



Telephone No. 074 9410516  
Fax No. 074 9410420  
Email:

**OFFICE OF THE**  
**SENIOR SUPERINTENDENT CENTRAL**  
**PRISON LARKANA**

No. TR 3944 of 2017  
Dated: 21/04/2017

To

The Managing Director,  
Sindh Public Procurement Authority,  
Sindh, Karachi.

**SUBJECT: NIT REGARDING PROCUREMENT OF CCTV CAMERAS**

Please find enclosed herewith subject NIT along with following tender documents for uploading/hoisting on authority's website.

1. Notice inviting Tender
2. Notification/ Order for constitution of "Procurement Committee".
3. Notification/ Order for constitution of "Complaint Redressal Committee"
4. Bidding documents complete
5. Annual Procurement Plan
6. Original Pay Order of Rs.2,000/- in favor of Sindh Public Procurement Regulatory Authority

It is requested that the above tender documents may please be uploaded on authority's website at the earliest, please.

  
**SENIOR SUPERINTENDENT**  
**CENTRAL PRISON LARKANA**

SPPRA TENDERS DIARY

NO: 2657  
DATED: 24-04-17



Telephone No. 021-99231418  
Fax #: 021-99231084  
Email: sindhprisons@gmail.com

**OFFICE OF THE  
INSPECTOR GENERAL OF PRISONS, SINDH**

Pir illahi Buksh Road Muslimabad, Karachi.

No.SB-11 7819/22

Dated: 3/4/2017

**ORDER**

In pursuance of Rule No.31 of Sindh Public Procurement Regulatory Authority 2010 (amended 2013), a Committee known as "Redressal of Grievances and Settlement of Disputes" to address the complaints of bidders that may occur during the procurement proceedings for the prisons of Sukkur Region consisting of following officers is constituted with immediate effect for the financial year 2016-2017.

i.	Deputy Inspector General of Prisons Sukkur Region	Head of the Committee
ii.	District Accounts Officer, Sukkur	Member
iii.	Executive Engineer, Provincial Buildings Division Sukkur	Member

(NUSRAT HUSSAIN MANGAN)  
INSPECTOR GENERAL OF PRISONS  
SINDH KARACHI

Copy forwarded for information & necessary action to:

1. The Deputy Inspector General of Prisons Sukkur Region.
2. The Superintendent Prisons all in Sukkur Region.
3. The District Accounts Officer, Sukkur.
4. The Executive Engineer, Provincial Buildings Division Sukkur.

Handwritten notes and signature: "Subst. Inspector Prisons" and "3/4/17" with a signature.

(NUSRAT HUSSAIN MANGAN)  
INSPECTOR GENERAL OF PRISONS  
SINDH KARACHI

Stamp: Sindh Prisons, A.O., NS (UT), NS (J), NS A.C., 798, 17-4-17



Telephone No. (021) 99231418  
Fax (021) 99231084  
Email: inspector-general-sindh@gmail.com

**OFFICE OF THE  
INSPECTOR GENERAL OF PRISONS, SINDH**

Pir Illahi Buksh Road Muslimabad, Karachi.

No.SB-1/

9294/  
300

Dated 20 APR 2017

**ORDER**

In pursuance of Rule No.7 as prescribed in Sindh Public Procurement Act 2009 and Sindh Public Procurement Regulatory Authority 2010 (amended 2013), the following Committee are constituted for procurement of machinery & equipment and Drugs / medicine & Medical Equipment for Central Prison Larkana during the current financial year 2016-2017.

**Procurement Committee for Machinery & Equipment**

i.	Senior Superintendent, Central Prison Larkana	Head of the Committee
ii.	Assistant Engineer Electrical Building Division Larkana	Member
iii.	Deputy Superintendent, Central Prison Larkana *	Member

**Procurement Committee for Drugs / Medicine & Medical Equipment.**

i.	Senior Superintendent, Central Prison Larkana	Head of the Committee
ii.	Medical Officer, Central Prison Larkana	Member
iii.	Medical Officer, CMS Hospital Larkana	Member

The Procurement Committee shall follow the rules & regulations relating to procurement as prescribed in Sindh Public Procurement Act 2009 and Sindh Public Procurement Regulatory Authority 2010 (amended 2013).

