

**Office of the Director, J&K Entrepreneurship Development Institute,
Ground Floor, JLN Udhyog Bhawan, Railhead Complex, Jammu**

NIT No:

Dated:

NOTICE INVITING TENDER

Sealed tenders, in two cover pattern, affixed with Rs.5/- Revenue Stamps are invited from Registered Dealers, Licensed/Authorised agencies with credentials valid, since one year at least, for Supply, Assembling, Installation, Commissioning and Testing, complete (turn key job) of I.P. Surveillance System for JKEDI Office/Guest House premises at Pampore and Jammu.

Detailed Tender Document along with necessary Technical details and specifications etc can be obtained on all working days upto February 20, 2012 during office hours from the office of the Director, JKEDI, Sempora, Pampore, Kashmir and Ground Floor, JLN Udhyog Bhawan, Railhead Complex, Jammu against cash payment or a demand draft for Rs.500/ (five hundred only) payable to Director, JKEDI, Srinagar/Jammu. The Tender Document can also be downloaded from the official web site of JKEDI, www.jkedi.org. Tender documents, thus downloaded from the website shall be accompanied by a Demand Draft for Rs 500/- (five hundred only) payable to the Director, JKEDI, Srinagar/Jammu, at the time of submission.

S.No	Name of Work	Estimated cost of work (Rs in lakhs)	Earnest money Deposit(Rs)	Time of completion of work
01	Supply, Assembling, Installation, Commissioning and Testing complete turn key job of I.P. Surveillance System (DIGISOL, DLINK, PALCO make or equivalent) for JKEDI Offices/Guest House at Pampore, Kashmir and Jammu office.	6.50	13,000.00	Three weeks

(Note: The instant notice includes work for Pampore office only. Pampore Guest House and Jammu office shall be taken up later, on same rates, terms and conditions)

Tenders in two cover pattern, as described in Tender Document, along with the Earnest Money in the form of a CDR for Rs 13,000/- (thirteen thousand Only) should be addressed to the Director, JKEDI, ground floor, JLN Udhyog Bhawan, Railhead Complex, Jammu and must reach his office by February 25, 2012 upto 2.00 p.m. in person or through registered/speed post. Incomplete tenders or tenders reaching after the scheduled date and time shall not be entertained. Cover –A of the tenders received shall be opened on the same day at 4.00 pm.

Director
J&K Entrepreneurship Development Institute

J&K ENTREPRENEURSHIP DEVELOPMENT INSTITUTE
GROUND FLOOR, JLN UDHYOG BHAWAN, RAILHEAD COMPLEX, JAMMU

TENDER DOCUMENT

FOR

SUPPLY, INSTALLATION, COMMISSIONING AND TESTING
(COMPLETE JOB)

OF

I.P. SURVEILLANCE SYSTEM
FOR JKEDI OFFICES AND GUEST HOUSE PREMISES

AT

SRINAGAR/JAMMU

ARCHITECTS/CONSULTANTS
NAQUSHBANDI & ASSOCIATES

Issue of Tender Document

- a) Tender Documents shall be available upto February 20, 2012 during office hours on all working days.
- b) Tender documents can be obtained from the office of the Director, JKEDI, Sempora, Pampore, Kashmir/JLN Udhyog Bhawan, Railhead Complex, Jammu against cash payment/Demand Draft for Rupees five hundred (Rs. 500/-) issued by any scheduled bank, in favour of Director, JKEDI, Srinagar/Jammu. Tender documents can also be downloaded directly from JKEDI official website, www.jkedi.org. Tender documents thus downloaded shall at the time of submission accompany a demand draft for Rs 500/- (five hundred only) in favour of Director JKEDI Srinagar/ Jammu.

Details/Requirements for Submission of Tenders

The competitive Bidding shall be held in accordance with two cover bidding system i.e., Cover -A (Prequalification/Technical Bid) and Cover- B (Price Bid).

