

GOVERNMENT OF KHYBER PAKHTUNKHWA, FINANCE DEPARTMENT

TENDER NOTICE

Sealed tenders are invited from well reputed firms duly registered with Income Tax and Sales Tax Departments for supply and installation of Wireless Local Area Networking and Video System in Finance Department using single stage two envelopes procedure of Khyber Pakhtunkhwa Procurement Rules 2014.

2. Tender documents /Detailed specifications of the aforesaid items, terms and conditions may be downloaded from the website: www.financekpp.gov.pk or obtained from the office of the undersigned (1st Floor Directorate of Treasuries Khyber Pakhtunkhwa) during office hours before the closing date i.e. 28-11-2016.

3. The interested firms/parties (active tax payers) may submit their sealed bids along with call deposit @ **2%** of total cost of the Bid in the shape of Bank Draft/Pay Order through any scheduled Bank in favour of undersigned latest by 28-11-2016 (before 1200 hours), which will be opened on the same date at 1400 hours in the presence of bidders/authorized representatives of the bidders in the office of the undersigned. Incomplete bids/received after due date will not be entertained.

**Project Director/Additional Secretary (PFC)
Government of Khyber Pakhtunkhwa,
Finance Department, Civil Secretariat, Peshawar
(Phone No. 091-9211477)**



FINANCE DEPARTMENT
Government of Khyber Pakhtunkhwa

BID SOLICITATION DOCUMENT

Provision of Video Conferencing AND Wireless Networking Items

Last Date for Submission: 28-11-2016 at 12:00 P.M.
Tender Opening Date: 28-11-2016 at 02:00 P.M.

Finance Department
Civil Secretariat, Peshawar

DESCRIPTION OF WORK

Finance Department, Government of Khyber Pakhtunkhwa invites Bids from companies having legal presence in Pakistan on Single stage Two envelope for purchase of Hardware and Networking Equipments. The Interested registered companies/ firms which are Authorized Partners / Dealers of the Manufacturer can apply only. The Tenderer must:

1. Be a registered body duly recognizable under the KPPRA Rules.
2. Be registered with FBR for Income Tax and Sales Tax.
3. Not be blacklisted by any Government Department, Semi Government Department, Private or Non-Governmental Organization.
4. Have sufficient financial and human resources to complete the project within prescribed time limit on the finalization of contract.
5. Enclose Earnest Money (EM) amounting to 2% of the total cost of Tender in the form of CDR from any scheduled Commercial Bank.
6. **Submit its Tender document to the Assistant Director Capacity Building & Strengthening of Finance Department, 1st Floor, Treasuries Directorate, Peshawar up to 28/11/2016 till 12:00 hours.**

GENERAL TERMS & CONDITIONS

1. The tender are called hereby for supply of subject Items according to specification and conditions as prescribed in this bid documents: -

a) Date of Opening tender	28-11-2016
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b) Time of Opening tender	02:00 PM
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c) Name of Supplier	_____
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2. Items are to be supplied according to the specification as per attached list, provided by the Finance Department.
 - a) Rates should be offered with its Brand / Model clearly marked.
 - b) Rate should be quoted in words and figures.
 - c) **Tender will be opened in the presence of supplier or their authorized representatives in the office of Project Director (CB&S) / Adl Secy: (PFC) Finance Department.**
 - d) The prices quoted shall remain valid for 120 days, after the date of opening the tender.
 - e) The supplier shall attach Brochures / specifications with bid schedule regarding the equipment being supplied.
 - f) The supplier shall give at least three references of similar installation by their firm.

- g) The supplier should be an active authorized dealer of the manufacturing firm.
- h) The equipment shall strictly confirm to the specification no equivalent or alternate shall be acceptable.
- i) All equipment and each component thereof shall be branded new and in sealed pack.
- j) Any equipment / component of doubtful origin shall render the entire consignment liable for rejection.
- k) The supplier shall make good all deficiencies in the equipment during the warranty period at his own cost and no additional payment will be made for any repair / replacement of parts etc.
- l) **In case of any dispute the matter shall be referred to the Secretary Finance Department. Decision of Secretary Finance shall be final and binding on all parties.**
- m) 2% earnest money have to be attached with the proposal in form of Bank Draft.
- n) The earnest money of successful bidder shall not be refunded and will automatically be converted in the security deposit. No Tender / Offer will be entertained without earnest money.
- o) The supplier shall bring the Samples of the Hardware if required by the Procurement Committee.