(NUSRAT HUSSAIN MANGAN)  
INSPECTOR GENERAL OF PRISONS  
SINDH KARACHI

CP LARKANA

Copy forwarded for information & necessary action to:

- 1. \_\_\_\_\_
  - 2. \_\_\_\_\_
  - 3. \_\_\_\_\_
  - 4. A/S (UT)
  - 5. A/S (JE)
  - 6. \_\_\_\_\_
- NS A C  
No 845  
DATE 21-4-17

1. The Deputy Inspector General of Prisons Sukkur Region.
2. The Senior Superintendent, Central Prison Larkana.
3. The Deputy Superintendent, Central Prison Larkana.
4. The Medical Officer, Central Prison Larkana.
5. The Assistant Engineer Electrical Building Division Larkana.
6. The Medical Officer, CMS Hospital Larkana.

(NUSRAT HUSSAIN MANGAN)  
INSPECTOR GENERAL OF PRISONS  
SINDH KARACHI

**ANNUAL PROCUREMENT PLAN**  
**(WORKS, GOODS & SERVICES)**  
**FINANCIAL YEAR 2016-17**

S.#	Description of Procurement	Estimated Unit Cost (where applicable)	Estimated total cost	Funds Allocated	Source of Funds (ADP / Non ADP)	Proposed Procurement Method	Timing of Procurements			
							1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
1	Supply & Installation of CCTV Cameras at Central Prison Larkana for security purpose	-	-	10,00000/-	Provision of Fund in Revised Estimate (4 <sup>th</sup> Quarter)	Single Stage Two Envelope Procedure	N/A	N/A	N/A	4 <sup>th</sup> Quarter



**SENIOR SUPERINTENDENT**  
**CENTRAL PRISON LARKANA**



**BID DOCUMENT**  
*Single Stage Two Envelope Procedure*

**SUPPLY & INSTALLATION OF NIGHT VISION CCTV IP  
CAMERA**

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

No. SB/\_\_\_\_\_ R.T NO.\_\_\_\_\_ Dated \_\_\_\_ / \_\_\_\_ 2016-2017

**GOVERNMENT OF SINDH**

**OFFICE OF THE SENIOR SUPERINTENDENT CENTRAL**  
**PRISON LARKANA**

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**Part-I**

Telephone # email: @gmail.com

**OFFICE OF THE SENIOR SUPERINTENDENT CENTRAL  
PRISON LARKANA**

**NOTICE INVITING BIDS**

Sealed bids are invited according to Single Stage Two Envelope Procedure as per SPPRA Rules 2010 (amended upto Date) from the Authorized Persons / Contractors / Firms and General order suppliers duly registered with Income Tax/Sales Tax & other applicable taxes (Federal/Provincial) for supply & installation of Night Vision CCTV Cameras along with necessary articles during the current fiscal year 2016-2017.

Interested firms / companies / bidders may obtain the tender documents (single stage two envelope procedure) for supply of above mentioned articles from the Office of the Senior Superintendent Central Prison Larkana up to **08/05/2017** from the date of first publication of tender notice in SPPRA Website by submitting application on their letterhead alongwith non refundable tender fee **Rs.1000/-** in cash for bid document.

Bid documents will be received back up to **09/05/2017 at 11:00 am** at the Office of the Senior Superintendent Central Prison Larkana along with **2% bid security** of the total bid price in the shape of pay order / demand draft in favour of Senior Superintendent Central Prison Larkana along with following relevant papers and will be opened on the same day i.e. on **09/05/2017 at 12.00 noon** by the Procurement Committee in presence of bidders who wish to be present or through their representative. If any holiday falls due to any reason on the opening day of bids, it will be opened on next working day at the given time and venue.

1. Company Name, Postal Address, Contract Phone Number, Email Address and Company Profile.
2. Financial Status (turn-over of at least last three years).
3. National Tax Number, Professional and Sales Tax Registration & Other applicable taxes.
4. List of customer references (**by highlighting the users of same unit**).
5. Affidavit declaring that the contractor is not involved in any litigation or not black listed.
6. Any other Relevant Document.

Only bids offered on the prescribed Bid form issued by the Senior Superintendent Central Prison Larkana shall be accepted. However additional sheets may be attached, if required.

