



JINNAH SINDH MEDICAL UNIVERSITY, KARACHI

NATIONAL COMPETATIVE BIDDING

FOR

**CCTV & SURVEILLANCE WORK AT VARIOUS DEPARTMENT
OF
JINNAH SINDH MEDICAL UNIVERSITY KARACHI**

March - 2026

(Bidding Documents)

Through E-Procurement-SPPRA EPADS SYSTEM

Jinnah Sindh Medical University Karachi

Rafiqi H.J. Shaheed Road, Karachi Postal Code# 75510 www.Jsmu.edu.pk

Tel:021- 99205185 (Extension – 3009-3012)

LIST OF CONTENTS

| PART | DESCRIPTION |
|-------------|--------------------------------|
| Part-I | NOTICE INVITING TENDERS |
| Part-II | INSTRUCTIONS TO BIDDERS |
| Part-III | GENERAL CONDITIONS OF CONTRACT |
| Part-IV | BID DATA SHEET |
| Part-V | EVALUATION CRITERIA |
| Part-VI | SPECIAL CONDITIONS OF CONTRACT |
| Part-VII | SCHEDULE OF REQUIREMENT |
| Part-VIII | TECHNICAL SPECIFICATION |
| Part-IX | SAMPLE FORM |

Development, or a related field.

Experience:

- A minimum of seven (07) years of demonstrated post-qualification professional experience in gender mainstreaming and women's empowerment, preferably within large-scale, international development or humanitarian projects.
- Proven experience in conducting gender analysis, developing Gender Action Plans (GAPs), and overseeing their implementation across multiple operational components.
- In-depth familiarity and proven application of the gender requirements of the World Bank Environmental and Social Framework (ESF), including the risks of Gender-Based Violence (GBV).
- Experience in community-driven development projects and working under conditions similar to those in Balochistan, including knowledge of local languages is a highly desirable advantage.

The FPMU-IFRAP, now invites eligible individuals to indicate their interest in providing the specified services. Interested consultants must submit detailed CVs demonstrating their qualifications to perform the services, as per the criteria defined in the **Terms of Reference (TORs)**. The TORs can be downloaded through the following link: <https://ifrap.org.pk/procurements-ifrap/>.

The **Expression of Interest (EOI)** must be submitted through the online portal within 15 days of the publication of this advertisement via the following link: <https://ifrap.org.pk/procurements-ifrap/>. Qualified female candidates are strongly encouraged to apply.

The attention of interested consultants is drawn to **Section III, paragraphs 3.14, 3.16, and 3.17** of the World Bank's "Procurement Regulations for IPF Borrowers" (February 2025), which set forth the World Bank's policy on conflict of interest.

Consultants will be selected in accordance with the procedures set out in the **World Bank Procurement Regulations for IPF Borrowers (February 2025)**.

In case of any query, please email Procurement Officer at khurram@ifrap.org.pk

PID/IJT215/25

international peace and security."

Advocating a change of course, he said, the upsurge has generated new geopolitical and pro-economic pressures. "If not managed responsibly, competition over natural resources can affect supply chains, aggravate tensions, undermine sovereignty, and contribute to instability."

In this regard, the Pakistani envoy underscored that shared water resources are indispensable for sustaining life, and for sustainable development and prosperity.

"We reject the weaponization of water to choke this lifeline for lower riparians, also threatening regional peace, security and stability," Ambassador Asim Ahmad said.

Pakistan, he said, is itself confronted with water scarcity by India that has resorted to unilateral and unlawful actions of putting in abeyance the 1960 Indus Waters Treaty in violation of international law and the provisions of that Treaty.

"The international community must impress upon India to return to full compliance with the Indus Waters Treaty, which remains valid and in force as per the August 2025 award of the Court of Arbitration."

United States Secretary of Energy Chris Wright chaired the meeting, as US holds the presidency of the Security Council for the month of March.

"Where mineral wealth intersects with weak governance, entrenched poverty and external interference, the risks of instability

"Efforts to secure a must not devolve into politics, economic coercion, exclusionary arrangements thereby ensuring that a chain diversification does become a tool for geopolitical containment. Fragment of global markets undermine both transitions objectives, collective security."

In this era technological transform the Pakistanis envoy said governance of energy critical minerals must be firmly anchored in the Charter and International Managed in accordance these principles, resources could sustainable development shared global prosperity.

"Mismanaged exploited, they risk deep inequities and intense geopolitical tensions," added.

Opening the de Rosemary DiCaro, UN Nations Under-Secretary General for Peace-keeping Affairs, the Security Council critical minerals are "among the main drivers of the world's green economy", essential everything from smart to electric vehicles.

JINNAH SINDH MEDICAL UNIVERSITY, KARACHI
PROCUREMENT DEPARTMENT
6th Floor Dental Building JSMU, 021-99205185 Ext (3012 & 3009)
Ref No: JSMA/PROC/NT/2326/205 Date: 05-03-2025

NOTICE INVITING TENDER

Sealed Bids are invited on SINGLE STAGE TWO ENVELOPE PROCEDURE through e-procurement online submission from Reputable Firms who must be registered as active tax payer with applicable Tax authorities (FTRN, & SBR) and having relevant experience and capabilities as per relevant building document. Only for Serial 02, the firm(s) must be registered in PEC with valid license in specified category & specialties as well as relevant experience and required capabilities as stated in the relevant bidding documents of the tender(s) shall be rejected.

| S/N | Procurement / Work Description | Estimated Money / Bid Security (PKR) | Tender Fee | Completion Period | Tender Procedure |
|-----|---|--------------------------------------|-------------|-------------------|---------------------------|
| 01 | CCTV & SURVEILLANCE WORK AT VARIOUS DEPARTMENTS OF JSMU | Rs. 400,000/- | Rs. 5,000/- | 05 Months | SINGLE STAGE TWO ENVELOPE |
| 02 | STRENGTHENING/UPGRADATION OF JINNAH SINDH MEDICAL UNIVERSITY KARACHI (PACKAGE 02) | Rs. 80 (M) | Rs. 5,000/- | 24 Months | ENVELOPE |

SCHEDULE FOR ONLINE BID SUBMISSION/ONLINE OPENING OF TENDER

| S/N | Name of Procurement/Work | Bidding application & Issuance of Tender documents | Submission of Tender Documents (in ENRDS) | Opening of Tender (in ENRDS) |
|-----|---|--|---|------------------------------|
| 01 | CCTV & SURVEILLANCE WORK AT VARIOUS DEPARTMENTS OF JSMU | From 11/04/2024 to 27/03/2025 | Tu 28/03/2025 up to 10:30 AM | Tu 28/03/2025 up to 11:00 AM |
| 02 | STRENGTHENING/UPGRADATION OF JINNAH SINDH MEDICAL UNIVERSITY KARACHI (PACKAGE 02) | From 05/03/2024 to 20/03/2025 | Tu 27/03/2025 up to 09:30 AM | Tu 25/03/2025 up to 10:00 AM |

VENUE: OFFICE OF THE PROCUREMENT OFFICER DEPARTMENT, 6th FLOOR, JSMU

Tender Documents can be obtained during office hours on payment of Tender Documents fee of Rs. 5,000/- (Five Thousand & Five Hundred) in shape of pay order in favor of JINNAH SINDH MEDICAL UNIVERSITY from the office of the Procurement Officer, 6th Floor, JSMU or can be downloaded from Jinnah Sindh Medical University official website www.jsmu.edu.pk or Sindh Public Procurement Regulatory Authority (SPPRA) official website www.sppra.gov.pk

(4) The tender shall be opened by the Procurement Committee in presence of the bidders or their authorized representative who wish to attend as per rules of e-procurement.

