

BID NO: 2010/ PPSC/ Training Lab

## Tender Document

For

Purchase of Hardware and Peripherals

For

Four (4) Training Labs at Hoshiarpur and Sangrur

### Key dates

Date of Issue of Bid Documents	08.01.2010 onwards
Last date for submission of bid:	22.01.2010 at 2:00 pm
Date of Opening of Bid:	22.01.2010 at 2:30 pm

\*\*\*\*\*

**Punjab Police Security Corporation Ltd. (PPSC)**  
**SCO 171-172 Sector 8-C Madhya Marg**  
**Chandigarh-160018**  
**Ph. No. 0172-543548, 0172-542492, 0172-541897**

Bid No. : **2010/ PPSC/ Training Lab**  
Serial No. of Document : \_\_\_\_\_  
Issued to : \_\_\_\_\_  
\_\_\_\_\_  
Against request No. : \_\_\_\_\_  
Dated : \_\_\_\_\_

And payment of cost of bid document for Rs. 500/- (Rupees Five hundred Only) to be paid in demand draft (DD) or cash only. **(Exempted for those who have bidded previously for the same tender)**

Name of the bank and Address: \_\_\_\_\_  
Demand Draft No. and date: \_\_\_\_\_  
Bid document issued on \_\_\_\_\_

Authorized Signatory

**BID SUMMARY**

Bid No.	EMD (Rs.) in shape of bank Demand Draft	Bid Document Cost (Rs.) Non-refundable	Last Date & Time	
			Bid Submission	Bid Opening
2010/ PPSC/ Training Lab	Rs. 1,00,000/- (Rs. One lac)	Rs. 500/- (Rs. Five hundred only)	22 <sup>nd</sup> January, 2010 up to 2:00 pm.	22 <sup>nd</sup> January, 2010 at 2:30 pm

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**SECTION I**  
**INVITATION FOR BIDS**

**Provision of Hardware for Training Labs at Hoshiarpur and Sangrur**

Punjab Police Security Corporation (PPSC) invites sealed bids from established, reputed National / International IT firms with base in India for Supply, Installation & Commissioning of hardware, networking components and associated equipment on virtual technology for four Training labs at the following two locations:

1. PSTI, Jahan Killan Hoshiarpur (3 Labs within same building)
2. Ladha Kothi (IRB Battallion), Sangrur (1 Lab)

The bidder shall be responsible for performing the following activities under the project:

- I. Supply and installation of requisite resources including hardware and related peripherals per location as per the below given table:

Sr. No.	Item Description	Hoshiarpur (3 Labs)	Sangrur (1 Lab)	Total qty.
1.	Primary Server	3 (1 per lab) + 2 (PPSC, Chd)	1	6
2.	Desktop Computer	3 (1 per lab)	1	4
3.	Shared Computers	90 (30 per lab)	30	120
4.	Laser Printer	3 (1 per lab)	1	4
5.	UPS 1 KVA (Line Interactive) with 2 hours battery backup	6 (2 per lab) + 2 (PPSC, Chd)	2	10
6.	Projectors (2500 Lumens) + Screen	3 (1 per lab)	1	4
7.	<b>Networking</b>			
	Switch 24 ports (Unmanaged) with 6 U rack	6 (2 per lab)	2	8
	LAN components – CAT 6 Cable, Information Outlets (IOs), Surface Mounting Box (SMBs), Mounting Cords, Conduiting and laying	As per actual	As per actual	As per actual

- II. Providing service & support for the entire system during the warranty period of three years (On-site).

**Note:** Broadband Internet connectivity would be provided by the PPSC at the aforesaid four Training labs.

**Bid conditions**

1. Bidders are advised to study the Bid Document carefully. Submission of Bids shall be deemed to have been done after careful study and examination of the Bid Document with full understanding of its implications.
2. Sealed offers prepared in accordance with the procedures enumerated in Clause 1 of Section II should be submitted to the **Punjab Police Security Corporation Ltd. (PPSC)** not later than the date and time laid down, at the address given in the **Schedule for Invitation to Bid** under Clause 6. (Given below)
3. The Bidder must furnish Earnest Money Deposit (EMD) for Rs. 1,00,000/- (Rs. One lacs) in favour of **Managing Director, the Punjab Police Security Corporation Ltd. (PPSC)**, "payable at Chandigarh", in the envelope containing the Pre-Qualification bid. Failing which the bid will be rejected. **(Exempted for those who have bid previously for the same tender)**
4. This Bid document is not transferable.
5. The tenders of only those bidders, who have purchased the documents in their names, will be considered.
6. The Punjab Police Security Corporation Ltd. (PPSC) reserves the rights to reject any bid or all the bids without assigning any reasons and revising quantity, fine-tuning specifications as per requirement of Government of Punjab before opening the commercial bids.
7. The bidder will accept all conditions of the Bid Document unconditionally or depending upon the decisions of the Tender Evaluation Committee.

