

**STANDARD BIDDING DOCUMENT**  
**REQUEST FOR PROPOSAL (RFP)**

RFP No. SCM/DZU-01/2021

**Procurement of Goods**

**For**

**Establishment of NCBC - ZU**

**Ziauddin University Faculty of Engineering Science &  
Technology (ZUFEST)**

**April 2021**



## Invitation for Bids

Dated: 23<sup>rd</sup> April 2021

1. The [ZIAUDDIN UNIVERSITY] has received budget from Federal Government towards the cost of [Establishment of NCBC] in Sindh. It is intended that part of the proceeds of this budget will be applied to eligible payments under the contract for supply of following items:

S.No	Components	Bid Security	QTY
1	Server 2-socket platform optimized for VDI. (Better Will be preferable with standard company warranty)	5%	4
2	Chassis with Up to 8*3.5" Hard Drives for 2CPU Configuration	5%	4
3	2.4GHz Twelve Core Processor, 12C/24T, 9.6GT/s, 16.5M Cache, Turbo, HT (100W) DDR4-2400 (Better Will be preferable)	5%	4
4	32GB RDIMM, 3200MT/s, Dual Rank	5%	24
5	10TB 10K RPM SAS 12Gbps 512e 3.5in Hot-plug Hard Drive	5%	16
6	SSD 1.92TB, 2.5in SATA 6Gb/s, 3D2, Vibration – Operating 2.17 GRMS, Sequential Bandwidth - 100% Read (up to) 560 MB/s, Sequential Bandwidth - 100% Write (up to) 510 MB/s	5%	4
7	Eight-port 12Gb/s PCI Express RAID controller 72-bit DDR4-2133 DRAM interface with 8GB non-volatile cache memory supports 6Gb/s and 12Gb/s SAS or SATA hard-disk drives and solid-state drives or equivalent	5%	4
8	Integrated Remote Access Controller With Lifecycle Controller with Web-based GUI	5%	4
9	High Performance Quad Port 1Gbe BASE-T.Rndc or Equivalent	5%	4
10	High-Performance, Feature-Rich Dual-Port 10G PCIe Ethernet NIC or Equivalent	5%	4
11	Dual, Hot-Plug, Redundant Power Supply (1+1), 800W, Titanium, 200-240VAC	5%	4
12	Power Cord 250V, 10A	5%	8
13	ProSupport and Next Business Day Onsite Service-Emerging DBS, 36 Month(s)	5%	1
14	Ready Rails Slider Rails with cable Management Arm	5%	4
15	Keyboard & Mouse Combo	5%	4
16	48 Gigabytes (GB) of GPU, CUDA cores above 10,000.	5%	4

17	Server Rack Enclosure includes: Baying hardware, Key(s), Keyed-alike doors and side panels, Leveling feet, Mounting hardware, Pre-installed casters, Side panels (Sizing should be according to hardware)	5%	1
18	Vertical Rack mount PDU	5%	2
19	Cabling and accessories	5%	1
20	Firewall IPS Throughput 1Gbps, NGFW Throughput 800Mbps, Threat Protection Throughput 600 Mbps, Firewall Throughput (1518 / 512 / 64 byte UDP packets) 5/5/5 Gbps, Firewall 4 $\mu$ s, Firewall Throughput 7.5 Mpps, New Sessions/Second (TCP) 35,000, Firewall Policies 5000, IPsec VPN Throughput (512 byte) 4.4 Gbps, Gateway-to-Gateway IPsec VPN Tunnels 200 or Equivalent.	5%	1
21	International Training	5%	2
22	Local Training	5%	2
23	UPS for the Servers and Supported Devices: Quoted UPS should provide <ul style="list-style-type: none"> <li>1 hour of battery Backup.</li> <li>UPS and System Power Specification Sheet should attached for Technical Evaluation.</li> </ul>	5%	1
24	AC Inverter (2 Ton, Single Phase), more warranty will be preferable.	5%	2
25	Timer system for AC switching, with Display of each AC running time and Amps rating.	5%	1
26	24 Port 10 Giga Switch, Rackmount	5%	2
27	24" Inch LED (UHD)	5%	4
28	VMWare License (More License Period will be preferable)	5%	5
29	V-Center License (More License Period will be preferable)	5%	1
30	AI Board (512-core Volta GPU) with outdoor casing with standard company warranty.	5%	15
31	Power Supply recommended for AI board.	5%	15
32	External Drive 1 TB (Outdoor)	5%	17
33	SD Card(512 GB) Class A1	5%	20
34	Outdoor system Enclosure Installation	5%	1
35	Outdoor System Enclosure: <ul style="list-style-type: none"> <li>Compact Size IP66 Enclosure with thermal Safety and Key Lock.</li> <li>Components Includes: AI Board, Sensor Module (100*100*70 mm), Backup Power System, Cooling System and Thermal Safety System (35 Degree C Required Internal Temperature).</li> </ul>	5%	20

	<ul style="list-style-type: none"> <li>Complete Specification Sheet and Sizing required with thermal analysis report for Technical Evaluation.</li> </ul>		
36	Power Backup for Outdoor Enclosure: <ul style="list-style-type: none"> <li>2 hours Back Power system for outdoor module</li> <li>Sensor Module rating 5 Volt, 3.5 Amps</li> <li>Other Integrated modules power calculation as per quoted items.</li> <li>Complete specification required for Technical Evaluation.</li> </ul>	5%	20
37	Camera (Outdoor, 4/8 MP, 30/40x Optical Zoom, Voice Sensor, wiper, PoE, WIFI/Wired)	5%	10
38	LED Street Light (140-200 Watt, 20 to 25 lumen per watt)	5%	20
39	Poles for Camera and street light (Standard Size)	5%	20
40	Installation For Poles & Cameras	5%	1
41	IPC DP6	5%	50
42	Cameras and sensor nodes integration with Datacenter (Radius 100 KM)	5%	20
43	Switch POE/POE+ (As per quoted cameras)	5%	20
44	Video wall (50-60 inch)	5%	5

2. The [ZIAUDDIN UNIVERSITY] now invites sealed bids from eligible bidders, Manufacturers, authorized Sales & Service Dealers for the supply of above-mentioned items.

3. Bidding shall be conducted through Open Competitive Bidding (Single Stage-Double Envelope) procedures specified in the Public Procurement Rules, and is open to all eligible bidders as defined in the bidding document

4. Interested eligible bidders may obtain bidding documents and further information from the [ZIAUDDIN UNIVERSITY].

5. The provisions in the Instructions to Bidders and in the General Conditions of Contract are the provisions of the Bidding Documents.

