment should be documented and used for recommendations of fixes and review of perimeter security devices.
5. The consultant must perform the ISMS internal audit as and when required to continue with the certification and provide guidance to trained the internal auditors from AEGCL to conduct ISMS internal audit, including review of ISMS risks, and assist in preparation of audit report.
6. Facilitate auditees to take necessary corrective actions on the detected nonconformities.
7. Facilitate in conducting a mock Management Review Meeting (MRM) as per ISO 27001 requirements; facilitate in preparing the minutes of MRM.
8. Provide requisite support during surveillance audit-2 and arrange Surveillance Audit-2 Audit Report from certification body.

**SECTION - III**  
**FORMS**

## **Annexure I**

### **TECHNICAL PROPOSAL CONTENT**

Technical Proposal should be prepared considering the Terms of Reference, Detailed Approach & Methodology, Activity Schedule & Deliverables, Time period and any other information to highlight the capability of the consultant. Technical Proposal must include:

1. Brief description about the Consultant/Consultancy firm.
2. Consultants' experience: In addition to overall experience of the consultant, details of specific consultancy projects/studies undertaken may be provided including Assignment/project name, description of services provided, appx. Value of assignment, country & location, duration of assignment, name of client, starting & completion dates, names of associates (other than employees), if any. Consultancy experience of helping government departments /PSUs / limited company obtain ISO 27001 may be specifically mentioned.

***All supporting documents towards establishing requisite experience are to be provided.***

3. Proposal submission Form
4. Evaluation parameters
5. Detailed approach and Methodology
6. Work Plan and Schedule
7. Team Composition of the Firm
8. Detailed Resume of the Team members (duly signed by bidder)
9. Proposed Time Schedule for the Project Leader and Team members
10. Certificate of Incorporation
11. PAN Card of consultant/consulting firm
12. Self-certified copy of the GST registration.
13. All supporting financial documents towards establishing requisite eligibility.
14. All compliance statements/ Undertakings as required in the tender.

## Form –A

### PROPOSAL SUBMISSION FORM

Proposal No.

Date:

To,

The Chief General Manager (T&C and Communication)  
Assam Electricity Grid Corporation Ltd  
Bijulee Bhawan, Paltan Bazar Guwahati 781001, Assam

Sir,

With reference to the present Bid Document, we the undersigned, have examined the Bid Documents, including scope of work as detailed above. We would like to offer the required consultancy services as detailed. In line with the requirement of the Bid Documents, we attach herewith and upload on the E-tender portal of AEGCL the following documents:

<b>S. No.</b>	<b>Required Documents</b>
1	Form A: Proposal Submission Form
2	FORM B: Evaluation of Parameters
3	FORM C: Description of the Methodology and Work Plan for performing the assignment.
4	FORM D: Team Composition of the Firm and Task Assignments.
5	FORM E: Format of Curriculum Vitae (CV) of the Professionals to be engaged for the work by the firm
6	FORM F: Proposed Time Schedule for the Project Leader and Team members
7	FORM G: Indicative Price Bid Format
8	FORM H: Format for Bank Guarantee (Earnest money deposit)
9	FORM I: Prebid Query Submission Format
10	Certificate of Incorporation
11	Self-attested copy of PAN number
12	Self-certified copy of the GST registration.
13	Audited Balance Sheet and Profit & Loss Statement for FY 2017-18, FY 2018-19 & FY 2019-20
14	Certificate of Turnover for any 3 (three) consecutive financial years within the last 5 (five) financial years (i.e., from 2016-17 to 2020-21)
15	Copy of the Power of Attorney duly authorized by a Public Notary indicating that persons signing the bid have the authority.



Until a formal Contract is prepared and executed between us, this bid, together with your written acceptance thereof in the form of your Notifications of Award shall constitute a Bid Contract between us for all legal purpose.

We understand that you are not bound to accept the lowest or any bid that you may receive or might have received.

We, hereby, declare that the persons or firms interested in this proposal are named herein and that no person or firm other than mentioned herein have any interest in this proposal or in the Contract to be entered into, if the award is made on us. This proposal is made without any connection with any other person, firm or party likewise submitting a proposal of their own, and without any collusion or fraud.