**8. Schedule for Invitation to Bid:**

- a) Name of the concern by whom the bids are called on behalf of the Government of Punjab is:

**Punjab Police Security Corporation Ltd. (PPSC)  
SCO 171-172, Sector 8-C, Madhya Marg, Chandigarh**

- b) Addressee and Address at which Bids are to be submitted:

**Punjab Police Security Corporation Ltd. (PPSC)  
SCO 171-172, Sector 8-C, Madhya Marg, Chandigarh**

- c) Latest time and date for submission of completed bids:

**Up-to 2:00 pm on 22<sup>ND</sup> January, 2010**

- d) Place Time and Date of opening of Pre-qualification bids:

**Punjab Police Security Corporation Ltd. (PPSC)  
SCO 171-172, Sector 8-C, Madhya Marg, Chandigarh**

**at 2:30 pm on 22<sup>ND</sup> January, 2010**

- e) Technical bids of only the Pre-qualified bidders will be **opened and scrutinized at the same time (same date as 'e' above)** and if need be, on the following day(s) to be announced on the spot.
- f) Date till which the bid is valid: **120 days from last date of submission of bids.**

**Note:** The Client shall not be responsible for any postal delays about non-receipt/ non-delivery of the documents. All late bids/ incomplete bids would be rejected out rightly.

## SECTION II INSTRUCTIONS TO BIDDERS

### A. Introduction

#### 1 Procedure for Submission of Bids

It is proposed to have a **Three-Cover System** for this bid.

- a) Pre-qualification documents (2 copies) in one cover.
- b) Technical Bid (2 copies) in one separate cover.
- c) Commercial Bid (2 copies) in another separate cover.

1.1 The Bidders must place their pre-qualification, technical and commercial bids in three separate envelopes, super-scribed with separate **Bid titles** as follows:

#### **A. PRE QUALIFICATION BID**

#### **B. TECHNICAL BID**

#### **C. COMMERCIAL BID**

1.2 The Bidder shall have to qualify the pre-qualification Bid.

1.3 **Pre-Qualification Bids** will be opened on the prescribed date and time.

1.4 **Technical Bids** of only those Bidders will be opened who qualify the **Pre-Qualification round** after the initial processing of pre-qualification bid on the same day or at a date and time to be notified on the same day. The technical specifications may be fine-tuned before calling for the revised Commercial bids.

1.5 **A minimum time of 4 days** would be allowed for the submission of the **revised Commercial Bids**, if so required, based on the fine tuned specification as in Para 1.4 or otherwise by only those Bidders who will qualify both the Pre-Qualification Bid and the Technical Bid and would be **opened immediately thereafter**.

1.6 Each copy of the Pre-qualification document should be covered in a separate sealed cover super-scribing the wording '**Pre-qualification document**'. Both copies should be separately marked as "**original copy**" and "**first copy**" **respectively**. Thereafter, both the copies should be put in a single sealed cover super-scribing the wording "**Pre-qualification document**".

- 1.7 Each copy of Technical Bid of the Bid should be covered in a separate sealed cover super-scribing the wording **“Technical Bid”**. Both copies should be separately marked as **“original copy”** and **“first copy”** respectively. Thereafter, both the copies should be put in a single sealed cover super-scribing the wording **“Technical Bid”**.
- 1.8 **Please note that commercial aspects (prices, cost, charges, etc.) should not be indicated in the Pre-qualification Bid or the Technical Bid and should be quoted only in the Commercial Bid.**
- 1.9 Each copy of Commercial Bid of the Bid should be covered in a separate sealed cover super-scribing the wording **“Commercial Bid”**. Both copies should be separately marked as **“Original copy”** and **“First copy”** respectively. Thereafter, both the copies should be put in a single sealed cover super-scribing the wording **“Commercial Bid”**. **Commercial Bid should only indicate prices in the prescribed format.**
- 1.10 The cover thus prepared should also indicate clearly the name and address of the Bidder to enable the Bid to be returned unopened in case it is received **“Late”**.
- 1.11 The bids received late and declared late by the Bid Evaluation committee after the last date and time for receipt of bids prescribed in the bid document or otherwise shall be rejected and/or returned unopened to the Bidder.
- 1.12 Each copy of the bid should be a complete document with Index & page numbering and should be bound as a volume. Different copies must be bound separately.

## 2 **Cost of Bid document**

- 2.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, including cost of presentation for the purposes of clarification of the bid, if so desired by the Client and Client will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Biding process.

- 3 The Bidder is expected to carefully examine all instructions, forms, terms and specifications in the Bid Document. Failure to furnish all information required in the Bid Document or submission of a bid not substantially responsive to the Bid Document in every respect will be at the Bidder's risk and may result in the rejection of the bid.

**4 Clarification regarding Bid Document**

- 4.1 A prospective Bidder requiring any clarification of the Bid Document may notify the Client in writing at the Client's mailing address indicated in Clause 6 of Section I. The Client will respond in writing to any request for clarification of the Bid Document, received, not later than 7 days prior to the last date for the receipt of bids prescribed by the Client. Written copies of the Client response (including an explanation of the query but without identifying the source of Inquiry will be sent to all prospective Bidders who have received the Bid Documents.