(5) In case of holiday or any incident, tenders will be opened/submitted/opened on the next working day as per given schedule.

(6) All bidder must submit latest Certificates of NTN & SRB Certificate, along with required documents as per bidding documents duly attached with technical proposal. Complete technical & financial bids must stamped & signed else (bids) shall be rejected.

(7) All prescribed fees applicable under Federal/Provincial/Local Government shall be borne by Bidder/Supplier.

(8) Above mentioned specified tender procedure shall be adopted for the procurement as per SPPRA Rules 2010 (Amended 2025).

(9) Technical Proposal & Financial proposal shall be separately uploaded online on ENRDS website as specified in the bidding documents. Separate copy of sealed bids in hardcopy, original bid security & tender fees (in case of download) must be submitted by/before tender submission time & date (mandatory) at above mentioned address in sealed envelope for each tender separately. Bid security shall be furnished in favor of JINNAH SINDH MEDICAL UNIVERSITY. The bid security shall be only acceptable in shape of Pay order/Bank draft only.

(10) The firm/bidder must enclose in online bid an affidavit on judicial stamp paper of Rs. 500/- that the firm / Bidder has never been blacklisted from any Government/semi Government/Private or Public Sector all over the Pakistan. At any stage firm/bidder found blacklisted the bid shall be rejected & not be considered further. In case of any litigation, the firm must mentioned the litigation details & current status in the undertaking.

(11) Procurement agency may reject all or any bid subject to the relevant provision of SPPRA Rules 2010 (Amended 2025). All Terms & Conditions of SPPRA/ENRDS shall be applicable.

PROCUREMENT OFFICER
Jinnah Sindh Medical University

WORK FOR SINDH
www.work4sindh.com

A JOB PORTAL BY INFORMATION DEPARTMENT

INF-KRY/0904/25

Nepal's vote count puts ex-rapper's party ahead in two-thirds of seats

The party of Nepali rapper-turned-politician Balendra Shah was ahead on Friday in more than two-thirds of seats where leads were available in general elections, outgoing rivals, including the former prime minister ousted in last year's uprising.

Shah, 35, the former mayor of Kathmandu, the capital, has dominated the race to become prime minister during the campaign, gaining near-rocket-like fame on social media across the Himalayan nation in the wake of the youth-led uprising.

"I voted for Rastriya Swatantra Party because Balen is there," said Deepak Adhikari, 35, after voting for Shah's party in Kathmandu on Thursday, referring to the youthful leader by his popular name. "I believe he will become prime minister and make the country prosperous."

By noon on Friday, his centrist, Rastriya Swatantra Party, founded three years ago, was leading in 52 of the 63 seats for which leads were available.

Vote counting was underway for 185 seats under way for 185 seats from a total of 275 in Nepal's lower house of parliament, while the rest are to be decided by a system of proportional

(PROCUREMENT THE OFFICE)

The Government of Sindh the technical capacity of the firm payments under the Procurement and Payment Act of solutions

| Line Item No. | Description |
|---------------|--------------------|
| 1 | Branded Desktop |
| 2 | Branded Desktop |
| 3 | Laptop Note Book |
| 4 | Laptop Workstation |
| 5 | Laser Jet Printer |
| 6 | Standby UPS for |
| 7 | Image Enclosure |
| 8 | Indoor Wall mount |
| 9 | Heavy Duty Cans |
| 10 | Heavy Duty Cans |

All Costs related to :-
 1. Delivery & installation Generators, after 1000

2. The Procuring Agency in Professional bodies and p with ancillary services, as

3. The Procurement shall be in under Rule 45(2) read with the Bidding Document.

4. Bids may be submitted for view, subject to failure.

5. Interested Bidders may get Draft of the 1500/- copy-abstracted below with the

6. Alternatively, the bidding files/portal/sindh.gov.pk

7. Bids containing requisite ATTENTION and Bidding files/portal/sindh.gov.pk

8. Bidders shall have only one bid. Bids shall be rejected

9. Bids shall be publicly opened Documental 12:00 hours

10. However, in case of a job

11. All bids that remain valid least amount, as stipulated Agency

12. The Bid Security shall be issued by a scheduled bank

13. The original Bid Security is before the bid opening and Technical Bid. Non-compl

14. The Procuring Agency in accordance with the bid, sub

15. The address refer to id

Address: Room H
Telephone No. + 9

3 | Page

INSTRUCTION TO BIDDERS**PREPARATION OF BIDS**

| | | | |
|-----------|--|-----|---|
| 1. | Scope | 1.1 | The Jinnah Sindh Medical University, Karachi intend to purchase “ CCTV & SURVEILLANCE WORK AT VARIOUS DEPARTMENT OF JINNAH SINDH MEDICAL UNIVERSITY ” Through National Competitive Bidding SINGLE STAGE TWO ENVELOPE PROCEDURE as per SPPRA Rules-2010 (Amended 2021) Through E-Procurement (SPPRA EPADs) . |
| 2. | Language of Bid | 2.1 | The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Procuring agency shall be written in the English language. |
| 3. | Documents Comprising the Bid | 3.1 | The bid prepared by the Bidder shall comprise the following components: a) Price Schedule completed in accordance with ITB Clauses 4, 5 and 6. b) Bid security furnished in accordance with ITB Clause-9. |
| 4. | Bid Prices | 4.1 | The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total bid price of the goods it proposes to supply under the contract. |
| | | 4.2 | The prices shall be quoted on delivery to consignee’s end inclusive of all taxes, stamps, duties, levies, fees and installation and integration charges imposed till the delivery location specified in the schedule of Requirements. No separate payment shall be made of the incidental services. |
| | | 4.3 | Prices quoted by the by the Bidder shall be fixed during the Bidder’s performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet. |
| | | 4.4 | Prices shall be quoted in Pak Rupees unless otherwise specified in the Bid Data Sheet. |
| 5. | Bid Form | 5.1 | The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, and their country of origin, quantity, and prices. |
| 6. | Bid Currencies | 6.1 | Prices Shall be quoted in Pak Rupees. |
| 7. | Documents Establishing Bidder’s Eligibility and Qualification | 7.1 | The Bidder shall furnish, as part of its bid, documents establishing the Bidder’s eligibility to bid and its qualifications to perform the contract if its bid is accepted. a) that, in the case of a Bidder offering to supply goods under the contract which the bidder did not manufacture or otherwise produce, the bidder has been duly authorized by the good Manufacturer or producer to supply the goods in the Islamic Republic of Pakistan. b) that the Bidder has the financial, technical, and production capability necessary to perform the contract; c) That the Bidders meets the qualification criteria listed in the Bid Data Sheet. |
| 8. | Documents Establishing Goods’ Eligibility and Conformity to Bidding Documents | 8.1 | The documents evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings, and Data, and shall consist of: (a) a detailed description of the essential technical and performance characteristics of the goods; (b) the Bidder shall note that standards for workmanship, material ,and equipment, as well as references to brand names or catalogue numbers designated by the Procuring agency in its Technical Specification are intended to be descriptive only and not restrictive :till stated otherwise in Technical Specifications or Bid Data Sheet .The Bidder may substitute alternative standards, brand names , and /or catalogue numbers in its bid , provided that demonstrates to the Procuring agency’s satisfaction that the substitutions ensure substantial equivalence to those designated in the in the Technical Specifications |
| 9. | Bid Security | 9.1 | The bid security is required to protect the Procuring agency against the risk of Bidder’s conduct, which would warrant the security’s forfeiture The bid security shall be denominated in the currency of the of the bid: a) at the Bidder’s option, be in the form of either demand draft/call deposit or an unconditional bank guarantee from a reputable Bank: b) be submitted in its original form: copies will not be accepted; c) Remain valid for a period of at least 14 days beyond the original validity period of bids, or at least 14 days beyond any extended period of bid validity. |
| | | 9.2 | Bid security shall release to the unsuccessful bidders once the contract has been signed with the successful bidder or the validity period has expired. |
| | | 9.3 | The successful Bidder’s bid security shall be discharged upon the Bidder signing the contract, and furnishing the performance security. |