Thanking you,

Yours faithfully (Authorized Signature& Company’s Stamp)

(Name & Designation of the Authorized Signatory)

Name and Address of the Firm

Dated this ..... day of .....

(Bidders may note that no prescribed proforma has been enclosed for Power of Attorney and Bidders may use their own proforma for furnishing the required information with the Bid, if required)

**Form –B**

**EVALUATION OF PARAMETERS**

Sl. No.	Eligibility Criteria	Weightage			Documents Required
		Count	Marks	Maximum	
A	Experience of conducting Cyber Security Audit or Consultancy/ implementation related works for ISO 27001 certification for PSUs/ Central or State Govt. organizations.	2	10	20	Work Order and satisfactory completion certificate by concerned authority
		More than 2	20		
	Experience of conducting Cyber Security Audit or Consultancy/implementation related works for ISO 27001 certification for POWER sector organization of Central or State Govt./ SLDC/ RLDC/ NLDC or Private Power Transmission/Distribution utilities of India in last 4 years	1	10	20	
		More than 1	20		
B	Experience in offering Information Security Services such as Security assessment, defining security policies procedures & baselines, Risk Assessment, security consulting assignments to clients in India.	2	10	20	
		More than 2	20		
C	Valid CISA/ EC Council certified ethical hacking resources	2	5	20	Documentary proof like valid registration/ certificate etc. HR Declaration and
		More than 2	10		

Sl.	Eligibility Criteria	Weightage			Documents
	Certified resources like ISO-27001 Lead Auditor; ISO/IEC or CISSP Lead Implementer.	2	5		resource profiles are to be attached as evidence
		More than 2	10		
D	Average annual turnover of the Bidder for any 3 (three) consecutive financial years within the last 5 (five) financial years (i.e., from 2016-17 to 2020-21) must be at least Rs. 50 Lakh	50 lakhs up to 1 crore	5	10	CA certified audit reports
		More than Rs. 1 crore	10		
E	Approach and methodology	Present and meeting the requirements	5	10	
		Exceeding the requirement	10		

## FORM – C

### DESCRIPTION OF THE METHODOLOGY AND WORK PLAN FOR PERFORMING THE ASSIGNMENT

*1. Approach:*

*2. Methodology:*

*3. Workplan:*

Yours faithfully  
(Authorized Signature & Company's Stamp)  
(Name & Designation of the Authorized Signatory)  
Name and Address of the Firm

Dated this \_\_\_\_\_ day of \_\_\_\_\_

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**FORM – D**

**TEAM COMPOSITION AND TASK ASSIGNMENTS**

**Key Staff**

<b>Sl. No.</b>	<b>Name</b>	<b>Position</b>	<b>Task(s) Assigned</b>
1		Project Leader	
2		Team Member 1	
3		Team Member 2	
..		.....	
n		Team Member n	

Yours faithfully

(Authorized Signature & Company's Stamp)  
(Name & Designation of the Authorized Signatory)  
Name and Address of the Firm

Dated this \_\_\_\_\_ day of \_\_\_\_\_

## **FORM – E**

### **FORMAT OF CURRICULUM VITAE (CV) FOR PROPOSED PROFESSIONAL STAFF**

*Proposed Position:*

*Name of Firm:*

*Name of Staff:*

*Position in the Firm:*

*Nationality:*

*Date of Birth:*

*Years of Experience (Details of relevant works undertaken):*

*Years of Service with Firm:*

*Details of the certifications in the relevant field (CISA/CISSP/ISO/IEC Lead Auditor/Lead Implementer certificates/ EC Council certified ethical hacking resources):*

*Detailed Tasks Assigned:*

#### **Details of relevant works undertaken:**

[Give an outline of experience and training most pertinent to tasks on assignment. Describe degree of responsibility held by staff member on relevant previous assignments and give dates and locations]

#### **Education:**

[Summarize college/ university and other specialized education of staff member, giving names of schools, dates attended, and degrees obtained]

#### **Employment Record:**

[starting with present position, list in reverse order every employment held. List all positions held by staff member since graduation, giving dates, names of employing organizations, titles of positions held, and locations of assignments. For experience in last ten years, also give types of activities performed and client reference, where appropriate]

---

**Languages:**

[For each language indicate proficiency, excellent, good, fair, or poor in speaking, reading, and writing]

**Declaration:**

I, the undersigned, certify that to the best of my knowledge and belief, these data Correctly describe me,my qualifications, and my experience.

