राजकीय इन्जीनियरिंग कालेज

कटरिया याकूबपुर, अम्बेडकर नगर (उ०प्र०) – 224122 भारत

Rajkiya Engineering College

Katariya Yakoobpur, Ambedkar Nagar, (U.P.) – 224122Cell Phone: 91-9454439590
AICTE APPROVED GOVERNMENT ENGINEERING COLLEGE Website: www.recabn.ac.in
VIDE APPROVAL LETTER No. F. No. Northern/1-3511948247/2018/EOA DATED: 30-Apr-2018 E-mail: director@recabn.ac.in
Affiliated to Dr. A.P.J. Abdul Kalam Technical University Lucknow, U.P., India

RECABN/TEQIP-III/2019/198   Date: 18/06/2019

INVITATION FOR QUOTATION FOR INFORMATION SECURITY Lab

To,

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Dear Sir,

You are invited to submit your most competitive quotation for Information security lab for the Rajkiya Engineering College, Ambedkar Nagar. In this connection, submit your financial offers/quotation as per the product in the given format in Annexure-II for information Security lab. The details of specifications is given in Annexure-I

Sr. No	Name of Particular/ Product/Package Brief Description	Quantity	Place of Delivery	Installation & Training Required
1	**Information Security Lab** As per specification (Attached in Annexure-I)	As per annexure-I	Rajkiya Engineering College, Ambedkar Nagar	YES

Government of India has received a credit from the International Development Association (IDA) in various towards the cost of the **Technical Education Quality Improvement Programme (TEQIP) Phase -III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

Sr. No.	Product name	Technical Specifications	Qty.
1	Monosek Network Analyzer for information security	The package should be having :10 USER license and along with server. Monosek Network and protocol Analyzer system; Server with Intel Mother Board; Embedded Linux; Application software; SDK(Consists of C callable API Interface Library sample applications); GUI software; CentOS operating system. Technical Features of Monosek: System should come with Intel Xeon processor E-Series with minimum Quad core >=3Ghz, 8GB DDR4 RAM, 1 TB HDD with Ubunutu Operating system with 2 PCI X8 slots along with 1X6 Gbps NFE-3240. ☐ System with Protocol, Flow, Session, IDS/IPS, GEOIP libraries. ☐ Should support passive, Inline and TAP modes of operation. ☐ Should work as a Network Protocol Analyzer & Network Session Analyzer. ☐ Should support IDS/IPS for vulnerabilities using Deep packet inspection techniques. ☐ Should handle high speed Network traffics up to 6Gbps. ☐ Should be able to capture 100% packets without any drops. ☐ Time stamp for each IP packet with Hour-Minute-Seconds-Milliseconds-Microseconds. Time stamping with 11ns accuracy. ☐ Should study various protocol traffic patterns. ☐ Should support from Layer 2 to Layer 7 field extraction. ☐ Should be able to operate in Stealth Mode i.e. Third Party Devices cannot reach and should be free from Network attacks. ☐ Should support VOIP, VLAN, and Unique TAG for the card for Network forensics. ☐ Should be capable of creating sessions for Http, SMTP, Pop3, VOIP and etc. ☐ SDK and API support for R&D and future developments. ☐ Should have processing power with 40 MES @ up to 1.2 GHz. ☐ Should support packet classification up to 128,000 rules. ☐ Lowe Latency with less than 100μs for inline x86 applications and less than 40μs for full traffic offload. ☐ Flow analysis and action processing for up to 8 million flows in hardware. ☐ Should support Hardware based cryptography and PKI operations. ☐ C/C++callable libraries for all the libraries. ☐ Should support interfacing third party software likes Qradar, Stenography Etc.	1

| 2 | I- SECURIT | 1Set of 7 Logins. It is a product which is used for the study of different Information security threats, viruses and different concept of cryptography
FEATURES::
1. Single Trainer solution for practicing several different Network Security & Cryptography topics
2. Comprehensive set of exercises for different security threats and attacks System threats – Identification & hacking, Backdoors, Virus, Worms & Trojans Web Vulnerabilities Cryptography Intrusion threats – Sniffing, Spoofing, SQL injection
3. Central Control Unit (CCU) to control and emulate real life network under study Remote login, Packet handling, routing, etc.
4. Variable network size – up to 7 nodes in each network (Trusted and Black) can be controlled

EXPERIMENTS
Network Security Fundamentals – An Introduction Networking basics – Setting up and invoking network elements Ethics and Legality – Policy & practices that need to be followed in security practices including exploits, reporting methods, necessity of ethical hacking, social engineering practices, etc. Network / System threats Denial of Service (DoS) Distributed Denial of Service (DDoS) Sniffing – Packet / Mail sniffing Spoofing – IP, MAC Web Vulnerabilities Web based password capturing, SQL injection (injection discovery, form validations), Buffer overflow Honeypots – Active, anti-intrusion technique Malware ,Trojans & Backdoors Virus & AV methods Network Identification Enumeration – TCP ping, Ping sweep, ICMP ping, NULL Scan, Fast Scan, UDP port scan, Syn Stealth, Fin Stealth OS detection Cryptography Symmetric encryption scheme, Stream Cipher – RC4 Symmetric encryption scheme, Block Cipher – S-DES, 3-DES Asymmetric encryption scheme, Block Cipher – RSA Hashing scheme – MD5 Block Cipher modes – ECB, CBC, CFB, OFB Web services using crypto techniques PKI Authentication schemes – Different authentication schemes including password based authentication, IP Based Authentication and Challenge Handshake Authentication Protocol (CHAP) Steganography | 01 |

Instructions:

1. The quantity of the items is as mentioned in annexure-I.
2. The bidders should quote their offer/rates in package and not for individual items with clear terms without any ambiguity.
3. The Institute will select bidder who has offered the lowest aggregate cost for complete set of items.
4. All duties, taxes and other levies payable by the bidder shall be included in the total price.
5. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
6. The cost should be quoted in Indian Rupees only.
7. Quotation/Offer shall remain valid for a period not less than 45 days after the last date of submission.
8. For the said product warranty should be at least two years/ onsite manufacture warranty.
9. The last date of submission of offer is *10/07/2019* by *5:00 PM*.
10. The quotation opening date will be notified later.
11. Sealed quotation to be submitted/ delivered at the address mentioned below:

Quotation (In the name of)	Delivery Address
TO DIRECTOR RAJKIYA ENGINEERING COLLEGE AMBEDKAR NAGAR PIN CODE-224122, UTTAR PRADESH	TEQIP-III OFFICE RAJKIYA ENGINEERING COLLEGE AMBEDKAR NAGAR PIN CODE-224122, UTTAR PRADESH

12. Bidders should mention at the top of envelop:

Quotation for Information Security Lab Under TEQIP-III (in bold)

13. Make & Model should be specified, and material should be standard.
14. Submit a GSTIN registration and PAN copy of firm duly signed.
15. Delivery of the said items should be within 45 days from the date of P.O.
16. Payment shall be made in Indian Rupees as per P.O. no advance will be paid for the said.
17. Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the process and reject all quotations at any time prior to the P.O.
18. Postal or courier delay will not be considered, and the bid received late will be rejected.

for (TEQIP-III Coordinator)

FORMAT FOR QUOTATION SUBMISSION
(In letterhead of the supplier with seal)

Date: _____

To:_

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Sl. No.	Description of goods \ (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex-Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. —————————— (Amount in figures) (Rupees ——————————amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of —————————— months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

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

Signature of Supplier

Name: _____

Address: _____

Contact No. _____