6. Sealed Bids must be delivered to the above office on or before **12:00A.M. On 10<sup>th</sup> May 2021** and must be accompanied by a **Bid Security as mentioned above** in the form of CDR, Pay Order, Demand Draft, or Banker's Cheque from a Scheduled Bank of Pakistan.

7. **Bids will be opened in the presence of bidders' representatives who choose to attend at 02:00 p.m. in the ZIAUDDIN UNIVERSITY, on the same date.**

8. The bidders are requested to give their best and final prices as no negotiations are expected.

9. Taxes will be deducted as per applicable government rules. NTN and Sales Tax registration certificate must be provided.

10. For obtaining any further information or clarifications, please contact the person named below:

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# **Part-I**

## **Section I. Instructions to Bidders**

### **A. Introduction**

- |                                       |  |
|---------------------------------------|--|
| <b>1. Source of Funds</b>             | 1.1 The ZIAUDDIN UNIVERSITY named in the Bid Data Sheet has received budget from the Federal Government. The ZIAUDDIN UNIVERSITY intends to apply a portion of the proceeds of this budget to eligible payments under the contract for which this Invitation for Bids is issued.   |
| <b>2. Eligible Bidders</b>            | <p>2.1 This Invitation for Bids is open to all suppliers, except as provided hereinafter.</p> <p>2.2 Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the ZIAUDDIN UNIVERSITY to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation for Bids.</p> <p>2.3 Government-owned enterprises may participate only if they are legally and financially autonomous, if they operate under commercial law, and if they are not a dependent agency of the Government.</p> <p>2.4 Bidders shall not be under a declaration of blacklisting by any Government department or Public Procurement Regulatory Authority (Pakistan).</p> |
| <b>3. Eligible Goods and Services</b> | <p>3.1 All goods and related services to be supplied under the contract shall have their origin in eligible source countries, defined in the <i>Bid Data Sheet (BDS)</i>, and all expenditures made under the contract will be limited to such goods and services.</p> <p>3.2 For purposes of this clause, “origin” means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.</p> <p>3.3 The origin of goods and services is distinct from the nationality of the Bidder.</p>  |
| <b>4. Cost of</b>                     | 4.1 The Bidder shall bear all costs associated with the preparation  |



## **Bidding**

and submission of its bid, and the ZIAUDDIN UNIVERSITY named in the Bid Data Sheet, hereinafter referred to as “the Purchaser,” will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

### **B. The Bidding Documents**

#### **5. Content of Bidding Documents**

5.1 The goods required, bidding procedures, and contract terms are prescribed in the bidding documents. In addition to the Invitation for Bids, the bidding documents include:

- (a) Instructions to Bidders (ITB)
- (b) Bid Data Sheet
- (c) Schedule of Requirements
- (d) Technical Specifications
- (e) Bid Submission Form
- (f) Manufacturer’s Authorization Form
- (g) Price Schedules
- (h) Contract Form
- (i) Performance Security Form
- (j) General Conditions of Contract (GCC)
- (k) Special Conditions of Contract (SCC)

5.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect will be at the Bidder’s risk and may result in the rejection of its bid.

#### **6. Clarification of Bidding Documents**

6.1 A prospective Bidder requiring any clarification of the bidding documents may notify the Purchaser in writing or by email at the Purchaser’s address indicated in ITB Clause 19.1. The Purchaser will respond in writing to any request for clarification of the bidding documents which it receives no later than three (3) days prior to the deadline for the submission of bids prescribed in the Bid Data Sheet. Written copies of the Purchaser’s response (including an explanation of the query but without identifying the source of inquiry) will be sent to all prospective bidders that have received the bidding documents.

#### **7. Amendment of Bidding Documents**

7.1 At any time prior to the deadline for submission of bids, the Purchaser, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, may modify the bidding documents by amendment.

7.2 All prospective bidders that have received the bidding documents

will be notified of the amendment in writing or by email, and will be bidding on them.

- 7.3 In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Purchaser, at its discretion, may extend the deadline for the submission of bids.

### **C. Preparation of Bids**

- |  |   |
|--|---|
| <b>8. Language of Bid</b>              | 8.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser shall be written in the language specified in the Bid Data Sheet. Supporting documents and printed literature furnished by the Bidder may be in same language.  |
| <b>9. Documents Comprising the Bid</b> | <p>9.1 The bid prepared by the Bidder shall comprise the following components:</p> <ul style="list-style-type: none"><li>(a) a Bid Form and a Price Schedule completed in accordance with ITB Clauses 10, 11, and 12;</li><li>(b) documentary evidence established in accordance with ITB Clause 13 that the Bidder is eligible to bid and is qualified to perform the contract if its bid is accepted;</li><li>(c) documentary evidence established in accordance with ITB Clause 14 that the goods and ancillary services to be supplied by the Bidder are eligible goods and services and conform to the bidding documents; and</li><li>(d) bid security furnished in accordance with ITB Clause 15.</li></ul> |
| <b>10. Bid Form</b>                    | 10.1 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, their country of origin, quantity, and prices.  |
| <b>11. Bid Prices</b>                  | <p>11.1 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.</p> <p>11.2 Prices indicated on the Price Schedule shall be <b>(C&amp;F &amp; DDP) prices.</b></p> <p>11.4 The Bidder's separation of price components in accordance with ITB Clause 11.2 above will be solely for the purpose of facilitating the comparison of bids by the Purchaser and will not in any way limit the Purchaser's right to contract on any of the</p>  |

terms offered.

- 11.5 Prices quoted 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. A bid submitted with an **adjustable price quotation** will be treated as nonresponsive and will be rejected, pursuant to ITB Clause 24.

**12. Bid Currencies**

- 12.1 Prices shall be quoted in **C&F and FOR** unless otherwise specified in the Bid Data Sheet.

**13. Documents  
Establishing  
Bidder's  
Eligibility and  
Qualification**

- 13.1 Pursuant to ITB Clause 9, 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.

- 13.2 The documentary evidence of the Bidder's eligibility to bid shall establish to the Purchaser's satisfaction that the Bidder, at the time of submission of its bid, is eligible as defined under ITB Clause 2.

