



**Karachi Institute of Radiotherapy and Nuclear Medicine  
(KIRAN)**

Near Safoora Chowk, Off University Road, KDA Scheme-33, Gulzar-e-Hijri, Karachi  
Ph: 021-99261601-04 FAX: 021-99261610

No. KIRAN-Bldg-6(2)/2021-22  
M/S \_\_\_\_\_

Dated: -     -11-2022

**SUBJECT: TENDER DOCUMENT AGAINST PUBLIC TENDER NOTICE  
NO.02/2022-23 REGARDING SUPPLY & INSTALLATION OF  
HIGH QUALITY IP CCTV SURVEILLANCE SYSTEM**

Dear Sir(s),

Reference to your letter No. \_\_\_\_\_ dated \_\_\_\_\_ please find enclosed herewith detailed specifications of stores with the request to submit your tender as per terms and conditions detailed below:-

1. Sealed tenders should reach this office on 23-11-2022 up to the time of opening of the tenders, i.e. 12.00 pm positively for their opening in presence of the tenderers who may wish to witness the proceeding. In case, there is a closed holiday on due date, then tenders will be opened on next working day.
2. Tender should be submitted in the sealed cover, addressed to the undersigned marked with the "Tender No./Ref. No. and due date" on the envelope.
3. Tenders must be submitted with complete technical specifications of each item along with the supporting technical literature for the evaluation.
4. The quotation must be submitted on F.O.R basis in local currency **including of G.S.T.**
5. Enclose 2% earnest money (refundable) equal to the quoted value of all the items in the shape of Bank Draft/Pay order in the name of KIRAN, Karachi, failing which, the tender will be rejected out rightly. No Bank Guarantee will be accepted.
6. The validity of the offer must not be less than 90 days from the date of opening of tender.
7. Suppliers/Firms must provide prescribed "General Sales Tax Registration Certificate" (Under Sales Tax Act 1990) and NTN Number along with their bid, failing which, the tender will be rejected out rightly.
8. General Order Suppliers and the persons running their business at their homes are not eligible to participate. Their offers would be rejected.
9. Only those suppliers can participate who are registered as sales tax payer under Sales Tax Act 1990.
10. The payment will only be made after the complete supply of stores within the stipulated delivery period in accordance with the exact required specifications of store and its acceptance by KIRAN.
11. Technical Specification, terms & condition are enclosed.

Sr. Admin Officer  
Karachi Institute of Radiotherapy & Nuclear Medicine (KIRAN)

12 KIRAN 1011-2311. ✓

**TENDER NOTICE NO.02/2022-23.**

A Public Sector Organization invites sealed tenders from the reputed Firms/Manufacturers/Dealers/Stockiest having their own offices and telephone for the supply of following on F.O.R basis (Free delivery at site).

S. #	Tender No.	Description of Item	Tender Cost	Opening Date
1	02/2022-23 KIRAN-Bldg-6(2) 2021-22	Supply & Installation of High Quality IP CCTV Surveillance System.	Rs.1,000/=	23-11-2022 at 12.00 pm

**Terms and Conditions:-**

- 1) The tender documents and the detailed specifications of the tender may be obtained from the office of the Accounts Department, KIRAN, Karachi during the working hours from 9:00 a.m. to 12:00 p.m. by applying on letter head and payment of tender cost Rs. 1,000/- (Non-refundable) in the shape of Bank draft/Pay Order in the name of KIRAN, Karachi. Tender fee in cash will not be accepted. No tender document will be sold on the opening date of the tender. The tender documents can also be downloaded from the PPRA website and submitted with the admissible tender fee.
- 2) Bids will be collected on due dates on 23-11-2022 up to 11:00 am and will be opened on the same days at 12.00 pm in the presence of all the concerned bidder who may wish to attend the same. No bid shall be accepted after 11.00 a.m.
- 3) The acceptance/rejection of the bids will be made according to PPRA Rules 33(1).