Any further information needed, may be obtained from the Office of Senior Superintendent Central Prison Larkana on any working day during Office hours on phone No. 074-94

The Procuring Agency reserves the right to reject all or any bid subject to the relevant provision of SPP Rules 2010 (amended upto date)

## Part-II

### INSTRUCTIONS:

#### Scope of work:

Camera. Commissioning, demonstration, Supply & Installation of Night Vision CCTV IP

Bidder has to submit following information:

- a. Extended Warranty for Six (06) Months for CCTV Cameras & allied Devices & one (1) year for LED Tv.
- b. Recommended running hours of CCTV Cameras & Accessories for routine service.
- c. Availability of spare parts backup & documentary evidence to be competent to provide after sale service.

## Part-III

### SPECIAL TERMS AND CONDITIONS:

#### 1. Submission of Bids:

- a. Bids must be submitted under a proper letter mentioning important points / enclosures.
- b. Bids should be submitted under Single-Stage-Two-Envelope procedure in a sealed package.
- c. For preparation of Bid, interested Bidders are authorized to visit the site for necessary report but procuring agency would not be charged for this purpose.
- d. The bid shall comprise a single package containing two separate envelopes. Each Envelope shall contain separately the Technical Proposal and the Financial Proposal With following documents / information noted against each:-

<b>1. TECHNICAL PROPOSAL:</b>	(Bidding documents in original, earnest money, details of specifications of respective offering item alongwith catalogues and dealership certificate. Sales Tax and Income Tax certificate etc)
<b>2. FINANCIAL PROPOSAL:</b>	(Rate of respective item including all taxes / charges whatsoever).

- e. No conditional offer shall be accepted.
- f. Sealed Bids should be addressed to:  
The SENIOR SUPERINTENDENT CENTRAL PRISON LARKANA, Sindh.

#### 2. Bid Security:

- a. A bid should accompany Bid Security @ rate of 2% of bid cost in shape of Pay order/Demand Draft
- b. A bidder offering more than one option / alternative / brand of the same machine / item / product, should purchase separate bidding documents.



- c. Bid security of unsuccessful bidders will be returned after signing of contract or expiry of bid validity period.
- d. Bid security shall be forfeited in case a bidder withdraws his bid during validity of bids or fails to fulfill conditions of tender in any way, or in case of a successful bidder – fails to fulfill pre-contract or post-contract requirements.

**3. Quantity:**

Quantity of advertised items can be increased or decreased or any item(s) can be included / excluded / dropped as per availability of funds.

**4. Specifications of machines / goods:**

Bidders should provide the following:

- a. Complete specifications: make, model, origin, and full technical information, as per proforma given in the bid document.
- b. In case of a machine manufactured in one country and assembled in another country, clear information may be provided of the parts which are manufactured in the country of assembled.
- c. Complete set of necessary literature (catalogues / brochures).
- d. Affidavit on non-judicial stamp paper – or company letterhead:
  - The bidder is not blacklisted by any government or semi government organization.
  - The machine quoted is new in all respects and there is not 2<sup>nd</sup> hand/low quality material or part / accessory in the machine.

**5. Price:**

- a. Price should be quoted in Pak Rupees, including all taxes, duties, charges and inclusive packing / freight till delivery at the Office of the Senior Superintendent Central Prison Larkana and offer shall be valid up to / /2017.
- b. Bidder must offer rates of all the items mentioned in Bill of Quantities (BOQ). Lowest bid will be accepted only of the bidder who's offer lowest rates of the package (BOQ).

**6. Company Profile and Eligibility of bidder:**

The bidders should submit the following documents with Technical Proposals.

- a. Relevant experience and managerial capability.
- b. Valid dealership certificate of the principal.
- c. Proof of workshops, stock of spares and technical staff in Pakistan.
- d. Two sets of Brochures.

**7. Contract & Stamp duty:**

0.3 % will be paid by successful bidders as stamp duty to be fixed on the agreement and contract will be signed within 15 days from the date of receipt of work / supply order.

**8. Sample, Demonstration and Inspection:**

The Procuring Agency may ask bidder to show demonstration of the product after opening of Technical Proposal on same day.

