



Indian Council of Forestry Research and Education

(An Autonomous body of the Ministry of Environment, Forest and Climate Change, Government of India)

P.O. New Forest, Dehradun – 248 006 (Uttarakhand), INDIA

No.11/2018/ESIP/BCC/ICFRE/

Dated: 25/02/2021

Request for Quotations for purchase of two Rack Servers and one Hardware-Based Web Application Firewall (WAF)

Name of Project: Ecosystem Services Improvement Project

Procurement Reference No.: IN-ICFRE-220311-GO-RFQ

1. The Government of India has received grant from the World Bank toward the cost of the Ecosystem Services Improvement Project (ESIP). Indian Council of Forestry Research and Education (ICFRE) is one of the Project Implementing Agencies and implementing one of the components of ESIP *i.e.* Scaling up Sustainable Land and Ecosystem Management in Selected Landscapes, and intends to apply the part of proceeds of this grant to eligible payments under the contract for which this Request for Quotations is issued. The procurement process will be conducted in accordance with the shopping procurement method contained in the World Bank Guidelines: Procurement of Goods, Works and Non-consulting Services under IBRD Loans and IDA Credits and Grants by World Bank Borrowers, dated January 2011, revised in July 2014.
2. ICFRE has engaged M/s Ernst & Young LLP for Developing an 'Online National Reporting Database Portal (NRDP) for Capturing Trends and Status of Key Progress and Performance Indicators on Land Degradation and Desertification'. Broad objectives of this portal are designing and development of the portal using Content Management System (CMS), Land Degradation and Desertification Reporting Module, Learning Management System, Document Management System, Dashboard & MIS Reports, Online Query and Ticketing System, Facilitating the Security Audit, Deployment and Go-Live.
3. ICFRE now invites request for quotation for supply of Rack Servers and Hardware-Based Web Application Firewall (WAF) as per following details:

Name of the goods	Specifications	Quantity
Rack Servers	(a) Processor: 2.6GHz, 64 bit, 24-core, 30 MB cache (b) Memory: 64 GB, DDR4-2933 (c) Internal Storage: 1 TB SAS 6 Gbps throughput Hot Plug, RAID 0,1,5 support (d) OS Support: Ubuntu 18+ (e) HBA Card (f) 3 years comprehensive warranty support	02
Hardware-Based Web Application Firewall (WAF)	(a) 1000 TPS (b) Protection against OWASP API Top 10 (c) Application layer encryption to protect against man in the browser attacks (d) Auto learning of traffic along with the ability to stage new signatures (e) WAF should support both positive security model and Negative security model (f) WAF should support unlimited policies and unlimited certificate uploads (g) Advance BOT detection (h) DDOS protection (i) Should be supported for atleast five years in terms of patching, firmware and signature update. (j) SQL Injection protection (k) Cross Site Scripting protection (l) Security for Virtual patching (m) Known threat and zero-day attack protection (n) Web Defacement Protection (o) Built in Vulnerability scanner (p) File upload scanning with AV and sandbox (q) With 3 years comprehensive warranty support.	01

4. **Scope of Work:** ICFRE intends to procure rack servers and Web Application Firewall (WAF) for the successful go live of NRDP, upon the successful development of NRDP applications by E&Y. These hardwares shall be installed in one of existing Racks (42 u) available at ICFRE Data Centre. The existing power supply, cooling and network connectivity shall be used for running these new hardware. ICFRE expects the Vendor to study the current architecture of ICFRE Data Centre for the successful completion of Go-Live of NRDP application.
5. The Firm is required to supply, install, and commissioning of new hardware as per the specifications mentioned in Para 3.
6. Roles and Responsibilities of the Firm:-
 - a) To supply, install and commissioning of above mentioned items at ICFRE Data Centre and provide related documentation.
 - b) To ensure successful integration of above mentioned items with the existing system / architecture of the ICFRE Data Centre.
 - c) Configuration of server and WAF parameters, operating system administration and tuning.
 - d) Re-installation of the event of system crash / failures.
 - e) Admin level training for operation and maintenance of WAF and Rack Servers to be imparted to ICFRE
 - f) The firm shall ensure that the products (hardware/software etc.) quoted are not at the “End of Life/Sale for next 3 year” as on RFQ submission date. If in case the support for the product quoted has been stopped/withdrawn till the time of delivery of equipment, the same will be changed with the same or higher product at no extra cost. However, OEM has to ensure product support for more than 7 years once product is declared end of life/sale. The firm should provide support including spares, patches for the quoted products for the entire period of the warranty without any additional cost to ICFRE. If at any point of time during the warranty period, it is found that the product is out of support within the specified time, the firm is liable for upgradation/replacement of product.
7. You are invited to submit your price quotation for the supply of above mentioned two Rack Servers and one Hardware-Based Web Application Firewall (WAF) for Project Implementing Unit, Ecosystem Services Improvement Project, ICFRE as per specifications mentioned in Para 3 as per the format given in Annexure - I.
8. Quoted price will be evaluated for each item and contract will be awarded to the responsive bidder offering the lowest evaluated rate.
9. Quotation(s) must be marked “Quotation for Supply of Rack Servers and Hardware-Based Web Application Firewall (WAF)” and addressed to the:

Project Director
Ecosystem Services Improvement Project
Room No: 143
Indian Council for Forestry Research and Education
P. O. New Forest, Dehradun, Uttarakhand-248006 (INDIA)
10. Quotation should be accompanied by adequate technical documentation and catalogue(s) and other printed material or pertinent information for each item quoted, including names and addresses of supplier providing after sales service facilities.
11. The deadline for receipt of quotation at the address indicated above is 10 March 2021 by 13:00hrs.
12. Quotation should be submitted as per the instruction contained in the Annexure – II of this document.
13. The prices should be quoted in Indian Rupees and should be inclusive of all taxes (GST). No price increase will be allowed after the submission of Quotations.
14. Validity of the Offer: Quotation shall be valid for a period of 90 days from the date for receipt of quotation(s) indicated in Paragraph 11 above.
15. Evaluation of Quotations: The procurement committee ESIP-PIU, ICFRE will evaluate and compare the quotations determined to be substantially responsive i.e. which are properly signed; and conform to the terms and conditions, and specifications of the RFQ.
16. The request for quotations would be evaluated combined for all items.
17. Award of contract: The contract will be awarded (above items) to the Firm whose quotation has been determined to be substantially responsive and who has offered the lowest price.
18. Notwithstanding the above, the ICFRE reserves the right to accept or reject any quotations and to cancel the procurement process and reject all quotations at any time prior to the award of contract.

19. The Firm whose quotation is accepted will be notified for the award of contract by the ICFRE prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
20. The successful firm shall deposit the security money of 10% of the total contract value in the form of bank guarantee/FDR, with validity for a period of six months beyond the warranty period.
21. Payment shall be made after successful delivery and installation of the goods / Works / Services.

Yours faithfully,

Project Director
ESIP, ICFRE

Format of Quotation*(on Firm Letter Head)*

Date:

To

Project Director,
Ecosystem Services Improvement Project
Room No: 143
Indian Council for Forestry Research and Education
P. O. New Forest, Dehradun, Uttarakhand-248006 (INDIA)

Sub.: Request for Quotation for supply, install and commissioning of two Rack Servers and one Hardware-Based Web Application Firewall (WAF) for ESIP Project Implementation Unit

Madam/ Sir,

We offer to execute the supply of two Rack Servers and one Hardware-Based Web Application Firewall (WAF) for ESIP Project Implementation Unit in accordance with the conditions of contract, as per following quoted price:

S. No.	Name of the goods	Specifications	Quantity	Price Quoted (INR)		
				Unit Price	GST	Total
1	Rack Servers	(a) Processor: 2.6GHz, 64 bit, 24-core, 30 MB cache (b) Memory: 64 GB, DDR4-2933 (c) Internal Storage: 1 TB SAS 6 Gbps throughput Hot Plug, RAID 0,1,5 support (d) OS Support: Ubuntu 18+ (e) HBA Card (f) 3 years comprehensive warranty support	02			
2	Hardware-Based Web Application Firewall (WAF)	(a) 1000 TPS (b) Protection against OWASP API Top 10 (c) Application layer encryption to protect against man in the browser attacks (d) Auto learning of traffic along with the ability to stage new signatures (e) WAF should support both positive security model and Negative security model (f) WAF should support unlimited policies and unlimited certificate uploads (g) Advance BOT detection (h) DDOS protection (i) Should be supported for atleast five years in terms of patching, firmware and signature update. (j) SQL Injection protection (k) Cross Site Scripting protection (l) Security for Virtual patching (m) Known threat and zero-day attack protection (n) Web Defacement Protection (o) Built in Vulnerability scanner (p) File upload scanning with AV and sandbox (q) With 3 years comprehensive warranty support.	01			

We agree to supply the above item(s) in accordance with the technical specifications and above mentioned roles and responsibilities for a total contract price of Rs. (Rupeesonly) as per the detailed description specified in the request for quotation.

We hereby certify that we have taken steps to ensure that no person acting for us on our behalf will engage in bribery.

Authorized Signature:
Name and Title of Signatory:

Instructions for Preparing Quotations

1. **Scope of Procurement:** Invites price quotations for procurement of the two Rack Servers and one Hardware-Based Web Application Firewall (WAF) as described in the Para 3. The successful Firm will be expected to complete the delivery and installation in all aspects within due time.
2. **Eligibility to Quote:** Firms duly registered with tax authorities may be eligible to participate only if they also:
 - a. Submit proof of registration with the Income Tax Department and Sales Tax Department/GST with the quotation. (Failure to enclose these documents would result in rejection of quotation).
 - b. Submit only one quotation, either individually, or as a partner in a joint venture. All quotations submitted in violation of this rule shall be rejected. Partners in a joint venture shall be jointly and severally liable for the execution of the contract.
3. **Qualification of the Firm:** To qualify for award of the Contract, a firm shall meet the following minimum qualifying criteria:
 - a. As manufacturer/supplier/distributor/authorize representative must have at least three years of experience in manufacturing/supplying/distributing and sale of the Rack Servers and Hardware-Based Web Application Firewall (WAF) mentioned in Para 3. Proof of same may be provided with RFQ
 - b. Authorized Dealership Certificate must be provided with the RFQ.
4. **Documents Comprising the Quotation:** The proposal submitted by the Firm must comprise of following documents:
 - a. Quotation on the letter head of Firm (As per sample format attached ‘Annexure-I’)
 - b. Qualification and Experience Information and other relevant documents
 - c. Copies of registration/taxation documents
 - d. Certificate of authorized dealership
 - e. Unit Price of the two Rack Servers and one Hardware-Based Web Application Firewall (WAF) including FOR
5. **Currency of Quotations:**
 - a) Rate inclusive of GST shall be quoted in Indian Rupees.
 - b) The rates and prices quoted by the Firm shall be fixed for the duration of the Contract and shall not be subject to any adjustment on any account.
6. Quotations should be valid for 90 days.
7. Each firm shall submit only one quotation.
8. The Project Director reserves the right to increase or decrease quantities of the items.
9. Decision of Director General, ICFRE will be final in case of dispute (if any).