- 13.3 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:

- (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 goods' Manufacturer or producer to supply the in Pakistan;
- (b) that the Bidder has the financial, technical, and production capability necessary to perform the contract;
- (c) that, in the case of a Bidder not doing business within Pakistan, the Bidder is or will be (if awarded the contract) represented by an Agent in that country equipped, and able to carry out the Supplier's maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
- (d) that the Bidder meets the qualification criteria listed in the Bid Data Sheet.

**14. Documents Establishing Goods' Eligibility and Conformity to Bidding Documents**

- 14.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services which the Bidder proposes to supply under the contract.
- 14.2 The documentary evidence of the eligibility of the goods and services shall consist of a statement in the Price Schedule of the country of origin of the goods and services offered which shall be confirmed by a **certificate of origin** issued at the time of shipment.
- 14.3 The documentary 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) a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period to be specified in the Bid Data Sheet, following commencement of the use of the goods by the Purchaser; and
  - (c) an item-by-item commentary on the Purchaser's Technical Specifications demonstrating **substantial responsiveness** of the goods and services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.
- 14.4 For purposes of the commentary to be furnished pursuant to ITB Clause 14.3(c) above, the Bidder shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Purchaser in its Technical Specifications, are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names, and/or catalogue numbers in its bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

**15. Bid Security**

- 15.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, a bid security in the amount specified in the Bid Data Sheet.
- 15.2 The bid security is required to protect the Purchaser against the risk of Bidder's conduct which would warrant the security's forfeiture, pursuant to ITB Clause 15.7.

15.3 The bid security shall be in Pak. Rupees and shall be in one of the following forms:

- (b) Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) or Banker's cheque valid for thirty (30) days beyond the validity of bid.

15.4 Any bid not secured in accordance with ITB Clauses 15.1 and 15.3 will be rejected by the Purchaser as nonresponsive, pursuant to ITB Clause 24.

15.5 Unsuccessful bidders' bid security will be discharged or returned as promptly as possible but not later than thirty (30) days after the expiration of the period of bid validity prescribed by the Purchaser pursuant to ITB Clause 16.

15.6 The successful Bidder's bid security will be discharged upon the Bidder signing the contract, pursuant to ITB Clause 32, and furnishing the performance security, pursuant to ITB Clause 33.

15.7 The bid security may be forfeited:

- (a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form; or
- (b) in the case of a successful Bidder, if the Bidder fails:
  - (i) to sign the contract in accordance with ITB Clause 32;
  - or**
  - (ii) to furnish performance security in accordance with ITB Clause 33.

## **16. Period of Validity of Bids**

16.1 Bids shall remain valid for the period specified in the Bid Data Sheet after the date of bid opening prescribed by the Purchaser, pursuant to ITB Clause 19. A bid valid for a shorter period shall be rejected by the Purchaser as nonresponsive.

16.2 In exceptional circumstances, the Purchaser 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 (or by email). The bid security provided under ITB Clause 15 shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid, except as provided in ITB Clause 16.3.

16.3 In the case of fixed price contracts, if the award is delayed by a period exceeding sixty (60) days beyond the expiry of the initial

bid validity, the contract price will be adjusted by a factor specified in the request for extension.

**17. Format and  
Signing of Bid**

- 17.1 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” and “COPY OF BID,” as appropriate. In the event of any discrepancy between them, the original shall govern.
- 17.2 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 unamended printed literature, shall be initialed by the person or persons signing the bid.
- 17.3 Any interlineation, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.
- 17.4 The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid, and to contract execution if the Bidder is awarded the contract.

**D. Submission of Bids**

**18. Sealing and  
Marking of  
Bids**

- 18.1 The Bidder shall seal the original and each copy of the bid in separate envelopes, duly marking the envelopes as “ORIGINAL” and “COPY.” The envelopes shall then be sealed in an outer envelope.
- 18.2 The inner and outer envelopes shall:
  - (a) be addressed to the Purchaser at the address given in the Bid Data Sheet; and
  - (b) bear the title of procurement Activity indicated in the Bid Data Sheet, the Invitation for Bids (IFB) title and number indicated in the Bid Data Sheet, and a statement: “DO NOT OPEN BEFORE,” to be completed with the time and the date specified in the Bid Data Sheet, pursuant to ITB Clause 2.2.
- 18.3 The inner envelopes shall also indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared “late”.
- 18.4 If the outer envelope is not sealed and marked as required by ITB Clause 18.2, the Purchaser will assume no responsibility for the bid’s misplacement or premature opening.

- 19. Deadline for Submission of Bids**
- 19.1 Bids must be received by the Purchaser at the address specified under ITB Clause 18.2 no later than the time and date specified in the Bid Data Sheet.
- 19.2 The Purchaser may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with ITB Clause 7, in which case all rights and obligations of the Purchaser and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.
- 20. Late Bids**
- 20.1 Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser pursuant to ITB Clause 19 will be rejected and returned unopened to the Bidder.
- 21. Modification and Withdrawal of Bids**
- 21.1 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 Purchaser prior to the deadline prescribed for submission of bids.
- 21.2 The Bidder's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of ITB Clause 18. A withdrawal notice may also be sent by email, but followed by a signed confirmation copy, postmarked not later than the deadline for submission of bids.
- 21.3 No bid may be modified after the deadline for submission of bids.
- 21.4 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Form. Withdrawal of a bid during this interval may result in the Bidder's forfeiture of its bid security, pursuant to the ITB Clause 15.7.

## **E. Opening and Evaluation of Bids**

- 22. Opening of Bids by the Purchaser**
- 22.1 The Purchaser will open all bids in the presence of bidders' 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 an attendance sheet evidencing their presence.
- 22.2 The bidders' names, bid modifications or withdrawals, bid prices, discounts, and the presence or absence of requisite bid security and such other details as the Purchaser, at its discretion, may consider appropriate, will be announced at the opening. No bid shall be rejected at bid opening, except for late bids, which shall be returned unopened to the Bidder pursuant to ITB Clause

20.

22.3 Bids (and modifications sent pursuant to ITB Clause 21.2) that are not opened and read out at bid opening shall not be considered further for evaluation, irrespective of the circumstances. Withdrawn bids will be returned unopened to the bidders.

22.4 The Purchaser will prepare minutes of the bid opening.

**23. Clarification of Bids**

23.1 During evaluation of the bids, the Purchaser 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.

**24. Preliminary Examination**

24.1 The Purchaser will 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.

24.2 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 total price shall be corrected. If the Supplier does not accept 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.