## **Part-IV**

### **GENERAL TERMS AND CONDITIONS:**

1. **Clarification:** A bidder shall not alter or modify the bid after the bids have been opened. Procurement Committee may, however, seek or accept clarification to the bid that does not change the substance of the bid.
2. **Delivery & Installation** shall be made in **07 days** of the contract is signed. Extension in period of delivery can be given on reasonable grounds.
3. **Liquidated Damages (L.Ds):** The **SENIOR SUPERINTENDENT CENTRAL PRISON LARKANA** shall impose L.Ds @ 0.25% per week (to the maximum of 10% of the total value) on delayed delivery.
4. **Grievance Redressal:** Any bidder feeling aggrieved by any act of **Procurement Committee**, may lodge written complaint concerning his grievances to the Grievance Redressal Committee.
5. **The Procuring Agency** may reject all or any bid by assigning reason as per SPP Rules 2010 (amended upto date).

## **Part-V**

### **BIDDING DATA**

1. **Name of Procuring Agency:** Senior Superintendent Central Prison Larkana.
2. **Brief Description of Works:** Supply & Installation of Night Vision CCTV IP Camera along with necessary articles at Central Prison Larkana.
3. **Procuring Agency's address:** Office of the Senior Superintendent Central Prison Larkana, Sindh.
4. **Currency:** Bid shall be quoted entirely in Pak Rupees. The payment shall be made in Pak Rupees.
5. **Literature:** Bidder must provide with bid photographs, catalogues, illustration and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

6. **Amount of Bid Security:** 2% of bid cost.
7. **Period of Bid Validity:** 90 days counted from date of opening.
8. **Number of Copies of the Bid to be submitted:** One original.
9. **Procuring Agency's Address for the Purpose of Bid Submission:** Same as above.
10. **Deadline for Submission of Bids:** Date: 09/05/2017 Time: 11:00 am.
11. **Venue, Time and Date of Bid Opening:** Office of the Senior Superintendent Central Prison Larkana Date: 09/05/2017, Time: 12:00 noon.
12. **Responsiveness of Bids:**
  - (i) Bid is valid till required period.
  - (ii) Bid prices are firm during currency of contract / price adjustment.
  - (iii) Completion period offered is within specified limits.
  - (iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.
  - (v) Bid does not deviate from basic technical requirement and
  - (vi) Bids are generally in order, etc.
13. **Performance Security:** The successful bidder shall furnish performance security **05%** of the total value of bid in shape of pay order / demand draft in favour of SENIOR SUPERINTENDENT CENTRAL PRISON LARKANA.

## **Part-VI**

### **POST EVALUATION STEPS:**

**1. Notification of award and signing the contract:**

SENIOR SUPERINTENDENT CENTRAL PRISON LARKANA shall send to the successful bidder a Purchase Order (PO) / Letter of Acceptance (LoA) and sign contract with the bidder.

**2. Performance Security:**

- a. The successful bidder shall furnish a Performance **Security** issued by a scheduled Bank in Pakistan before signing of contract @ rate of **05%** of bid cost valid for 6 months beyond completion date as mentioned at **Part V condition No.13**.
- b. The Performance **Security** will be released after satisfactory performance of contract and Performance of the Machine / Equipment for 6 months.
- c. The Performance **Security** is liable to be forfeited in the event of failure on part of the supplier in fulfilling the terms of contract any breach thereof, or the item / machine supplied is found deficient in any particular as to workability, quality and quantity.

**3. Warranty & After Sale Services:**

The bidder shall provide the following:

- a. Installation and commissioning of the machine / equipment and initial operational training to Central Prison Larkana personnel for a suitable period.
- b. Warranty for a maximum period of 06 months for Cameras & One year for LED and free of cost after sale service during the period of Warranty that will include: repair, replacement and maintenance of parts & travel to site.
- c. Assurance of the availability of spares for minimum period of 06 months after the warranty.

## Part-VII

### DECLARATION ON PART OF THE BIDDER

We, M/s \_\_\_\_\_ hereby affirm and declare that we have read all the contents of this Bid Document and the same are fully acceptable to us. We have adhered to the Bid Document while framing our Bid.

Signature of Bidder: \_\_\_\_\_

Name of Signatory: \_\_\_\_\_

Designation: \_\_\_\_\_

Seal: \_\_\_\_\_

## Part - VIII

### ARTICLES OF AGREEMENT

This Agreement made this \_\_\_\_\_ day of \_\_\_\_\_ 2017, by and between the SENIOR SUPERINTENDENT CENTRAL PRISON LARKANA, hereinafter called the "Party No.1", of the one part, And \_\_\_\_\_

(Name and Designation of the authorized person)

of \_\_\_\_\_

located at \_\_\_\_\_

hereinafter called the "Party No.2" which expression shall include their successor, legal representatives of the second part.