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| | | 9.4 | The bid security may be forfeited: a) if a Bidder withdraws its bid during the period of bid validity or b) in the case of a successful Bidder, if the bidder fails: (i) to sign the contract in accordance or (ii) to furnish performance security |
| 10. | Period of Validity of Bids | 10.1 | Bids shall remain valid for the period specified in the Bid Data Sheet after the date of bid opening prescribed by the Procuring agency. A bid valid for a shorter period shall be rejected by the Procuring agency as non-responsive. |
| | | 10.2 | In exceptional circumstances, the Procuring agency may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The bid security shall also be suitable extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required not be required nor per mitted to modify its bid. |
| 11. | Format and Signing of Bid | 11.1 | The Bidder shall prepare an original and the number of copies of the bid indicated in the Bid Data Sheet, clearly marking each " ORIGINAL BID " as appropriate. In the event of any discrepancy between them, the original shall govern. |
| | | 11.2 | The original and the copy or copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid. |
| | | 11.3 | Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid. |

SUBMISSION OF BIDS

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| 12. | Sealing and Marking of Bids | 12.1 | The Bidder shall seal the original and each copy of the bid in separate envelopes, duly marking the envelopes as “ ORIGINAL BID ”. The envelopes shall then be sealed in an outer envelope. The inner and outer envelopes shall be addressed to the Procuring agency at the address given in the BDS, and carry statement “ <i>DO NOT OPEN BEFORE ON GIVEN SCHEDULE AS PER NIT</i> ” |
| | | 12.2 | If the outer envelope is not sealed and marked as required, the Procuring agency shall assume no responsibility for the bid’s misplacement or premature opening. |
| 13. | Deadline for Submission of Bids | 13.1 | <i>The participating firm shall upload technical & financial bids separately along with copy of bid security on EPADs system as per given schedule of tender submission. Original Bid security & tender fees in shape of pay order in favor of Jinnah Sindh Medical University shall be submitted at Procurement Department of JSMU on given schedule of tender submission, in case of non-compliance the bid(s) shall be rejected.</i> |
| | | 13.2 | The Procuring agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents, in such case all rights and obligations of the Procuring agency and bidders previously subject to the deadline will thereafter be subject to the deadline. |
| 14. | Late Bids | 14.1 | Any bid received by the Procuring agency after the deadline for submission of bids prescribes by the Procuring agency shall be rejected and returned unopened to the Bidder. |
| 15. | Modification and Withdrawal of Bids | 15.1 | The Bidder may modify or withdraw its bid after the bid’s submission, provided that written notice of the modification, including substitution or withdrawal of the bids, is received by the Procuring agency prior to the deadline prescribed for submission of bids. |
| | | 15.2 | No bid may be modified after the deadline for submission of bid. |
| | | 15.3 | No bid may be withdrawn in the interval between the deadline for submission of bids and the expiry of the period of bid validity withdrawal of a bid during this interval may result in the Bidder’s forfeiture of its bid security. |

OPENING AND EVALUATION OF BIDS

| | | | |
|-----|--|------|---|
| 16. | Opening of Bids by the Procuring agency | 16.1 | The Procuring agency shall open all bids in the presence of bidder's representatives who choose to attend, at the time, on the date, and at the place specified in the Bid Data Sheet. The bidders' representatives who are present shall sign a register/attendance sheet evidencing their attendance. <i>Only the uploaded Bids on EPADS shall be opened on given schedule & time for bid opening.</i> |
| | | 16.2 | The bidders' names, bid modifications or withdrawals, bid prices, discounts, and the presences or absence of requisite bid security and such other details as the Procuring agency, at its discretion, may consider appropriate, will be announced at the opening. |
| 17. | Clarification of Bids | 17.1 | During evaluation of the bids, the Procuring agency may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted. |
| 18. | Preliminary Examination | 18.1 | The Procuring agency shall examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order. |
| | | 18.2 | Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the correction of the errors, its bid will be rejected, and its bid security may be forfeited. If there is a discrepancy between words and figures, the amount in words will prevail. |
| | | 18.3 | Prior to the detailed evaluation, the Procuring agency will determine the substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Procuring agency's determination of a bid's responsiveness is to be based on the contents of the bid itself. |
| | | 18.4 | If a bid is not substantially responsive, it will be rejected by the Procuring agency and may not subsequently be made responsive by the Bidder by correction of the nonconformity. |
| 19. | Evaluation and Comparison of Bids | 19.1 | The Procuring agency will evaluate and compare the bids which have been determined to be substantially responsive. |
| | | 19.2 | The Procuring agency's evaluation of a bid will be on delivery to consignee's end inclusive of all taxes, stamps, duties, levies, fees and installation and integration charges imposed till the delivery location and shall exclude any allowance for price adjustment during the period of execution of the contract. |
| 20. | Contacting the procuring agency | 20.1 | No Bidder shall contact the procuring agency on any matter relating to its bid, from the time of bid opening to the time the announcement of Bid Evaluation Report. If the Bidder wishes to bring additional information to the notice of the procuring agency, it should do so in writing. |
| | | 20.2 | Any effort by a Bidder to influence the Procuring agency in its decision on bid evaluation, bid comparison, or contract award may result in the rejection of the Bidder's bid. |

AWARD OF CONTRACT

| | | | |
|-----|---|------|--|
| 21. | Post – Qualification | 21.1 | In the absence of prequalification, the procuring agency may determine to its satisfaction whether that selected Bidder having submitted the lowest evaluation responsive bid is qualified to perform the contract satisfactorily. |
| | | 21.2 | The determination will take into account the Bidder's financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Claus-7 as well as such other information as the Procuring agency deems necessary and appropriate. |
| | | 21.3 | An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's bid, in which event the Procuring agency will proceed to the next lowest evaluated bid to perform satisfactorily. |
| 22. | Award Criteria | 22.1 | The Procuring agency will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily. |
| 23. | Procuring agency's Right to Accept any Bid and to Reject any or All Bids | 23.1 | Subject to relevant provisions of SPP Rules 2010 (Amended 2025), the Procuring agency reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award. |
| | | 23.2 | Pursuant to Rule 45 of SPP Rules 2010 (Amended 2025), Procuring agency shall hoist the evaluation report on Authority's web site, and intimate to all the bidders seven days prior to notify the award of contract. |
| 24. | Notification of Award | 24.1 | Prior to the expiration of the period of bid validity, the Procuring agency shall notify the successful Bidder in writing, that its bid has been accepted. |
| | | 24.2 | Upon the successful Bidder's furnishing of the performance security pursuant to ITB Clause 26, the Procuring agency will promptly notify each unsuccessful Bidder and will discharge its bid security. |
| 25. | Signing of Contract | 25.1 | At the same time as the Procuring agency notifies the successful Bidder that its bid has been accepted, the Procuring agency will send the Bidder the Contract Form provided in the bidding documents, incorporating all agreements between the parties. |
| | | 25.2 | Within fourteen (14) days, or any other period specified in BDS, of receipt of the Contract Form, the successful Bidder shall sign and date the contract and return it to the Procuring agency. |
| 26. | Performance Security | 26.1 | Within seven (07) days, or any other period specified in BDS, of the receipt of notification of award from the Procuring agency, the successful Bidder shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the bidding documents, or in another form acceptable to the Procuring agency. |
| | | 26.2 | Failure of the successful Bidder to comply with the requirement of ITB Clause 25 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Procuring agency may make the award to the next lowest evaluated Bidder or call for new bids. |
| 27. | Corrupt or Fraudulent Practices | 27.1 | <p>The Government of Sindh requires that Procuring agency's (including beneficiaries of donor agencies' loans), as well as Bidders/Suppliers/Contractors under Government-financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the SPPRA, in accordance with the SPP Act, 2010 and Rules made there under:</p> <p>(a) “Corrupt and Fraudulent Practices” means either one or any combination of the practices given below;</p> <p>(i) “Coercive Practice” means any impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;</p> <p>(ii) “Collusive Practice” means any arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;</p> <p>(iii) “Corrupt Practice” means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;</p> <p>(iv) “Fraudulent Practice” means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;</p> <p>b) “Obstructive Practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening,</p> |

