

NATIONAL INVESTMENT TRUST LIMITED

TENDER NO. ADMIN / 24 (42-C)

DTD: May 28, 2019

INVITATION TO BID

National Investment Trust Limited an Asset Management Company managing mutual funds in Pakistan invites Sealed Bids (Technical and Financial Proposals separately) from reputed and well established firms / companies having registration with Sales Tax and Income Tax Departments for **Supply / Installation and Commissioning of Branded 42 U Servers Rack at Karachi.**

Bidding Documents which are containing detailed terms and conditions, method of procurement, procedure for submission of bids, , bid validity, opening of bid, evaluation criteria, clarification / rejection of bids, performance guarantee etc. are available for the interested bidders at National Investment Trust Limited, 6th Floor, NBP Building, I. I. Chundrigar Road, Karachi. Bidding Documents can also be downloaded from NIT Website www.nit.com.pk free of cost.

The bids prepared in accordance with the instructions in the bidding documents must reach at the following address on or before June 14, 2019 up to 3:30 p.m. Bids will be opened on same day at 4:00 p.m on June 14, 2019.

Head of Administration

National Investment Trust Limited
NBP Building, 6th Floor, I. I Chundrigar Road
Karachi-74000
Tel: 021-32412056-9 Fax: 021-32417827, 021-32422719

National Bank Building, 6th Floor, I. I. Chundrigar Road Karachi – 74000 Pakistan
Tel : 32412056-59 (4 Lines) Fax : 32417827, 32422719 UAN : 111-648-648
E-mail : info@nit.com.pk, Website: www.nit.com.pk

**TENDER FOR PURCHASE, INSTALLATION AND
COMMISSIONING OF BRANDED 42 U SERVERS
RACK WITH ENVIRONMENTAL MONITORING
SYSTEM AT KARACHI**

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1. INTRODUCTION

National Investment Trust (NIT) is largest open end Mutual Fund in Pakistan. NIT has its Head Office located in Karachi, with its operation spread all over Pakistan through the presence of NIT branches and distributor's network.

- 1.2 Sealed Tenders are invited from reputed and well established firms/companies registered with Sales Tax and Income Tax Departments for the procurement and installation of quantity one (01) Branded 42U Servers Rack & Environmental Monitoring System. The selected bidder will be responsible for supply, installation and commissioning of the Rack at Karachi.

2. SCOPE OF WORK

Following requirements define the scope of work for this Tender:

- 2.1 The Selected bidder will be responsible for the supply, installation of all equipment and services, purchased against this Tender.
- 2.2 Selected bidder must ensure that the supplied equipment is fully operational, new and performs properly and meet Tender Technical Specification.

3. INFORMATION FOR BIDDERS

Name of Procuring Agency:	National Investment Trust Limited National Bank Building, 6 th Floor, I.I. Chundrigar Road, Karachi. 74000, Pakistan.
Earnest money	Bank draft equal to 2% of the total bid value to be enclosed at the time of bid submission.
Last date for Bid Submission	June 14, 2019 up to 3:30 p.m.
Bid Opening Date and Time	June 14, 2019 up to 4:00 p.m.
Bid Opening Place	National Investment Trust Limited National Bank Building, 6 th Floor, I.I. Chundrigar Road, Karachi. 74000, Pakistan.
Contact Person	Mr. S. T. A. Quadri, HO - Admin
Phone:	021-32412056-9 (Ext : 224)
Direct Phone	021-32425101
Fax:	021-32422719

4. TERMS AND CONDITIONS:

- 4.1. The bidder should be registered with Sales Tax and Income Tax Department.
- 4.2. The bidder must be the authorized partnership of the principal in Pakistan.
- 4.3. This tender includes following two items for bidder to qualify both of these which should be bid by the bidder, but will allow item-wise partial payment.
- 4.3.1. Branded Servers Rack with PDU's (as per Annexure I)
- 4.3.2. Environmental Monitoring System for Rack (as Per Annexure II)

- 4.4. Bid should be submitted in Pak Rupees only.
- 4.5. Bidder firm has not been blacklisted by any Government/Semi Government organization.
- 4.6. NIT reserves the right to accept/reject wholly or partially any tender at any stage of the tender process. Reasons may be provided upon written request.
- 4.7. Validity period of the bids shall be for at least for period of tender submission and its award, inclusive of PPRA compliance requirements.
- 4.8. The decisions of NIT will be binding on all concerned and will in no case be challengeable at any forum or any court of law.
- 4.9. Bids are liable to be rejected if; they are not conforming the terms, conditions and specifications stipulated in this Tender.
- 4.10. During the examination, evaluation and comparison of the bids, the NIT at its sole discretion may ask the bidder for clarifications of its bid. However, no change in the price or substance of the bid shall be sought, offered or permitted after bid submission.
- 4.11. For this tender all updates/changes shall be communicated through email by NIT.
- 4.12. Bids submitted via email or fax will not be entertained.