Date: \_\_\_\_\_

[Signature of staff member and authorized representative of the Firm] Day/Month/Year

**Full Name of the staff member:**

**Full name of the authorized representative:**

---

**FORM - F**

**PROPOSED TIME SCHEDULE FOR THE PROJECT LEADER AND RESIDENT REPRESENTATIVES**

<b>Name</b>	<b>Position</b>	<b>Reports/Activities.</b>	<b>Weeks (In the form of a Bar Chart)</b>
	Project Leader		
	Team Member -1		
	Team Member -2		
	Team Member -3		
	.....		
	Team Member - n		

Yours faithfully

(Authorized Signature & Company's Stamp)

(Name & Designation of the Authorized Signatory)

Name and Address of the Firm:

Dated this \_\_\_\_\_ day of \_\_\_\_\_



**FORM G****Indicative Price Bid Format**

<b>Sl. No.</b>	<b>Services Offered</b>	<b>Qty.</b>	<b>Unit price (in Rs)</b>	<b>Total Amount</b>
<b>PART A</b>	IT Security Assessment and Gap Analysis and compliance Audit of IT infrastructure	1 lot		
	Development of Cyber Security Policy and Crisis Management Plan (CCMP)	1 lot		
	Vulnerability assessment and penetration testing (VA/PT) of Applications and networks devices wherever applicable at AEGCL corporate office	1 lot		
	Vulnerability assessment and penetration testing (VA/PT) of Applications and networks devices wherever applicable at SLDC	1 lot		
	Vulnerability assessment and penetration testing (VA/PT) of Applications and networks devices wherever applicable at AEGCL Substations	3 No's		
	Implementation of ISMS through ISO 27001 Certification	1 lot		
<b>PART B</b>	Support for 1st time ISO 27001 certification including Certification fees for the same from the accredited certification body as per Scope of Work.	1 lot		
	Completion of Surveillance Audit-1 in 2nd year and submission of audit report by certification body.	1 lot		
	Completion of Surveillance Audit-2 in 3rd year and submission of audit report by certification body.	1 lot		
	<b>Total amount including GST</b>			

**Note: The unit rate quoted for VA/PT for each substation shall be valid for 3 years and the employer may extend the same rate for other substations**

## Form H

### Format for Bank Guarantee (Earnest money deposit)

Bank Guarantee

(To be stamped in accordance with Stamp Act)

(The non-Judicial Stamp Paper should be in the name of issuing Bank)

Bank's Name:

Address of Issuing Branch or Office:

Email id and phone no for correspondence:

Beneficiary: The Managing Director, AEGCL

Name and Address of Purchaser

Bid Security No.:

We have been informed that .... name of the Bidder.... (Hereinafter called "the Bidder") intends to submit to you its bid against ...Bid ref... for providing consultancy services to AEGCL for Cyber Security Assessment, Preparation of Cyber Security Policy, Security Audit and ISO/IEC 27001 certification.

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee. At the request of the Bidder, we ...name of Bank with address...hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of . . . . . amount in figures . . . . . ( . . amount in words . . . . . ) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- (a) has withdrawn its Bid during the period of bid validity specified by the Bidder in the Form of Bid; or
- (b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or
- (c) having been notified of the acceptance of its Bid by the Purchaser during the period of bid validity, (i) fails or refuses to execute the Contract Agreement, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This guarantee will expire: (a) if the Bidder is the successful Bidder, upon our receipt of copies of the Contract Agreement signed by the Bidder and the performance security issued to you upon the instruction of the Bidder; and (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy your notification to the Bidder of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of the Bidder's bid.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

BG expiry date:

BG claim date:

Bank's seal and authorized signature(s)

**Note:**

1. All italicized text is for use in preparing this form and shall be deleted from the final document. An amount is to be inserted by the Guarantor, representing the EMD amount as per bid.
2. This guarantee shall be valid up to 30 days beyond the bid validity.
3. For BG amount equal to or more than 50,000.00, BG should be signed by two bank officers to be valid.