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| | | | harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights provided for under the Rules. |
|--|--|--|--|

General Conditions of Contract

| | |
|--------------------------------|--|
| 1. Definitions | <p>1.1 In this Contract, the following terms shall be interpreted as indicated:</p> <p>(a) “The Contract” means the agreement entered into between the Procuring agency and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.</p> <p>(b) “The Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.</p> <p>(c) “The Goods” means all of the equipment, machinery, and/or other materials, which the Supplier is required to supply to the Procuring agency under the Contract.</p> <p>(d) “The Services” means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.</p> <p>(e) “GCC” means the General Conditions of Contract contained in this section.</p> <p>(f) “SCC” means the Special Conditions of Contract.</p> <p>(g) “The Procuring agency” means the Sindh Public Procurement Regulatory Authority (SPPRA), Government of Sindh.</p> <p>(h) “The Supplier” means the individual or firm supplying the Goods and Services under this Contract.</p> <p>(i) “SPP Rules 2010” means the Sindh Public Procurement Rules 2010 (Amended 2025).</p> <p>(j) “Day” means calendar day.</p> |
| 2. Standards | <p>The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the concerned institution.</p> |
| 3. Patent Rights | <p>The Supplier shall indemnify the Procuring agency against all third- party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the Islamic Republic of Pakistan.</p> |
| 4. Performance Security | <p>4.1 Within seven (07) days, or any other duration as specified in SCC, of receipt of the notification of Contract award, the successful Bidder shall furnish to the Procuring agency the performance security in the amount specified in SCC.</p> <p>4.2 The proceeds of the performance security shall be payable to the Procuring agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.</p> <p>4.3 The performance security shall be denominated in the Pak rupees and shall be an unconditional bank guarantee, pay order, call deposit as, provided in the bidding documents or another form acceptable to the Procuring agency;</p> <p>4.4 The performance security will be discharged by the Procuring agency and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.</p> |
| 5 Inspections and Tests | <p>5.1 The Procuring agency or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring agency. The Procuring agency shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.</p> <p>5.2 Should any inspected or tested Goods fail to conform to the Specifications, the Procuring agency may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Procuring agency.</p> <p>5.4 The Procuring agency's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Manufacturer.</p> <p>5.5 Nothing in GCC Clause 5 shall in any way release the Supplier from any warranty or other obligations under this Contract.</p> |

| | |
|----------------------------------|--|
| 6. Packing | The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. |
| 7. Delivery and Documents | Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping/ transportation and/or other documents to be furnished by the Supplier are specified in SCC. |
| 8. Insurance | The Goods supplied under the Contract shall be delivered consignee's end under which risk is transferred to the Procuring agency after having been delivered; hence insurance coverage is Supplier's responsibility. |
| 10. Transportation | The Supplier is required under the Contract to transport & placed the Goods to a specified place of destination and shall be arranged by the Supplier, and related costs shall be deemed to have been included in the Contract Price. |
| 10. Incidental Services | <p>10.1 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:</p> <ul style="list-style-type: none"> (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods; (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods; (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; |
| 11. Spare Parts | <p>11.1 The Supplier should provide any or all of the notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <ul style="list-style-type: none"> (a) such spare parts as the Procuring agency may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and (b) in the event of termination of production of the spare parts: <ul style="list-style-type: none"> (i) advance notification to the Procuring agency of the pending termination, in sufficient time to permit the Procuring agency to procure needed requirements; and (ii) Following such termination, furnishing at no cost to the Procuring agency, the blueprints, drawings, and specifications of the spare parts, if requested. |
| 12. Warranty | <p>12.1 The Supplier warrants that the Goods supplied under the Contract are new, unused, of desired models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring agency's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.</p> <p>12.2 This warranty shall remain valid as per BOQ (12 Months Standard Warranty) after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract.</p> <p>12.3 If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, within a reasonable period, the Procuring agency may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring agency may have against the Supplier under the Contract.</p> |
| 13. Payment | <p>13.1 The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.</p> <p>13.2 The Supplier's request(s) for payment shall be made to the Procuring agency in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and upon fulfillment of other obligations stipulated in the Contract.</p> <p>13.3 Payments shall be made promptly by the Procuring agency, but in no case later than thirty (30) days after submission of an invoice or claim by the Supplier.</p> <p>13.4 The currency of payment is Pak. Rupees</p> |
| 14. Prices | Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, |
| 15. Contract Amendments | No variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties. |

| | |
|---|--|
| 16. Delays in the Supplier's Performance | <p>16.1 Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring agency in the Schedule of Requirements.</p> <p>16.2 If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Procuring agency in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Procuring agency shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.</p> <p>16.2 Except as provided under GCC Clause 17 a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages unless an extension of time is agreed upon pursuant to GCC Clause 16.2 without the application of liquidated damages.</p> |
| 17. Liquidated Damages | <p>Subject to GCC Clause 20, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in SCC. Once the maximum is reached, the Procuring agency may consider termination of the Contract pursuant to GCC Clause 18.</p> |
| 18. Termination for Default | <p>18.1 The Procuring agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:</p> <p>(a) if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring agency pursuant to GCC Clause 16; or</p> <p>(b) if the Supplier fails to perform any other obligation(s) under the Contract.</p> <p>(c) if the Supplier, in the judgment of the Procuring agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.</p> |
| 19. Force Majeure | <p>19.1 Notwithstanding the provisions of GCC Clauses 16, 17 and 18, the Supplier 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 or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.</p> <p>19.2 For purposes of this clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Procuring agency in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.</p> <p>19.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring agency in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring agency in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.</p> |
| 20. Resolution of Disputes | <p>Resolution of dispute shall be through Mechanism for Redressal of Grievances as provided in the rules or through Arbitration Act 1942.</p> |
| 21. Governing Language | <p>The Contract shall be written in English language all correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.</p> |
| 22. Applicable Law | <p>The Contract shall be interpreted in accordance with the SPP Rules 2010 (amended 2025).</p> |
| 24. Taxes and Duties | <p>Supplier shall be entirely responsible for all taxes, duties (including stamp duty), license fees, etc., incurred until delivery of the contracted Goods to the Procuring agency.</p> |
| 25. Overriding effect of Sindh Public Procurement Rules 2010 | <p>In case of conflict or primacy of interpretation the provisions of SPP Rules 2010 (amended 2025) shall have an overriding effect notwithstanding anything to the contrary contained in these bidding documents</p> |