**SENIOR ADMIN OFFICER**

P.O Box # 17948

Phones: 99261601-04 Ext: 226 FAX: 99261610

## TECHNICAL SPECIFICATIONS FOR IP CCTV SURVEILLANCE SYSTEM.

### DESIGN CONCEPT & SCOPE OF WORK:

#### A. GENERAL DESIGN CONCEPT:

The entire IP surveillance system is designed to control and monitor the different blocks of the KIRAN Hospital. All the corridors, waiting Halls and Open spaces shall have IP Fixed Box camera for monitoring

- All cameras shall be true IP PoE camera.
- All cameras shall be in IP-66/67 housing.
- All outdoor items for cameras like JB's, power supply, media convertor etc. shall be in water proof and dust proof housing.
- Tentative locations of cameras are as was indicated during the site visit.

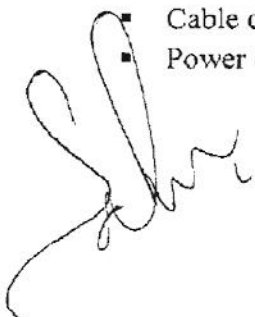
#### B. SCOPE OF WORK:

- Design, Supply, installation, testing and commissioning high quality IP CCTV surveillance system along with power supply, power distribution and required accessories in the different blocks of KIRAN Hospital.
- The entire system shall be as per technical specifications enclosed with tender documents.
- The price quoted by the vendor should include all the expenses incurred in commissioning of all cameras with power supply, accessories and other devices complete with software.
- The CCTV surveillance system should consist of IP Fixed Bullet/dome cameras (indoor type), fixed Bullet cameras (outdoor type), software, server, power supply and cables.
- Video management software shall offer both video stream management and video stream storage management. Recording frame rate and resolution in respect of individual channel shall be programmable.
- Provide an independent network to connect Cameras, switches NVR, Media Converters etc.
- Cat 6 cable/fiber cable connectivity with all required hardware up to purchaser's networking switches of LAN, locations of networking switches.
- 230 volts AC Power supply distribution from UPS to each location of cameras along with DB's, JB's, cabling work etc. with required accessories.
- Training & handing over of all materials, equipment and appliances.
- **Any other items/accessories required for installation, testing and commissioning of CCTV system.**
  - No extra cost shall be paid for miscellaneous items if required to complete the work as per the design concept.

#### C. System Documentation

The system supplier shall submit all shop drawings, and bill of materials

- Installation drawing
- Bill of Materials
- Cable connectivity drawings and cable schedule
- Power distribution scheme



- Specifications and data sheet for each item
- List of software and software licenses,
- Test certificates, Internal test reports etc.
- System configuration diagrams in simplified block format.
- Manufacturer's instructions and drawings for installation, maintenance, and operation of all purchased items.
- Overall system operation and maintenance instructions—including preventive maintenance and troubleshooting instructions.
- A list of all functions available and a sample of function block programming that shall be part of delivered system.
- Quality Assurance Plan
- Operation and maintenance manuals.

#### **D. Quality Assurance**

- The entire system shall be installed and commissioned from a single vendor to assure reliability and continued service.
- The vendor shall be required to train and instruct client's personnel in the correct use, operation and supervision of the system, preferably prior to the handing over of the project.
- The supplier shall be responsible for inspection and Quality Assurance (QA) for all materials and workmanship.

#### **E. TESTING:**

**Tools, Testing and Calibration Equipment:** The supplier shall provide all tools, testing, and calibration equipment necessary to ensure reliability and accuracy of the system.

#### **F. POWER SUPPLY:**

230 V + 10 %, 50 Hz + 5% shall be made available for UPS input. Bidder's scope shall include complete power distribution for IP CCTV including complete cabling work, DBs and required electrical accessories with suitable protection devices from UPS (in bidder's scope) and UPS output to IP CCTV cameras .