**5 Amendment of Bid Document.**

- 5.1 At any time upto the last date for receipt of bids, the Client, may, for any reason, whether at his own initiative or in response to a clarification requested by a prospective Bidder, modify the Bid Document by an amendment.
- 5.2 The amendment will be notified in writing or by telex or cable or e-mail to the prospective Bidders who have received the Bid Documents and will be binding on them.
- 5.3 In order to afford prospective Bidders reasonable time or otherwise for any other reason, in which to take the amendment into account in preparing their bids, the Client may, at his discretion, extend the last date for the receipt of Bids.

**B. Preparation of Bids**

**6 Language of Bids**

- 6.1 The Bids prepared by the Bidder and all correspondence and documents relating to the bids exchanged by the Bidder and the Client, shall be written in the English language, provided that any printed literature furnished by the Bidder may be written in another language so long as accompanied by an English translation in which case, for purposes of interpretation of the bid, the English translation shall govern.

**7 Documents Comprising the Bids**

- 7.1 Conditional bids shall not be entertained.
- 7.2 The Bids prepared by the Bidders shall comprise of following components (Bid documents are to be submitted in the order of pre-qualification clauses along index page no., otherwise bid will be disqualified):
- a) Bid Proposal sheet duly filled in, signed and complete in all respects. (Performa -I)

- b) Qualifying data duly filled in as per relevant Performa provided in the bid proposal that the Bidder is eligible to bid and is qualified to perform the contract, if its bid is accepted (Performa -II)
- c) The Bidder must furnish **Earnest Money Deposit (EMD)** of Rs. 1,00,000/- (Rupees One lac only) which shall be in the form of Bank Guarantee or Demand Draft drawn on any scheduled bank in favour of ***Managing Director, Punjab Police Security Corporation (PPSC)*** “payable at Chandigarh”, failing which the bid will be rejected. This earnest money is to be submitted along with the pre-qualification documents. **(Exempted for those who have bid previously for the same tender).**
- d) **Company Financial Status:** The Bidder must have an average annual turnover of minimum Rs 3 Crores for the preceding last three financial years. The Bidder should have been making profit for last two years.
- e) The Bidder must be an OEM partner with authorization certificate for shared computing products (Virtualization Technology) being quoted.
- f) The Bidder must have an experience of having executed 1 (One) System Integration / Local Area Network project of value Rs. 25 lac or more for 100 network points in last 3 years.
- g) The Bidder must have implemented at-least 1 (one) project with minimum 50 nodes on same Technology in the North region.
- h) The Bidder should have a fully functional office in Chandigarh and support network across Punjab.
- i) The Bidder must have valid PAN issued by Income Tax Authorities, India.
- j) The Bidder must have valid State Sales Tax and CST Number. If no, the Bidder will give undertaking that the Sales Tax Number shall be submitted to the client before the signing of the contract.

**Technical Bid shall consist of the following: -**

- (a) Technical Deviations, if any, from the terms and conditions and specifications as specified in the Bidding Documents (Performa-III). Failing which, it would be assumed that there are no technical deviations and the full responsibility lies on the Bidder.
- (b) Technical Brochures of the product quoted and also current certifications asked for in the detailed technical specifications should also be enclosed.
- (c) The Technical specifications may be fine-tuned on the basis of discussions with various Bidders during Technical Bid evaluation process. The revised commercial bids, if required, would then be called on the basis of fine tuned specifications.

**Commercial Bid consisting of the following: -**

- (a) Bid prices for the fine-tuned Technical Specifications duly filled, signed and complete as per the Price Schedule on the prescribed Quotation Performa (Performa-IV).
- (b) **Price Schedule I:** The bidder is required to submit unit rates.
  - o The prices will be valid for a period of six months from the date of signing the contract.

- Punjab Police Security Corporation Ltd. (PPSC) may issue order(s) for any quantity as per its requirements within one year and the bidder shall be required to supply and install the requisite units at the specified locations.
- (c) Commercial Deviations, if any, from the terms and conditions and specifications as specified in the Bidding Documents (Performa-V).

### **SECTION - III**

#### **TERMS AND CONDITIONS OF THE BID**

- 1.1 The client reserves the right to carry out the capability assessment of the Bidders and the client's decision shall be final in this regard.
- 1.2 The individual signing the bid or other document, in connection with the bid must certify as to whether he or she has signed as:
  - a). A " Sole proprietor " of the firm or constituted attorney of such sole proprietor.
  - b). A partner of the firm, if it be partnership, in which case he must have authority to refer to arbitration disputes concerning the business partnership either by virtue of the partnership agreement or a power of attorney. In the alternative, all the partners should sign the bid.
  - c). Constituted attorney of the firm, if it is a company
  - d) Lead partner of the consortium.
- 1.3 The bidder shall not sub-contract any part of the contract without written permission of the client.

#### **2 STANDARDS:**

The Goods supplied under this contract shall conform to the standard mentioned in the Fine tuned Technical Specifications, and when no applicable standards are mentioned, to the authoritative standards. Such Standard shall be the latest issued by the concerned institution governing that standard.

