



## **TENDER DOCUMENTS**

### **PROCUREMENT OF EQUIPMENT FOR DIGITAL SIGNAGE**

#### **NUTECH/SCM/ DIGITAL SIGNAGE -2019/TD-59**

**NATIONAL UNIVERSITY OF TECHNOLOGY**

## **TENDER NOTICE**

**National University of Technology (NUTECH)**

**NUTECH/SCM/DIGITAL SIGNAGE -2019/TD-059**

**NUTECH/SCM/IT SERVICES EQUIPMENT-2019/TD-041 stands cancelled**

Sealed bids are invited from Government / FBR Registered Firms for the procurement of IT Services for NUTECH Offices.

1. Tender documents containing terms & conditions and detailed specifications of items can be downloaded from NUTECH website "<https://nutech.edu.pk/d-p.php>" w.e f **26 April 2019**.
2. Quotations shall be submitted as per requirement of the tender documents.
3. Bidders will be required to submit bank draft/PO equal to 5% of quoted value as Bid Bond in favor of National University of Technology (NUTECH).
4. Sealed bids with detailed specification should reach on the following address latest by **1030 hours** on **14 May 2019**. Late submission will not be entertained.
5. Bids will be opened at **1100 hours** on **14 May 2019** at SCM Office.
6. Project is to be completed in 15 days from the date of award of contract.
7. Submit Rs 1500/- as Tender fee in favour of NUTECH HBL account: **NUTECH Tendering and contracts, 5037- 7000210755**. Please attach bank receipt with technical offer. Offers will not be entertained without payment of processing fee.

**Deputy Director (Supply Chain Management Office)**  
**NATIONAL UNIVERSITY OF TECHNOLOGY (NUTECH) UPROAD,SECI-12,**  
**ISLAMABAD**  
**Tel: 0092-51-5476768, Ext: 178**



**NATIONAL UNIVERSITY OF TECHNOLOGY**  
**SUPPLY CHAIN MANAGEMENT OFFICE**  
**NUTECH/SCM/DIGITAL SIGNAGE -2019/TD-059**

**INVITATION TO TENDER**

**Submission Date/Time** 14 May 2019 at 1200 hours

1. NUTECH desires to procure the list of item(s)/Store(s) as per **Annexure-A**. Interested bidders are requested to send their bids through courier or deliver at NUTECH under two separate sealed envelopes (placed together in third envelope), marked clearly, "**Technical Offer**" and "**Commercial Offer**", respectively to the undersigned, latest by or before above mentioned due date. If due to any unforeseen circumstances, NUTECH establishment remains closed, then the last date of submission will be extended to next working day.
2. Please also note that Technical Offer should contain only Annexes-A & B duly filled in (supported with relevant technical literature /details/ catalogues etc) and receipt of tender processing fee. Commercial Offer will contain Annexure-C and bid bond (Dully mentioned and placed in separate envelop). Please ensure no space is left blank in the annexes.
3. Following must be noted for this IT (Invitation to Tender):-
  - a. 2 x copies of technical offer are to be provided.
  - b. Annexes A, B and C must be signed and stamped. Attach only relevant documents.
  - c. Please complete all document as per given format. Do not use your format or letter head. Offer may be rejected if given format is not followed.
  - d. Validity of offer will be 90 days.
  - e. Procurement will be done on package deal basis.
  - f. Delivery period will be 15 days from the date of award of contract.
  - g. The firm should provide point to point acceptance of each clause of IT and special instructions attached with IT.
  - h. Quote firm will render a certificate with technical offer that firm is neither defaulter nor blacklisted by any Government / Semi Government organization directly or indirectly.
  - i. Tender(s) must be accompanied with a Bid Bond in agreement of faithful compliance of the conditions of Contract/Purchase Order. This amount will be equivalent to 5% of the total

quoted value. In case of non-acceptance of any offer, the Bid Bond will be returned to the bidder by fastest possible means. The Bid Bond amount submitted by the successful bidder will however be refunded on effective termination of Contract/ Purchase Order. (The Bid Bond will be forfeited in case of default by the bidder from his commitments made through his offer). Submission of Bid Bond is mandatory; otherwise your offer will be rejected.

- j. 1 years warranty against 5% bank guarantee will be required from the successful bidders from the date of commissioning.
- k. Rates should be quoted on Free Delivery basis at NUTECH Islamabad.

4. We reserve the rights to accept or reject any or all tenders as a whole or in part without assigning any reason whatsoever. The decision in this regard will be firm, final and binding on all bidders.

DD (Supply Chain Management)



**NATIONAL UNIVERSITY OF TECHNOLOGY**  
**SUPPLY CHAIN MANAGEMENT OFFICE**  
**TECHNICAL OFFER**

**Annex A**

User Reference No **NUTECH/SCM/DIGITAL SIGNAGE -2019/TD-059** Date: **26-04-2019**

**Technical Specification**

Ser	Items	Description	Country of Origin	A/U	Qty Req	Bidder Compliance		Tech Scrutiny to be done by user	
						Yes	No	Accepted	Rejected
								Reason of Rejection	
1	Display Screens	a. Screen size: 55 inch b. Screen type: LED c. Screen resolution: Full HD (1920 x 1080) or higher d. Input: Tuner + HDMI + AV + VGA + USB 2.0+ e. Aspect Ratio: 16:9, 4:3 f. Audio: Yes g. Power rating: 220V compatible <b>Samsung/ Sony/ LG</b>	Japan/Korea a	No	20				
2	Smart Box	a. Smart features: Built-in or via add-on device (1) CPU: Quad core (2) RAM: 4GB or more (3) OS: Android 4+ (4) USB: At least 2 ports (5) Connectivity: Ethernet & Wi-Fi Must be fully compatible with the proposed software, in addition to the above specs	Any Country	No	20				

<b>3</b>	<b>Software</b>	<p>Ready-made off-the-shelf Digital Signage Software System of well reputed international company, preferably USA or UK, having:-</p> <ol style="list-style-type: none"> <li>Content Management System</li> <li>Content Scheduling System with Priority assignment and calendar based advance scheduling</li> <li>Content Layout Template Management System</li> <li>Centralized control to schedule and display different content on different screens</li> <li>Centralized control to monitor displays in real-time</li> <li>Software should be capable of providing display to Android, Windows, Linux AND web OS based devices</li> <li>Software should provide layout design capability with rich text and custom fonts</li> <li>Software must have ability to define and manage user and user group based access rights &amp; permissions</li> <li>Must have provision to include or import the following types of content from external sources: <ol style="list-style-type: none"> <li>Text/HTML</li> <li>Images</li> <li>Video</li> <li>Flash</li> </ol> </li> </ol>	Any country	No	1			

		<ul style="list-style-type: none"> <li>(5) Web pages</li> <li>(6) Weather API</li> <li>(7) Audio</li> <li>(8) PowerPoint</li> <li>(9) RS232</li> <li>(10) Time &amp; clock</li> <li>(11) CSV</li> <li>(12) Media RSS</li> </ul> <p>j. Software must provide well documented, Open API compliant APIs for integration with 3rd party systems that might be needed at later stage</p> <p>k. Should support deployment in LAN as well as Cloud environments across single or multiple physical premises</p> <p>l. Source-code of the base CMS software must be handed over at the time of the project completion</p> <p>m. Software must have been in the market for over 5 years</p>						
<b>4</b>	<b>Installation</b>	Installation, Configuration & Training (UPS & Server provided by client)						

### **Special Instructions**

		<b>Bidder</b>			<b>Tech Scrutiny to be done by User</b>		
		<b>Yes</b>	<b>No</b>	<b>Alternate Offer</b>	<b>Accepted</b>	<b>Rejected</b>	<b>Reasons of Rejection</b>
<b>Installation and Commissioning</b>	a. Commissioning of the equipment (Software & Hardware) will be carried out by OEM rep at his own cost and risk at designated place at NUTECH. b. Any Special requirement must be specified in the offer by the supplier.						
<b>Standard &amp; Compliance</b>	Bidder must submit specification compliance in their bids, non-compliance (if any) against the product specification and general terms & conditions of the tender will lead to the disqualification of the bidder.						
<b>Support Services</b>	a. 24x7x365 Support Services including public holidays with response time of 4 hours. b. Suppliers to have in-country spares/Technical support and ensure spares and technical support/Assistance for next 1 years c. Service Lifecycle 3 years after end of product life						
<b>Warranty Period</b>	a. 1 Years Comprehensive warranty of all items. A Warranty sticker is to be pasted on each item by the supplier/ OEM highlighting name of Firm, Contract No and Date, Description of Store and warranty validity.						
<b>Training</b>	a. Supplier will provide a set of handouts for training on operation and maintenance of the equipment b. Seller will fully train the IT Team of NUTECH on the equipment and software for operations and maintenance						



<b>Physical Inspection Criteria</b>	100% Physical inspection of store will be carried out before commissioning of the equipment for following details a. For physical damage, scratches and deformity. b. Accessories/ Components as per contractual Specifications c. Technical manuals (Operation manual, user guide).						
<b>Publications</b>	Operational/ Maintenance manual Qty 01 with Equipment and additional Qty 02 for record purpose and should consist of following sections a. Equipment Description/ Operation (1) Specifications (2) Description (3) Operation b. Servicing (1) Maintenance Schedule (2) Removal/ Installation procedure Trouble Shooting guide						
<b>Improvement and Safety Measures</b>	Any improvement and safety measures suggested by NUTECH during commissioning are to be resolved by the supplier manufacturer at no extra cost.						
<b>Liability of Supplier</b>	a. OEM certificate of authorized dealership. Supplier is to provide original OEM certificate of subject equipment bought directly from the manufacturer and being an authorized dealer. b. In Case the equipment supplied is not compatible with specifications, the supplier will be obliged to call his representatives at his own cost for consultation and corrective action						
<b>Special Instruction</b>	a. Interested parties must carry out survey of the site b. Pre-bid meeting will be held at NUTECH, 5 days prior to technical bid opening to answer queries of bidders.						