The tenders are to be furnished in two sealed covers (Cover – A and Cover – B) duly signed by the tenderer clearly, superscribing the following information on them

1. Envelop No (Cover – A / Cover – B)
2. Name of Work
3. Name and Address of Tenderer with Phone Numbers
4. Due date of Receipt of tenders

Cover A (Pre-qualification Bid)

This Envelope should contain the following:

- i) Earnest money deposit in the form of a CDR issued by any scheduled bank for an amount of Rs 13,000/- (thirteen thousand only) pledged to the Director JKEDI, Srinagar/Jammu.
- ii) Copy of the official receipt or DD for Rs 500/- (five hundred only) paid/to be paid for purchase of tender document.
- iii) Tenderers shall be required to have well established backup units, dealers or authorised service centres with proven credentials in Srinagar and Jammu for a prompt after- sale -service within and subsequent to the warranty period to take care of regular servicing requirements and complaints. Alternatively, the Principals of the authorised individuals/firms etc must have such facilities at the place of installation and must undertake in writing that they will provide all the back up and after sale service. Complaints and faults etc. in the systems/equipment etc supplied, installed, commissioned or created by the tenderers, must be attended to within 24 hours at the site after receipt of such complaint. Relevant documents to this effect must be attached. A bank guarantee equivalent to 5% (five per cent) of the allotted amount for the job shall be taken from the tenderer who is allotted the work to ensure after sale service. The Bank Guarantee shall be retained by JKEDI till a period of three

- years after completion of job and may be extended further or replaced by AMC (Annual Maintenance Contract) if/as desired necessary.
- iv) The tenderer must have successfully completed a single work of similar nature, equivalent to a cost of Rs 5.00 lacs (five lacs) during the last three years. Relevant documents /proofs in this regard, certified by Competent Authority must accompany Cover-A. In absence of such documents certifying satisfactory completion of a single work of above nature and cost, Cover-B shall not be entertained and the tender shall be treated as invalid.
 - v) The tenderers must have an annual turnover of Rs 20.00 lacs (twenty lacs only) each during the last three successive financial years. Offers must accompany relevant bank statements and certificates/profit & loss statements etc issued by a competent chartered accounts in this regard.
 - vi) Original or Attested Photo copies of Latest and valid Sales Tax, Service Tax, VAT and Income Tax Clearance Certificates including PAN/TIN documents.
 - vii) Details of works of similar nature/type and magnitude carried out by the tenderer, documentary proof thereof along with performance certificate from the concerned Competent Authority and other related information as may be obligatory.
 - viii) Details of other works tendered for and in hand along with the value of work, name and address of the clients in each case.
 - ix) Any other relevant information with regard to specific work which the tenderer would like to present.
 - x) The Cover – A should not contain any details or hints of the prices that the tenderer intends to quote. Inclusion of any such document, detail or a hint thereof will result in summary disqualification.
 - xi) Each page of the documents submitted should be duly signed by the tenderer or his authorized Signatory.

Cover- B (Price/Financial Bid)

The cover B should contain the following:

- i) The rates quoted for the Tendered Items. The quote should duly be pasted with transparent tape.
- ii) The rates quoted should be inclusive of all relevant taxes, octroi, freight, handling charges and/or other duties and levies etc.
- iii) The Tenderer should quote the rates for all the items as per advertised quantity schedule (BOQ) per unit against each item as a whole and not for any part of the items or otherwise.
- iv) Each page of the submitted price bid must duly be signed by the tenderer or his authorized signatory.
- v) This envelope shall contain only the cost offer of the tenderer which should be written clearly and legibly, both in figures and words.
- vi) The aforesaid sealed envelopes (Cover – A and Cover - B) shall then be put together in another envelope which shall also be sealed and superscribed with the name of the work The name, address and phone numbers of the tenderer shall also be clearly written on this envelope.

General Conditions

- i) The tenderer should carefully study the tender document and prepare his offer with all provisions of the document. He should fully acquaint himself with the tender requirements, site locations, conditions and all other factors which may directly or indirectly influence the preparation of his tender.
- ii) In case the tenderer wants to be represented by someone authorised by him to follow up the tendering process/procedures and act on his behalf, he shall submit a duly executed power of attorney in original in the name of such representative/s along with its two certified copies. The power of attorney shall also include the power to refer disputes to arbitration.
- iii) On the date specified for opening of tender in the tender notice, only Cover-A shall be opened. However, Cover-B shall be opened at a suitable time and date which will be communicated to tenderers whose Cover -A is entertained.
- iv) Envelope-A of all the tenderers will be opened to verify its contents as per the requirement. If the earnest money deposit and other prerequisites including relevant experience and all the necessary documents as mentioned in this document and other documents related to it are found strictly in order, only then Cover-B (Envelope-B) shall be entertained.
- v) Any corrections made in the tender shall be certified with full signatures of the tenderer failing which the tender shall be treated as invalid. There should be no ambiguity whatsoever about the rates offered.
- vi) Any tender received on expiry of the prescribed date and time will not be entertained.
- vii) All the tenderers or their authorised representatives should be present in the prescribed office at the time of opening of tenders. The tenders shall however be opened at the prescribed time even if the tenderer/s fail to present themselves. Any complaint to opening of tenders in such a case will not be entertained.
- viii) As soon as the acceptance of the tender is communicated to the successful tenderer, the contract shall be complete and binding upon him. A formal deed/ agreement has to be drawn by the tenderer within one week from the date of issue of allotment. If the tenderer backs out after the allotment or sublets the work or a part thereof, it will be considered a breach of contract and the tenderer will be dealt with under rules in vogue from time to time.
- ix) The successful bidder who is allotted the work shall submit a proposal/shop drawings for installation of the system which shall be vetted by the Consultants. The execution shall be started immediately after the proposal is approved / vetted by the consultant. However, this whole process shall be completed within one week.
- x) Any change in design/ specifications found necessary during execution/ installation, shall be undertaken by the tenderer on the same rates, terms and conditions as provided for such items. The rate for any extra item