Whereas the Party No.1 requires the stores and related services for Central Prison Larkana, and whereas the Party No.2 has agreed to supply, install, put into operation and demonstrate the working of the said stores valued at \_\_\_\_\_

(Amount in figures and words)

in the period of \_\_\_\_\_ days / months, subject to the terms and conditions set forth, hereinafter, which have been accepted by the Party No.2.

#### **Now this Agreement witnessed as follows:**

1. In this agreement works and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents which, for the purpose of identification, have been signed by \_\_\_\_\_  
(name and designation of the authorized person)  
on behalf of the **Party No.2**, and by SENIOR SUPERINTENDENT CENTRAL PRISON LARKANA (Party No.1), all of which shall be deemed to form and be read and construed as a part of this **Agreement** viz:

- a) Invitation of Bid;
- b) Instructions;
- c) Special Terms and Conditions
- d) General Terms and Conditions
- e) Bidding Data
- f) Post Evaluation Steps
- g) Declaration on Part of the Bidder
- h) Articles of Agreement
- i) Specifications of Items
- j) Bill of Quantities (BOQ) – (Financial Proposal)

3. In consideration of the payment to be made to the **Party No.2** hereby **covenants** with the Senior Superintendent Central Prison Larkana to supply, deliver, install, put into operation and demonstrate the working of the stores in conformity in all respects of the Contract.

The Senior Superintendent Central Prison Larkana hereby **covenants** to pay the contractor in consideration of the supply, delivery, installation, putting into operation and demonstration of the working of the equipment the contract price in the manner prescribed by the contract and approved by the Senior Superintendent Central Prison Larkana

**In witness There of** the parties have hereinto set their respective hands and seals, the day month and year above written.

***SENIOR SUPERINTENDENT  
CENTRAL PRISON LARKANA***

**WITNESSES OF PARTY NO.1:**

Witness No. 1:	Signature _____	_____
	Name: _____	_____
	Designation: _____	_____
witness No. 2:	Signature: _____	_____
	Name: _____	_____
	Designation: _____	_____

**CONTRACTOR**

**WITNESSES OF PARTY NO.2:**

Witness No. 1:	Signature: _____	_____
	Name: _____	_____
	Designation: _____	_____
Witness No. 2:	Signature: _____	_____
	Name: _____	_____
	Designation: _____	_____

**Part-IX**

**SPECIFICATIONS OF ITEMS**

S #	Name of Article	Requirement																
01	<b><u>Night Vision CCTV IP Camera</u></b>																	
	3MP Night Vision IP Camera Specification																	
	<b>Camera</b>																	
	Image Sensor		1/3" 3Megapixel progressive CMOS															
	Effective Pixels		2304H)x1536(V)															
	RAM/ROM		256MB/16MB															
	Scanning System		Progressive															
	Electronic Shutter Speed		Auto/Manual, 1/3(4)~1/100000s															
	Minimum Illumination		0.1Lux/F2.0(Color), 0Lux/F2.0(IR on)															
	S/N Ratio		More than 50dB															
	IR Distance		Distance up to 30m(98ft)															
	IR On/Off Control		Auto/ Manual															
	IR LEDs		18															
	<b>Lens</b>																	
	Lens Type		Fixed															
	Mount Type		Board-in															
	Focal Length		3.6 mm															
	Max. Aperture		F2.0/F2.0															
	Angle of View		H:98°/77°, V:51°/41°															
	Focus Control		Fixed															
	Close Focus Distance		N/A															
	DORI Distance		<table border="1"> <thead> <tr> <th data-bbox="492 1122 673 1240">Lens</th> <th data-bbox="673 1122 855 1240">Detect</th> <th data-bbox="855 1122 1037 1240">Observe</th> <th data-bbox="1037 1122 1219 1240">Recognize</th> <th data-bbox="1219 1122 1409 1240">Identify</th> </tr> </thead> <tbody> <tr> <td data-bbox="492 1240 673 1276">2.8 mm</td> <td data-bbox="673 1240 855 1276">58m(190ft)</td> <td data-bbox="855 1240 1037 1276">23m(75ft)</td> <td data-bbox="1037 1240 1219 1276">12m(39ft)</td> <td data-bbox="1219 1240 1409 1276">6m(20ft)</td> </tr> <tr> <td data-bbox="492 1276 673 1391">3.6 mm</td> <td data-bbox="673 1276 855 1391">73m(240ft)</td> <td data-bbox="855 1276 1037 1391">29m(95ft)</td> <td data-bbox="1037 1276 1219 1391">15m(49ft)</td> <td data-bbox="1219 1276 1409 1391">7m(23ft)</td> </tr> </tbody> </table>	Lens	Detect	Observe	Recognize	Identify	2.8 mm	58m(190ft)	23m(75ft)	12m(39ft)	6m(20ft)	3.6 mm	73m(240ft)	29m(95ft)	15m(49ft)	7m(23ft)
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	3.6 mm		73m(240ft)	29m(95ft)	15m(49ft)	7m(23ft)												
	<b>PTZ</b>																	
	Pan/Tilt Range		Pan:0° ~ 360° ;Tilt:0° ~ 90° ;Rotation:0° ~ 360°															
	<b>Video</b>																	
Compression	H.264+/H.264																	
Streaming Capability	2 Streams																	
Resolution	3M(2048×1536)(2304×1296)/ 1080P(1920×1080)/720P(1280×720)/D1(704×576)/QVGA(480×360)/ CIF(352×288/352×240)																	
Frame Rate	3M(1 ~ 20fps)/2M (1 ~ 25/30fps)s																	
	D1/CIF(1 ~ 25/30fps)																	
Bit Rate Control	CBR/VBR																	
Bit Rate	H264:24K ~ 8192Kbps																	
Day/Night	Auto(ICR) / Color / B/W																	
BLC Mode	BLC / HLC / DWDR																	



