

# **BID DOCUMENT**

**EXPRESSION OF INTEREST  
FOR  
SYPPPLY, INSTALLATION AND COMMISIONNING  
OF  
SERVERS AND ACCESSORIES  
IN  
SIW, BHUBANESWAR**

**NAME OF THE WORK:**

**Supply, installation and commissioning of servers and accessories at SIW,  
Bhubaneswar**



**The Superintendent Engineer  
The Odisha State Police Housing & Welfare Corporation Ltd.  
Janpath, Bhoi Nagar, Bhubaneswar – 22.**

## DATA SHEET

Serial No.	Items	Description
1	Company Name	<b>The Odisha State Police Housing &amp; Welfare Corporation Limited (OPHWC)</b>
2	Address	<b>Superintendent Engineer</b> The Odisha State Police Housing & Welfare Corporation Ltd., Janpath, Bhoi Nagar, Bhubaneswar – 22.
3	EOI Reference Number	<b>005/OPHWC/SYSTEM/2018-19</b>
4	Date of Issue of EOI	From <b>22/08/2019</b>
5	Last Date for Submission of EOI Response	<b>06/09/2019</b> up to 03:00 P.M.
6	Cost of EOI document	Rs. 5900 /-
7	EOI validity period	90 days from last date of submission of bid
8	Currency of EOI	Indian Rupees
9	Language of EOI	English
10	Website	<a href="http://www.ophwc.nic.in">www.ophwc.nic.in</a>

The EOI document can be downloaded at the website mentioned above from **22/08/2019** to **06/09/2019** up to 15:00 Hours The potential bidders who download the EOI from the website should submit a demand draft of Rs. 5900/- at the time of submission of EOI responses. The cost of bid documents in demand draft issued from any Nationalised Scheduled Bank should made/pledged in favour of **“The Odisha State Police Housing & Welfare Corporation Limited”** and payable at **Bhubaneswar**.

**Sd/-**  
**Superintendent Engineer**  
**OPHWC, Bhubaneswar**

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• 2 x 1 TB 7200 rpm SATA 3Gb/s hard drive or better (SSHD also acceptable).....	27
• Optical Drive – 22X DVD+/-R/RW (or better) with DVD writer Software. Shall be able to write on dual layer DVD media .....	27

## DISCLAIMER

The Odisha State Police Housing & Welfare Corporation Limited (**OPHWC**) intends to supply, installation and commissioning of servers and accessories at SIW, Bhubaneswar for implementation of C-DOT LEMF system integrated with CMS solution. OPHWC intends to select a System Integrator (SI) for supply, installation and commissioning of servers and accessories at SIW, Bhubaneswar along with the complete hardware setup. This document has been prepared based on available information in OPHWC and other publicly available documents, which OPHWC believes to be reliable. The sole objective of this document is to solicit response from interested parties for taking part in the future process leading to selection of System Integrator for supply, installation and commissioning of servers and accessories at SIW Bhubaneswar along with the complete hardware setup. OPHWC reserves the right to discontinue with the selection process of the System Integrator without assigning any reason thereof.

While this document has been prepared in good faith, no representation or warranty, express or implied, is or will be made, and no responsibility or liability will be accepted by OPHWC or any of their employees, advisors or agents as to or in relation to the accuracy or completeness of this document and any liability thereof is hereby expressly disclaimed. Interested Parties may carry out their own study/ analysis/ investigation as required as part of their due diligence before submitting their responses.

This document does not constitute an offer or invitation, or solicitation of an offer, nor does this document or anything contained herein, shall form a basis of any contract or commitment whatsoever.

Some of the activities listed to be carried out by OPHWC subsequent to the receipt of the responses are indicative only. OPHWC has the right to continue with these activities, modify the sequence of activities, add new activities or remove some of the activities, as dictated by the best interests of OPHWC.

## **PROPRIETARY NOTICE**

This document contains confidential information of OPHWC, which is provided for the sole purpose of permitting the recipient to evaluate the proposal submitted herewith. In consideration of receipt of this document, the recipient agrees to maintain such information in confidence and to not reproduce or otherwise disclose this information to any person outside the group directly responsible for evaluation of its contents, except that there is no obligation to maintain the confidentiality of any information which was known to the recipient prior to receipt of such information from OPHWC or becomes publicly known through no fault of recipient, from OPHWC or is received without obligation of confidentiality from a third party owing no obligation of confidentiality to OPHWC.

## **EXPRESSION OF INTEREST NOTICE**

### **For supply, installation and commissioning of servers and accessories at SIW, Bhubaneswar**

#### **About OPHWC:**

The Odisha State Police Housing and Welfare Corporation Limited (OPHWC) was incorporated as a wholly owned Government of Odisha Company on 24th May 1980 under the Companies Act, 1956 to meet the housing needs of the Police with enhanced priority as a welfare measure.

During more than 30 years of its existence, the OPHWC has developed expertise in planning, designing and construction of residential and non-residential buildings for the Police, Fire Services, Prison Administration and Judiciary. The Corporation has developed expertise in fortifying buildings vulnerable to extremist attacks in Maoist affected areas of the State. The Corporation is the nodal agency for construction of buildings under important Central Government schemes like Modernization of Police Force Scheme, Security Related Expenditure Scheme and the Special Infrastructure Scheme.