shall be analysed and approved by the competent authority. The same shall be binding on the tenderer.

- xi) The tenderer shall complete the work to the entire satisfaction of the Consultants/Project Authority and/ or other designated official for the purpose. Any item/s found unsatisfactory shall have to be replaced by standard items as laid down in tender document.
- xii) On commissioning/completion of the tendered work/s, a competent officer or agency designated/engaged by JKEDI shall have to certify, that all works executed by the tenderer have been done to their satisfaction. Final payments against the works thus carried out shall be made only after such certificate is issued by the competent designated authority/individual.
- xiii) The successful bidder, after completion of the job shall have to run the system to test its working and functioning etc. Until such testing and endorsement of successful installation and commissioning by the competent authority described above, a maximum payment of upto 85% (eighty five per cent) only shall be released at the discretion of JKEDI authorities. The final payment shall be released only after such testing is successfully carried out and the system is run for the specified period, subject to other conditions.
- xiv) The tenderer shall run the system for a period of upto three months or as found necessary by the JKEDI authorities. The period shall however not exceed six months.
- xv) The successful tenderer to whom the work gets allotted shall provide on site warranty for all the products equipment etc supplied, installed or commissioned, according to the warranty policy of the manufacturers, which must clearly be mentioned/ described in the Cover-A. The warranty period however shall not be less than one year in any case.
- xvi) JKEDI shall not be responsible for any loss due to flood, earthquakes, mutiny, violence, riot or other government action or other natural calamity etc to the men or material engaged by the tenderer during execution of work. In case of injury/death of any skilled or unskilled labour employed by the tenderer on the work, the tenderer himself shall be responsible for consequences and compensation thereof under rules in vogue in the state.
- xvii) If the work is suspended by the Project Authority for any reason for some time, no compensation on this account shall be entertained. However, an extension in completion time may be granted in such a case purely at the discretion of the Project Authority. However, price escalation for such delay shall not be entertained.
- xviii) Any clarification required by the tenderer with regard to the technical data given in tender document may be sought from the office of the Director, JKEDI.
- xix) Tenders found vague in part or otherwise in whatsoever form shall not be entertained.
- xx) JKEDI reserves the right to increase or decrease the scope of work without assigning a reason thereof.

- xxi) The Director Entrepreneurship Development Institute reserves the right to accept or reject any or all tenders without assigning any reason thereof.
- xxii) Disputes, if any are subject to jurisdiction of Srinagar Courts only.
- xxiii) The tenderer who is finally awarded the work shall run the systems installed/commissioned under his own technical staff to train the concerned JKEDI officials/designated individuals in its handling for a period of two weeks or a minimum period required for the purpose. A certificate to this effect from an authorised officer of JKEDI endorsing that the concerned staff/individuals have duly been trained to their satisfaction shall be essential for release of final payments against the tendered works. Until such a time however, a maximum payment of upto 85% (eighty five per cent) of the total work done may be released by the competent JKEDI authorities at their discretion. No Extra charges on account of this training shall be paid to tenderers.