White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detetion	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image	Support
Smart IR	Support
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)
<b>Audio</b>	
Compression	N/A
<b>Network</b>	
Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP;HTTPS;TCP;ARP;RTSP;RTP;UDP;SMTP;IP; DHCP;DNS;DDNS;PPPOE;IPv4/v6;QoS;UPnP;NTP; Bonjour;802.1x;Multicast;ICMP;IGMP;
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	10 Users/20 Users
Edge Storage	NAS(Network Attached Storage) Local PC for instant recording
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS, DSS,Easy4ip
Smart Phone compatibility	iPhone, iPad, Android Phone
<b>Certifications</b>	
Certifications	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B
<b>Electrical</b>	
Power Supply	DC12V PoE (802.3af)(Class 0)
Power Consumption	<7.5W
<b>Environmental</b>	
Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	N/A

<b><u>Laser CCTV IP Camera 2 Mega Pixel Speed Dome including Bracket</u></b>		
<b><u>Specification</u></b>		
Image Sensor	Diagonal 405 mm (type 1/4)	
Min. Illumination	659 (H)x494(V) approx. 330K pixels 692 (H)x504(V) approx. 350K pixels	
Shutter time	1/3 to 1/100000 s	
Lens	4 mm @ F2.0 (6mm, 16mm optional) angle of view : 85 4 mm @ F2.0 (6mm, 16mm optional) angle of view : 70	
Lens Mount	M12	
Day & Night	ICR	
Digital Noise Reduction	3D DNR	
Wide Dynamic Range	Digital DNR	
Compression Standard		
Video Compression	H.264/MJPEG	
H.264 Codec Profile	Main Profile	
Bit Rate	32 KBPS~12 MBPS	
Dual Stream	Yes	
Image		
Max Image Resolution	1920x1080	
Frame Rate	50hz:25fps(1920x1080), 25 fps (1280x960) 25fps (1280x720) 60hz 25fps (1920x1080) 30fps (1280x960) 30fps (1280x720)	
Backlight Compensation	Yes Zone optional	
ROI	Support	
Network		
Network Storage	NAS	
Alarm Trigger	Motion detection tampering alarm Network Disconnect, IP address conflict, instruction detection, line crossing detection, storage full, storage Error	
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP, RTSP,RTCP,PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X, QOS,IPV6,BONJOUR	
System Compatibility	ONVIF,PSIA,CGI,ISAPI	
General Functionalities	User Authentication, water mark, IP address Filtering, Anonymous access	
Interface		
Communication interface	1RJ45 10M/ 100M Earthnet Interface	
General		
Operating Conditions	-30C ~ 60C (-22F ~ 140F) Humidity 95% or less (non-condensing)	
Power Supply	12 VDC 10% POE(802.3af)	
Power Consumption	-I3:max. 5.5w, -I5: max 7w, -I8: max 10w	
Ingress Protection		
IP Range	-I3 1pcs EXIR LED, upto 30m, 15 2pcs EXIR LED, upto 50 m , 18 4pcs EXIR LEDs up to 80m	
Dimensions	299.71mmx86.40mmx85.11mm (11.8"x3.4" X 3.35")	
Zoom	30xZoom High Speed	
<b><u>Supply &amp; Installation of 8 Port 10/100/1000 Network Switches</u></b>		
<b>SPECIFICATIONS:</b>		
<b>Hardware Features</b>		
Standards and Protocols	IEEE 802.3i/802.3u/ 802.3ab/802.3x	
Interface	8 10/100/1000Mbps RJ45 Ports AUTO Negotiation/AUTO MDI/MDIX	
Fan Quantity	Fanless	
Power Consumption	Maximum: 4.63W (220V/50Hz)	
External Power Supply	External Power Adapter (Output: 5VDC / 0.6A)	
Jumbo Frame	15 KB	