Address of the banker with email and phone number for correspondence with banker should be clearly mentioned. Any correspondence related to the BG with the banker shall be made to the address mentioned in the BG



**PROFORMA OF CONTRACT AGREEMENT**

(To be stamped in accordance with Stamp Act)

This contract made this ..... Day of ..... of Two thousand ..... between Assam Electricity Grid Corporation Limited (herein after referred to as "AEGCL") on the one part and Sri ..... in his own behalf and on behalf of other member of the Joint family /proprietor of the firm..... S/O. Shri .....by religion.....P.O.....P.S.....District ..... in the State of.....at present residing at village/Town.....P.O.....P.S.....District or .....as partnership firm/Joint stock company duly registered under the Indian Partnership Act. 1932/Indian company Act. 1913/1956 bearing registration No. 19 with the Registrar of Firms/Registrar of Joint Stock Companies at..... in the state of ..... and having its registered office at acting through its.....namely Sri..... S/O..... Permanent resident of village/Town .....P.O.....P.S. .... District.....in the State of.....at present Residing at village/Town.....P. O..... P.S.....District..... (hereinafter referred to as the 'Cyber Security Consultant', which expression, shall unless excluded by or repugnant to the context including his/heirs, legal representative, successors, executors, administrators and permitted assigns) on the other part.

Whereas the AEGCL agrees to award the complete work of ..... and the 'Cyber Security Consultant has agreed to execute the said work in accordance with AEGCL's E-Tender Notice Inviting No.....General conditions of the tender and scope of works and 'Cyber Security Consultant' proposal No ..... Dated and ..... on the following terms and conditions.

- 1. The 'Cyber Security Consultant' agrees to execute the above work and deliver the above said deliverables in conformity with the provisions of the General Terms and Conditions of NIT and other documents referred to above which forms a part of this contract within the period specified in the bid document.
- 2. The AEGCL hereby agrees to pay to the 'Cyber Security Consultant' on due performance of the contract, price of Rs. .... (in figure) (Rs.) (In words) from the AEGCL's fund in the manner and in accordance with the terms specified in the NIT as also in the Letter of Award vide letter. No. ....dated .....
- 3. Other conditions, if any, to be mentioned

In witness where of the said parties hereto have hereunto set and subscribed their respective hands and seals on the day and year first above written.

I signed by/or on behalf of the 'Cyber Security Consultant'....., duly authorized by the 'Cyber Security Consultant' under deed/letter no..... dated..... (Strike off the words not needed. Where the signature is made under authorization made by a deed resolution, the Cyber Security Consultant should furnish an attested copy of such deed/ resolution).

Signature on behalf of AEGCL  
(Seal of AEGCL)

Signature on behalf of the Consultant  
(Seal of the Consultant)

Witness 1.

Witness

Witness 2.

Witness

**PROFORMA OF BANK GUARANTEE FOR CONTRACT PERFORMANCE**

(To be stamped in accordance with Stamp Act)

Ref.....

Date

Bank Guarantee No.....

Date.....

To,  
The Chief General Manager (T&C and Communication)  
Assam Electricity Grid Corporation Ltd  
Bijulee Bhawan, Paltan Bazar  
Guwahati-781001, Assam

Dear Sir,

In consideration of Assam Electricity Grid Corporation Limited (hereinafter referred to as the 'Owner', which expression shall unless repugnant to the context or meaning thereof include its successors, administrators and assigns) having awarded to M/s.....with h its registered/Head office at..... (Hereinafter referred to as 'Cyber Security Consultant' which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns), a Contract issued by Owner's Letter of Award No..... dated and the same having been acknowledged by the 'Cyber Security Consultant', resulting in a Contract bearing No..... dated ..... valued at for (scope of contract) and the 'Cyber Security Consultant' having agreed to provide a Contract Performance Guarantee for the faithful performance of the entire Contract equivalent to Rs..... (in figure) (Rs.) (In words) being. (10%) percent) of the said value of the Contract to the Owner.