Annexure - A**Schedule of Quantities**

(All quantities are Tentative and subject to change during execution)

S.No	Items	Unit	Quantity	Unit Rate	Amount
01	I.P.Surveillance Cameras (Outdoor)	Nos	02		
02	I.P.Cameras (Indoor)	Nos	15		
03	24 port Web Managed Switch	Nos	02		
04	UTP cable-CAT 6 (STP)	Mtrs	200		
05	RJ 45 Connectors	Nos	25		
06	a) NAS (Storage upto 2 TB)	Nos	01		
	b) NAS (Storage upto 4 TB)	Nos	01		
07	LCD display (32 Inch), Make-Sony/Samsung/Panasonic)	Nos	01		
08	I/O CAT 6 Single Port (With Base Box)	No	01 (As per req.)		
09	Rack 6U with Power Distribution Unit ,5*5 Amp. Socket	Nos	02		
10	CAT 6 Patch Cords (1m)	Nos	01 (As per req.)		
11	CAT 6 Patch Cords (3m)	Nos	01 (As per req.)		
12	CAT 6 Patch Panel,24 Port, Loaded	Nos	02		
13	Providing/laying Cable for Cameras	Mtrs	200		
14	All electric works (Refer Note below)		Lump sum		

Note: All Electric power supply lines/ points, wherever required shall be made available by the tenderer to make the I.P. Surveillance system fully functional. The Tenderers are, therefore, advised to include cost of all such lines/Points in their proposals after fully taking into account their design/system requirements and fill the sheet above accordingly.

Technical Specifications

IP Surveillance Camera with Audio (Indoor)

Sensor

- 1.3 Megapixel CMOS

Lens Type

- Focal length 5.01 mm; f=2.8

Flash

- 4 MB Flash

RAM

- 64MB SDRAM

Minimum Illumination

- 1.0 Lux

Maximum Image Resolution

- SXGA (1280x1024)

Frame Rate

- 30 fps (640x480)
- 15fps (1280x1024)

Compression

- H.264/MPEG-4/M-JPEG

Video Streaming

- Triple Stream

Audio Compression

- A-law for (H.264/MPEG-4)
- GSM0610 for (M-JPEG)

2-Way Audio

Wired LAN

- 10/100 Mbps RJ - 45

Power

- 12 V DC, 1 A Power Adaptor

Temperature

- 0~40 °C

Humidity

- 10~90% (Non-Condensing)

Dimensions (LxWxH) mm

- 118x80x46

Weight (g)

150

Value-Added Feature

- Support 4x Digital Zoom
- Support SD Card Recording

IP Surveillance Pan/Tilt Camera with PoE (Outdoor)

Minimum Illumination

- 1.0Lux

Maximum Image Resolution

- SXGA (1280x1024)

Frame Rate

- 30fps (640x480)
- 15fps (1280x1024)

Compression

- H.264/MPEG-JPEG

Video Streaming

- Triple Stream

Audio Compression

- A-law for (H.264/MPEG-4)
- GSM0610 for (M-JPEG)

2-Way Audio

- Yes

Wired LAN

- 10/100 Mbps RJ-45

PoE Support

Power

- 12V DC, 1A Power Adaptor
- 802.3af PoE

Temperature

- 0~40 °C

Humidity

- 10~90 °C (Non-Condensing)

Dimensions (LxWxH)mm

- 125x112x113

Weight (gms)

- 290 (DG-SC3630)

Value-Added Features

- Support 4x Digital Zoom
- Support SD Card Recording
- Mechanical 355°Pan/120° Tilt

24 NAS with 4TB capacity of Storage

STANDARDS

- IEEE 802.3
- IEEE 802.3ab
- IEEE 802.3u
- TCP/IP
- CIFS/SMB
- NFS
- AFP
- DHCP Client
- DDNS
- NTP
- FTP over SSL/TLS, FXP
- HTTP/HTTPS
- LLTD
- PnP-X
- UPnP AV
- USB 2.0
- Bonjour
- WebDav

DISK MANAGEMENT

- Multiple Hard Drive Configurations: RAID 0, RAID 1, JBOD, Standard
- RAID migration from Non-RAID to RAID 1
- Hard Drive Format: EXT3
- Scandisk
- S.M.A.R.T

BACKUP MANAGEMENT

- Schedule Backup from PC to NAS
- Schedule Local Backups
- Schedule Remote Backups
- Apple Time Machine support
- USB Backups

LEDS

- Power
- LAN
- HDD1
- HDD2

PORTS

- 10/100/1000 Gigabit Ethernet Port
- 1 USB 2.0 Port
- Power

SUPPORTED HARD DRIVE TYPE

- 3.5" Internal, SATA I/II- Up to 2 TB Capacity

DOWNLOAD MANAGEMENT

- HTTP/FTP Schedule download
- Peer to Peer (P2P)

ACCOUNT MANAGEMENT

- User account management
- Group account management
- User/Group Quota management
- Network share management
- ISO Mount management

REMOTE FILE SHARING

- Remote file access (AjaXplorer, WebDAV)