02

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	Switching Capacity	16 Gbps	
	Dimensions ( W x D x H )	7.1 x 3.5 x 1.0 in. (180 x 90 x 25.5 mm)	
	<b>SOFTWARE FEATURES</b>		
	Transfer Method	Store and Forward	
	MAC Address Table	4K	
	Advanced Functions	Green Technology 802.3X Flow Control, Back Pressure	
	<b>OTHERS</b>		
	Certification	FCC, CE, RoHs	
	<b>System Requirements</b>		
	Environment	Operating Temperature: 0°~40° (32°~104°); Storage Temperature: -40°~70° (-40°~158°); Operating Humidity: 10%~90% non-condensing; Storage Humidity: 5%~90% non-condensing	
	<b><u>Hard Disk /Storage Disk</u></b>		
04	<b><u>Specifications:</u></b> Size 2048 GB/02 Tera Bytes Suitable for Desktop or Server PCs SATA 6Gb/s Interface Boosts Performance Large 2TB Capacity & 7200 RPM Spin Speed OptiCache Technology & 64MB Cache SmartAlign & AcuTrac Technology Accurate Read/Write to Nano-Sized Tracks Advanced Power Modes for Saving Energy Free Disc Wizard Software		<b>03 Nos</b>
	<b><u>LED TV 40"</u></b>		
05	<b><u>Features/Specification</u></b> Size 40" Penal Type Full HD Resolution 1920*1080 Power Consumption 70 W Viewing Angle 178/178 Refresh Rate 60Hz Contrast Ratio 4000:1 Colors 16.7 M(8bit) Warranty 01 Year CONNECTIVTIY HDMI 2 Component IN AV IN AV OUT SPDIF OUT Headphone OUT USB Port 2 Dimensions Dimensions with stand W x HxD (mm) 1083*136*650		<b>03 Nos.</b>

## 16 Channel Network Video Recorder

### Specifications:

<i>Video/Audio Input</i>		
IP video input:	16-ch	
Two-way audio input:	1-ch, RCA (2.0 Vp-p, 1kΩ)	
<i>Network</i>		
Incoming bandwidth:	160Mbps	
Outgoing bandwidth:	80Mbps	
Remote connection:	128	
<i>Video/Audio Output</i>		
HDMI/VGA output:	1-ch, resolution: 1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz	
Recording Resolution:	6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
Frame Rate:	Main stream: 50 fps (P) / 60 fps (N) Sub-stream: 50 fps (P) / 60 fps (N)	
Audio Output:	1-ch, RCA (Linear, 1kΩ)	
Synchronous Playback:	16-ch	
<i>Decoding</i>		
Live view / Playback:	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
Capability:	16-ch@4CIF, 12-ch@720P 6ch@1080P	
<i>Hard Disk</i>		
SATA:	2 SATA interfaces for 2 HDDs	
Capacity:	Up to 4TB for each disk	
<i>External Interface</i>		
Network Interface:	1RJ-45 10/100/1000Mbps self-adaptive Ethernet interface	
USB Interface:	1 × USB 2.0 and 1 × USB 3.0	
Alarm In:	4-ch	
Alarm Out:	1-ch	
<i>POE</i>		
Interface:	16 independent 100 Mbps PoE network interfaces	
Max. Power:	120W	
Supported Standard:	AF and AT	
<i>General</i>		
Power Supply:	100~240W AC	
Consumption(without hard disk and POE):	≤ 10W	
Working Temperature:	-10 °C ~ +55 °C (+14 °F~ +131 °F)	
Working Humidity:	10 % ~ 90 %	
Chassis:	19 inch rack-mounted 1U chassis	
Dimensions:	445 × 290 × 45mm (17.5 × 11.4 × 1.8 inch)	
Weight(without HDD):	≤ 1 kg (2.2lb)	
<b>07</b>	<b><u>Service &amp; Installation with material Charges incidental to aforementioned items</u></b>	<b>03 Nos</b>