BID DATA SHEET

The following specific data for “CCTV & SURVEILLANCE WORK AT VARIOUS DEPARTMENT OF JINNAH SINDH MEDICAL UNIVERSITY” to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB) Part One. Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

| INTRODUCTION | |
|---|---|
| ITB 1 | Name of Procuring Agency: Procurement Department, 6th Floor Dental Building, Jinnah Sindh Medical University, Karachi. Rafiqi H.J. Shaheed Road, Karachi. Telephone No 99205185 Ext 3011-12, Fax No 99201372. |
| ITB 2 | Name of Contract. CCTV & SURVEILLANCE WORK AT VARIOUS DEPARTMENT OF JINNAH SINDH MEDICAL UNIVERSITY KARACHI |
| BID PRICE AND CURRENCY | |
| ITB 3 | Prices quoted by the Bidder shall be “Fixed” and in Pak Rupees . |
| Preparation and Submission of Bids | |
| ITB 4 | Qualification Criteria / Responsiveness Criteria: |
| | 1. The bidder must have done at least three (03) Contracts of relevant nature i.e CCTV / Networking Contract each worth amounting to Rupees 05 Million in PKR during last 3 years in government, semi-government / private sector /public sector (Subcontract shall not be accepted) (Attach copy of verifiable PO / Contract Agreement / Notification of Award with technical proposal for verification).Sub-contract or sub supplier contract will not be consider. |
| | 2. The Bidder should not have been barred by any of Provincial or Federal Govt. Depts., Agency, Organization or autonomous body or Private sector organization anywhere in Pakistan. (Submission of undertaking on Rs.100/- judicial stamp paper). |
| | 3. The bidder must have average annual turnover/sales exceeding amounting to Rupees 10 Million in PKR of last (03) three years. (Proof Must be Attached Audited Annual Reports/Bank Statements/tax returns of last 03- financial year with technical proposal). |
| | 4. Latest Income Tax Certificate (NTN), GST Registration Certificate & SRB Registered. the firm must be active tax payer. (Submitted three 03 years tax return) |
| | 5. Previous conduct and after-sale-support at JSMU will also be reviewed; those bidders whose past performance in terms of “after-sale-support” is not satisfactory will not be considered in bidding process or defective past supplies will not be considered |
| | 6. Bidder should propose all equipment strictly compliant with technical specification; no optional item will be accepted |
| | 7. All proposed items shall have min (01) year warranty (Warranty shall be started after delivery of item at JSMU) |
| | 8. Delivery of each item shall be made by the successful bidder to the concerned department of JSMU with complete installation & commissioning (as per directive of In charge) within quoted price. |
| | 9. The bidder must attached technical details of the proposed product with technical bid. |
| | 10. The firm must have minimum 03-year experience in the same field of IT contracts. |
| | 11. All items should be brand new and un-used and all proposed items must have manufacturer standard warranty |
| | 12. The JSMU reserves the right to reject any or all bids if any one of the above-mentioned Criteria is not fulfilled |
| | 13. Tender Document duly signed and stamped each page by the bidder must be attached with Technical Bid along with complete Company profile. |
| | 14. <i>Price offered for the individual / Partial Items in required shall not be accepted.</i> |
| | 15. <i>Bidders are advised to submit financial proposal on BOQ attached with bidding documents only</i> |
| 16. <i>Total Delivery & Completion time shall be 03-months effective from date of purchase order.</i> | |
| ITB 5 | Amount of bid security. 05% of Bid amount in shape of Pay order / Bank Guarantee and Bank draft. |
| ITB 6 | Bid validity period. The period of bid validity shall be 90 days after the deadline of submission of bids. |
| ITB 6.1 | Bid validity Clarification may be requested not later than 05 days before the submission date For Clarification of bid purposes only, the Purchaser’s address is: Attn: (Procurement Officer) Address: Procurement Department 6th Floor Dental OPD Building Jinnah Sindh Medical University Karachi, Rafiqi H.J. Shaheed Road, Karachi. |
| ITB 7 | Number of copies. Only on EPADs online submission. |
| ITB 8 | Amount of Performance Guarantee @ 05% of the Bidding amount shall be withheld till successful completion of defect liability period |
| ITB 8.1 | Stamp duty 0.35% or notify by the Govt of Sindh shall be paid by successful bidder as stamp duty |
| ITB 9 | Deadline for bid submission: As Per NIT |
| ITB 10 | Bid Evaluation: Most advantageous bid. |

SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

1. **Definitions (GCC Clause 1)**

GCC 1 (g)—The Procuring Agency is: Office of the P&D/Procurement Department Jinnah Sindh Medical University, Karachi.

2. **Performance Security (GCC Clause 4)**

GCC 4—The amount of performance security, as a percentage of the Contract Price, shall be: **05%**.

3. **Inspections and Tests (GCC Clause 5)**

Representative of Procuring Agency or his nominee shall inspect the procured good and ensure that it meets the tender specifications before its acceptance

4. **Delivery and Documents (GCC Clause 7)**

GCC 10—Supplier shall supply and install the good within **60 days** after issuance of PO and shall submit the following.

- (i) Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- (ii) Packing List identifying the contents of Supply;
- (iii) Delivery note.
- (iv) Warranty and guarantee certificate;

5. **Warranty (GCC Clause 12)**

The equipment shall bear Standard warranty of **12-Months** (with free replacement of defective accessories & its labor) from the date of installation / acceptance. Upon expiration of warranty, Purchaser at its option may enter into a Service Level Maintenance Agreement upon expiry of the warranty period in accordance with terms embodied in Appendix-A hereto

6. **Payment (GCC Clause 13)**

Hundred percent (100%) of the Contract Price shall be paid upon delivery, and satisfactory Installation, integration and testing of the products at the Project site (s), subject to the production of installation and Operational Acceptance certificates duly signed by authorized Representative/nominee of the SPPRA.

7. **Liquidated Damages (GCC Clause 18)**

If the Supplier fails to deliver the goods or perform the services within the time period(s) specified in the contract, the Purchaser shall, without prejudice to its other remedies under the contract deduct from the Contract Price, as liquidated damages, a sum equivalent to 0.07 percent of the Contract Price for each day of delay until actual delivery or performance, up to a maximum deduction of 10% of the Contract Price. Once the maximum is reached, the purchaser may consider termination of the contract.

8. **Resolution of Disputes (GCC Clause 21)**

In the case of a dispute between the Procuring agency and the Supplier, the dispute shall be referred to the dispute resolution mechanism as defined in rule 31, 32 and 34 of the SPPR 2010, Amended 2025.

9. **Applicable Law (GCC Clause 23)**

GCC 29.1 Contract shall be interpreted in accordance with the Sindh Public Procurement law of Sindh.

SCHEDULE OF REQUIREMENTS

| S/N | Description | DELIVERY TIME |
|------------|--|----------------------|
| 1 | CCTV & SURVEILLANCE WORK AT VARIOUS DEPARTMENT OF JINNAH SINDH MEDICAL UNIVERSITY | 03-months |

SAMPLE FORMS

Form-I

Letter of Acceptance

Date: _____

To:

Procurement Department,
Jinnah Sindh Medical University,
Karachi,

Dear Sir:

Having examined the bidding documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver the required item in conformity with the said bidding documents for the sum of *[total bid amount in words and figures]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we will obtain the guarantee of a bank in a sum equivalent to Five (05) percent of the Contract Price/Pay order for the due performance of the Contract, in the form prescribed by the Purchaser.