FILE SHARING

- Max. User Account: 256 users
- Max. Group: 32 groups
- Max. Shared Folder: 128 folders (without BT)
- Max. Con-current Connections: 64 connections (Samba)/10 connections (FTP)

DEVICE MANAGEMENT

- Internet Explorer 7+,
Mozilla Firefox 3+ or
Apple Safari 4+
- Easy Search Utility
- E-Mail Notifications
- System/FTP log
- SMS Notifications
- Yahoo/Widget

ADD-ON APPLICATIONS

- Squeeze Center
- Blog
- Audio Streamer
- AjaXplorer
- Photo Center

MULTILINGUAL SUPPORT

- Samba: Unicode
- FTP Client/iTunes Server:
Unicode, Croatian, Cyrillic
(Kyrgyz republic), Czech,
Danish, Dutch, English, Finnish,
French, German, Greek,
Hungarian, Italian, Norwegian,
Polish, Portuguese, Romanian,
Russian, Simplified Chinese,
Slovenian, Spanish, Swedish,
Traditional, Chinese, Turkish,
Korean, Hebrew.

WEIGHT

- 1.225 kg (2.7 lbs)

DEFAULT APPLICATIONS

- FTP/HTTP Downloads
- Remote Backups
- Local Backups
- P2P Downloads
- Web File Server

POWER MANAGEMENT

- Power Saving mode
- Auto Power Recovery
- Schedule Power off
- Smart Fan control
- D-Link Green Ethernet

POWER SUPPLY

- External Power Supply
- DC 12 V/4A Switching

POWER CONSUMPTION

- Normal mode: 21.04 W
- Sleep mode: 10.45 W

TEMPERATURE

- operating: 0° to 40° C (32° to 104° F)
- Storage: -20° to 70° C (-4° to 157° F)

OPERATING HUMIDITY

- 5% to 90% (Non-condensing)

DIMENSIONS (wxdxh)

- 104x198x132 mm
(4.1x7.8x5.2 inches)

24 Port Fast Ethernet Web Managed Switch

Technical Specifications

Physical Port

Hz,

- Provide 24 10/100 Base-T Ethernet ports and 2 GE Combo ports

Performance

- Switching Capability: 8.8 Gbps
- MAC Address Table: 4K

L2 Management

- Auto-negotiation for port speed and duplex mode
- Spanning Tree Protocol Support STP/RSTP

•VLANs

32 IEEE802.1q tag VLAN

VLAN ID 1-4095 can be configured 26 Port Based VLAN

- Link Aggregation

Support up to 3 groups, each 2~4 ports

management

QoS Features

- IEEE 802.1p priority
- Each port supports 2 queues
- Support bandwidth control with the minimum maximum Granularity of up to 32 kbps

Security

- Mac address Binding
- TCP/UDP filter
- Support Broadcast storm control

Management

- Support SNMPv1
- Port Mirroring
- Conform IEEE802.3, IEEE802.3u,

Power Supply

- AC Power 100 to 240 V, 50-60

Power Consumption:5 Watts maximum

Management

- Support SNMPv 1
- Port Mirroring
- Conform IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3x
- Support Port flow-control, conform IEEE802.3x
- Support 32 IEEE802.1Q Tagged Based VLAN, 26 Port based VLAN
- Trunk: Support up to 3 groups, each 2~4 ports
- Support traffic statistics
- Provide Web-based

Power Supply

- AC Power 100 to 240 V, 50-60 Hz,

Power Consumption:5 Watts

Standards

- IEEE 802.3 10 BASE-T
- IEEE 802.3u 100 BASE-TX
- IEEE 802.3ab 1000 BASE-T
- IEEE 802.3z
- ANSI/IEEE 802.3 NWay
- IEEE 802.3x

Environmental Specifications

- Temperature 0°C to 40°C (Standard Operating) 40°C to 70°C (Non-Operating)

IEEE802.3ab/z and IEEE802.3x
condensing)

- Support Port flow-control, conform IEEE802.3x
- Support 32 IEEE802.1Q Tagged 440mmx205mm Based VLAN,26 Port based VLAN
- Trunk: Support up to 3 groups, each 2~4 ports
- Support traffic statistics
- Provide Web-based management

Note:

The system, as specified above shall be of Digisol, Digilink, Palco make or their equivalent.

- Humidity: 10% to 90% (Non-

Mechanical

- Dimensions (WxDxH):

x44.3mm

- Fan-less Design

LED Indicators: Power, Link/ Act