5. PROCEDURE FOR BID SUBMISSION

- 5.1. For this tender ‘Single stage- Two envelope procedure’ for open competitive bidding shall be adopted.
- 5.2. Bid envelope submitted will comprise of a single envelope containing two separate closed / sealed envelopes containing Technical and Financial proposal.
- 5.3. Technical proposal envelope should be marked as ‘Technical proposal for 42 U Servers Rack & Environmental Monitoring System for Rack’ and should include following documents:
 - 5.3.1. Company profile.
 - 5.3.2. List of customers (corporate sector) along with their contact details
 - 5.3.3. Technical specification Annexure I document completely filled, signed and stamped for identifying offered equipment.
 - 5.3.4. Technical brochure of the offered model / equipment
 - 5.3.5. Partner Authorization letter.
 - 5.3.6. Active Income Tax/GST Certificate of the bidder.
 - 5.3.7. Any other document required as per this tender document.
- 5.4. Financial proposal should be marked ‘Financial proposal for 42 U Servers Rack & Environmental Monitoring System for Rack’ and contain bid price filled on BOQ Form Annexure III for items specified in Annexure I & II.

6. FINAL SELECTION

- 6.1 In first stage only the 'Technical proposals' will be opened in the presence of bidder's representatives that choose to attend.
- 6.2 Technical proposals of the bidders will be evaluated, generally for compliance of ALL the requirements given in the tender document generally and specifically in Qualification Criteria given in Annexure IV.
- 6.3 Vendors who will not submit all required documents / information as per Qualification Criteria and do not meet the qualification requirement will be declared as Non-Qualified Vendors.
- 6.4 As a part of technical evaluation, bidders may be asked to arrange visit to their completed projects.
- 6.5 On the basis of Qualification Criteria, the financial proposal of only technically qualified bidder will be opened in the presence of their representatives that choose to attend.
- 6.6 Financial proposals of bids found technically non-responsive will be returned un-opened.
- 6.7 The Financial bids of the technically qualified bidders will only be considered for financial evaluation. The bidder giving the lowest submitted financial bid as per the grand total price submitted in BOQ (Annexure III) will be considered the winner and be awarded the order.

7. DELIVERY SCHEDULE

- 7.1 Delivery and commissioning for Servers Rack is required to be executed within four (04) to Six (06) days (Should be in ready stock)
- 7.2 Delivery and commissioning for Environmental Monitoring System for Server Rack is required to be executed within two (02) to four (04) weeks.

8. PAYMENT TERMS

- 8.1 No payment shall be made in advance to the contractor as mobilization advance.
- 8.2 The partial payment will be acceptable against individual items as mentioned in para 4.3 i.e. Servers Rack with PDU's (Annexure I) and Environmental Monitoring System (Annexure II) as per following terms.
 - 8.2.1 50% on successfully delivery and remaining 50% after its commissioning and testing of each items.
- 8.3 All payments shall be made after deduction of all taxes.
- 8.4 All payments shall be made through cross cheque in the Pak Rupees.
- 8.5 Taxes will be deducted at source as per Government Rules at the time of payment.
- 8.6 Bidder should mention any other charges/optional charges in financial bid deemed necessary to complete and compare final bid amount. (all inclusive including taxes)

ANNEXURE I: TECHNICAL SPECIFICATION FOR BRANDED SERVERS RACK

Equipment Type	Attributes	Description	Compliance (Y/N)	Comments	Module Number	Reference Brochure
1.0 Branded Server Rack of brand Vertiv (Emerson) or Equivalent	1.1 42 U	1.1.1 Imported, Branded (Vertiv, or equivalent)				
		1.1.2 Height 42U Width 600mm & Depth 1090mm (minimum)				
		1.1.3 75% Door Perforation rate				
		1.1.4 One front & two rear split doors with lock & key mechanism				
		1.1.5 Castors and adjustable leveling feet/ support				
		1.1.6 Having 2 x branded, imported, adjustable metal shelves / rail kit with sufficient gauge to carry the weight of equipment, as per the size of rack with same color / matching with rack				
		1.1.7 Top & bottom cable access				
		1.1.8 Adaptability to install rack PDU at its backside in vertical mounting rail / position				
		1.1.9 Integrated electrical grounding of all rack doors				
		1.1.10 Compatible with standard EIA-310, 19inch Rack Mounting				

	1.1.11 Environmental Compliance: RoHS		
	1.1.12 Color; RAL 7021, Black		
	1.1.13 Protection Class; IP 20,		
	1.1.14 Material and Coating: Steel framework Powder coating for rack surface		
	1.1.15 Static Load capacity: Up to 1300KG		
	1.1.16 Containable with Cold/Hot aisle containment		
	1.1.17 Approvals: UL Listed		
	1.1.18 19" 1U Metal cable management with cover (Qty. 2)		
	1.1.19 Cat – 6 UTP Patch cords 1meter (Qty. 12)		
1.2 Metered PDUs Installed	1.2.1 Branded Vertiv or Equivalent (Qty. 2)		
	1.2.2 Metered Rack PDU system delivers power distribution, Monitoring for IT devices. With remote monitoring (PDU should integrate with EMS system)		
	1.2.3 Real-time electrical parameters such as information display of voltage, amps, kW, power factor and kW-hr		
	1.2.4 Input Voltage/Frequency : 100- 240V 45-66HZ		
	1.2.5 Output Voltage/Frequency : 100-240V 45-66HZ		