24.3 The Purchaser may waive any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

24.4 Prior to the detailed evaluation, pursuant to ITB Clause 25 the Purchaser will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, **such as** those concerning **Bid Security** (ITB Clause 15), **Applicable Law** (GCC Clause 30), and **Taxes and Duties** (GCC Clause 32), will be deemed to be a material deviation. The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.



24.5 If a bid is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the nonconformity.

## **25. Qualification & Evaluation of Bids**

25.1 The procuring agency reserves the right to evaluate and compare the bids on itemized basis OR on the Group basis OR on the basis of a group of similar nature goods OR goods compatible with each other.

25.2 Merit Point System: The following merit point system for weighing evaluation factors/criteria will be applied for technical proposals.

25.3 If a bidder fails to obtain “minimum 20 marks” against the criteria “Conformity to the Purchaser's Specifications” and unable to provide valid manufacturer Authorization, its offer will not be considered for further evaluation and rejected.

25.4 Bidders achieving minimum **70 marks** will be considered only for further process. Documentary evidence must be attached in support of each parameter and **each page should be signed, stamped and numbered and respective page number should be mentioned against each document in mentioned below table.**

25.5 Only those item's Financial offer will be announced / considered which were technically qualify by the Committee. Bidders are advised to give separate sealed envelope (s) of every quoted item and should mention the name of the item and tender serial number on the face of the sealed envelope in BOLD and legible letters to avoid confusion, otherwise, the Financial Proposal Envelope will be opened on qualified item basis and it will not be challenged by the bidder that procuring agency has opened the Financial Proposal of the disqualified items besides qualified items.

25.6 Litigation History The Bidder should not be involved in any litigation with the Procuring Agency / Government Department (Provincial/Federal), else their bid will be rejected.

Technical Evaluation (TE) Minimum Passing Score		
1	Technical Specifications (As per species in Tender Documents)	30
	100%	
	50% > 100%	
2	Delivery (as per Schedule of Requirement in Tender Document )	20
	32 Days 4 Week	
	More than 6 Weeks	
3	Warranty Provided (as per tender document & as per ITB clause 18.1 & 15.2 i.e 12 Months minimum)	10
	Provided by bidder	
	Not Provided by bidder	
4	Make/Manufacturer	10
	U.S.A/Europe	
	Japan / Korea / Taiwan	
	China & local	
5	Manufacture Authorization Certificate Mentioned in Tender Document s & in the Bid Date Sheet	5
	Provided	
	Not Provided	
6	Training of Procuring Agency Personal on Equipment as per ITB Clause 13.1	10
	International Training	
	Local Training	
7	Relevant Experience in Academia	5
	10 or More Years	
	Less than 10 Years	
8	Fulfillment of requirements	10
	Total Mark for	100
	Remarks	

## 26. Contacting the Purchaser

26.1 Subject to ITB Clause 23, no Bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time evaluation report is made public i.e. 10 days before the contract is awarded. If the Bidder wishes to bring additional information or has grievance to the notice of the Purchaser, it should do so in writing.

26.2 Any effort by a Bidder to influence the Purchaser during bid

evaluation, or bid comparison may result in the rejection of the Bidder's bid.

## **F. Award of Contract**

- |  |  |
|--|--|
| <b>28. Award Criteria</b>  | 28.1 Subject to ITB Clause 30, the Purchaser 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.  |
| <b>29. Purchaser's Right to Vary Quantities at Time of Award</b> | 29.1 The Purchaser reserves the right at the time of contract award to increase or decrease, by the percentage indicated in the Bid Data Sheet, the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.  |
| <b>30. Purchaser's Right to Accept or Reject All Bids</b>        | 30.1 The Purchaser reserves the right to accept or reject all bids, and to annul the bidding process at any time prior to contract award, without thereby incurring any liability to the Bidder or bidders or any obligation to inform the Bidder or bidders of the grounds for the Purchaser's action.  |
| <b>31. Notification of Award</b>                                 | <p>31.1 Prior to the expiration of the period of bid validity, the Purchaser will notify the successful Bidder in writing by registered letter or by email, to be confirmed in writing by registered letter, that its bid has been accepted.</p> <p>31.2 The notification of award will constitute the formation of the Contract.</p> <p>31.3 Upon the successful Bidder's furnishing of the performance security pursuant to ITB Clause 33, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security, pursuant to ITB Clause 15.</p> |
| <b>32. Signing of Contract</b>                                   | <p>32.1 At the same time as the Purchaser notifies the successful Bidder that its bid has been accepted, the Purchaser will send the Bidder the Contract Form provided in the bidding documents, incorporating all agreements between the parties.</p> <p>32.2 Within seven (07) days of receipt of the Contract Form, the successful Bidder shall sign and date the contract and return it to the Purchaser.</p>  |
| <b>33 Performance Security</b>                                   | 33.1 Within fourteen (14) days of the receipt of notification of award from the Purchaser, 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 Purchaser.

33.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 32 or ITB Clause 33.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Purchaser may make the award to the next lowest evaluated Bidder or call for new bids.

### **34. Corrupt or Fraudulent Practices**

34.1 The ZIAUDDIN UNIVERSITY requires that Bidders, Suppliers, and Contractors observe the highest standard of ethics during the procurement and execution of contracts. For the purposes of this provision, the terms set forth below are defined as follows:

- (i) “corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
- (ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the ZIAUDDIN UNIVERSITY,
- (iii) “collusive practice” is an arrangement among bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels for any wrongful gains, and to deprive the ZIAUDDIN UNIVERSITY of the benefits of free and open competition;

(b) The ZIAUDDIN UNIVERSITY will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(c) The ZIAUDDIN UNIVERSITY will sanction a firm, in accordance with prevailing Blacklisting procedures under Public Procurement Rules 2014, if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Bank-financed contract.

34.2 Furthermore, Bidders shall be aware of the provision stated in sub-clause 5.4 and sub-clause 24.1 of the General Conditions of Contract.

## Part-I

### Section II. Bid Data Sheet

The following specific data for the goods 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.