The OPHWC as a trusted construction Company provides quality construction and therefore has attracted clients outside its core area of responsibilities. The Corporation has constructed projects for Colleges and Universities under UGC Grant, Hospitals for National Rural health Mission, Schools for SC & ST Development Department, and Vocational Training Institutes for Industries Department etc. Starting with a turnover of Rs. 13.70 Lakh in the year 1980-81, the Corporation has been able to post a figure of more than Rs.300 Crores in the financial year 2015-16.

Applying the parameters as laid down in the criteria for categorization of PSUs the Government of Odisha has categorized the OPHWC as 'Silver' in the year 2011.

## **Purpose of this EOI**

OPHWC is in the process of selecting a System Integrator (SI) for supply, installation and commissioning of servers and accessories at SIW, Bhubaneswar for implementation of C-DOT LEMF system integrated with CMS solution, through competitive bidding process. The objective of this document is to solicit Proposal from interested parties System Integrators (SI), who satisfy the eligibility criteria set out in this document, who offer implementation and maintenance services for open source based integrated business solutions.

Based on the evaluation of EOI received, interested parties found acceptable by OPHWC based on the technical and commercial selection criteria set out, will be short-listed to participate in the subsequent bidding process for procuring open source application software.

It is expected that only the IT Infrastructure Service provider firms offering services for supply, installation and commissioning of servers and accessories will respond to this Expression of Interest notice.

## **The Scope of Work**

The Implementation of C-DOT LEMF Solution Integration with CMS would require servers, router, firewall and computers to be supplied, installed, commissioned and supported with warranty until next 3 years.

The offered equipment should not be end of sale within one year of last date of submission of tender and out of support for next 5 years.

The entire hardware and software shall carry a comprehensive onsite warranty of 3 years from the date of commissioning.



## The Prequalification Process and General Conditions

### The Procurement Process

The activities leading to the procurement of the services of the SI to provide the System Integration services to OPHWC will consist of the following key activities

**Invitation for EOI:** OPHWC invites System Integrators to submit Expression of Interest (Eoi) for consideration for selection of System Integrators (SI) to supply, installation and commissioning of servers and accessories at SIW, Bhubaneswar. A notice inviting for Expression of Interest has been published in leading daily newspapers and uploaded on the OPHWC website [www.ophwc.nic.in](http://www.ophwc.nic.in), as per standard practice of Government. This document with key details of the project and response formats is available for all potential and interested bidders through website or through the OPHWC office.

**Receipt of responses:** The responses from potential bidders who are interested in participating in the SI selection process will be received in sealed envelopes at the designated place, on a designated date and time as specified in this document.

**Evaluation of responses:** The information provided by the potential bidders as part of the response to this EOI will be evaluated against the conditions specified in the EOI to qualify for the subsequent processes of SI selection. Based on this evaluation, the potential bidders who meet the qualifying criteria will be short listed. The prequalification conditions have been formulated to assess the competence and capability of the potential bidding firms to meet the requirements of OPHWC for providing the system integration services.

**Request for Proposal:** A detailed Request for Proposal (RFP) with information on the specific requirements of OPHWC will be circulated to the short listed bidders. Only the short listed bidders will be invited formally by OPHWC to respond to Request for Proposal (RFP) and submit the techno commercial proposal as per the specifications to be elaborated in the RFP.

**Evaluation of the Proposals:** The responses from bidders, who submit their technical and commercial proposals against the requirements of OPHWC specified in the EOI, will be evaluated and the best value bid will be decided based on the criteria which will be elaborated in this EOI document.

### Right to Terminate the Process:

- OPHWC makes no commitments, explicit or implicit, that this process will result in a business transaction with anyone
- This EOI does not constitute an offer by OPHWC. The bidder's participation in this process may result in OPHWC selecting the bidders to engage in further responses, discussions and negotiations towards execution of a final contract. The commencement of any subsequent procurement activity resulting out of this EOI does

not signify a commitment by OPHWC either to continue the activities or to culminate such activities with a definitive contract.

- OPHWC reserves the right to withdraw this EOI if it determines that such action is in the best interest of the organization without assigning any reason whatsoever. Shortlisted bidders would be issued formal Request for Proposal inviting their technical and commercial bids at a later date, provided OPHWC decides to go ahead with the process.
- OPHWC undertakes that all the information shared by the bidders will be held in strict confidence and will not be made public unless directed by court of law or under RTI norms.

#### **Authenticity of the Information and Right for Verification**

- OPHWC reserves the right to verify all statements, information and documents submitted by the potential bidder in response to the EOI. Any such verification or lack of such verification by the OPHWC shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the OPHWC there under.
- In case it is found during the evaluation of the responses or at any time during the subsequent procurement process or before signing of the contract or after its execution and during the period of project execution resulting out of the contract thereof, that one or more of the pre-qualification conditions have not been met by the bidder, or the bidder has made material misrepresentation or has given any materially incorrect or false information, the bidder shall be disqualified forthwith if not yet awarded the contract either by issue of the letter of intent or entering into a contract.