#### **3 INSTALLATION PERIOD :**

The Supply and Installation period would be **8 weeks** from the date of signing the contract.

In the event of delay in the supply and installation, specified above, the bidder shall be liable to pay a penalty @ Rs. 5000/ per lab for every week or part thereof for the delay in that location subject to a maximum of 5% of the total contract value, after which MD, PPSC shall be at liberty to cancel the contract. For the purpose of this clause, part of a week shall be considered to be a full week

- 3.1 The delivery period should be adhered to as will be mentioned in the Award of Contract. The supply shall actually be deemed to have been complete on the actual date of entire installation of all components/ items.

#### **4 DELAY IN THE BIDDER'S PERFORMANCE & PENALTY:**

- 4.1 The bidder shall submit a performance Bank Guarantee of Rs. 2 lacs in the prescribed Performa within 4 (four) weeks of the signing of the contract and would be valid for warranty period. In case of split of order to two or more companies, the client has the discretion to decide the performance Bank Guarantee amount at that stage.
- 4.2 An unexcused delay by hardware provider in the performance of its installation obligations shall render him liable to any or all of the following penalties:-
  - 4.2.1 In case of non/ partial installation of the equipment within a stipulated period, penalty @ 2% of total contract value for every week of delay subject to a maximum of 10% of the total contract value, after which MD, PPSC, shall be at liberty to cancel the

contract. For the purpose of this clause, part of a week shall be considered to be a full week.

4.2.2 Forfeiture of earnest money/ Security.

4.3 Hiding of facts, misrepresentation, corrupt practices by the Bidder if revealed at any stage, would amount to forfeiture of EMD and subsequently the firm may also be blacklisted.

## 5 **Standard of performance**

Hardware Provider shall carry out the supply order and carry out its obligations under the contract with due diligence, efficiency and economy in accordance with generally accepted norms techniques and practices used in the industry. Hardware Provider shall also adhere to professional implementation and support services during the execution of the project. The client may carry out benchmarking of sample equipments to be provided by the short listed Hardware Provider before and / or immediately after the delivery of equipment.

It shall employ appropriate advanced technology and safe and effective equipment, machinery, material and methods. Hardware Provider shall always act in respect of any matter relating to this contract, as faithful advisors to the client and shall, at all times, support and safeguard the clients legitimate interests in any dealings with the third party.

## 6 **Use of contract documents and information**

6.1 Hardware Provider shall not, without the client's prior written consent, disclose the contract or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of client in connection therewith to any person other than a person employed by Hardware Provider in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

6.2 Hardware Provider shall not without the purchaser's prior written consent, make use of any document or information.

6.3 Any document other than the contract itself shall remain the property of the client and shall be returned (in all copies) to the client on completion of the service provider's performance under the contract if so required by the client.

## 7 **SCHEDULE OF PAYMENT:**

7.1 The payment terms shall be as per follows:

7.1.1 90% of the total cost will be released to the bidder after successful delivery and installation of all items.

7.1.2 The remaining 10% will be released after submission of Bank Guarantee of equivalent amount.

## 8 **WARRANTY PERIOD:**

8.1 **Hardware and system software products:** The Hardware Provider will be responsible for a comprehensive warranty of three years for all hardware items including batteries, printer heads, hard disk, operating system (excluding nothing) and for operation & maintenance of all software products.

8.2 Hardware Provider will not remove the equipment without the written permission of the person or officer concerned.

- 8.3 The response time for attending the faults will be six hours after they are reported to the Hardware Provider through any communication mode. The Service Provider will rectify the faults within 36 clock hours failing which the service provider will arrange temporary replacements in next 24 clock hours. The services shall be provided Mondays to Saturdays on working hours.
- 8.4 The Service Provider will do preventive maintenance (PM) once in three months for hardware Systems running. The PM may generally be done on Non-working days/ Beyond General Shift Hours with the prior permission of the person or officer concerned.
- 8.5 In case the Service Provider fails to maintain the 97% uptime of the comprehensive system of each location on Six (6) monthly basis, the service provider will be liable for a penalty @ 0.5% of the contract amount per deficient %age uptime of that half year of the respective location.
- 8.6 In case of default, the client will have the right to arrange maintenance at the risk and cost of Service Provider, from any other source and shall adjust the charges from the payment due to Hardware Provider. Client decision shall be final in this regard and will be binding on the Hardware Provider

9 **PRICE FALL:**

- 9.1 The prices charged for the Hardware items supplied under the contract by the bidder shall in no event exceed the lowest price at which Hardware Provider sells the Hardware or offers to sell Hardware of identical description to the Department of the Central or State Government or any Statutory undertaking of the central or State Government, as the case may be, before the supply of IT resources.
- 9.2 If, at any time during the said period the bidder reduces the sale price, sells, or offers to sell such hardware items to any person/organization including the purchaser or any Department of State or Central Government or any statutory Undertaking of the Central or State Government as the case may be, at a price lower than the price chargeable under the contract, the bidder shall forthwith notify such reduction, or sale or offer to sell to the purchaser and the price payable under the contract for the supply of material after the date of coming into force of such reduction or sale or offer to sell shall stand correspondingly reduced.