We ..... (Name & Address of Bank), having its Head Office at (hereinafter referred to as the 'Bank'), which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns} do hereby guarantee and undertake to pay the Owner, on demand any all monies payable by the 'Cyber Security Consultant' to the extent of Rs. .... (in figure) (Rs.) (In words) as aforesaid: at any time up to \*\* (days/month/year) without any demur, reservation, contest, recourse or protest and/or without any reference to the 'Cyber Security Consultant'.

***This shall be extended by the Bank, if required by the owner, for such period so that the validly of the Bank Guarantee remains for a minimum period of 90 days after the expected date of completion of the work.***

Any such demand made by the Owner on the bank shall be conclusive and binding notwithstanding any difference between the Owner the 'Cyber Security Consultant' or any dispute pending before any Court, Tribunal, Arbitrator or any other authority, The Bank undertakes not to revoke this guarantee during its currency without previous consent of the Owner and further agrees that the Bank Guarantee herein contained shall continue to be enforceable till the Owner discharges this guarantee.

The Owner shall have the fullest liberty without affecting in any way the liability of the Bank under the guarantee, from time to time to extend the time for performance of the Contract by the 'Cyber Security Consultant'. The Owner shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the 'Cyber Security Consultant', and to exercise the same at any time in any manner, and either to enforce or to forbear to enforce any covenants, contained or implied, in the Contract between the Owner and the 'Cyber Security Consultant' or any other course or remedy or security available to the Owner. The Bank shall not be released to its obligations under these presents by any exercise by the Owner of its liberty with referenceto the matters aforesaid or any of them or by reason of any other act of omission or commission on the part of the Owner or any other indulgences shown by the Owner or by any other matter or thing whatsoever which under law would, but forth is provision have the effect of relieving the Bank.

The bank also agrees that the Owner at its option shall be entitled to enforce this guarantee against the Bank as a principal debtor, in the first instance without proceeding against the 'Cyber Security Consultant' and not withstanding any security or other guarantee the Owner may have in relation to the 'Cyber Security Consultant's liabilities.

Notwithstanding anything contained herein above our liability under this guarantee is restricted to Rs. .... (in figure) (Rs.) (in words) and it shall remain in force up to and including .....and shall be extended from time to time for such period (not exceeding one year), as may be desired M/s on whose behalf this guarantee has been given.

Dated this ..... day of ..... 20 ..... at .....

**WITNESS:**

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Signature)



\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Official Address)

\_\_\_\_\_  
(Official Address)

Attorney as per power of Attorney No. ....

Date .....

***Notes: The stamp papers of appropriate value shall be purchased in the name of issuing bank.***

## **Annexure II**

### **FORMAT FOR FINANCIAL PROPOSAL SUBMISSION**

#### **PROFORMA OF CONTRACT AGREEMENT**

(To be stamped in accordance with Stamp Act)

No.

Date

To,

The Chief General Manager (T&C and Communication)

Assam Electricity Grid Corporation Ltd

Bijulee Bhawan, Paltan Bazar

Guwahati-781001, Assam

Dear Sir,

We, the undersigned, offer to provide the consultancy services for [Title of consultancy services] in accordance with your Bid Documents [Date] and our Proposal (Technical and Financial Proposals). Our attached financial proposal is as per the Price Schedule submitted via e-tender portal.

Our Financial Proposal shall be binding upon us subject to the modifications/ alteration/ amendments resulting from Contract negotiations and as per the Bidding Document.

We understand you are not bound to accept any Proposal that you receive.