#### **Additional Conditions**

- Timing and sequence of events resulting from this EOI shall ultimately be determined by OPHWC
- Responses are subject to rejection if they limit or modify any of the terms and conditions or specifications of this EOI
- Neither the bidder nor any of bidder's representatives shall have any claims whatsoever against OPHWC or any of its respective officials, agents, or employees arising out of or relating to this EOI or these procedures (other than those arising under a definitive service agreement with the bidder in accordance with the terms thereof).
- The Bidder should not bid under any Consortium. No Consortium bid shall be allowed for this EOI.

- The decision of the Corporation about selection of Vendors for issue of Prequalification applicants will be final. The Corporation is not bound to assign any reason thereof
- The bidder should not be under a declaration of ineligibility for corrupt and fraudulent practices issued by Government of India or any State Governments in the country of India. (To be furnished under Notarized Affidavit made at Bhubaneswar)
- The bidder must not have any history of defaulting in execution of work orders issued by Government of India or any State Government in the country of India. A self-declaration certificate to this effect should be enclosed. (To be furnished under Notarized Affidavit made at Bhubaneswar)
- The bidder has not been blacklisted by any Central / State Government institutions / undertaking and there has been no pending litigation with any government department because of similar services. (To be furnished under Notarized Affidavit made at Bhubaneswar)
- No Criminal Proceedings in any Court of Law should pending against the bidding Firm Or its Promoters Or its Directors Or its Executives. (To be furnished under Notarized Affidavit made at Bhubaneswar)

**Amendment to bid documents:**

- At any time, prior to the date of submission of bids, OPHWC may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bid documents by amendments.
- The amendments/Corrigendum will be notified on OPHWC Website and these amendments will be binding on them. Bidders are advised to visit OPHWC Website regularly for updates on this EOI.

**Extension of time:** In order to give prospective bidders required time in which to take the amendments into action in preparing their bid, OPHWC may at its discretion extend the deadline for submission of bid suitably.

**Submission of Bids:**

Only physical bids received by OPHWC office will be considered for opening. Bids sent through fax or email will not be considered.

The Bid should be submitted in a sealed cover in two parts as under

- a) **Technical Bid:** Envelope should subscribed "**Technical bid for supply, installation and commissioning of servers and accessories at SIW, Bhubaneswar**". It should contain the EOI Fee and all details as mentioned in Technical Bid [**Appendix – I to VII**]

- b) **Financial Bid:** The second envelope should subscribed "**Financial bid for supply, installation and commissioning of servers and accessories at SIW, Bhubaneswar**" and it should contain the rates etc. as per [**Appendix VIII**].

**Site Visit (s):** The bidder may wish to visit and examine the site (s) of the project and obtain for itself, at its own responsibility and risk, all information that may be necessary for preparing the bid and entering into the contract. The cost of visiting the site (s) shall be borne by the bidder.

**Training:** The bidder has to impart training to at least 2 (two) persons in the installation commissioned by them. They should give handholding support for 2 (two) months at site of installation until the software application is successfully installed.

Department Support

- a) SIW, Bhubaneswar will extend all possible necessary support to the project team of the vendor in order to achieve a good software as well as smooth updation and maintenance of it.
- b) In course of implementation of the project, the Department users will get back to the project team of the vendor as and when necessary in order to resolve any issues relating to the maintenance.

**Conflict of Interest:** The Authority requires that bidder must provide professional, objective and impartial advice and at all times hold the Authority interests paramount, strictly avoid conflicts with other assignments/jobs or their own corporate interests and act without any consideration for future work.

**Fraud & Corruption:** The Authority requires that bidder is bidding for this EOI must observe the highest standards of ethics during the performance and execution of such contract. In pursuit (pursuance) of this policy,

- a) "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of the Authority official by any personnel of bidder in procurement process or in contract execution.
- b) "Fraudulent practice" means a misrepresentation of facts, in order to influence a procurement process or the execution of a contract, to the detriment of the Authority, and includes collusive practices among the bidders (prior to or after Proposal submission) designed to establish bids at artificially high or non-competitive levels and to deprive the Authority of the benefits of free and open competition;
- c) "Unfair trade practices" means supply of services different from what is ordered on, or change in the Scope of Work which was given by the Authority.
- d) "Coercive practices" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the execution of contract.

- e) The Authority will reject a proposal for award, if it determines that the bidder recommended for award has engaged in corrupt, fraudulent, unfair trade practices or coercive practices.
- f) The Authority will declare a firm ineligible, either indefinitely or for a stated period of time, for awarding the contract, if it at any time determines that the firm has engaged in corrupt, fraudulent, unfair trade and coercive practices in competing for, or in executing, the contract.

**Amendments:** At any time prior to deadline for submission of proposal, The Authority may for any reason, modify the EOI. The prospective bidders having received the EOI shall be notified the amendments through website, such amendments should be binding on them.

**Clarifications:** During evaluation of the Proposals, The Authority may, at its discretion, ask the bidder for clarifications on their proposal. The clarification shall be given in writing.