10 **TAXES AND DUTIES:**

- 10.1 The bidder shall be entirely responsible for all taxes, leveies, cess, Octroi, duties, license fees, etc. incurred until delivery of the contracted hardware to the purchaser. The Corporation will issue no C or D forms.

11 **Liquidated Damages:**

In the event of delay in the supply and installation, specified above, the bidder shall be liable to pay a penalty @ Rs. 5000/ per lab for every week or part thereof for the delay in that lab subject to a maximum of 5% of the total contract value, after which MD, PPSC, shall be at liberty to cancel the contract. For the purpose of this clause, part of a week shall be considered to be a full week

12 **Suspension:**

12.1 The client may by a written notice of suspension to the Hardware Provider, suspend all payments to the Hardware Provider under the contract, if the Hardware Provider failed to perform any of its obligations under this contract provided that such notice of suspension:

12.1.1 Shall specify the nature of the failure.

12.1.2 Shall request the bidder to remedy such failure within a specified period from the date of receipt of such notice of suspension by the bidder.

13 **Termination for default:**

13.1 The client may, without prejudice, to any other remedy for breach of contract, by written notice of default sent to the bidder, terminate the contract in whole or in part if:

13.1.1 The bidder fails to deliver any or all of the obligations within the time period(s) specified in the contract, or any extension thereof granted by the client.

13.1.2 The bidder fails to performs any other obligation(s) under the contract.

13.1.3 The Hardware Provider shall be given maximum of two opportunities of 30 days each to improve his service level and meet the obligations as per the contract.

14 **Termination for insolvency:**

The client may at any time terminate the contract by giving written notice to the bidder without compensation to the bidder, if the bidder becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or effect any right of action or remedy which has accrued thereafter to the client.

15 **“No claim” Certificate:**

The bidder shall not be entitled to make any claim, whatsoever, against the client under or by virtue of or arising out of this contract nor shall the client entertain or consider any such claim, if made by the bidder after he shall have signed a “no claim” certificate in favour of the client in such forms as shall be required by the client after the works are finally accepted.

16 **Documents prepared by the bidder to be the Property of the Client**

All plans, drawings, specifications, designs and other documents prepared by the bidder in the execution of the contract shall become and remain the property of the client, and before termination or expiration of this contract, the bidder shall deliver all such documents to the client under the contract along with the detailed inventory thereof.

17 **Confidentiality:**

The bidder and their personnel shall not, either during the term or after expiration of this contract, disclose any proprietary or confidential information relating to the services, contract or the client’s business or operations without the prior written consent of the client.

18 **Force Majeure:**

18.1 Notwithstanding the provisions of the bid, the bidder shall not be liable for forfeiture of its performance security, liquidated damages or termination for

default, if and to the extent that, its delay in performance are other failure to perform its obligations under the contract is the result of an event of Force Majeure.

18.2 For purposes of this Clause, "Force Majeure" means an event beyond the control of the bidder and not involving the bidder and not involving the bidder's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the client either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes

18.3 If a Force Majeure situation arises, the bidder shall promptly notify the client in writing of such conditions and the cause thereof. Unless otherwise directed by the client in writing, the bidder shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. The client may terminate this contract, by giving a written notice of minimum 30 days to the bidder, if as a result of Force Majeure, the bidder being unable to perform a material portion of the services for a period of more than 60 days.

19 **Governing Language:**

The contract shall be written in the language of the bid, as specified by the client, in the instructions to the bids. Subject to clause 6 of Section 2, that language version of the contract shall govern its interpretation. All correspondence and other documents pertaining to the contract which are exchanged by the parties shall be written in that same language.

20 **OTHER CONDITIONS:**

20.1 Risk purchase at the cost of bidder will be made on the failure of the bidder to make supply as per Terms and Conditions. The difference of excess in cost thus incurred will be received from the bidder in a suitable manner and even from his pending bills, earnest money or security whichever is available.

20.2 All disputes, differences, claims and demands arising under or pursuant to or touching the contract shall be referred to the arbitrator(s) as per the provisions of the arbitration Act. Such arbitration shall be held at Chandigarh.

20.3 In all matters and disputes arising there under, the appropriate Courts at Chandigarh alone shall have jurisdiction to entertain and try them.