Yours faithfully

(Authorized Signature & Company's Stamp)

(Name & Designation of the Authorized Signatory)

Name and Address of the Firm:

Dated this \_\_\_\_\_ day of \_\_\_\_\_

## Annexure III

### 1. IT infrastructure & application details of AEGCL corporate office

#### a) List of IT Infrastructures

List of Servers	Make	Model	OS
Web server	Intel	Intel Xeon E3-1230V3	Centos Linux 64-bit
Server	IBM	IBM System x3300 M4	Windows server 2012

#### b) List of applications (Web)

Name	No. of webpages
Official website	90
e-office system	
Tender Management System	
AEGCL Data Repository System (ADReS)	

#### c) List of network components

Component	Quantity	Make
Router	2	Cisco, Mikrotik
Switches	14	TP Link

### 2. IT infrastructure of AEGCL installed at SLDC

Location = SLDC				
Sl. No.	Particulars of Network Element	System	System OS	Qty
1	NMS System 1	Keymile System	Window 7 Pro	1
2	NMS System 2	ECI System	Window 7 Pro	1
3	Key Mile Mux	Keymile System	UMUX1500	1
4	ECI MUX	ECI System	BG 30 E	1
			<b>TOTAL</b>	<b>4</b>

### 3. IT infrastructure details at AEGCL substations

#### a) GSS Name: 132KV Kahilipara GSS

SI No.	Particulars Of IEDs and Network Elements	Level	Make	Model	Qty
1	Over Current Protection, Earth Fall Protection Line Backup Protection Relay	220 KV Feeder	NA	NA	NA
		132KV and 33 KV Feeder	ABB	REF615	1
2	Busbar Protection Relay	132 KV or 220 KV BUS	ABB	REB670	1
3	Bay Control Unit	220 KV Feeder	NA	NA	NA
		132KV and 33 KV Feeder	ABB	REC670	1
4	Line Distance Protection Relay	132 KV or 220 KV BUS	ABB	REL 670	1
5	Transformer Protection Relay	220 KV or 132KV	ABB	RET650	1
6	SAS PC	132 KV or 220 KV GSS	Advantech	610 H	1
7	Gateway PC	132 KV or 220 KV GSS	Advantech	610 H	1
8	Switch	132 KV or 220 KV GSS	Hirschmann		1
9	RTU	132 KV or 220 KV GSS	-	-	-
10	GPS	NA	MAIN BERG	LANTIME M300	1
11	PLCC	132 KV or 220 KV Line	SEIMENS		1
				<b>TOTAL</b>	<b>10</b>

**b) GSS Name: 220KV Samaguri GSS**

Sl No	Particulars Of IEDs and Network Elements	Level	Make	Model	Qty
1	Over Current Protection, Earth Fall Protection Line Backup Protection Relay	220 KV Feeder	Siemens, ALSTOM	7SA52, P444	2
		132KV and 33 KV Feeder	Siemens	7SJ8041, 7SJ66	2
2	Busbar Protection Relay	132 KV or 220 KV BUS	Siemens	7SJ85	1
3	Bay Control Unit	220 KV Feeder	Siemens	6MD86	1
		132KV and 33 KV Feeder	Siemens	7SJ85, 7SJ66	2
4	Line Distance Protection Relay	132 KV or 220 KV BUS	Siemens	7SA611, 7SA52	2
5	Transformer Protection Relay	220 KV or 132KV	ALSTOM	P643	1
			Siemens	7UT61	1
6	SAS PC	132 KV or 220 KV GSS	Advantech	510	1
7	Gateway PC	132 KV or 220 KV GSS	Advantech	510	1
8	Switch	132 KV or 220 KV GSS	Siemens	RSG2300	1
9	RTU	132 KV or 220 KV GSS	Siemens	SICAM-AK-CM-2848	1
10	GPS	NA	SERTEL	TGPS-300-509-A7	1
11	PLCC	132 KV or 220 KV Line	SEIMENS, ALSTOM		2
				<b>TOTAL</b>	<b>19</b>