**Rejection of Bid:** The Authority reserves the right to reject any proposals, in completely or in part, to waive any and all informalities, and to disregard all non-confirming, non-responsive or conditional proposals.

**Authentication of Bid:** The original and all copies of the bid document shall be type written in indelible ink and shall be signed by a person or persons duly authorized to bind the bidder to the contract. A duly stamped Power-of-Attorney accompanying the bid document shall support the letter of authorization. The person or persons signing the bid document shall initial all pages of the Bid document, including pages where entries or amendments have been made. All the pages of the proposal should be serially numbered. All parts of the bid shall be properly spiral bind together. There shall be no loose sheets. Documents submitted in clip file shall be rejected.

**Warranty:** The Bidder / Contractor shall give a warranty / support of the entire installation (Hardware) for a period of 3 year from the date of Installation and signoff.

**Force Majeure:** The Bidder / Contractor shall not be liable for failure, non-performance or delays in services resulting directly or indirectly from causes beyond its reasonable control, such as, Act of God, war, act of Terrorism, nuclear risks, riots, strike, political unrest, acts of Government, its agencies or officers, raw material shortage, labor shortage or any other legitimate cause beyond his reasonable control.

However, due LD shall be levied on Bidder / Contractor on its failure to adhere to work schedule approved by OPHWC while signing the contract. ON Completion, the Bidder / Contractor shall hand over a complete detailed document of the work "AS BUILT-IN" with operation Manual etc for future reference.

**PAYMENT TERMS:- AFTER DELIVERY & INSTALLATION OF ALL REQUIRED ITEMS.**

## Pre-Qualification Criteria for Systems Integrator

The interested firms should have the credentials to meet all of the following criteria to become eligible bidders for the selection process of System Integrator for supply, installation and commissioning of Servers and accessories at SIW, Bhubaneswar:

- Criteria related to Incorporation of the Firm:
  - a) The potential bidder must be having an office in Odisha, before the execution of Agreement after the finalization of Bidder.
  - b) The entity should have been operational in India at least for the last five financial years ending with 31.03.2019
  - c) The potential bidder must not be a consortium of firms.
  - d) The potential bidder must be an **ISO 9001 & 27001** certified company.
  - e) The potential bidder should have expertise working on similar work of supply, commissioning and support.
- Criteria related to financial viability and successful track record of delivering implementation / support services and the Copies of Filed Audited Statements, IT Returns, are to be submitted to corroborate this.
  - a) The potential bidder, a single legal entity registered in India, should be a profit making company for the last three years ending on 31.03.2019
  - b) The IT infrastructure average annual turnover for the last three financial years as above should be at least Rs 1.5 crores.
- Criteria related to experience in implementing / supporting open source applications.
  - a) The potential bidder must have experience of successful supplied, installed and commissioned of at least five similar projects in India.
  - b) At least two project should be similar to the scope of work mentioned in the document in time-bound manner for any Government Department /PSU /Autonomous body in Odisha. (*Project completion /Continuation certificate stating the above criteria must be submitted for consideration*)
  - c) Preference would be given for having experience in Govt / PSU Projects.
- Criteria related to Service Support Office:
  - a) It is mandatory that the applicant should either have / should set up an established service Centre in Bhubaneswar state of Odisha for a period of minimum 3 years for providing 24 hours x 7 days post implementation support.

- b) Complete address, contacts and Documentary evidence for the same needs to be provided. The contact details, especially the telephone numbers, of service focal point(s) should remain unchanged during the period of vendor's relation with the Corporation. In case, these are changed, the vendor would inform the Corporation at least 15 days in advance.
- c) The Bidder shall submit a weekly status report that he will resolve complaints and the Resolution time for all support-request / problem / issues.

## Response Requirements

Potential bidders may furnish their Expression of Interest by submitting the following documents in English language as per the indicated formats.

- a) Covering Letter as per the format provided in **Appendix I**.
- b) Supporting documents as per formats provided in **Appendix II** against each of the abovementioned qualifying criteria as proof of having the capabilities to support the requirements of OPHWC.
- c) Litigation Impact Statement as per format in **Appendix III**.
- d) Price Bid as per format in **Appendix VIII**.



The Expression of Interest in a sealed cover along with the cover letter and each page of the response duly signed by an authorized signatory and affixed with the company's seal must reach the following address on or before 06/09/2019 up to 15:00 hours. It is advised that the respondents keep the response brief, concise and to the point. It is suggested that the response, including annexure, should be less than 50 pages (with a font size of 12). The respondents are requested to submit the response in printed format (hard copy), along with signed letters and supporting documents in printed formats. The covering envelope containing previously mentioned documents submitted should be clearly marked with "Confidential – Expression of Interest for ***Supply, installation and commissioning of Servers & accessories at SIW, Bhubaneswar***". The potential bidders who download the EOI document from the website should also submit a demand draft receipt of Rs. 5900/- at the time of submission of EOI responses.

Indicative Timelines for this Expression of Interest notice are given below:

<b>Activity</b>	<b>Tentative date for the Activity</b>
Publication of Expression of Interest	22/08/2019
Last Date for Submission of EOI Response	06/09/2019 up to 03:00 P.M.
Opening of bid responses	06/09/2019 up to 04:00 P.M.