## Section IV DETAILED TECHNICAL SPECIFICATIONS

### Provision of Hardware for Training Labs at Hoshiarpur and Sangrur

Punjab Police Security Corporation (PPSC) invites sealed bids from established, reputed National / International IT firms with base in India for Supply, Installation & Commissioning of hardware, networking components and associated equipment on virtual technology for four Training labs at the following two locations:

1. PSTI, Jahan Killan Hoshiarpur (3 Labs within same building)
2. Ladha Kothi (IRB Battallion), Sangrur (1 Lab)

The bidder shall be responsible for performing the following activities under the project:

- I. Supply and installation of requisite resources including hardware and related peripherals per location as per the below given table:

Sr. No.	Item Description	Hoshiarpur (3 Labs)	Sangrur (1 Lab)	Total qty.
1.	Primary Server	3 (1 per lab) + 2 (PPSC, Chd)	1	6
2.	Desktop Computer	3 (1 per lab)	1	4
3.	Shared Computers	90 (30 per lab)	30	120
4.	Laser Printer	3 (1 per lab)	1	4
5.	UPS 1 KVA (Line Interactive) with 2 hours battery backup	6 (2 per lab) + 2 (PPSC, Chd)	2	10
6.	Projectors (2500 Lumens) + Screen	3 (1 per lab)	1	4
7.	<b>Networking</b>			
	Switch 24 ports (Unmanaged) with 6 U rack	6 (2 per lab)	2	8
	LAN components – CAT 6 Cable, Information Outlets (IOs), Surface Mounting Box (SMBs), Mounting Cords, Conduiting and laying	As per actual	As per actual	As per actual

- II. Providing service & support for the entire system during the warranty period of three years (On-site).

**Note:** Broadband Internet connectivity would be provided by the PPSC at the aforesaid four Training labs.

**Detailed technical configurations**

Sr. No.	Item Description	Detailed technical configurations
1.	<b>Server (IBM, Dell, HP)</b>	Processor : Intel Xeon Quad Core (Nehalem Based) 5500 Series Cache : 4MB or higher FSB : 800MHz RAM : 8 GB upgradable to 64GB HDD : 500GB x 2 Nos SATA Raid : Raid 0,1 LAN Card : 10/100/1000 Optical : CDR/DVD R Screen : 18.5" Power Supply : RPS (pre-fitted) Tower type
2.	<b>Desktop Computer (Dell, HP)</b>	Intel C2D Processor @ 2.93GHz or higher Intel G41 chipset or higher 3 GB RAM 500 GB SATA HDD DVD Writer 15.6" or higher TFT Keyboard, Mouse Windows 7 Operating System (License)
3.	<b>Shared Computer</b>	<ul style="list-style-type: none"> <li>• Each user will comprise of <u>independent</u> 15.6" TFT monitor or above, PS/2 keyboard and PS/2 mouse. The access device should be integrated with host PC via network cable.</li> <li>• Each access device should be standalone equipment and not integrated with any peripheral like keyboard, mouse, monitor etc.</li> <li>• Allow multiuser to share a single host PC with upto 30 access terminals through a Shared Computing PC-Sharing kit (which includes Virtualization software, which support access devices with Speaker/MIC Output, PS/2 Mouse and PS/2 Keyboard output. SVGA Monitor output and RJ 45 Connection Port.</li> <li>• Each user should have independent Desktop environment.</li> <li>• User experience on shared terminal should be substantially same as on the host PC (Boot time, login experience, Responsiveness (mouse, keyboard, application start up and execution), graphics/Multimedia, logout.</li> <li>• USB Support</li> <li>• Access device should have VESA mounting kit</li> <li>• Power consumption of each access device should not exceed more than 5 watts.</li> <li>• ISO 9001, FCC Class B, MIC, Restriction of Hazardous Substances (RoHS) compliant</li> </ul>
4.	<b>Laser printer</b>	<ul style="list-style-type: none"> <li>• A4 Size</li> <li>• 16 PPM</li> <li>• 8 MB RAM</li> </ul>
5.	<b>1000 VA UPS Line Interactive</b>	1 KVA Line Interactive with battery Backup time Minimum 120 minutes (On Full Load) <ul style="list-style-type: none"> <li>• Microprocessor controlled with synchronous transfer from Mains to inverter and vice versa with Intelligent RS – 232 Communication Interface</li> <li>• Power factor: 0.60</li> <li>• Input Voltage Range – 175 to 280 AC, Single phase</li> <li>• Input Frequency – 47 to 53 Hz</li> </ul>