Firm Name \_\_\_\_\_  
Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Designation \_\_\_\_\_



**NATIONAL UNIVERSITY OF TECHNOLOGY**  
**SUPPLY CHAIN MANAGEMENT OFFICE**  
**TECHNICAL OFFER**

**Annex B**

**Please fill in the following essential parameters:**

1. Validity of Offer:\_\_\_\_\_ Days (Should not be less than 90 days)
2. Delivery Period:\_\_\_\_\_ Days (After Placement of order)
3. Country of Origin:\_\_\_\_\_
4. Warranty/Guarantee:\_\_\_\_\_ Months from the date of final acceptance of the stores.

**General**

GST No:\_\_\_\_\_ (Please enclose copy)

NTN/CNIC: \_\_\_\_\_ (if exempted, please provide valid exemption certificate)

**Payment Terms:**

1. 50 % advance payment (Against valid bank Guarantee)
2. 50% Payment after delivery, installation /commissioning, user satisfaction certificate

**Details of Payment Recipient**

(1) Name/Title: \_\_\_\_\_

(2) Address:\_\_\_\_\_

Signature: \_\_\_\_\_

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

Name: \_\_\_\_\_

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



**NATIONAL UNIVERSITY OF TECHNOLOGY**  
**SUPPLY CHAIN MANAGEMENT OFFICE**

**FINANCIAL OFFER****Annex C**User Reference No **NUTECH/SCM/DIGITAL SIGNAGE -2019/TD-059** Date: **26-04-2019**

Ser	Items	Description	A/U	Qty Req	Unit Price (Rs) Including all taxes	Total amount for total qty ( rs) including all taxes
1	<b>Display Screens</b>	a) Screen size: 55 inch b) Screen type: LED c) Screen resolution: Full HD (1920 x 1080) or higher d) Input: Tuner + HDMI + AV + VGA + USB 2.0+ e) Aspect Ratio: 16:9, 4:3 f) Audio: Yes g) g. Power rating: 220V compatible <b>h) Samsung/ Sony/ LG</b>	No	20		
2	<b>Smart Box</b>	a. Smart features: Built-in or via add-on device <ol style="list-style-type: none"> <li>1. CPU: Quad core</li> <li>2. RAM: 4GB or more</li> <li>3. OS: Android 4+</li> <li>4. USB: At least 2 ports</li> <li>5. Connectivity: Ethernet &amp; Wi-Fi</li> </ol> b. Must be fully compatible with the proposed software, in addition to the above specs	No	20		
3	<b>Software</b>	Ready-made off-the-shelf Digital Signage Software System of well reputed international company, preferably USA or UK, having:- <ol style="list-style-type: none"> <li>a. Content Management System</li> </ol>	No	1		

		<ul style="list-style-type: none"> <li>b. Content Scheduling System with Priority assignment and calendar based advance scheduling</li> <li>c. Content Layout Template Management System</li> <li>d. Centralized control to schedule and display different content on different screens</li> <li>e. Centralized control to monitor displays in real-time</li> <li>f. Software should be capable of providing display to Android, Windows, Linux AND web OS based devices</li> <li>g. Software should provide layout design capability with rich text and custom fonts</li> <li>h. Software must have ability to define and manage user and user group based access rights &amp; permissions</li> <li>i. Must have provision to include or import the following types of content from external sources: <ul style="list-style-type: none"> <li>1. Text/HTML</li> <li>2. Images</li> <li>3. Video</li> <li>4. Flash</li> <li>5. Web pages</li> <li>6. Weather API</li> <li>7. Audio</li> <li>8. PowerPoint</li> <li>9. RS232</li> <li>10. Time &amp; clock</li> <li>11. CSV</li> </ul> </li> </ul>				
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		<p>12. Media RSS</p> <p>j. Software must provide well documented, Open API compliant APIs for integration with 3rd party systems that might be needed at later stage</p> <p>k. Should support deployment in LAN as well as Cloud environments across single or multiple physical premises</p> <p>l. Source-code of the base CMS software must be handed over at the time of the project completion</p> <p>m. Software must have been in the market for over 5 years</p>				
4	<b>Installation</b>	Installation, Configuration & Training (UPS & Server provided by client)				
	<b>Total</b>					

Bid Bond Ref\_\_\_\_\_

Total Gross Value\_\_\_\_\_

Quoted prices must be including all taxes. No separate tax will be considered,.

\*\*Bid Bond to be attached with Annex C. Copy of Bid Bond be attached with

Technical offer without showing its value. Exposure of bid bond may result in rejection of offer.

Firm Name_____
Signature_____
Name_____
Designation_____