For further details and its operations, please visit OPHWC Website [www.ophwc.nic.in](http://www.ophwc.nic.in)

The response should be sent to the following address

**The Superintendent Engineer**

The Odisha State Police Housing & Welfare Corporation Ltd.,  
Janpath, Bhoi Nagar, Bhubaneswar – 22.

Email: [se.ophwc.od@nic.in](mailto:se.ophwc.od@nic.in)

An email may be sent to [se.ophwc.od@nic.in](mailto:se.ophwc.od@nic.in), for any queries on before 29/08/2019. "[***Supply, installation and commissioning of Servers & accessories at SIW, Bhubaneswar***]" may be included in the subject line.

Sd/-

**Superintendent Engineer  
OPHWC, Bhubaneswar**

## Appendix I:

### Cover Letter from the System Integrator

#### Company letterhead

[Date]

#### The Superintendent Engineer

The Odisha State Police Housing & Welfare Corporation Ltd.,  
Janpath, Bhoi Nagar, Bhubaneswar – 22.

#### Reference: Notice on Expression of interest for supply, installation and commissioning of servers and accessories at SIW, Bhubaneswar

Dear Sir,

This is to notify you that our company intends to submit a response to the Expression of interest for supply, installation and commissioning at SIW, Bhubaneswar.

Primary and Secondary contacts for our company are:

	Primary Contact	Secondary Contact
Name:		
Designation:		
Address:		
Mobile No.		
e-mail ID		

We confirm that the information contained in this response or any part thereof, including its exhibits, and other documents and instruments delivered or to be delivered to OPHWC is true, accurate, verifiable and complete. This response includes all information necessary to ensure that the statements therein do not in whole or in part mislead the OPHWC in its short listing process.

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 offering or accepting unduly favors from our company in the short listing process, we are liable to be dismissed



## Appendix II:

### RESPONSE FORMATS & SUPPORTING DOCUMENTS

The respondent must use the following formats to provide the information against each of the qualifying criteria specified in Section 5.

<b>Form</b>	<b>Format for Response</b>
1	<b>Criterion I:</b> Details of the Organization
2	<b>Criterion II:</b> Financial Information
3	<b>Criterion III:</b> Experience
4	<b>Criterion IV:</b> Service Support office in Odisha Information

**Form 1**

<b>Criterion I: Details of the Organization</b>	
<b>Name</b>	
<b>Nature of the legal status in India</b>	
<b>GST Number</b>	
<b>Date of Incorporation</b>	
<b>Date of Commencement of Business in Odisha</b>	
<b>Address of the Headquarters</b>	
<b>Address of the Registered Office in India</b>	
<b>Supporting Documents</b>	
Certificate of Incorporation from Registrar of Companies (ROC), PAN, GST Certificate	

**Form 2**

<b>Criterion II: Financial Information</b>			
	<b>FY 2018-19</b>	<b>FY 2017-18</b>	<b>FY 2016-17</b>
<b>Revenue (in INR Crores)</b>			
<b>Profit Before Tax (in INR Crores)</b>			
<b>Revenue from IT Services (in INR Crores)</b>			
<b>Supporting Documents</b>			
a) Auditor Certified financial statements for the last three financial years, 2018-19, 2017-18, 2016-17 (Please include only the sections on P&L and the assets, not the entire balance sheet.) b) Certification by the company auditors supporting the revenue break-up			

**Form 3**

<b>Details of the Client Organization</b>			
<b>Experience in similar to the scope of work mentioned in the document in time-bound manner for any Government Department / PSU/ Autonomous body in Odisha/India</b>			
<b>Serial no.</b>	<b>Work Order No. &amp; Client Address</b>	<b>Work Order Details</b>	<b>Work Order Value</b>
1.			
2.			
3.			
4.			
5.			
<b>Total</b>			
<b>Supporting Documents</b>			
Self-attested Work orders along with Completion Certificate.			

**Form 4**

<b>Criterion V: Service Support office in Odisha Information</b>	
<b>Date of Commencement of Business</b>	
<b>Address of the Headquarters</b>	
<b>Address of the Registered Office in Odisha</b>	
<b>Supporting Documents</b>	
Rent Agreement / Labours License / Bank Statements	

## Appendix III:

### LITIGATION IMPACT STATEMENT

#### Company letterhead

[Date]

#### The Superintendent Engineer

The Odisha State Police Housing & Welfare Corporation Ltd.,  
Janpath, Bhoi Nagar, Bhubaneswar – 22.

#### Reference: Notice on Expression of interest for supply, installation and commissioning of Servers and accessories at SIW, Bhubaneswar

Dear Sir,

We have read and understood the contents of the Notice on Expression of Interest and pursuant to this hereby confirm that we satisfy the eligibility criteria laid out therein.

We hereby confirm that save as may be set out in the schedule attached to this statement, there is no litigation (including court, arbitration and other proceedings), inquiry or order from any regulatory authority, current or pending against us, which if adversely determined might have material adverse impact on our ability to carry on our business or pay our debts as they fall due or on our ability to enter into any of the transactions contained in or contemplated in respect of supply, installation and commissioning of Servers and accessories at SIW, Bhubaneswar.

(Signature)

(In the capacity of)

Duly authorized to sign the EOI Response for and on behalf of:

Sincerely,

**[SYSTEM INTEGRATOR'S NAME]**

**Name**

**Title**

**Signature**

**Date**

(Name and Address of Company)

Seal/Stamp of System Integrator

## Appendix IV:

### SERVER SPECIFICATIONS

S. No.	Parameter	Specifications
1.	Processor	Intel® Xeon® processor Gold 6152 or higher
2.	No of Processors	2
3.	Memory	128 GB using 8x16GB 16GB RDIMM, DDR4-2133MT/s, or higher (LRDIMMs also acceptable)
4.	PCI Slots	Minimum 1 nos. of PCI-Express Gen3 Slot shall be available for future expansion (After taking into account all the mandatory and optional hardware mentioned in this document)
5.	Interface Ports	a) Serial port - 1; b) Mouse - 1; c) Keyboard - 1; d) VGA Graphics - 1; e) USB 3.0 or above - 4; f) RJ45 Network ports - 4 +1(for Remote Management) (In case Mouse and Keyboard are, USB based then additional USB ports to be given. Similarly, for serial port converted from USB, additional USB port shall be provided along with USB to Serial converter.)
6.	Hard Disk Drive	To be supplied with 6 x 1.8TB (or higher capacity), 10K rpm 12G SAS Enterprise HDD in RAID6.
7.	Bays	Should support minimum 8 nos. of SAS Drives
8.	RAID Controller	12 Gbps or higher throughput HW RAID Controller supporting RAID 0/1/1+0/5/6 with minimum <b>1 GB</b> of Flash-backed write cache.
9.	Optical Drive (internal/external)	DVD-RW Drive (or DVD/CD Compatible Blu-Ray Disc Drive). External is acceptable if tray is provided.
10.	Graphics Controller	Integrated on-board graphics with support for 16 Million colours: resolution of 1280 X 1024 or higher
11.	Gigabit Ethernet ports	4 nos of Gigabit Ethernet ports full duplex. The network ports should also provide the following functionalities for all supported OS: <ul style="list-style-type: none"> <li>• Ethernet Bonding, Failover and load balancing,</li> <li>• Wake on LAN,</li> <li>• Pre-Boot Execution Environment (PXE),</li> </ul>



		<ul style="list-style-type: none"> <li>• Multiple VLAN tagging,</li> <li>• Auto-negotiation for 10/100/1000 Mbps</li> </ul>
12.	Redundant Power Supplies	Redundant Hot Plug Power Supplies (230 VAC). The power supplies shall be either 80 Plus platinum certified or better
13.	Redundant cooling Fans	Redundant Hot Plug fans
14.	Form Factor	Rack mountable with rack mount kit and rails (preferably 2U or less)
15.	OS Support	The quoted server should support the following Operating Systems: a) RHEL 6.9 and above; b) VMware vSphere™ 6.0 and above
16.	Backup drive	LTO-6 tape drive (preferably internal) with six media and one cleaning cartridge <i>*in case external tape drive is quoted additional controller and rack mounting accessories shall be provided</i>
17.	Remote Manageability	a) It shall be possible to manage the server hardware and software components remotely. b) The server hardware shall be manageable even when it is shutdown or crashed. c) It shall be possible to power on/off and boot the system remotely; d) It shall have the following features: <ul style="list-style-type: none"> <li>• real time power reading;</li> <li>• POST replay;</li> <li>• Event log;</li> <li>• Browser and CLI support;</li> <li>• Secure Socket Layer;</li> <li>• Secure Shell.</li> </ul>
18.	Server Management	OEM software for management of Servers must be included as standard. It should integrate with any SNMP based industry standard Network Management Software. (The SNMP MIBs for all the hardware and software components shall be provided in a DVD or USB media). Should provide Fault management and automatic event handling through e-mail/SMS. Should provide Role based secured remote management using Secure Sockets Layer (SSL) and Secure Shell (SSH) to encrypt management communications.

		Should provide Pre-failure warning for- CPU, Memory, and HDD. Preferably, it should have local LED/LCD based diagnostic panel for easy fault identification.
19.	Warranty	The entire hardware and software shall carry a comprehensive onsite warranty of 3 years from the date of commissioning

## Appendix V:

### DESKTOP SPECIFICATIONS

S. No.	Parameter	Specifications
1	CPU/Speed	Intel® Core™ i7-7700 with Intel® HD Graphics 630 (3.6 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores)
2	RAM	16 GB DDR4-2400 SDRAM (upgradable to 32 GB without discarding existing memory)
3	Storage	<ul style="list-style-type: none"> <li>• 2 x 1 TB 7200 rpm SATA 3Gb/s hard drive or better (SSHD also acceptable)</li> <li>• Optical Drive – 22X DVD+/-R/RW (or better) with DVD writer Software. Shall be able to write on dual layer DVD media</li> </ul>
4	Video Controller	Intel HD Graphics Multiple Displays, Multi-Tasking Display port out for dual independent Displays
5	Graphics	21.5" LED Flat Panel Display with 1920X1080 resolutions
6	Keyboard	Multimedia/Internet Keyboard and Optical Mouse from OEM
7	Audio	<ul style="list-style-type: none"> <li>• Integrated high definition with audio ports</li> <li>• High Definition Stereo Headset (Headphone with Microphone) with noise cancellation</li> <li>• External Stereo Speakers</li> </ul>
8	Network Interface	2 x 10/100/1000 Mbps Ethernet Network Card, Auto sensing.
9	Bus Slots	One x16 PCI Express slot
10	Ports	Minimum 6 USB 2.0/3.0 ports inclusive of at least two USB 3.1 1 RJ45 1 VGA 1 Display Port 2 Line in (stereo/microphone) 2 Line out (headphone/speaker)
11	Mouse	Optical Scroll (3 button) Mouse with mouse pad
12	Power Supply	220-240 VAC, 50 Hz With Indian Power cables
13	Drivers/Accessories	Required drivers and cables to be provided
14	O.S.	Genuine Microsoft 64-bit Windows 10 Professional with

		License and Media. (Restore CD's not acceptable. Required Driver CD's to be provided).
15	Warranty	<ul style="list-style-type: none"> <li>• 3 years' Comprehensive onsite warranty support for Hardware and OS from the date of Installation/Acceptance</li> <li>• Vendor should provide OEM warranty card mandatorily</li> <li>• The equipment shall be supported for at least 5 years from the date of acceptance</li> </ul>
16	Post Sales Support	Principal/Supplier should have a full-fledged service center at the city of installation
17	Installation	Installation/Creation of Partition, OS Installation and enabling Restore option onsite
18	Cables, Drivers connectors and accessories	All the necessary cables, drivers, connectors and accessories if any should be provided.

## Appendix VI:

### 42U RACK SPECIFICATIONS

S. No.	Parameter	Specifications
1	DIMENSIONS	42U 800mm (W) X 1200mm (D)
2	COLOUR	Powder coated Black
3	Specifications	<p>At least two (2) rear vertically mounted PDUs with a total of 24 nos. of 6A/16A, 230V, C13 sockets. The inputs to the PDUs shall be provided using NEMA connectors. Two sets of single phases 32A NEMA connectors (each set inclusive of both male and female parts) along with 2 nos. of 32A MCBs and mounting boxes` shall be provided. 15-meter-long FRLS power cables with each wire having 4 mm<sup>2</sup> cross sectional area shall be provided for input to each PDU. The electrical cabling from the UPS output point available at the site to the NEMA connector BOX near the rack shall have to be carried out by the bidder using 4 mm<sup>2</sup> FRLS cable and appropriate cap-on-casing or conduit depending on the site suitability. All cables, sockets and circuit breakers shall be ISI/UL certified.</p> <p><b>Note: Compatible Power Cords should be provided for all Equipment Supplies.</b></p>
4		Top mounted Fan Tray with 4 fans (should not consume mounting slots (out of 42 U) or sockets in the PDU)
5		1 Fixed tray
6		1 sliding 2U drawer
7		Wheels with locks
8		1 U sliding rack optimized Keyboard, mouse, monitor with KVM to connect 6 servers and the networking equipment
9		Grounding Kits
10		<p>Perforated metal front door (single) and back doors (double) with door knobs at the outside of the doors and both should have unique lock and key arrangement.</p> <p>There shall be two LED lamps inside the rack, one at the front side and one at the back side which shall turn-on only when the front door and the back doors are opened. The purpose is to provide visibility to the front and back sides of the equipment inside the rack.</p>
11		Rear vertical cable managers
12		Metallic side panels
13		Provision for air flow
14		Mounting Hardware
15		100 nos. of nuts and bolts

16		A Packet consisting of 100 nos of reusable Velcro tie wraps
17		RJ-45 Cat 6E patch cords, factory crimped with boot for protection, UL/ETL Certified, length, length: 3 Meters
18	Cables, Drivers connectors and accessories	All the necessary cables, drivers, connectors and accessories if any should be provided.

## Appendix VII:

### SECURE SERVICE ROUTER SPECIFICATIONS

S.No.	Specifications
<b>A.</b>	<b>Performance Requirement</b>
1.	Wire-speed performance equivalent to 45Mbps or higher for concurrent services such as Routing and Firewall, IPS, VPN, Encryption/Decryption.
2.	Active/Active and Active/Standby support for all services and stateful failover of runtime sessions using integrated or dedicated Stateful Firewall. In case if firewall is dedicated module or chassis it should support transparent mode to avoid the creation of additional L3 network in-between.
3.	<ul style="list-style-type: none"> <li>• 4x10/100/1000 Mbps and 2xGigabit SFP (SX &amp; LX one each) router Ports (At least 4 Ports should be usable in any combination)</li> <li>• 16x10/100/1000 Mbps L3 Switched Ports at wire speed,</li> </ul>
4.	Hardware based encryption and VPN Support for 3DES, and AES 256, VPN tunnels.
5.	Intrusion Prevention as well as other essential security features.
<b>B.</b>	<b>Routing &amp; Multicasting</b>
6.	IPv4 and IPv6 support, including IPv4-IPv6 tunnels
7.	Static routing, RIPv1/2, RIPv6 for IPv6, OSPFv2 and v3, BGP4/4+
8.	Policy-based routing
9.	Inter-VLAN routing
10.	High availability: VRRP, redundant router connections
11.	IGMPv1/2/3 for IPv4; MLDv1/2 for IPv6
12.	PIM-SM for IPv4/v6
<b>C.</b>	<b>LAN Features</b>
13.	10/100/1000 Base-TX
14.	IEEE 802.1x port authentication, MAC based authentication
15.	IEEE 802.1p
16.	IEEE 802.1Q
17.	IEEE 802.3ad LACP
18.	IEEE 802.1s MSTP
19.	VLAN Registration Protocols for dynamic VLANs
20.	Port mirroring
21.	Jumbo frames
<b>D.</b>	<b>WAN Features</b>
22.	Serial V.35
23.	Point-to-Point Protocol (PPP), including PPP over Ethernet (PPPoE)
24.	HDLC

S.No.	Specifications
25.	Multilink PPP (MLPPP)
<b>E.</b>	<b>Quality of Service/Traffic Management</b>
26.	WRED, DiffServ, bandwidth guarantee/sharing, flow monitoring, traffic policing
27.	8 level Priority Class Based Queuing – Per IP address/subnets, ports, DSCP and ToS bits, VLAN ID, (802.1Q), VLAN Priority (802.1p)
28.	VLAN Classification (port and MAC based)
<b>F.</b>	<b>Firewall</b>
29.	Stateful Packet Inspection and failover Firewall
30.	Routed or transparent mode of operation
31.	Multiple zone support (including Corporate, Internet, DMZ)
32.	Access Control Lists (ACL)
33.	NAT, including policy-based NAT/PAT
34.	Multiple Distributed Denial of Service (DDoS) Attack Preventions
35.	IPSec, PPTP
36.	<b>IPS:</b> Integrated Inline DPI based detection and mitigation of all network threats and viruses. Signature updation/distribution should be possible through centrally placed in-house management server.
<b>G.</b>	<b>VPN</b>
37.	Integrated hardware for encryption and VPN acceleration
38.	IPSec VPN with Stateful failover, <b>Group VPN Based on RFC 6407, GDOI</b>
39.	3DES, AES, SHA1, SHA-256
40.	VPN Client support
<b>H.</b>	<b>Management &amp; Service provisioning</b>
41.	Management: Telnet, SSHv2, SFTP, PAP, CHAP, SNMPv2, SNMP v3, DHCP, DNS Proxy, RADIUS, TACACS+, PKI functions and management of keys and X.509 digital certificates.
42.	Monitoring: Syslog, statistics, RMON, alarm
43.	Diagnostics: BERT, loopback testing, trace route, packet capture
<b>I.</b>	<b>Reliability &amp; Availability</b>
44.	Redundant power supply (Internal) and variable-speed cooling fans.
45.	Hot swappable Modules
<b>J.</b>	<b>International Power Safety &amp; Energy efficiency certifications</b>
46.	UL/CSA/IEC/EN 60950-1
47.	Common Criteria (ISO/IEC 15408) EAL or NIAP/CCEVS Protection Profiles certification for the model or family



### Appendix VIII:

#### PRICE BID

That Bidder who meet the eligibility criteria should give supporting documents for technical evaluation and financial evaluation as per the following template.

Sl. No	Description of Items	Brand	Qty	Unit	Base Rate (Rs.)	Tax	Rate Including Tax (Rs.)	Amount (Rs.)
					(Approx.)	(%)		
	<b>PART –A (Supply Materials)</b>							
1	Server (AS + DB) as per specifications (Appendix IV)		2	Nos				
2	Desktop with RHEL 6.9 or above as per specifications (Appendix V)		1	No				
3	Desktop with pre-loaded windows 10 as per specifications (Appendix V)		10	Nos				
4	Router, Firewall etc., as per specifications (Appendix VII)		1	No				
5	OS: RHEL server version 6.9 software		2	Nos				
6	RJ-45 Cat 6E cables, 3 Mtrs		15	Nos				
7	19" rack with KVM, rack optimized mouse, keyboard & Monitor as per specifications (Appendix VI)		1	No				

8	24 Port managed Switch (Non PoE)( <b>WEB MANAGED</b> )		1	No			
9	6KVA Online UPS (Pure Sine Wave / External Battery Module) ( <b>1 No. of Battery Back up</b> )		2	Nos			
10	Antivirus for Windows Desktop – blocks viruses & cryptocurrency mining malware (3 Years)		10	Nos			
11	Bio-metric Devices having Fingerprint & Face Recognition (10 Users) (3 Years)		2	Nos			
				<b>Sub Total</b>			
	<b>PART – B (Installation Part)</b>						
1	Commissioning of the Servers, Computer, Firewall		1	Lot		18	
				<b>Sub Total</b>			
	<b>GRAND TOTAL = Part A + Part B</b>						
	<b>Grant Total (in words)</b>						