<b>Introduction</b>	
<b>ITB 1.1</b>	Name of Organization: ZIAUDDIN UNIVERSITY
<b>ITB 1.1</b>	Name of Project: <i>ESTABLISHMENT OF NCBC-ZU</i>
<b>ITB 1.1</b>	Name of Contract: <i>ESTABLISHMENT OF NCBC-ZU</i>
<b>ITB 4.1</b>	Name of Purchaser: <i>ZIAUDDIN UNIVERSITY</i>
<b>ITB 6.1</b>	For clarification purposes, the Employer's address is: ZIAUDDIN UNIVERSITY, NORTH NAZIMABAD, KARACHI.
<b>ITB 8.1</b>	Language of the bid – English

<b>Bid Price and Currency</b>	
<b>ITB 11.2</b>	The price quoted shall be in C&F and FOR at the following locations in accordance with the Schedule of Requirements including the delivery charges
<b>ITB 11.5</b>	The price shall be in Pak Rupees and foreign currency and shall be fixed.

<b>Preparation and Submission of Bids</b>	
<b>ITB 13.2</b>	<ul style="list-style-type: none"> <li>a. Certificate of Incorporation of bidder's firm showing its location and the date of registration etc.</li> <li>b. NTN and GST Registration Certificate</li> </ul>
<b>ITB 13.3 (b)</b>	Audited Balance Sheet or Bank Statement for the last 2 financial years (up to June 2016).

<b>ITB 13.3 (d)</b>	<p><b>Qualification requirements.</b> In addition to ITB 13.1, ITB 13.2, and ITB 13.3 (b), the potential bidder must also fulfill the following:-</p> <ul style="list-style-type: none"> <li>a) The Bidder must be a <b>Manufacturer</b> or an <b>Authorized Dealer</b> for sales &amp; service continuously from last one-year.</li> <li>b) <b>Technical Brochures</b> of Equipment quoted, mentioning its specifications, manufacture's model, product number, and country of origin.</li> <li>c) The <b>average annual sale</b> for the last 2 years shall not be less than <b>twice</b> number of similar type of units required (year-wise detail of sale required).</li> <li>d) An <b>average annual sale</b> from the sale of all types of equipment for the last 2 years.</li> <li>e) The bidder must have at least one local certified /authorized <b>repair and maintenance set-up</b>.</li> <li>f) Description of bidder's own <b>repair &amp; maintenance set-up</b> with the location / addresses of workshops, mobile workshops (if any).</li> <li>g) <b>Authority Letter</b> from the Bidder Company authorizing the relevant person to represent the company.</li> <li>h) If an Agent submits bids on behalf of more than one Manufacturer, unless each such bid is accompanied by a separate Bid Form for each bid, and a bid security, when required, for each bid, and a valid authorized dealership certificate from the respective Manufacturer, all such bids will be rejected as nonresponsive.</li> </ul>
<b>ITB 14.3 (b)</b>	A certificate from the dealer that all spare parts of the equipment to be supplied are easily available in Pakistan in the local market or from company owned outlets.
<b>ITB 15.1</b>	<p><b>Amount of Bid Security:</b></p> <p>Bid security will be the 5 percent of total amount, Bids shall be in the prescribed format, sealed and accompanied by the Bid Security in the form of Call Deposit, Bank Draft, or Pay Order in favor of [ZIAUDDIN UNIVERSITY ] having its <b>validity 120 days from the date of opening of bid.</b></p>
<b>ITB 16.1</b>	<b>Bid Validity Period: 120 days</b> after the date of opening of bid.
<b>ITB 17.1</b>	<b>Number of Copies: Original</b> along with <b>one Copy</b> of the bid. Bids must be accompanied by unit price and total price.
<b>ITB 18.2 (a)</b>	<b>Address for Bid Submission:</b> [ZIAUDDIN UNIVERSITY, NORTH NAZIMABAD, KARACHI]

<b>ITB 18.2 (b)</b>	<b>IFB Title and Number:</b> [ESTABLISHMENT OF NCBC-ZU]
<b>ITB 19.1</b>	Deadline for <b>Bid Submission:</b> [10 <sup>th</sup> May2021]
<b>ITB 22.1</b>	<b>Time, Date, and Place for Bid Opening:</b> 2:00pm on 10 <sup>th</sup> May 2021,

<b>Bid Evaluation</b>	
<b>ITB 25.3</b>	Criteria for bid evaluation: Lowest C&F / FOR Total Price offered by the qualified responsive bidder.

<b>Contract Award</b>	
<b>ITB 29.1</b>	Quantity increase or decrease: 01 – 04 units.

## Part-I

### Section III. Schedule of Requirements

The delivery schedule expressed as weeks stipulates hereafter a delivery date which is the date of delivery required.

TABLE 1 DELIVERY SCHEDULE

Sr.	Location	Item	Qty	Delivery Period from the date of Notification of Award
01	ZUFEST, North Nazimabad, Karachi	Server, Camera, on shelf Controller with Accessories and Installation	01	30 Days

Note. The above equipment shall be installed at the location identified by the client complete in all respects with installation, testing & commissioning.

## Part-I

### Section IV. Technical Specifications

#### **ITEM-I: HCI SERVER, CAMERA, ON SHELF CONTROLLER WITH ACCESSORIES**

##### **SYSTEM SPECIFICATIONS:**

S.No	Components	QTY
1	Server 2-socket platform optimized for VDI. (Better Will be preferable with standard company warranty)	4
2	Chassis with Up to 8*3.5" Hard Drives for 2CPU Configuration	4
3	2.4GHz Twelve Core Processor, 12C/24T, 9.6GT/s, 16.5M Cache, Turbo, HT (100W) DDR4-2400 (Better Will be preferable)	4
4	32GB RDIMM,3200MT/s, Dual Rank	24
5	10TB 10K RPM SAS 12Gbps 512e 3.5in Hot-plug Hard Drive	16