We agree to abide by this Bid for a period of 15 days from the date fixed for Bid opening under Clause 10 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this _____ day of _____ 2026.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

Technical Specifications

16-Port Gigabit PoE Switch Specification

Type:

Layer-2 Unmanaged Gigabit Ethernet PoE Switch from a reputable manufacturer.

Technical Specifications

Ports Configuration

- Minimum **16 × 10/100/1000 Mbps PoE Ethernet ports**
- Minimum **1 × 10/100/1000 Mbps RJ45 uplink port**
- Minimum **1 × Gigabit SFP fiber uplink**

port PoE Standards

- Must support **IEEE 802.3af and IEEE 802.3at PoE**

standards Design & Installation

- **Desktop or wall-mount installation** supported

Functional Requirements

- **Unmanaged plug-and-play operation** (no configuration required)
- **Automatic PoE power management** for connected devices

Compliance

- Must comply with **IEEE Ethernet and PoE standards**
- Product must be from a **well-known networking equipment manufacturer**

Warranty

- **1-year warranty**

8-Port Gigabit PoE Switch Specification

Type:

Layer-2 Unmanaged Gigabit Ethernet PoE Switch from a reputable manufacturer.

Technical Specifications

Ports Configuration

- Minimum **8 × 10/100/1000 Mbps PoE Ethernet ports**
- Minimum **1 × 10/100/1000 Mbps RJ45 uplink port**
- Minimum **1 × Gigabit SFP fiber uplink**

port PoE Standards

- Must support **IEEE 802.3af and IEEE 802.3at PoE**

standards Design & Installation

- **Desktop or wall-mount installation** supported

Functional Requirements

- **Unmanaged plug-and-play operation** (no configuration required)
- **Automatic PoE power management** for connected devices

Compliance

- Must comply with **IEEE Ethernet and PoE standards**
- Product must be from a **well-known networking equipment manufacturer**

Warranty

- **1-year warranty**

4 MP Network IP Camera –Specification

Type:

Fixed **4 MP Network Bullet IP Camera** from a reputable manufacturer.

Imaging

- **Minimum 4 Megapixel resolution (2560 × 1440)**
- **1/3" Progressive Scan CMOS image sensor** or better
- High quality image output with day/night capability

Lens

- Fixed focal lens options:
 - **2.8 mm lens** with approximately **95°–100° horizontal field of view**

Night Vision

- **Infrared (IR) or Hybrid illumination system** with minimum **30 meters night visibility range**
- Camera should support **automatic switching between IR and white light illumination** or equivalent technology for low-light environments

Video & Audio

- Video compression support: **H.265 / H.265+ / H.264 / H.264+ or equivalent**
- **Built-in microphone** for audio recording capability

Intelligent Functions

- **Motion detection with intelligent analysis**
- Capability for **human and vehicle classification** or equivalent smart detection features

Network & Connectivity

- Standard **Ethernet network interface (10/100 Mbps)**
- Compatible with standard **IP surveillance systems and NVRs**

Environmental Protection

- **IP67 weatherproof rating** or equivalent for outdoor installation
- Rugged housing suitable for indoor and outdoor use

Power Requirements

- **12 V DC power supply**
- **Power over Ethernet (PoE) support – IEEE 802.3af** or equivalent

Performance (DORI or Equivalent Standard)

Camera should support surveillance performance equivalent to:

- **Detection distance:** approx. **60–80 meters**
- **Observation distance:** approx. **25–30 meters**
- **Recognition distance:** approx. **12–15 meters**
- **Identification distance:** approx. **6–7 meters**

Compliance

- Must comply with **ONVIF standards** for interoperability
- Must support standard **TCP/IP network protocols**

Warranty

- **1 year manufacturer warranty**

Network PTZ Surveillance Camera with Panoramic View – Specification

Type:

Network PTZ Camera with integrated panoramic lens suitable for large-area surveillance, from a reputable manufacturer.

Imaging

- Dual-lens camera system including:
 - **Panoramic camera:** Minimum **6 Megapixel resolution** or higher
 - **PTZ camera:** Minimum **4 Megapixel resolution** or higher
- High-quality image sensor with **progressive scan CMOS technology**

Lens & Zoom (PTZ)

- Minimum **32x optical zoom**
- Minimum **16x digital zoom** or equivalent
- Motorized PTZ mechanism with smooth **pan, tilt, and zoom control**

Field of View

- Panoramic lens providing approximately **180° horizontal field of view** for wide-area monitoring

Night Vision

- **Infrared night vision** with minimum **200 meters IR illumination range** for PTZ channel
- **White light illumination** with minimum **30 meters range** for panoramic channel
- Automatic day/night switching capability

Video & Compression

- Support for **H.265 / H.265+ / H.264 / H.264+** or equivalent advanced compression standards
- Support for high-resolution real-time video streaming

Intelligent Video Analytics

Camera should support intelligent analytics such as:

- **Motion detection**
- **Human and vehicle classification**
- **Face capture or equivalent intelligent recognition features**

Alarm & Audio

- Built-in **active strobe light and audio alarm** or equivalent deterrence feature
- Support for **Audio Input/Output (I/O)**
- Support for **Alarm Input/Output (I/O)**

Network & Compatibility

- Standard **Ethernet network interface**
- Must support **ONVIF protocol** for interoperability with third-party NVRs and VMS systems

Environmental Protection

- Minimum **IP66 weatherproof rating** or better
- Suitable for **outdoor and harsh environments**

Power

- Support for **PoE (Power over Ethernet)** or equivalent
- Optional **DC power input**

Additional Features

- Support for **wide-area monitoring with automatic tracking or smart tracking features**
- Support for **full-color or enhanced low-light imaging technology** or equivalent

Warranty

- **1 year manufacturer warranty**

64-Channel Network Video Recorder (NVR) – Specification

Type:

Enterprise-grade **64-Channel Network Video Recorder (NVR)** for IP surveillance systems from a reputable manufacturer.

Video Input

- Minimum **64 IP camera channel support**
- Support for **IP cameras up to 32 Megapixel resolution** or higher

Network Throughput

- Minimum **400 Mbps incoming bandwidth**
- Minimum **400 Mbps outgoing bandwidth**

Decoding Capability

System should support high-resolution decoding equivalent to or better than:

- **2 channels at 32 MP**
- **4 channels at 12 MP**
- **16 channels at 4 MP at 30 fps**
or equivalent multi-channel decoding performance.

Storage

- Minimum **4 × SATA HDD interfaces**
- Support for **minimum 16 TB per HDD**
- Total storage capacity **64 TB or higher**

Video Output

- Minimum **2 HDMI outputs** supporting **4K or higher resolution** (one HDMI supporting up to **8K or equivalent**)
- Minimum **1 VGA output** for local display

Video Compression

- Support for **H.265 / H.265+ / H.264 / H.264+** or equivalent advanced compression technologies

Network Interfaces

- Minimum **2 × Gigabit Ethernet (10/100/1000 Mbps) RJ-45 network interfaces**

Intelligent Video Features

NVR should support intelligent video analytics including:

- **Motion detection**
- **Line crossing detection**
- **Intrusion detection**
- **Heat map analysis**
- **Automatic number plate recognition (ANPR) support**
- **Video Content Analytics (VCA) or equivalent features**

Recording Features

- **Dual-stream recording support**
- Support for **third-party IP cameras via ONVIF protocol**

Audio & Alarm Interface

- **Minimum 1 audio input and 1 audio output**
- **Minimum 16 alarm inputs**
- **Minimum 4 alarm outputs**

USB Interfaces

- **Minimum 2 × USB 2.0 ports (front)**
- **Minimum 1 × USB 3.0 port (rear)**

Management & Access

- Support for **Web-based management interface**
- Support for **Centralized Management Software (CMS)**
- Support for **remote monitoring via mobile application or equivalent platform**

Physical & Environmental

- **Rack-mountable chassis (approximately 1.5U or similar)**
- Suitable for **continuous 24/7 operation**

Compatibility

- Must support **ONVIF standard protocol** for interoperability with third-party IP cameras

Warranty

- **1 year manufacturer warranty**

2 MP Analog HD Bullet Camera –Specification

(Compatible with existing installed DVR Model # DH-XVR4232AN-I)

Type:

Fixed **2 Megapixel Analog HD Bullet Camera** compatible with standard HD analog surveillance systems.

Imaging

- Minimum **2 Megapixel resolution (1920 × 1080 Full HD)**
- **Progressive scan CMOS image sensor** (approximately **1/2.7" or better**)
- Support for **real-time video up to 25/30 fps at 1080p**

Lens

- Fixed focal lens **3.6 mm**

Night Vision

- **Infrared (IR) illumination** with minimum **20 meters night vision range**
- Support for **Smart IR or equivalent technology** to prevent overexposure in low light

Video Output & Compatibility

- Support for multiple HD analog formats such as:
 - **HDCVI / HDTVI / AHD / CVBS** or equivalent switchable video formats
- Compatible with standard **HD DVR systems**

Image Enhancement Features

Camera should support features such as:

- **Digital Wide Dynamic Range (DWDR)**
- **Backlight Compensation (BLC)**
- **Digital Noise Reduction (2D-DNR)**
or equivalent image enhancement technologies.

Environmental Protection

- Minimum **IP67 weatherproof rating** for outdoor installation
- Operating temperature approximately **-40°C to +60°C** or equivalent

Housing

- **Bullet-type camera housing**
- Durable **metal or high-quality plastic enclosure**

Power

- **12 V DC power supply** (\pm tolerance)
- Low power consumption suitable for continuous operation

Additional Requirements

- Support for **long-distance video transmission over coaxial cable**
- Easy installation with **wall or ceiling mounting**

Warranty

- **1 year manufacturer warranty**

BILL OF QUANTITIES

CAMPUS 1 & 2

| S# | Description | Unit | Qty. | Unit Rate | Total Amount |
|--|--|-------------|-------------|------------------|---------------------|
| 1 | 64 Channel NVR with AI Features Hikvision, Dahua or Equivalent | Nos | 2 | | |
| 2 | 4MP 36X IP PTZ Camera Hikvision, Dahua or Equivalent | No | 1 | | |
| 3 | 4MP IP Bullet Camera Hikvision, Dahua or Equivalent | Nos | 57 | | |
| 4 | 8 Port Gigabit PoE Switch with RJ45 & SFP Uplink Hikvision, Dahua or Equivalent | Nos | 21 | | |
| 5 | 10TB Surveillance Hard Disk Seagate, Western Digital or Equivalent | Nos | 4 | | |
| 6 | Back Box PVC | Nos | 50 | | |
| 7 | Network Rack 9U-DOUB-SECTION | No | 1 | | |
| 8 | Cat6 Gigabit 4Pair UTP 23 AWG Cable Hikvision, Dahua or Equivalent | Rolls | 10 | | |
| 9 | Power Cable 23/76 90mtr coil Pakistan Cable or Equivalent | Coils | 23 | | |
| 10 | 6 Core Fiber Cable Steel wired Shielded | Meters | 2000 | | |
| 11 | MS-PVC-BOX-S/S-(IOX12) | Nos | 20 | | |
| 12 | 55" 4k LED 4K Google TV TCL, Haire or Equivalent | Nos | 7 | | |
| 13 | HDMI Cable 10 Mtr. 4K | Nos | 6 | | |
| 14 | RJ 45 Connector Box | Nos | 4 | | |
| 15 | Power Distribution Unit | No | 1 | | |
| 16 | UPS 6 KVA (Standard time) Online with Dry Batteries Vertiv+ 2x | No | 1 | | |
| 17 | Pole and Plates for other Cameras - 5feet | Nos | 9 | | |
| CAMPUS 1 & 2 (INCLUDING ALL TAXES) (Rs) | | | | | |

JSMU Diagnostic Lab

| S# | Description | Unit | Qty. | Unit Rate | Total Amount |
|---|---|-------------|-------------|------------------|---------------------|
| 1 | 64 Channel NVR with AI Features Hikvision, Dahua or Equivalent | No | 1 | | |
| 2 | 4MP Dome IP Camera with Built-in Mic Full-Color Night Vision Hikvision, Dahua or Equivalent | Nos | 47 | | |
| 3 | 8 Port Gigabit PoE Switch with RJ45 & SFP Uplink Hikvision, Dahua or Equivalent | Nos | 4 | | |
| 4 | 4TB Surveillance Hard Disk Seagate, Westren Digital or Equivalent | No | 1 | | |
| 5 | Back Box PVC | Nos | 47 | | |
| 6 | 6U Rack Double Section with Cooling Fan | No | 1 | | |
| 7 | 4U Rack Double Section with Cooling Fan | No | 1 | | |
| 8 | Cat6 Gigabit 4Pair UTP 23 AWG Cable Hikvision, Dahua or Equivalent | Roll | 4 | | |
| 9 | Power Cable 23/76 pakistan cable - 90mtr coil | Roll | 4 | | |
| 10 | MS-PVC-BOX-S/S-(IOX12) | Nos | 2 | | |
| 11 | RJ 45 Connector Box | Nos | 2 | | |
| 12 | Power Distribution Unit BLACK COPPER | No | 1 | | |
| 13 | UPS 3 KVA (Standard time) Online with Dry Batteries Vertiv + 100Amp | No | 1 | | |
| 14 | INSTALLATION TESTING & COMMISSIONING CHARGES | No | 1 | | |
| JSMU Diagnostic Lab (INCLUDING ALL TAXES) (Rs) | | | | | |

Examination Department

| S# | Description | Unit | Qty. | Unit Rate | Total Amount |
|--|---|-------------|-------------|------------------|---------------------|
| 1 | 64 Channel NVR with AI Features Hikvision, Dahua or Equivalent | No | 1 | | |
| 2 | 4MP Dome IP Camera with Built-in Mic Full-Color Night Vision Hikvision, Dahua or Equivalent | Nos | 47 | | |
| 3 | 8 Port Gigabit PoE Switch with RJ45 & SFP Uplink Hikvision, Dahua or Equivalent | Nos | 8 | | |
| 4 | 10TB Surveillance Hard Disk Seagate, Westren Digital or Equivalent | Nos | 4 | | |
| 5 | Back Box PVC | Nos | 47 | | |
| 6 | 6U Rack Double Section with Cooling Fan | No | 1 | | |
| 7 | Cat6 Gigabit 4Pair UTP 23 AWG Cable Hikvision, Dahua or Equivalent | Nos | 8 | | |
| 8 | MS-PVC-BOX-S/S-(IOX12) | Nos | 8 | | |
| 9 | 65" 4k LED 4K Google TV TCL, Haerir or Equivalent | No | 1 | | |
| 10 | HDMI Cable 10 Mtr. 4K | No | 1 | | |
| 11 | Power Distribution Unit BLACK COPPER or Equivalent | No | 1 | | |
| 12 | UPS 2 KVA (Standard time) Online with Dry | No | 1 | | |
| 13 | Wireless Mouse A4 TECH or Equivalent | No | 1 | | |
| 14 | INSTALLATION & COMMISSIONING | No | 1 | | |
| Examination Department (INCLUDING ALL TAXES) (Rs) | | | | | |

Valika Campus

| S# | Description | Unit | Qty. | Unit Rate | Total Amount |
|--|---|-------------|-------------|------------------|---------------------|
| 1 | 4MP IP Bullet Camera Hikvision, Dahua or Equivalent | Nos | 8 | | |
| 2 | 8 Port Gigabit PoE Switch with RJ45 & SFP Uplink Hikvision, Dahua or Equivalent | Nos | 3 | | |
| 3 | Back Box PVC | Nos | 8 | | |
| 4 | MS-PVC-BOX-S/S-(IOX12) | Nos | 3 | | |
| 5 | RJ 45 Connector Box Cat6 | No | 1 | | |
| 6 | Pole and Plates for other Cameras - 5 feet | Nos | 2 | | |
| 7 | Cat6 Gigabit 4Pair UTP 23 AWG Cable Hikvision, Dahua or Equivalent | Nos | 3 | | |
| 8 | INSTALLATION AND COMMISSIONING | No | 1 | | |
| <u>Valika Campus (INCLUDING ALL TAXES) (Rs)</u> | | | | | |

Landhi Campus

| S# | Description | Unit | Qty. | Unit Rate | Total Amount |
|--|---|-------------|-------------|------------------|---------------------|
| 1 | 2MP AHD Analog Bullet Camera Hikvision, Dahua or Equivalent | Nos | 12 | | |
| 2 | Back Box PVC | Nos | 12 | | |
| 3 | 12 v Power Supply | Nos | 12 | | |
| 4 | RJ 59 Coaxial Cable + Power Cable Per 90 Mtr Coil | Nos | 10 | | |
| 5 | BNC Connectors | Nos | 14 | | |
| 6 | INSTALLATION & COMMISSIONING | No | 1 | | |
| <u>Landhi Campus (INCLUDING ALL TAXES) (Rs)</u> | | | | | |

Dental New Building

| S# | Description | Unit | Qty. | Unit Rate | Total Amount |
|--|---|-------------|-------------|------------------|---------------------|
| 1 | 32 Channel NVR with AI Features Hikvision, Dahua or Equivalent | No | 1 | | |
| 2 | 4MP Dome IP Camera with Built-in Mic Full-Color Night Vision Hikvision, Dahua or Equivalent | Nos | 16 | | |
| 3 | 4 Port Gigabit PoE Switch with RJ45 & SFP Uplink Hikvision, Dahua or Equivalent | Nos | 4 | | |
| 4 | 4TB Surveillance Hard Disk (surveillance) Seagate, Westren Digital or Equivalent | No | 1 | | |
| 5 | Back Box PVC Plate | Nos | 4 | | |
| 6 | Cat6 Gigabit 4Pair UTP 23 AWG Cable Hikvision, Dahua or Equivalent | Feets | 150 | | |
| 7 | RJ45 Patch Cords 3M | Nos | 16 | | |
| 8 | RJ45 Patch Cords 1M | Nos | 16 | | |
| 9 | RJ 45 Connector Cat6 | Nos | 20 | | |
| 10 | HDMI Cable 10 Mtr. 4K | No | 1 | | |
| 11 | INSTALLATION & COMMISSIONING | No | 1 | | |
| <u>Dental New Building (INCLUDING ALL TAXES) (Rs)</u> | | | | | |

TECHNICAL PROPOSAL EVALUATION CRITERIA

| <u>Evaluation Parameters/Sub-parameters</u> | <u>Maximum Points</u> |
|--|-----------------------|
| Over all CCTV Supply and Installation Experience & Company Profile (Attach Document) | Max 10 |
| 10 years or above | 10 |
| 5 years to 9 Years | 6 |
| Less than 5 years | 3 |
| Bidders shall provide such evidence Work orders/projects of successful deployments of similar project, (Please attach Purchase Orders as evidence and also mention the contact person name, email address and phone number for direct feedback purposes about after sale services) | Max. 15 |
| 5 Projects or more | 15 |
| 2-4 Project | 10 |
| Less than 2 projects | 5 |
| Bidders shall provide evidence of successful CCTV projects with a value of PKR 10 million or more. Supporting documents must include relevant Work Orders and/or Purchase Orders as evidence. Additionally, please provide the contact person's name, email address, and phone number for direct feedback regarding after-sales services. | Max.10 |
| 2 or more Projects | 10 |
| 1 Project | 5 |
| The bidder must have relevant experience with same OEM equipment and provide supporting documents such as (sales services agreements, or certificates.) | Max. 10 |
| 5 years or above | 10 |
| 2- 4 years | 7 |
| Less than 2 years | 5 |
| Bidder Relationship with OEM: The bidder must provide relevant documents or certificates as evidence of their relationship with the OEM (For Cameras & NVR) | Max.10 |
| Platinum / Tier-1 | 10 |
| Gold / Tier-2 | 7 |

| | |
|--|----------------|
| HETEROGENEOUS ENVIRONMENT OF DIFFERENT CCTV BRANDS / MODELS | |
| The bidder must have successfully INTEGRATE DIFFERENT MODEL OF CAMERAS WITH DIFFERENT NVR, supporting documents (Please attach Purchase Orders as evidence and also mention the contact person name, email address and phone number for direct feedback purposes about after sale services) | Max. 10 |
| 2 or more Projects | 10 |
| 1 Project | 5 |
| ELIGIBILITY OF TECHNICAL SPECIFICATION (YES / NO) | MAX 35 |
| YES | 35 |
| NO | 0 |
| Total Points | 100 |
| ***MUST attach documentary evidence in support of your claims against technical evaluation criteria in the technical proposal. To technically qualify, the bidder must score at least 70 marks out of 100 marks. | |

Contract Form

THIS AGREEMENT made the _____ day of _____ 2026 between *Jinnah Sindh Medical University, Karachi*. (hereinafter called “the Procuring agency”) of the one part and [*name of Supplier*] of [*city and country of Supplier*] (hereinafter called “the Supplier”) of the other part:

WHEREAS the Procuring agency invited bids for certain goods and ancillary services, viz., _____ and has accepted a bid by the Supplier for the supply of those goods and services in the sum of [*contract price in words and figures*] (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:

- (a) The Bid Form and the Price Schedule submitted by the Bidder;
- (b) The Schedule of Requirements;
- (c) The Technical Specifications.
- (d) The General Conditions of Contract;
- (e) The Special Conditions of Contract; and
- (f) The Procuring agency’s Notification of Award.

3. In consideration of the payments to be made by the Procuring agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring agency to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract

4. The Procuring agency hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, sealed, delivered by _____ the _____ (for the Procuring agency)

Signed, sealed, delivered by _____ the _____ (for the Supplier)

Performance Security Form

To:

**Procurement Department
Jinnah Sindh Medical University,
Karachi.**

WHEREAS *[name of Supplier]* (hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No. *[reference number of the contract]* dated _____ to supply *[description of goods and services]* (hereinafter called “the Contract”).

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a bank guarantee by a reputable bank for the sum specified therein as security for compliance with the Supplier’s performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of *[amount of the guarantee in words and figures]*, and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of *[amount of guarantee]* as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the _____ day of _____ 20_____.

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]

Manufacturer's Authorization Form

To:

Procurement Department

Jinnah Sindh Medical University, Karachi. WHEREAS *[name of the Manufacturer]* who are established and reputable manufacturers of *[name and/or description of the goods]* having factories at *[address of factory]*

do hereby authorize *[name and address of Agent]* to submit a bid, and subsequently sign the Contract with you against NIT No. *[reference of the Invitation to Bid]* for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 12 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

[signature for and on behalf of Manufacturer]

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.