Sr. No.	Item Description	Detailed technical configurations
		<ul style="list-style-type: none"> <li>• Output Voltage – 195 to 255 V AC using Automatic Voltage Regulator (AVR)</li> <li>• Output Power rating – 1000 VA (Capable to handle atleast 3 computers with 15" color monitor)</li> <li>• Isolation built-in</li> <li>• Output waveform                             <ul style="list-style-type: none"> <li>○ Mains mode: Same as input supply</li> <li>○ Battery mode: Sine Wave</li> </ul> </li> <li>• Transfer rate – less than 5 milliseconds</li> <li>• Overload protection: UPS must have User Resettable Push Button Circuit breaker in the input and internal current limiting circuit for inverter output. Audio/ Visual indications should also be provided</li> <li>• Surge Suppressors: Inbuilt surge suppressor, EMI/ RFI Filters</li> <li>• LED Indicators: Mains Status, Battery Operation, Overload &amp; Charging &amp; Discharging.</li> <li>• The battery should recharge to 90% capacity within 8 Hours after complete discharge.</li> <li>• Battery Type – Sealed Lead Acid Maintenance Free</li> <li>• Battery make – EXIDE, PANASONIC, Rocket, Amar Raja, Base Terminal</li> <li>• Backup time – Minimum 120 minutes on full load</li> <li>• Battery Cabinet – Batteries should be housed in a Cabinet</li> <li>• Battery quantity – 2400 VAH (Minimum)</li> <li>• UPS software – Compatible with Windows XP/ ME/ 98/ 2000/ Home/ 2003 for real time monitoring of all vital parameters such as Input Voltage, Output Voltage, Output Load, Battery Voltage and Battery Backup time. Automatic File saving and systematic shutdown of computer in case of prolonged mains failure prior to UPS tripping due to exhausted batteries. The battery should be protected from deep discharging.</li> </ul>
6.	<b>Projector</b>	<ul style="list-style-type: none"> <li>• Heavy Duty LCD Projector, 5'x 5' Screen with stand and wall hanging (2500 lumens (DLP) or higher; resolution: True-XGA; Contrast ratio:2000:1 (Ceiling mounting accessories for LCD projector)</li> </ul>
7.	<b>Networking</b>	<ul style="list-style-type: none"> <li>• Switch 24 ports (Unmanaged) with 6U Rack</li> <li>• LAN components – CAT 6 Cable, Information Outlets (IOs), Surface Mounting Box (SMBs), Mounting Cords, Conduiting and laying</li> </ul> <p><b>(Room Size – 30x 50)</b></p>

**Note**

- The client reserves the right to vary the quantity of the equipment at the time of awarding the contract.
- The system software will be procured separately and provided to the selected bidder for installation and support during the warranty period of 3 years

**SECTION-V**

**BID PROPOSAL PROFORMA's**  
***Performa -I***  
**BID PROPOSAL SHEET**

Bidder's Proposal Reference No. & Date :  
Bidder's Name & Address :  
Person to be contacted :  
Designation :  
Telephone No. Telex No.: Fax No:

To:

**Punjab Police Security Corporation Ltd. (PPSC)**  
**SCO 171-172, Sector 8-C, Madhya Marg, Chandigarh**

**Subject: Provision of Hardware for Training Labs at Hoshiarpur and Sangrur.**

Dear Sir,

**1.0** We, the undersigned Bidders, having read and examined in detail the specifications and all bidding documents in respect of supply of hardware item do hereby propose to provide hardware as specified in the bidding document.

**2.0 PRICE AND VALIDITY**

2.1 All the prices mentioned in our proposal are in accordance with the terms as specified in bidding documents. All the prices and other terms and conditions of this proposal are valid for a period of 180 days from the last date of submission of bids.

2.2 We do hereby confirm that our bid prices include all taxes and cess including Income Tax.

2.3 We have studied the Clauses relating to valid Indian Income Tax and hereby declare that if any Income Tax, Surcharge on Income Tax and any other Corporate Tax is altered under the law, we shall pay the same.

**3.0 EARNEST MONEY**

We have enclosed the required earnest money in the form of Bank Draft in the Pre Qualification bid envelope. It is liable to be forfeited in accordance with the provisions of bid document.

**4.0 DEVIATIONS**

We declare that all the services shall be performed strictly in accordance with the fine tuned Technical specifications and other bid document except the deviations as mentioned in the Technical deviation Performa (Performa-III) Further we agree that additional conditions, if any, found in the proposal

documents, other than those stated in deviations Performa, shall not be given effect to.

**5.0 BID PRICING**

We further declare that the prices stated in our proposal are in accordance with your terms & conditions in the bidding document.

**6.0 QUALIFYING DATA**

We confirm having submitted in qualifying data as required by you in your bid document. In case you require any further information/documentary proof in this regard before evaluation of our bid, we agree to furnish the same in time to your satisfaction.

**7.0 CONTRACT PERFORMANCE SECURITY**

We hereby declare that in case the contract is awarded to us, we shall submit the performance Guarantee Bond in the form of Bank Guarantee as per terms of bid document.

- 7.1 We hereby declare that our proposal is made in good faith, without collusion or fraud and the information contained in the proposal is true and correct to the best of our knowledge & belief.
- 7.2 Bid submitted by us is properly sealed and prepared so as to prevent any subsequent alteration and replacement.
- 7.3 We understand that you are not bound to accept the lowest or any bid you may receive.

Thanking you,

faithfully,

Yours

(Signature)

Date:

Place:

Business Address:

Name:

Designation:

Seal

**Performa -II**  
**PARTICULARS OF BIDDER & MANUFACTURER**

BIDDER'S PARTICULARS FOR BID NO. \_\_\_\_\_

1. Name of the Bidder \_\_\_\_\_

2. Address of the Bidder \_\_\_\_\_

\_\_\_\_\_

4. Year of Establishment \_\_\_\_\_

5. Annual turnover of the firm for the \_\_\_\_\_

last 3 successive years.

6. Name of the Dept./Institution where \_\_\_\_\_

the supply of hardware/Networking has \_\_\_\_\_

already been done \_\_\_\_\_

9. Service facilities available for maintenance \_\_\_\_\_

\_\_\_\_\_

11. Bidder's proposal number & date \_\_\_\_\_

12. Name & address of the officer \_\_\_\_\_

to whom all references shall \_\_\_\_\_

be made regarding this bid \_\_\_\_\_

Telephone \_\_\_\_\_

Fax No. \_\_\_\_\_

As of the this date the information furnished in all parts of this form is accurate and true to the best of my knowledge.

**Witness:**

**Signature** \_\_\_\_\_

**Name** \_\_\_\_\_

**Designation** \_\_\_\_\_

**Address** \_\_\_\_\_

\_\_\_\_\_

**Company** \_\_\_\_\_

**Date** \_\_\_\_\_

**Signature** \_\_\_\_\_

**Name** \_\_\_\_\_

**Designation** \_\_\_\_\_

**Address** \_\_\_\_\_

\_\_\_\_\_

**Company** \_\_\_\_\_

**Date** \_\_\_\_\_

**Company Seal**  
**(With name & designation**  
**of the person signing the bid)**

**PRE-QUALIFICATION CHECKLIST & ORDER IN WHICH DOCUMENTS  
ARE SUBMITTED**

Name of bidder: \_\_\_\_\_

S. No.	Condition / Item	Yes/ No
1.	Bid Proposal sheet duly filled in, signed and complete in all respects. (Performa -I)	
2.	Qualifying data duly filled in as per relevant Performa provided in the bid proposal that the Bidder is eligible to bid and is qualified to perform the contract, if its bid is accepted (Performa -II)	
3.	Earnest Money Deposit (EMD) for Rs. 1 Lacs (Rs. One lac only) in favour of <b>Managing Director, Punjab Police Security Corporation Ltd. (PPSC)</b> . in form of Demand Draft payable at Chandigarh . <b><u>(Exempted for those who have bid previously for the same tender)</u></b>	
4.	Company Financial Status: The Bidder must have an average annual turnover of minimum Rs 3 Crores for the preceding last three financial years. The Bidder should have been making profit for last two years.	
5.	The Bidder must be an OEM partner with authorization certificate for shared computing products (Virtualization Technology) being quoted.	
6.	The Bidder must have an experience of having executed 1 (One) System Integration / Local Area Network project of value Rs. 25 lac or more for 100 network points in last 3 years.	
7.	The Bidder must have implemented at-least 1 (one) project with minimum 50 nodes on same technology in the North region.	
8.	The Bidder should have a fully functional office in Chandigarh and support network across Punjab. The Bidder must have valid PAN issued by Income Tax Authorities, India.	
9.	The Bidder must have valid State Sales Tax and CST Number. If no, the Bidder will give undertaking that the Sales Tax Number shall be submitted to the client before the signing of the contract	

**Performa-III**  
**TECHNICAL DEVIATIONS**

**Subject: Purchase of Hardware and peripherals for Training Labs at Hoshiarpur and Sangrur.**

Dear Sir,

Following are the Technical deviations & variations from the exceptions to the specifications of **providing Hardware items for four labs**. These deviations and variations are exhaustive. Except these deviations and variations, the entire work shall be provided as per your specifications and documents.

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<b>Sr. No.</b>	<b>Clause No.</b>	<b>Page No.</b>	<b>Statement of deviations and variations</b>
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<b>Date</b>	<b>Signature</b>
	<b>Name</b>
<b>Place</b>	<b>Seal</b>

**Performa-IV**  
**PRICE SCHEDULE (In Rs.)**

**Unit cost**

<b>Sr. No.</b>	<b>Item Description</b>	<b>Total qty.</b>	<b>Unit rate</b>	<b>Total cost</b>
1.	Server	6		
2.	Desktop Computer	4		
3.	Shared Computers	120		
4.	Laser Printer	4		
5.	UPS 1 KVA (Line Interactive) with 2 Hours minutes battery backup	10		
6.	Projectors (2500 Lumens) + Screen (Along-with Ceiling mounting accessories)	4		
7.	<b>Networking</b>			
	Switch 24 ports (Unmanaged) with 6U Rack	8		
	(*) LAN components – CAT 6 Cable, Information Outlets (IOs), Surface Mounting Box (SMBs), Mounting Cords, Conduiting and laying	4		
	<b>Total</b>			

**Bid would be evaluated on the overall cost of all items.**

**(\*) Single cost to be quoted for each Lab**

**The bidder is required to assess the networking needs as per the room size (for Sangrur 30'x20' approx and for Hoshiarpur 45'x30' approx)**

**(Signature)/Seal**

**Performa-V**  
**COMMERCIAL DEVIATIONS**

**Subject: Purchase of Hardware for Training Labs at Hoshiarpur and Sangrur.**

Dear Sir,

Following are the Commercial deviations & variations from the exceptions to the specifications of providing **hardware items in four labs**. These deviations and variations are exhaustive. Except these deviations and variations, the entire work shall be provided as per your specifications and documents.

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<b>Sr. No.</b>	<b>Clause No.</b>	<b>Page No.</b>	<b>Statement of deviations and variations</b>
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**Date**

**Signature**

**Name**

**Place**

**Seal**