**Part-X**

**BILL OF QUANTITIES (BOQ) - (FINANCIAL PROPOSAL)**

S#	Item & Description	Qty	Rate per Unit	Rate in Figures & Words including Taxes		Total Amount
				Rate	Taxes	
1.	Night Vision CCTV IP Camera	27				
2	Laser CCTV IP Camera 2 Mega Pixel Speed Dome including Bracket	03				
3	8 Port 10/100/1000 Network Switches	14				
4	16 Channel NVR 10/100/1000	03				
5	LED TV 40"	03				
6	Hard Disk / Storage Drive 2 TB	03				
7	Service / Installation with material charges	-				
<b>Grand Total:</b>						

Name, Signature & Stamp of Bidder



\* Telephone No.  
Fax No.  
Email:

**OFFICE OF THE  
SENIOR SUPERINTENDENT CENTRAL  
PRISON LARKANA**

No. TR <sup>5945</sup> of 2017

Dated: 21 / 04 / 2017

## **TENDER NOTICE**

**(Through Website SPPRA)**

Sealed bids are invited according to Single Stage Two Envelope Procedure as per SPPRA Rules 2010 (amended up to Date) from the Authorized Persons / Contractors / Firms and General Order suppliers duly registered with Income Tax/Sales Tax & other applicable taxes (Federal/Provincial) for supply & installation of following articles during the current fiscal year 2016-2017.

S.No	Name of Items	Quantity	Tender Fee
01	Night Vision CCTV IP Camera 3MP	27	Rs.1000/-
02	Laser CCTV IP Camera 2 Mega Pixel Speed Dome including Bracket	03	
03	8 Port 10/100/1000 Network Switches	14	
04	LED TV 40"	03	
05	16 Channel NVR 10/100/1000	03	
06	Hard Disk / Disk Storage 2 TB	03	
07	Service / Installation with material charges	-	

- i. Bid documents containing details i.e. bid security, performance security, terms & conditions, evaluation criteria, quantity and specifications etc can be obtained from the Office of the Senior Superintendent Central Prison Larkana up to **08/05/2017** from the date of first publication of tender notice in SPPRA Website. Tender fee of items as mentioned above will be in cash (non-refundable).
- ii. Bid document of above mentioned articles shall be received back on **09/ 05 /2017 upto 11:00 a.m** (complete in all respect) by hand only at the Office of the Senior Superintendent Central Prison Larkana and shall be opened on the same day i.e. on **09/05/2017 at 12:00 noon** by the Procurement Committee, in presence of bidders who intends to be present or through their representative. In case, any public holiday falls due to any reason on the opening day of bids, then it shall be received and opened on the next working day, at the given time and venue.
- iii. Bid Security amounting to **02%** of Bid price must be submitted along with Bid in shape of pay order in favor of the Senior Superintendent Central Prison Larkana, issued by any scheduled bank of Pakistan.
- iv. Bid documents of aforesaid items are available at SPPRA website i.e. [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk).
- v. Tender Notice (NIT) is also available at SPPRA website ([www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)).
- vi. The bidder who gets the bid document by downloading from website must attach tender fee in shape of pay order as mentioned above.
- vii. Conditional Bid / application will not be entertained.
- viii. Any further information, if needed, may be obtained from the Office of Senior Superintendent Central Prison Larkana on any working day during Office hours or on phone No.
- ix. The Procuring Agency may increase or decrease quantity of the items as per rules.
- x. The Procuring Agency may reject all or any bid at any time prior to the acceptance of a bid, subject to the relevant provisions of SPPRA rules 2010 (amended up to date)

*SENIOR SUPERINTENDENT  
CENTRAL PRISON LARKANA*