3. Terms of Payment

- i. Payment will be made through cross Cheque from AG Office Peshawar.
- ii. No advance payment will be made to the suppliers.

4. Delivery Period

The equipment shall be supplied within 3 to 5 weeks from the date of issuance of confirm order / letter or acceptance.

The firm will be responsible for delivery of hardware and allied accessories to all specified Departments.

The Inspection Committee will ensure that the quantity and quality of the material is the same as contained in the Purchase order. The quality of the items will be determined from the performance report of the committee after actually Examining / Inspection of the total equipment according to the specifications.

5. Payment

Bidder will be entitled to payment by Project Director Capacity Building & Strengthening of Finance Department Khyber Pakhtunkhwa against bill duly supported by the following documents:

- i. Bill in duplicate.

- ii. Goods Receipt Certificate.
- iii. Inspection Certificate issued by the Committee.
- iv. Delivery Challan.
- v. Payment will be made through cross Cheque in favor of bidder firm after deduction of Income Tax. In case the firm is exempt for deduction at source a certificate shall be provided.

6. Sales Tax and Other Government Duties

All taxes, duties, sales tax and other Government charges are the responsibility of the supplier.

7. Warranty Period

The supplier shall give (1) one year comprehensive warranty for the equipment (parts & labor on site of installation) and (3) three years for branded Products, certifying that the goods supplied confirm exactly or above to the specifications laid down in the contract. The supplier will be held responsible for all losses; if any material being found defective or not conforming to specifications or particulars; governing the supply for a period of one year from the date of supply. The unacceptable items shall be substituted with the acceptable items at bidder's expense and cost. An amount equivalent to 5% of total payment (inclusive of 2% earnest money) shall be retained by Project Director (CB&S) Finance Department till the end of Warranty Period.

8. Responsibility for Executing the Contract

The supplier shall be entirely responsible for the successful execution of the contract in all respects and in accordance with the terms and conditions as specified in the contract including the schedule.

9. Inspection and Rejection

- i. If the Inspection Committee is unsatisfied with the supplied equipment or the consignment is below the specifications given in the Purchase Order than the Committee may reject any part or the whole consignment tendered for inspection.
- ii. The decision of the Inspection / Purchase Committee shall be binding on the firm.
- iii. If the items are rejected as aforesaid then the Supplier should deliver items in replacement of those rejected but resubmission will not mean extension in delivery period.

10 Laws Governing the Contract

The contract shall be governed by the KPPRA Rules.

11. FORMAT FOR PROPOSALS

The Financial Proposal should be concisely presented and structured in the **form of chapters** to include, but not necessarily be limited to, the following information. Support material should not be part of the main proposal but should be placed at Appendixes.

11.1 GENERAL

The responding organization should provide the following:

- Name of the participating organization or participating organizations (if more than one) in the responding consortium, including their scope of involvement.
- Number of years of incorporation of the participating organization or participating organizations (if more than one)

11.2 FINANCIAL CAPABILITIES

The responding organization shall describe the financial position of its organization. **Income Statement or Annual Report** should be included in the detailed proposal. The **National Tax Numbers and Sales Tax Registration Numbers** of the company and/or partners should also be indicated (**Photo copies of concerned documents should be provided**).

11.3 RELEVANT EXPERIENCE

Responding Organizations must demonstrate relevant experience of similar projects.

(Note: Experience with government organisations will be preferred)

S. No.	Nature of Project(s)	Total Value PKR (million)	Name of the Project(s), Customer(s), Contact person & Contact Detail(s)

Note:

Only those Projects should be considered where RO can provide the successful completion certificate from the Client Organization (Photocopies of documents should be provided)

**Project Director,
Capacity Building & Strengthening of
Finance Department Govt of Khyber Pakhtunkhwa**

EVALUATION CRITERIA

The Tenderer(s) should meet the following Eligibility / Qualification Criteria to participate in the Tender Process and must enclose documentary proof for fulfilling the Eligibility / Qualification in the Financial Proposal:

Category	Description	Points
Eligibility Criteria	At least 3 years of experience in dealing with IT Projects	Mandatory
	Certificate of Company/Firm Registration / Incorporation under the laws of Pakistan	Mandatory
	Valid Income Tax Registration	Mandatory
	Valid General Sales Tax Registration (Status = Active with FBR)	Mandatory
	Partnership with principle (Authorized Partner) at least 2 years.	Mandatory
	Submission of undertaking on legal valid and attested stamp paper that the firm is not blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or Private Sector Organization anywhere in Pakistan.	Mandatory
	Compliance to the technical specifications of all items to be procured mentioned vide Annex-A of this document	Mandatory
	In full compliance of the Execution Schedule and Delivery Period mentioned in tender document (Undertaking)	Mandatory
	Office in Pakistan	Mandatory
Experience in Govt. Sector	No of Project = (Max Points 10) Following Documentary Evidences are required: a. Purchase Orders. b. Contract Agreements / EA c. Delivery Challans d. Completion Certificates of projects Proof of Cost of each project	5 Marks Per Project (Max 10)
Experience in Similar Nature of Project	No of Similar Nature Project = (Max Points 20) Following Documentary Evidences are required: e. Purchase Orders. f. Contract Agreements / EA g. Delivery Challans h. Completion Certificates of projects i. Proof of Cost of each project	5 Marks Per Project (Max 20)
Financial Strength	Annual Turnover (Firm must submit audited report of last year). Highlight turnover in audit report. (20 Points Max)	15-25 million 5 Points
		26-35 million 10 Points
		36-40 million 15 Points
		Above 40 million 20 Points
Human Resource, Professional assigned to this project	Total No of employees at Administrative / Managerial / Technical assigned to this project (Attach Resume/CV). Supplier will ensure the availability of employee deputed for this specific project only.	2 point for each employee (10 Max)

Registered Office in Khyber Pakhtunkhwa province	List of offices should be submitted. Submit following details of offices. a. Complete addresses where offices are located. b. Office interior portion pictures. c. Office exterior/outer portion Pictures. d. Resume of Administrative/Care Taker/Incharge officer	5 Points
Presentation	a. Implementation methodology of Wireless Network installation in Finance Department b. Implementation methodology of Video Conferencing equipment installation in Finance Department	35 Points
Total		

Note: Firm / Company fulfilling the above mentioned criteria will be considered only.

COST WORKSHEET

Financial Proposals should be substantially in the form of the Cost Worksheet provided below. Bidders must itemize all costs associated with providing the required deliverables and services in a tabular format similar to the following. Only those bids will be entertained which fulfill the above shortlisting / eligibility criteria.

HARDWARE/NETWORKING EQUIPMENTS REQUIRED

The detailed specifications of the required Hardware is given below:

1.0 Requirements:-

S.No	Required Solution-WLAN	QTY
1	Wireless LAN Controller	1
2	Wireless Access points	15*
3	24 Port Gigabit layer 2 switch POE	4
4	UPS 1KVA or 650 VA	4
5	Civil Work As per actual: <ul style="list-style-type: none"> Optical Fiber Deployment between Layer 2 Switches Cat 6 Cable RJ 45 connectors Switch mounting PVC Ducting Cable testing to Server Room 	-
6	USB Wi-Fi Dongle 300Mbps	100

* Actual Number of Wireless Access point depends upon the best signal strength and area coverage.

Technical Compliance sheet	
Sr.No	Specifications for Wireless LAN Controller
1.1	<p>Supply, Installation and Commissioning of wireless controller with following specifications.</p> <ul style="list-style-type: none"> Wireless Controller should have Wireless Standards Support: IEEE 802.11a, 802.11b, 802.11g, 802.11d, 802.11e, 802.11h, 802.11n. Support for RF Visibility and protection Ability to simultaneously manage up to 75 access Points in all configurations and 2000 Wireless Clients. Currently requires 25 APs licenses but proposed solution must be upgradable up to 100 Access Points Real time communication between Aps and Centralized Wireless Control & Monitoring System Larger mobility domain for more simultaneous client associations, Faster RRM updates for uninterrupted network access when roaming, Intelligent RF control plane for self-configuration, self-healing, and self-optimization, Efficient roaming to improve application performance such as toll quality, voice, and consistent streaming video and data backup Full CAPWAP access point to Central infrastructure encryption, Supports rogue access point detection and denial-of-service attacks, Management frame protection detects

	<p>malicious users and alerts network administrators.</p> <ul style="list-style-type: none"> • Support for adaptive power management to turn off access point radios during off-peak hours to reduce power consumption. • Wireless Client will get same access rights, IP Address and will remain member of same VLAN while moving from one AP range to another or having new connection with any of the installed APs. • Support Roaming of Wireless clients from one AP to another AP without connection drop. A WLAN Enabled SIP Phone moving from one AP range to another AP range during a call must be smoothly handoff without call drop, same true for video and data connections. • Should support RF Management, QOS, Secure tunnels with Access Points • Must support VLAN Trunking so that a client access network from anywhere will be able to get same rights to network • Wired/Switching/ Routing: IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX specification, 1000BASE-T, 1000BASE-SX, 1000-BASE-LH, IEEE 802.1Q Vtagging, and IEEE 802.1AX Link aggregation • Security Standards: <p>WPA</p> <ul style="list-style-type: none"> • IEEE 802.11i (WPA2, RSN) • RFC 1321 MD5 Message-Digest Algorithm • RFC 1851 The ESP Triple DES Transform • RFC 2104 HMAC: Keyed Hashing for Message Authentication • RFC 2246 TLS Protocol Version 1.0 • RFC 2401 Security Architecture for the Internet Protocol • RFC 2403 HMAC-MD5-96 within ESP and AH • RFC 2404 HMAC-SHA-1-96 within ESP and AH • RFC 2405 ESP DES-CBC Cipher Algorithm with Explicit IV • RFC 2406 IPsec • RFC 2407 Interpretation for ISAKMP • RFC 2408 ISAKMP • RFC 2409 IKE • RFC 2451 ESP CBC-Mode Cipher Algorithms • RFC 3280 Internet X.509 PKI Certificate and CRL Profile • RFC 3602 The AES-CBC Cipher Algorithm and Its Use with IPSec • RFC 3686 Using AES Counter Mode with IPsec ESP • RFC 4347 Datagram Transport Layer Security • RFC 4346 TLS Protocol Version 1.1 <p>Encryption Support:</p> <ul style="list-style-type: none"> • WEP and TKIP-MIC: RC4 40, 104 and 128 bits (both static and shared keys) <ul style="list-style-type: none"> • AES: CBC, CCM, CCMP • DES: DES-CBC, 3DES • SSL and TLS: RC4 128-bit and RSA 1024- and 2048-bit • DTLS: AES-CBC • IPsec: DES-CBC, 3DES, AES-CBC • Must support N+1 redundancy for higher availability • Minimum 4 port SFP interfaces.
2	Specifications for Access points
2.1	<p>Supply, Installation and Commissioning of wireless Access Points with following specifications</p> <ul style="list-style-type: none"> • Proposed APs must provide reliable and predictable and IEEE 802.11n Compliant • Data and signalling encryption with support of DES, 3DES and AES Encryption algorithm • Must support WLAN Performance and Security assessment

	<ul style="list-style-type: none"> • Should have excellent transmitting power and POE Enabled • Must support centralized authentication via centralized management and control infrastructure and support transmission of Voice, Video and Data • Must be able to detect malicious users and alerts network administrators • Security: 802.11i, Wi-Fi Protected Access 2 (WPA2), WPA, 802.1X, Advanced Encryption Standards (AES), Temporal Key Integrity Protocol (TKIP), message integrity check (MIC), IEEE 802.11 WEP keys of 40 bits and 128 bits • EAP Type(s): Extensible Authentication Protocol-Transport Layer Security (EAP-TLS), EAP-Tunnelled TLS (TTLS) or Microsoft Challenge Handshake Authentication Protocol Version 2 (MSCHAPv2), Protected EAP (PEAP) v0 or EAP-MSCHAPv2, Extensible Authentication Protocol-Flexible Authentication via Secure Tunnelling (EAP-FAST), PEAPv1 or EAP-Generic Token Card (GTC), EAP-Subscriber Identity Module (SIM) • Controller Based Access Points • Dual Band (2.4GHz, 5GHz)
4	Specifications of Switch Layer 2
	<p>24 ports, 10/ 100/1000 POE Base auto-sensing with 4 x 10 Gbps uplink interfaces for SM Fibers with SFP</p> <p>Layer 2 VLAN trunks</p> <p>IEEE 802.1Q VLAN encapsulation</p> <p>Ether Channel technology on uplinks</p> <p>Private VLANs.</p> <p>Auto negotiation to 1000BASE-T; full duplex on host interfaces</p> <p>IEEE 802.1p: CoS prioritization</p> <p>IEEE 802.1Q: VLAN tagging</p> <p>IEEE 802.3: Ethernet</p> <p>IEEE 802.3ae: 10 Gigabit Ethernet</p> <p>SFF 8431 SFP+ support</p> <p>IEEE 802.3u 100BASE-TX specification</p> <p>IEEE 802.3ab 1000BASE-T specification</p> <p>IEEE 802.3an 10GBASE-T</p> <p>Fast convergence using 802.1w (Rapid Spanning Tree [RSTP]), enabled by default</p>

Video Conferencing Solution Equipment Requirement

Sr. No	Description	Qty	Brand	Unit Price	GST	Total Price
1	Video Conference System					
I	Full HD Video Conferencing System point to multipoint (3+1), Dual Display	2				
ii	Customized Rack for Video conferencing	2				
2	Warranty/services					
I	1 Year Replacement Warranty	2				
ii	Onsite Support	2				
	Grand Total					

Technical Compliance sheet	
Sr.No	Specifications for Video Conferencing Solution
1	Codec Features
	Up to 1080p60 resolution
2	High-definition content sharing up to 1080
3	H.323/SIP up to 6 Mbps
4	individually Transcoded multipoint (3+1) conferencing
5	Dual Display Support for second Screen
6	Camera Full HD 1080p with 12x zoom
7	Video Standards
	<ul style="list-style-type: none"> ● H.261, H.263, H.263+, H.264
8	Video Features
	<ul style="list-style-type: none"> ● Native 16:9 Widescreen ● Advanced Screen Layouts ● Intelligent Video Management ● Local Auto Layout
9	Video Inputs (2 Inputs)
	1 X HDMI Inputs, Supported Formats:
	<ul style="list-style-type: none"> ● 1920 x 1080
	1 X DVI-I Inputs, Supported Formats:
	Analog (VGA):
	<ul style="list-style-type: none"> ● 1920 x 1080

10	Video Outputs (2 Outputs)
	2 X HDMI Output Supported Formats:
	● 1920 x 1080@60 Hz (1080p60)
11	Live Video Resolutions
	1920 x 1080@30, 60 fps (HD1080p60)
12	Audio Standards
	G.711, G.722, G.722.1, 64 bit kbps & 128 bit kbps MPEG4
13	Audio Features
	● CD-Quality 20KHz Mono and Stereo
	● Automatic Gain Control (AGC)
	● Automatic Noise Reduction
	● Active lip synchronization
	Content Channel
14	● H.239 (H.323) on second Screen
	● BFCP (SIP) on second Screen
	● 1080p (1920 x 1080)
15	Encryption
	● H.323/SIP point-to-point
	● Standards-based: H.235 v2 & v3 and AES
	● Automatic key generation and exchange
	● Encryption Supported in Second Stream
16	Network Interfaces
	● 1 x LAN/Ethernet (RJ-45) 10/100/1000 Mbit

NOTICE OF INTENT TO SUBMIT PROPOSAL

DATE: _____

RE: CB&S(FD)/N.W- 2016

PLEASE PROVIDE THE FOLLOWING INFORMATION FOR THE PERSON WHO WILL BE THE COMPANY'S PRINCIPAL CONTACT FOR MATTERS REGARDING THE ABOVE RFP.
Company Name and Address
Signature of Company Representative
Printed Name of Company Representative
Title
Date
Tel. No.
Fax No.
Email Address

If further information is required, please contact

**Assistant Director (A&F),
Capacity Building & Strengthening of Finance Department
1st Floor, Treasuries Directorate Peshawar
Ph: 091-9223649**

PROPOSAL SIGNATURE PAGE

TOR's NUMBER: RE: CB&S(FD)/N.W- 2016
ISSUE DATE: 04-11-2016
PROPOSALS SOLICITED FOR: Provision of Hardware Equipment for Provincial Government Finance Departments.
PROPOSAL DUE DATE & TIME: 28-11-2016 12:00 PM (PST)

PROPOSALS MUST BE RECEIVED ON OR BEFORE THE DUE DATE SHOWN ABOVE. LATE BIDS WILL NOT BE ACCEPTED.

SUBMIT PROPOSALS TO: IF FURTHER INFORMATION IS REQUIRED, PLEASE

**Assistant Director (A&F),
Capacity Building & Strengthening of Finance Department
1st Floor, Treasuries Directorate Peshawar
Ph: 091-9223649**

BIDDERS MUST SIGN WHERE INDICATED BELOW AND SUBMIT THIS SHEET AS THE COVER PAGE IN ORDER TO VALIDATE THEIR BID.

As a supplier of goods and services to the Finance department I/we certify that I/we fully read and understood the terms and conditions of this RFP and found no complication. We agree to provide the services according to the demand.	
Company Name and Address	
Signature of company representative	
Printed name of company representative	
Title	
Date	
Tel. No.	Fax No.
Email address	