	1.2.6	Rate Current / Max. Power (240V) : 32A / 7600W			
	1.2.7	Input Plug IEC309 with input cable of 3x4mm.sq x3m			
	1.2.8	Output Receptacle C13 x 18 + C19 x 6			
	1.2.9	Max. Quantity in single daisy chain : 4			
	1.2.10	Compliance : CE, C-Tick, RoHs			
	1.2.11	Installation : Zero-U vertical mounting black color			
	1.3 Complete Installation services of Rack with all accessories purchased	1.3.1	Installation of Network devices with Complete KVM Console of standard size held with NIT		
		1.3.2	On site Delivery, Installation, Services, Commissioning of all equipment.		

ANNEXURE II: TECHNICAL SPECIFICATION FOR BRANDED ENVIRONMENTAL MONITORING SYSTEM FOR SERVERS RACK

Equipment Type	Description	Compliance (Y/N)	Comments	Module Number	Reference Brochure	
2.0 Environmental Monitoring solution	2.0.1 Imported, Branded Vertiv (Emerson), or equivalent , the offered equipment should be same offered Rack brand					
	2.0.2 19" rack mount centralized environmental monitoring system integrated with UPS, Precision Cooling, Smoke/ Tem/ Humidity / Water leakage sensors with following features;					
	2.0.3 Infrastructure management solution that monitor environmental conditions i.e. temperature and humidity, leak, smoke, vibrations and digital inputs and outputs. It is also capable of monitoring infrastructure appliances such as Metered PDU's, etc. The system should be equipped with a built-in web server, eliminating the need to perform a software installation.					
	2.0.4 EMS system should be monitoring of the health and status of the equipment					
	2.0.5 Monitoring of environmental conditions i.e. temperature and humidity, leak and door sensor.					
	2.0.6 Dual power input options in EMS system for power redundancy in case of power failure. Voltage range 100 – 240VAC					
	2.0.7 Records Data and Logs of historical information of alarms and notifications					
	2.0.8 Communication : SNMP, MODBUS, Dry contact, Analog / Digital signals					
	2.0.9 Default 16 devices should be able to connect by Modbus, SNMP etc. protocols					
	2.0.10 By default can be support up to 32 sensors by using daisy chain etc.					

	2.0.11 Device should have digital input/output and analog input/output port				
	2.0.12 Real-time event notification of critical physical infrastructure situations to reduce mean time to repair, improve efficiency, and maximize uptime. Receive alerts via e-mail				
	2.0.13 Unified console enables instant access to Central application from anywhere on the network				
	2.0.14 Private networking Reduce IP addresses needed on the public network to manage devices, by placing them on an isolated secure network				
2.1 Sensors Required to be installed	2.1.1 Temperature & Humidity Sensor (Qty 01)				
	2.1.2 Door Sensor (Qty 01)				
	2.1.3 Security Camera (Qty 01)				
	2.1.4 Power Cords for EMS supply (Qty 02)				
	2.1.5 Cat-6 Patch cords for sensors (Qty 03)				
2.2 Complete Installation of system with all accessories	2.2.1 Delivery, Installation and Commissioning of environmental control with all accessories in Server Rack				

ANNEXURE III: BILL OF QUANTITY

Equipment Type	Quantity	Unit Price	Total Price (PKR)
1.1 Branded Servers 42 U Rack with PDU's (As per specifications in Annex 1)	01		
1.2 Environmental Monitoring system (As per specifications in Annex II)	01		
Grand Total			

Note: Bidder should mention any other charges/optional charges in financial bid (All-inclusive including taxes)

ANNEXURE IV: QUALIFICATION CRITERIA

Vendors who will meet the following conditions and submit the documents / statements / information as mentioned, will be declared Qualified Vendors while others will be classified as Non-Qualified Vendors.

- 8.1 Active Income Tax Certificate / GST Certificate (Copy to be provided).
- 8.2 Holding authorized partnership for Pakistan from the principal/ manufacturer of the equipment/software (Copy to be provided).
- 8.3 Completely Filled Bill of Quantity as per equipment quantity given under Annex II.
- 8.4 Proof of Company being in operation for at least 3 years in Pakistan in relevant business.
- 8.5 Compliance of the offered model / product with the specification mentioned in Technical Information. Annexure I & II completely filled signed and stamped to be included also provide detailed brochures / technical-literature for verification of the same.
- 8.6 Technical proposal documents should be duly signed and stamped.
- 8.7 Successful implementation of at least three (03) similar projects* within last two years Testimonial from the customer or can be confirmed by NIT through the contact detail provided.
- 8.8 The supply of Racks orders completed during last 2 years and in hand should have a combined worth of at least Rs.1 Million (list to be provided).
- 8.9 The bidder company should have a minimum turnover of over Rs.40 Million during last two years.

* Project listed should be of the same Brand with same or higher specification than this Tender