

PURCHASE & STORE SECTION
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**INVITATION FOR QUOTATIONS FOR SUPPLY OF
GOODS UNDER NATIONAL SHOPPING PROCEDURES**

F. No. 6-51/2013-14/P&S/NAIP

Dated: 07.12.2013

To

Dear Sir,

Sub : Invitation for quotations for supply of Desktop computers, scanner & Networking system.

1. You are invited to submit your most competitive quotation for the following goods:-

Brief Description of the Goods	Specifications*	Quantity	Delivery Period	Place of Delivery	Installation Requirement if any
Desktop computers including operating system, scanner & Networking system	Please See at page -3	Please See at page -3	4 weeks	IVRI, Izatnagar	Feb,2014

* *Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only.*

2. Government of India has received a credit from the International Development Association (IDA) in various currencies equivalent to US\$ _____ towards the cost of the _____ 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.
3. Bid Price
- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) Sales tax in connection with the sale shall be shown separately.

- d) 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.
- e) **The Prices shall be quoted in Indian Rupees only.**
4. Each bidder shall submit only one quotation.
5. Validity of Quotation
Quotation shall remain valid upto **31.03.2014**
6. Evaluation of Quotations
- The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
- (a) are properly signed ; and
- (b) Conform to the terms and conditions, and specifications.
- The Quotations would be evaluated for all the item together/would be evaluated separately for each item. *[Select one of the options]*.
Sales tax in connection with sale of goods shall not be taken into account in evaluation.
7. Award of contract
The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
- 7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- 7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
8. Payment shall be made immediately after delivery of the goods.
9. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.
10. **You are requested to provide your offer latest by 3.00 PM hours on 30.12.2013(Monday).**
11. We look forward to receiving your quotations and thank you for your interest in this project.

(Purchaser)

Name:

Address:.....

Tel. No.....

Fax No.....

TECHNICAL SPECIFICATION

Sl.No.	Description of goods/equipment	Quantity	Delivery period	Place of delivery
	As per enclosed Annexure-I		4 weeks	IVRI, Izatnagar

FORMAT OF QUOTATION *

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In Words
	TOTAL						
	Sales Tax						

Gross Total Cost : Rs.

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

We also confirm that the normal commercial warrantee/guarantee of months shall apply to the offered goods.

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

* *Applicable while the bids are being invited for more than one item and would be evaluated for all the items together. Modify where evaluation would be made for each item separately.*

Specification of Computer, Peripheral and Networking Items**1. Desktop Computer – 10 Nos.**

- Operating System: Genuine Windows 7 / 8 64-Bit
- CPU/Processor: Intel Quad Core™ i7(8 MB L3 Cache) Motherboard: Intel H-61 or higher
- Integrated Intel HD Graphics Basic
- RAM: 4 GB DDR3
- Hard Disk Drive: 500GB
- Optical Drive : SATA DVD-ROM Drive
- 19 inch LED Colour Monitor with inbuilt speaker
- USB Ports: Min 8 USB (Minimum 2 Front)
- Other Port: All the required ports
- Form Factor : Small form Factor
- Antivirus Software with at least one year subscription
- 300 mbps PCI Wi-Fi LAN Card and Gigabit Ethernet Card
- Pre-Installed MS Office 2012 Professional (Academic Version) (Media is to be supplied with the computer)
- Warranty: 3 Year on-site comprehensive warranty.

2. Networking including switches, optical fibre cabling, servers – 1 set**(a) 24 Port Gigabit Web Managed POE Switch -**

i. Port:	24 ports 10/100/1000Base-T and 2 ports 1000Base-X, 2 Giga SFP port
ii. Power Over Ethernet (PoE)	<ul style="list-style-type: none"> • Support for 802.3af, 802.3AF • Power per port - 31Watts for 4 ports, Rest of the ports supports 15.4Watts
iii. Switching Capacity	52Gbps
iv. Forwarding Rate	Min 35Mpps
v. MAC address	16K
vi. Vlan	256
vii. Jumbo Frame	9 K
viii. Features	<ul style="list-style-type: none"> • Auto Negotiation of port speed and Duplex Settings • IEEE 802.1w rapid Spanning Tree group • Loopback Detection • IEEE 802.3ad Link Aggregation or equivalent • IEEE 802.1p (Priority Queues) • IEEE 802.1x security, • Port based Mirroring • Support for IPv6
ix. VLAN Support	<ul style="list-style-type: none"> • 802.1Q VLAN • Private vlan • Traffic Segmentation • VLAN protocol • GVRP • Q-in-Q
x. Management	<ul style="list-style-type: none"> • Web based management interface • Through Telnet, HTTP and NMS. • Virtual LAN Management feature. • SNMP Version 1,2c • Firmware upgrade via Web • Remote Ping

	<ul style="list-style-type: none"> • Port statistics
xi. Quality of Service	<ul style="list-style-type: none"> • 4 hardware queues • Strict priority, weighted round-robin Priority Queue Scheduling • Queue assignment based on DSCP and class of service • Bandwidth Control <ul style="list-style-type: none"> ○ Egress : min 16Kbps Granularity ○ Ingress : min 16Kbps Granularity
xii. Security	<ul style="list-style-type: none"> • Local Authentication with support for manual Privilege definitions assignment • 802.1x Authentication • Port Security • Automatic HTTPS redirection • DHCP Snooping • Defence Engine • IP Source Guard • Management Access Filter for HTTP/HTTPS,SNMP,TELNET/SSH • Broadcast, Multicast, Unicast Storm Control Based on Packets per seconds • Flow based Rate limiting based on Packets per second (PPS)
xiii. Warranty	<ul style="list-style-type: none"> • One Year

(b) 300 Mbps Wireless Access Point with 802.11n PoE Supported

Antenna:	PiFa Antenna x 2 (2T2R MIMO Technology)
Port	One 10/100Mbps 10/100 Ethernet Uplink port for AN
Push Button	One WPS push button
Flash Memory	Flash: 2MB
SDRAM:	16MB
Frequency band:	2.4000 ~ 2.4835GHz
Standard compliance	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE802.11b • IEEE802.11g • IEEE802.11n • RADIUS (IEEE802.1x)
Data Rate	<ul style="list-style-type: none"> • IEEE802.11b: 1/2/5.5/11Mbps • IEEE802.11g: 6/9/12/24/36/48/54Mbps • IEEE802.11n (20MHz): MCS0-15, up to 144Mbps • IEEE802.11n (40MHz): MCS0-15, up to 300Mbps
Output power	<ul style="list-style-type: none"> • IEEE802.11b @ 11Mbps: 26 +/- 1.5dBm • IEEE802.11g @ 54Mbps: 24 +/- 1.5dBm • IEEE802.11n (20MHz) @ MCS15: 23 +/- 1.5dBm • IEEE802.11n (40MHz) @ MCS15: 23 +/- 1.5dBm
Wireless mode	<ul style="list-style-type: none"> • Access Point • Wireless Client • Point to Point • Point to Multi Point • WDS • Universal Repeater
Wireless Security	<ul style="list-style-type: none"> • Protected Client Authentication

	<ul style="list-style-type: none"> • 802.1x support • Static/Dynamic IEEE802.11 WEP Keys • WPA • WPA2
Certification:	<ul style="list-style-type: none"> • FCC part 15 Class B • CE
Power	<ul style="list-style-type: none"> • 5V DC, 2A Switching Power Adapter • IEEE802.3af Power-over-Ethernet
Warranty	<ul style="list-style-type: none"> • One Year

(c) Category 6 UTP, 4 Pair Cable

Features	Category 6 Unshielded Twisted Pair 4 pair 100 Ohm cable shall be compliant with ANSI/TIA/EIA-568-B.2-1 upto 600 Mhz.
	Category 6 UTP cables shall extend between the work area location and its associated telecommunications closet and consist of 4 pair, 23 AWG, UTP Non Plenum cable jacket.
	The 4 pair Unshielded Twisted Pair cable should be UL Listed and ETL Certify.
	Zero-Bit error throughput test as per IEEE standards verified by ETL
	The 4 pair Unshielded Twisted Pair cable should be RoHS Compliant
Mechanical Characteristics	Construction: 4 twisted pairs separated by internal X shaped, 4 channel, full separator. Half shall not be accepted.
	Conductor Solid Copper
	Insulator Polyethylene
	Delay Skew : 35 ns MAX
	Jacket PVC
	Attenuation : 22.8dB/100m at 250MHz, 29.4dB/100m at 400MHz, 39dB/100m at 600MHz

(d) Information Outlet Key Stone with Face Plate (Single Port) and SMB

Features	<ul style="list-style-type: none"> • Surface Mount Face Plate & Box with CAT6 Work Area Data I/O Outlet (RJ45) adhering to ETL Verification program for compliance with TIA568B.2-1 • Category 6, TIA568.B.2-1 – 600MHz • Information Outlet should be UL Listed and I/O box should be RoHS Compliant • 568A/B configuration • Be constructed of high impact with color and icon options for better visual identification. Integrated hinged dust cover using collapsible angular spring loaded shuttered technology. • Face plate should be Single Gang square plate and Should have provision for Labe
Material	<ul style="list-style-type: none"> • ABS / UL 94 V-0
Port	<ul style="list-style-type: none"> • One
Warranty	<ul style="list-style-type: none"> • One Year

(e) Patch Cord Cat 6 UTP Blue 1m and 2m

Type	Unshielded Twisted Pair, Category 6, TIA / EIA 568-B.2
Conductor	24 AWG 7 / 32, stranded copper
Length	7-feet for workstation and 3feet for Jackpanel / equipment
Plug Protection	Matching colored snag-less, elastomer polyolefin boot
Warranty	25-year component warranty

Category	Category 6
Housing	Clear polycarbonate
Terminals	Phosphor Bronze, 50 micron gold plating over selected area and gold flash over remainder, over 100 micron nickel under plate
Load bar	PBT polyester
Jacket	PVC
Insulation	Flame Retardant Polyethylene
Warranty	One Year

(f) **Patch Panel Cat 6 UTP Modular -24 Port- Loaded 0.5U Height**

Type	24-port, Unshielded Twisted Pair, Category 6, TIA / EIA 568
Port Arrangement	Keystone Krone type. Ports must be replaceable in 8 Port Module.
Category	Category 6
Circuit Identification Scheme	Patch Panels Rear Cable Management without tie-wrap with simplified numbering labels
Height	. 5 U , to save the Rack space.
Warranty	One Year

3. **Document Scanner with ADF and OCR Software- 1 No.**

Scanner type	Flatbed, ADF
Cable included	Yes, 1 USB
Scan resolution, optical	Up to 600 dpi
Daily duty cycle	Up to 3000 pages
Bit depth	24-bit
Multifeed detection	Yes
Connectivity	1 Hi-Speed USB 2.0
Automatic document feeder capacity	Standard, 100 sheets
Automatic document feeder speed	Up to 50 ppm/100 ipm (b&w, color, grayscale, 200 dpi)
Scan size, maximum (flatbed)	8.5 x 14 in
Scan size, maximum (ADF)	8.5 x 34 in
Media types	Paper (plain, inkjet, photo)
Scan file format	PDF, TIFF, DOC, RTF, XLS, TXT, XPS, HTML, JPG, BMP, PNG
Compatible operating systems	Microsoft Windows 8, Microsoft Windows 7, Windows 7 x64, Windows Vista, Windows Vista x64, Windows XP Home, Windows XP Professional x64

Note : Complete tender document should be signed by the bidder.