**c) GSS Name: 132 KV Kamakhya GSS**

Sl No.	Particulars Of IEDs and Network Elements	Level	Make	Model	Qty
1	Over Current Protection, Earth Fall Protection Line Backup Protection Relay	220 KV Feeder	NA	NA	NA
		132KV and 33 KV Feeder	Micom	41216A6M0500J	1
2	Busbar Protection Relay	132 KV or 220 KV BUS	Micom	Central unit: P74134AA6M0510K	1
			Micom	Peripheral unit: P743316A6M0510K	1
3	Bay Control Unit	220 KV Feeder	NA	NA	NA
		132KV and 33 KV Feeder	Micom	C264MB16910012202000001111N10	1
4	Line Distance Protection Relay	132 KV or 220 KV BUS	Micom	P442216B6M0550K	1
5	Transformer Protection Relay	220 KV or 132KV	Micom	Differential: P642226D6M0050P	1
				Over current and earth Fall (132kV side): P141216A6M0510J Over current and earth Fall (33kV side): P141216A6M0360J	1
6	SAS PC	132 KV or 220 KV GSS	Micom	KV361416BA	1
7	Gateway PC	132 KV or 220 KV GSS	Micom	KV361416BA	1
8	Switch	132 KV or 220 KV GSS	Siemens	RS900NC	1
9	RTU	132 KV or 220 KV GSS	-	-	0
10	GPS	NA	MASIBUS	14020108	1
11	PLCC	132 KV or 220 KV Line	SEIMENS, ALSTOM		1
				<b>TOTAL</b>	<b>12</b>

#### 4. IT infrastructure at SLDC

a) List of IT infrastructures/ Network devices

Device	Quantity	Make	Model	OS
Router (SCADA)	2	CISCO	3900	Proprietary OS
Server (SCADA)	15	HP	Share Easy 1840	Windows storage Server 2012 R2
			Prolien, GEN 8th	Windows Server 2008 R2
			Prolien, GEN 8th	RedHat 5
Firewall (SCADA)	1	Fortigate	Fortigate 100 D	V6.2.8 build1232(GA)
	1	Checkpoint	Checkpoint 5400	3.10.0-957.21.3cpx86_64
Switches (SCADA)	7	CISCO	2960 XR	Proprietary OS
Workstation (SCADA)	3	Dell	Optiplex 9020	Windows 7 Professional
Workstation (AMR)	1	HP	OPAC	Windows 10 Pro

b) List of applications (Web)

Name	No. of webpages
Official website	90

## **General Terms & Conditions of Tender**

The following conditions are to be strictly fulfilled by the bidders while submitting their tenders.

1. Tenders not accompanied by the prescribed earnest money will be rejected outright.
2. Bidder has to accept the penalty clause as per specification otherwise tender will be considered as invalid.
3. Bid should be kept valid for acceptance for a period of 180 days from the date of opening of the bid. The bids valid for a period shorter than specified period shall be rejected as being non-responsive. In exceptional circumstances, AEGCL may request the bidder for a specified extension for the period of validity of the bid or Earnest Money or Performance Guarantee.
4. Incomplete tenders not containing the full details, technical particulars, delivery period etc. will be rejected.
5. Tender which is not submitted in the AEGCL's prescribed form shall be rejected. Any additional particulars can be furnished in the accompanying letter of statement.
6. Tender received in this office after the due date and time shall be rejected.
7. Prices must be indicated both in figures & words failing which the tender may be rejected.
8. Entire page of tender documents along with enclosure must bear company stamp and signature of the authorized signatory of the Bidder.
9. In case of any omission, confusion, typographical mistakes, AEGCL's interpretation will be final and shall prevail.
10. Offers must be made complete in all respect.
11. Bidder shall note and confirm that the scope of work shall fully complied with the technical specifications and meet AEGCL's requirement as far as practicable.
12. Bidder shall note that prices shall remain FIRM during contractual/execution period.
13. Bidders shall note and confirm that the AEGCL and its duly authorized representative(s) shall have access to the financial model/Business Plan and other documents of the selected bidder, used during the execution of work detailed in scope of work.
14. Successful bidder shall have to submit Bank Guarantee as stipulated under Contract Guarantee & Performance Guarantee clauses and will have to execute a Contract Agreement within the stipulated period, in the event of an order is placed.
15. Bidders shall accept all the above terms & confirm their acceptance.

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