6	SSD 1.92TB, 2.5in SATA 6Gb/s, 3D2, Vibration – Operating 2.17 GRMS, Sequential Bandwidth - 100% Read (up to) 560 MB/s, Sequential Bandwidth - 100% Write (up to) 510 MB/s	4
7	Eight-port 12Gb/s PCI Express RAID controller 72-bit DDR4-2133 DRAM interface with 8GB non-volatile cache memory supports 6Gb/s and 12Gb/s SAS or SATA hard-disk drives and solid-state drives or equivalent	4
8	Integrated Remote Access Controller With Lifecycle Controller with Web-based GUI	4
9	High Performance Quad Port 1Gbe BASE-T.Rndc or Equivalent	4
10	High-Performance, Feature-Rich Dual-Port 10G PCIe Ethernet NIC or Equivalent	4
11	Dual, Hot-Plug, Redundant Power Supply (1+1), 800W, Titanium, 200-240VAC	4
12	Power Cord 250V, 10A	8
13	ProSupport and Next Business Day Onsite Service-Emerging DBS, 36 Month(s)	1
14	Ready Rails Slider Rails with cable Management Arm	4
15	Keyboard & Mouse Combo	4
16	48 Gigabytes (GB) of GPU, CUDA cores above 10,000.	4
17	Server Rack Enclosure includes: Baying hardware, Key(s), Keyed-alike doors and side panels, Leveling feet, Mounting hardware, Pre-installed casters, Side panels (Sizing should be according to hardware)	1
18	Vertical Rack mount PDU	2
19	Cabling and accessories	1
20	Firewall IPS Throughput 1Gbps, NGFW Throughput 800Mbps, Threat Protection Throughput 600 Mbps, Firewall Throughput (1518 / 512 / 64 byte UDP packets) 5/5/5 Gbps, Firewall 4 μs, Firewall Throughput 7.5 Mpps, New Sessions/Second (TCP) 35,000, Firewall Policies 5000, IPsec VPN Throughput (512 byte) 4.4 Gbps, Gateway-to-Gateway IPsec VPN Tunnels 200 or Equivalent.	1
21	International Training	2
22	Local Training	2
23	UPS for the Servers and Supported Devices: Quoted UPS should provide <ul style="list-style-type: none"> <li>1 hour of battery Backup.</li> <li>UPS and System Power Specification Sheet should attached for Technical Evaluation.</li> </ul>	1

24	AC Inverter (2 Ton, Single Phase), more warranty will be preferable.	2
25	Timer system for AC switching, with Display of each AC running time and Amps rating.	1
26	24 Port 10 Giga Switch, Rackmount	2
27	24" Inch LED (UHD)	4
28	VMWare License (More License Period will be preferable)	5
29	V-Center License (More License Period will be preferable)	1
30	AI Board (512-core Volta GPU) with outdoor casing with standard company warranty.	15
31	Power Supply recommended for AI board.	15
32	External Drive 1 TB (Outdoor)	17
33	SD Card(512 GB) Class A1	20
34	Outdoor system Enclosure Installation	1
35	Outdoor System Enclosure: <ul style="list-style-type: none"> <li>• Compact Size IP66 Enclosure with thermal Safety and Key Lock.</li> <li>• Components Includes: AI Board, Sensor Module (100*100*70 mm), Backup Power System, Cooling System and Thermal Safety System (35 Degree C Required Internal Temperature).</li> <li>• Complete Specification Sheet and Sizing required with thermal analysis report for Technical Evaluation.</li> </ul>	20
36	Power Backup for Outdoor Enclosure: <ul style="list-style-type: none"> <li>• 2 hours Back Power system for outdoor module</li> <li>• Sensor Module rating 5 Volt, 3.5 Amps</li> <li>• Other Integrated modules power calculation as per quoted items.</li> <li>• Complete specification required for Technical Evaluation.</li> </ul>	20
37	Camera (Outdoor, 4/8 MP, 30/40x Optical Zoom, Voice Sensor, wiper, PoE, WIFI/Wired)	10
38	LED Street Light (140-200 Watt, 20 to 25 lm per watt)	20
39	Poles for Camera and street light (Standard Size)	20
40	Installation For Poles & Cameras	1
41	IPC DP6	50
42	Cameras and sensor nodes integration with Datacenter (Radius 100 KM)	20
43	Switch POE/POE+ (As per quoted cameras)	20
44	Video wall (50-60 inch)	5

# Part-I

## Section V. Bidding Forms

### 1. Bid Submission Form

Date: \_\_\_\_\_  
No: \_\_\_\_\_

To  
[Client Address]

Having examined the bidding documents including Addenda Nos. *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver *[description of goods and services]* 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 10% percent of the Contract Price** 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 120 days from the date fixed for Bid opening** under Clause 22 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.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	
_____		
_____	_____	
_____		
_____	_____	
_____		
(if none, state "none")		

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

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

\_\_\_\_\_  
*[signature]*

\_\_\_\_\_  
*[in the capacity of]*

Duly authorized to sign Bid for and on behalf of \_\_\_\_\_

## 2. Manufacturer's Authorization Form

[See Clause 13.3 (a) of the Instructions to Bidders.]

To: *[name of the Purchaser]*

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 negotiate and sign the Contract with you against IFB 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 15 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.

### 3. Price Schedules

#### LOT-1: [Item Name]

Sr.	Item/Description	Brand/Model/Origin	Qty	Unit Price (Rs.)	Total Amount (Rs.)
1.					
2.					
3.					
TOTAL AMOUNT (Rs.)					

Note:

1. In case of discrepancy between unit price and total, the unit price shall prevail.
2. The supplier has to provide the following free of cost:
  - i. At delivery, generator's Engine Oil, Air Filter, Fuel Filter, and Oil Filter.
  - ii. Standard Tool Kit.
  - iii. Technical and Operation Manual.
  - iv. At site complete training of Purchaser's nominated staff regarding maintenance and operation of Goods.
  - v. At site preventive maintenance on quarterly basis by the bidder's qualified staff for one year, starting from final acceptance of goods.

#### LOT-II: [Item Name]

Sr. No.	Item/Description	Qty	Unit Price (Rs.)	Total Amount (Rs.)
TOTAL AMOUNT (Rs.)				

## Part-II

### Section I. Contract Forms

#### 1. Contract Form

THIS AGREEMENT made the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ between *[name of Purchaser]* (hereinafter called “the Purchaser”) of the one part and *[name of Supplier]* of (hereinafter called “the Supplier”) of the other part:

WHEREAS the Purchaser invited bids for certain goods and ancillary services, viz., *[brief description of goods and services]* 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 Purchaser’s Notification of Award.
3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract
4. The Purchaser 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 Purchaser)

Signed, sealed, delivered by \_\_\_\_\_ the \_\_\_\_\_ (for the Supplier)

## 2. Performance Security Form

To:

[*Client Address*]

WHEREAS [*name of Supplier*] (hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No. [*reference number of the contract*] dated \_\_\_\_\_ 20\_\_\_\_ 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*]



## **Part-II**

### **Section II. General Conditions of Contract**

#### **1. Definitions**

1.1 In this Contract, the following terms shall be interpreted as indicated:

- (a) “The Contract” means the agreement entered into between the Purchaser 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.
- (b) “The Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- (c) “The Goods” means all of the equipment, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the Contract.
- (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.
- (e) “GCC” means the General Conditions of Contract contained in this section.
- (f) “SCC” means the Special Conditions of Contract.
- (g) “The Purchaser” means the organization purchasing the Goods, as named in SCC.
- (h) “The Purchaser’s country” is Islamic Republic of Pakistan.
- (i) “The Supplier” means the individual or firm supplying the Goods and Services under this Contract.
- (j) “The Project Site,” where applicable, means the place or places named in SCC.
- (k) “Day” means calendar day.

- 2. Application** 2.1 These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.
- 3. Country of Origin** 3.2 For purposes of this Clause, “origin” means the place where the Goods were mined, grown, or produced, or from which the Services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 3.3 The origin of Goods and Services is distinct from the nationality of the Supplier.
- 4. Standards** 4.1 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.
- 5. Use of Contract Documents and Information; Inspection and Audit by the Bank** 5.1 The Supplier shall not, without the Purchaser’s prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- 5.2 The Supplier shall not, without the Purchaser’s prior written consent, make use of any document or information enumerated in GCC Clause 5.1 except for purposes of performing the Contract.
- 5.3 Any document, other than the Contract itself, enumerated in GCC Clause 5.1 shall remain the property of the Purchaser and shall be returned (all copies) to the Purchaser on completion of the Supplier’s performance under the Contract if so required by the Purchaser.
- 5.4 The Supplier shall permit the ZIAUDDIN UNIVERSITY to inspect the Supplier’s accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the ZIAUDDIN UNIVERSITY, if so required by the ZIAUDDIN UNIVERSITY.
- 6. Patent Rights** 6.1 The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.

## **7. Performance Security**

- 7.1 Within ten (10) days of receipt of the notification of Contract award, the successful Bidder shall furnish to the Purchaser the performance security in the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 7.3 The performance security shall be denominated in the currency of the Contract acceptable to the Purchaser and shall be in one of the following forms:
  - (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in Pakistan, in the form provided in the bidding documents or another form acceptable to the Purchaser; or
  - (b) a cashier's or certified check.
- 7.4 The performance security will be discharged by the Purchaser 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.

## **8. Inspections and Tests**

- 8.1 The Purchaser 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 Purchaser. SCC and the Technical Specifications shall specify what inspections and tests the Purchaser requires and where they are to be conducted. The Purchaser shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.
- 8.2 The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.
- 8.3 Should any inspected or tested Goods fail to conform to the Specifications, the Purchaser 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 Purchaser.
- 8.4 The Purchaser's right to inspect, test and, where necessary, reject

the Goods after the Goods' arrival in Pakistan shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Purchaser or its representative prior to the Goods' shipment from the country of origin.

8.5 Nothing in GCC Clause 8 shall in any way release the Supplier from any warranty or other obligations under this Contract.

## **9. Packing**

9.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. 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. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the Purchaser.

## **10. Delivery and Documents**

10.1 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 and/or other documents to be furnished by the Supplier are specified in SCC.

10.2 Documents to be submitted by the Supplier are specified in SCC.

## **11. Insurance**

11.1 The Goods supplied under the Contract shall be C&F and DDP under which risk is transferred to the buyer after having been delivered, hence insurance coverage is seller's responsibility.

## **12. Transportation**

12.1 The Supplier is required under the Contract to transport the Goods to a specified place of destination within the Purchaser's country, transport to such place of destination in the Purchaser's country, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.

## **13. Incidental Services**

13.1 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:

- (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; and
- (e) Training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

13.2 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged for other parties by the Supplier for similar services.

#### **14. Spare Parts**

14.1 As specified in SCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

- (a) Such spare parts as the Purchaser 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:
  - (i) Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and
  - (ii) Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

#### **15. Warranty**

15.1 The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current 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 Purchaser'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.

- 15.2 This warranty shall remain valid for twelve (12) months 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, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.
- 15.3 The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.
- 15.4 Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Purchaser.
- 15.5 If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, within a reasonable period, the Purchaser 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 Purchaser may have against the Supplier under the Contract.

## **16. Payment**

- 16.1 The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.
- 16.2 The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC Clause 10, and upon fulfillment of other obligations stipulated in the Contract.
- 16.3 Payments shall be made promptly by the Purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the Supplier.
- 16.4 The currency of payment is Pak. Rupees / Foreign currency as per need.

## **17. Prices**

- 17.1 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, with the exception of any price adjustments authorized in SCC or in the Purchaser's request for

bid validity extension, as the case may be.

- 18. Change Orders** 18.1 The Purchaser may at any time, by a written order given to the Supplier pursuant to GCC Clause 31, make changes within the general scope of the Contract in any one or more of the following:
- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
  - (b) the method of shipment or packing;
  - (c) the place of delivery; and/or
  - (d) The Services to be provided by the Supplier.
- 18.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order.
- 19. Contract Amendments** 19.1 Subject to GCC Clause 18, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
- 20. Assignment** 20.1 The Supplier shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Purchaser's prior written consent.
- 21. Subcontracts** 21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or obligation under the Contract.
- 21.2 Subcontracts must comply with the provisions of GCC Clause 3.
- 22. Delays in the Supplier's Performance** 22.1 Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Purchaser in the Schedule of Requirements.
- 22.2 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 Purchaser 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 Purchaser 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.

22.3 Except as provided under GCC Clause 25, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 23, unless an extension of time is agreed upon pursuant to GCC Clause 22.2 without the application of liquidated damages.

### **23. Liquidated Damages**

23.1 Subject to GCC Clause 25, 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 Purchaser 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 Purchaser may consider termination of the Contract pursuant to GCC Clause 24.

### **24. Termination for Default**

24.1 The Purchaser, 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:

- (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 Purchaser pursuant to GCC Clause 22; or
- (b) If the Supplier fails to perform any other obligation(s) under the Contract.
- (c) If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this clause:

“Corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.



“fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the ZIAUDDIN UNIVERSITY, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the ZIAUDDIN UNIVERSITY of the benefits of free and open competition.

24.2 In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 24.1, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

**25. Force Majeure**

25.1 Notwithstanding the provisions of GCC Clauses 22, 23, and 24, 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.

25.2 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 Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

25.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser 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.

**26. Termination  
for Insolvency**

26.1 The Purchaser may at any time terminate the Contract by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

**27. Termination  
for**

27.1 The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its

<b>Convenience</b>	<p>convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.</p>
	<p>27.2 The Goods that are complete and ready for shipment within thirty (30) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:</p> <ul style="list-style-type: none"> <li>(a) to have any portion completed and delivered at the Contract terms and prices; and/or</li> <li>(b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.</li> </ul>
<b>28. Resolution of Disputes</b>	<p>28.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.</p> <p>28.2 If, after thirty (30) days from the commencement of such informal negotiations, the Purchaser and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified in SCC. These mechanisms may include, but are not restricted to, conciliation mediated by a third party, adjudication in an agreed and/or arbitration.</p>
<b>29. Governing Language</b>	<p>29.1 The Contract shall be written in the language specified in SCC. Subject to GCC Clause 30, the version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.</p>
<b>30. Applicable Law</b>	<p>30.1 The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan.</p>
<b>31. Notices</b>	<p>31.1 Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by fax and confirmed in writing to the other party's address specified in SCC.</p> <p>31.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.</p>

**32. Taxes and  
Duties**

32.1 Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

## **Part-II**

### **Section III. 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 1.1 (g)—The Purchaser is: [*Department Name*]

GCC 1.1 (h)—The Purchaser's country is: Islamic Republic of Pakistan

GCC 1.1 (i)—The Supplier is: [Detail]

GCC 1.1 (j)—The Project Site is: [Detail]

#### **2. Country of Origin (GCC Clause 3)**

#### **3. Performance Security (GCC Clause 7)**

GCC 7.1—The amount of performance security, as a percentage of the Contract Price, shall be 10% (Ten per cent of the contract price) in the shape of non recourse, irrevocable and unconditional bank guarantee from scheduled bank of Pakistan on the prescribed format attached with the bidding document.

#### **4. Inspections and Tests (GCC Clause 8)**

GCC 8.6—

Inspection and tests prior to delivery of goods and at final acceptance are:-

- i) For being Brand New, bearing relevant reference numbers of the equipment (Certificate from supplier)
- ii) For Physical Fitness having No Damages (Certificate from supplier)
- iii) For the Country of Origin as quoted by the Supplier (Certificate from manufacturer)
- iv) For conformance to specifications and performance parameters, through Prior to delivery inspection (Inspection Report by PMU)
- v) For successful operation at site after complete installation, testing and commissioning of the equipment (Installation, Testing and Commissioning Report by PMU)

## **5. Delivery and Documents (GCC Clause 10)**

GCC 10.3—Upon shipment, the Supplier shall notify the Purchaser the full details of the shipment, including Contract number, description of Goods, quantity and usual transport document. The Supplier shall mail the following documents to the Purchaser:

- i) Copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- ii) Original and two copies of the usual transport document (for example, a negotiable bill of lading, a non-negotiable sea waybill, an inland waterway document, an air waybill, a railway consignment note, a road consignment note, or a multimodal transport document) which the buyer may require to take the goods;
- iii) Copies of the packing list identifying contents of each package;
- iv) Insurance Certificate;
- v) Manufacturer's or Supplier's Valid Warranty Certificate;
- vi) Inspection Certificate issued by the Nominated Inspection Agency (if any), and the Supplier's Factory Inspection Report; and Certificate of Origin.
- vii) The above documents would be required even if the equipment has already been imported and is available with the supplier ex-stock

## **6. Insurance (GCC Clause 11)**

GCC 11.1— The Goods supplied under the Contract shall be C&F and DDP under which risk is transferred to the Buyer after having been delivered. Hence insurance coverage is seller's responsibility. Since the Insurance is seller's responsibility they may arrange appropriate coverage.

## **7. Incidental Services (GCC Clause 13)**

GCC 13.1—Incidental services to be provided are:

- A) At site complete training of Purchaser's nominated staff regarding maintenance and operation of Goods.
- B) At site preventive maintenance on quarterly basis by the bidder's qualified staff for one year, starting from final acceptance of goods.

The rate must include cost for all kinds of labor, inputs and material required for above, and all applicable government taxes and levies. In case a separate rate is not provided by the bidder for the above items, it shall be deemed to have been covered in the overall quoted cost.

## **8. Warranty (GCC Clause 15)**

GCC 15.2—In accordance with the provisions, the warranty period shall be 2000 hours of operation or 12 months (parts and labor warranty) from date of Handing Over (Final Acceptance) of the Goods whichever occurs earlier. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the Contract. If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, at its discretion, either:

- (a) Make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC 4,

**or**

- (b) Pay liquidated damages to the Purchaser with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be 0.1 % of the contract price per day. The maximum amount of liquidated damages for the whole of the goods or part thereof shall be 5% of the contract price.

**or**

- (c) Replacement of the whole unit at site including transportation, installation, testing & commissioning etc in case of major defect at his own cost.

GCC 15.4 & 15.5—the period for correction of defects in the warranty period is 72 hours.

## **9. Payment (GCC Clause 16)**

GCC 16.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:

### **Payment for Goods supplied:**

Payment shall be made in Pak. Rupees in the following manner:

**Billing Cycle:** The billing shall be on monthly basis.

- (i) **Payment against Delivered Goods:** Upon submission of claim, the supplier shall be paid within thirty (30) days of receipt of the Goods at site after performing the requisite inspection and tests as mentioned in SCC 4.

## **12. Prices (GCC Clause 17)**

GCC 17.1—Prices shall be: Fixed.

**13. Liquidated Damages (GCC Clause 23)**

GCC 23.1—Applicable rate: 1 % of contract price per day  
Maximum deduction: 15 % of contract price

**14. Resolution of Disputes (GCC Clause 28)**

GCC 28.3—The dispute resolution mechanism to be applied pursuant to GCC Clause 28.2 shall be as follows:

In the case of a dispute between the Purchaser and the Supplier, the dispute shall be referred to adjudication or arbitration in accordance with the Pakistan Arbitration Act, 1940.

**15. Governing Language (GCC Clause 29)**

GCC 29.1—The Governing Language shall be: English.

**16. Applicable Law (GCC Clause 30)**

GCC 30.1-The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan which includes the following legislation:

The Employment of Children (ECA) Act 1991  
The Bonded Labour System (Abolition) Act of 1992  
The Factories Act 1934

**17. Notices (GCC Clause 31)**

GCC 31.1—Purchaser's address for notice purposes –

Ziauddin University Faculty of Engineering Science & Technology (ZUFEST),

North Nazimabad,

Karachi, Pakistan.

—Supplier's address for notice purposes: