



**TENDER DOCUMENTS**

**Equipment for Media Cell-**

**NUTECH**

**NUTECH/SCM/EQP FOR MEDIA CELL-2019/TD-039**

# NATIONAL UNIVERSITY OF TECHNOLOGY

## TENDER NOTICE

National University of Technology (NUTECH)

### NUTECH/SCM/EQP FOR MEDIA CELL-2019/TD-039

Sealed bids are invited from Government / FBR Registered Firms for the procurement of Equipment's for media cell for NUTECH.

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 **11 March 2019**.
2. Quotations shall be submitted as per requirement of the tender documents.
- a. 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).
3. Sealed bids with detailed specification should reach on the following address latest by **1030 hours on 01 April 2019**. Late submission will not be entertained.
4. Bids will be opened at **1100 hours on 01 April 2019 at** SCM Office.
5. Project is to be completed in 15 days from the date of award of contract.
6. 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

#### INVITATION TO TENDER

**Submission Date/Time 01 April 2019** at 1030 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. Delivery period will be 15 days from the date of award of contract.
  - f. The firm should provide point to point acceptance of each clause of IT and special instructions attached with IT.
  - g. 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.
  - h. 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.

- i. 1 year warranty will be required from the successful bidders from the date of commissioning.
- j. 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/EQP FOR MEDIA CELL-2019/TD-039**

Date: **27-02-2019**

**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.	Camera	Full frame mirrorless camera with full professional kit including all accessories and having following specification <ul style="list-style-type: none"> <li>• 24.2MP 35-mm full-frame CMOS sensor with back-illuminated design</li> <li>• Sensitivity range upto ISO 51200 (Expandable to ISO 50-2048000 for stills)</li> <li>• Fast Hybrid AF (693 phase-detection and 425 contrast-detection AP points)</li> <li>• High-speed continuous shooting of up to 16fps with AF/AE tracking</li> <li>• 4K HDR3 movie recording capability</li> <li>• Battery life (STILL IMAGES) for upto 600 shots to 700 shots</li> </ul>	Japan	No	1				

		<ul style="list-style-type: none"> <li>• 1.3 cm color electronic Viewfinder and 2.95 inch wide type TFT monitor</li> </ul>						
2.	<b>Lens Compatible with the Camera</b>	<ul style="list-style-type: none"> <li>• 28-75mm f/2.8 lenses</li> <li>• Full-frame Format</li> <li>• Aperture Range: f/2 to f/22</li> <li>• Focal Length: 28 to 75mm</li> <li>• Aperture Max: f/2.8 &amp; Min: f/22</li> <li>• Format Compatibility: 35mm Film / Frame Digital Sensor</li> <li>• Angel of view: 75° 23' to 32° 11'</li> <li>• Min Focus Distance: 7.48" / 19 cm</li> </ul> <p>Magnification: 0.34 to 0.25 x Autofocus</p>	japan	No	1			
3.	<b>Drone Camera</b>	<ul style="list-style-type: none"> <li>• Professional Drone with mounted camera:-</li> </ul> <p><b><u>Drone</u></b></p> <ul style="list-style-type: none"> <li>• Max speed of 65 kph</li> <li>• Flight time min 30 mins</li> <li>• Hovering time min 25 min</li> <li>• Operating Temp 0 to 40 °C</li> <li>• GPS/GLONASS satellite position sys</li> </ul> <p><b><u>Integrated Camera</u></b></p> <ul style="list-style-type: none"> <li>• Camera of 1/2.3" (CMOS)</li> <li>• Effective pixels: 12.35M</li> <li>• Total Pixels: 12.71 M</li> <li>• FOV 78.8° 26mm (35 mm format equivalent f/2.2</li> <li>• Distortion &lt; 1.5%</li> <li>• Focus from 0.5 m to ∞</li> <li>• Supporting video formats of MP4, MOV (MPEG-4 AVC/H.264)</li> </ul> <p>Video Modes, C4K, 4K,2.7K, FHD</p>	Japan/ Europe	No	1			

		&HD						
4.	<b>Bi-Color Led Video Light with Remote control for color temperature and brightness</b>	<ul style="list-style-type: none"> <li>• Color temperature range from 3200K-5600K</li> <li>• Variable brightness</li> <li>• LCD Display</li> <li>• Adjustment light board:CRI97 + TLC + the light evenly disturbed</li> <li>• Adjustable diffuser</li> <li>• Video Portrait</li> <li>• AC adapter or V-mount battery or battery adapter</li> <li>• Shell must be durable such as Aluminum alloy with excellent heat dissipation</li> </ul> <p>Including LED panel light, AC adapter, adjust able diffuser, carry Bag and One-year warranty service.</p>	Japan/ Europe	No	1			
5.	<b>Gimbal Stabilizer compatible with the Camera</b>	<ul style="list-style-type: none"> <li>• Having various shooting modes</li> <li>• Paired with dual hand grip support</li> <li>• 5" HD Field Monitor</li> <li>• Wireless Control with Bracket</li> <li>• Smart phone swivel mount</li> <li>• 3-Axis: Yaw (Pan):360° Pitch (Tilt) :360° Roll:360°</li> </ul> <p>Camera Control technology to control mounted camera</p>	Japan/ Europe	No	1			
6.	<b>Tripod Stand compatible with the Camera</b>	<ul style="list-style-type: none"> <li>• Aluminum Alloy Travel Tripod Kit</li> <li>• Load Capacity: 17 lb</li> <li>• Max Height: 62"</li> <li>• Min Height: 15"</li> </ul> <p>Carrying case.</p>	Japan/ Europe	No	1			

## Special Instructions Equipment for Media Cell - NUTECH

Description	Bidder			Tech Scrutiny to be done by User		
	Yes	No	Alternate Offer	Accepted	Rejected	Reasons of Rejection
<b>Training &amp; Certification</b> a. Training & Certification of the IT Support Staff						
<b>Installation/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> a. 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. b. Suppliers to have in-country spares/Technical support and ensure spares and technical support/Assistance for next 2 years.						
<b>Warranty Period</b> a. 01 Years Comprehensive warranty for all items. b. 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 Notes</b> a. Supplier will provide a set of handouts for training on operation and maintenance of the software						
<b>Physical Inspection Criteria</b> <ul style="list-style-type: none"> <li>• 100% Physical inspection of store will be carried out before commissioning of the equipment for following details               <ul style="list-style-type: none"> <li>a. For physical damage, scratches and deformity.</li> <li>b. Accessories/ Components as per contractual Specifications</li> <li>c. Technical manuals (Operation manual, user guide).</li> <li>d. OEM certificate and verifiable documents by the supplier that store has been procured from the certified source and is factory new and from latest production.</li> <li>e. Brand name and country origin.</li> </ul> </li> </ul>						



<p><b>Liability of Supplier</b></p> <p>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.</p> <p>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</p>						
<p><b>Special Notes</b></p> <p>a. Additional requirements for the maintenance of equipment (if any) must be intimated by the supplier in technical offer.</p> <p>b. Supplier must provide the list of organizations using same equipment in Pakistan (if any).</p> <p>c. Equipment must be a standard product of OEM available at web Address of OEM.</p> <p>d. In case of premature failure of the equipment, OEM has to replace / rectify the item free of cost. Required transportation charges would be borne by the supplier.</p> <p>e. Manufacturer Authorization Form (MAF) in the name of NUTECH University by the Principal / OEM must be provided (Mandatory).</p> <p>f. <b>Contract will be awarded on package deal Basis.</b></p> <p>g. In technical proposal, all items must have the brand names, model number, manufacturer name, country of origin, manufacturer's warranty including parts with complete specs and brochures. Re-conditioned and re-furbished equipment shall not be acceptable.</p>						
<p><b>Publications</b></p> <ul style="list-style-type: none"> <li>• Operational manual Qty 01 with software and additional Qty 02 for record purpose and should consist of following sections <ul style="list-style-type: none"> <li>a. Description/Operation</li> <li>b. Servicing</li> <li>c. Maintenance Operations</li> <li>d. Removal / Installation procedure</li> <li>e. Trouble shooting guide</li> </ul> </li> </ul>						

Firm Name _____ Signature _____ Name _____ Designation _____
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**NATIONAL UNIVERSITY OF TECHNOLOGY**  
**SUPPLY CHAIN MANAGEMENT OFFICE**

**TECHNICAL OFFER**

**Annex B**

User Reference No **NUTECH/SCM/EQP FOR MEDIA CELL-2019/TD-039**

Date: **27-02-2019**

**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/EQP FOR MEDIA CELL-2019/TD-039** Date: **27-02-2019**

Ser	Items	Description	A/U	Qty Req	Unit Price (Rs) (excluding GST)	GST (If applicable)	Gross Unit Price (Rs)	Total amount for total qty (Rs)
1.	Camera	Full frame mirrorless camera with full professional kit including all accessories and having following specification <ul style="list-style-type: none"><li>• 24.2MP 35-mm full-frame CMOS sensor with back-illuminated design</li><li>• Sensitivity range upto ISO 51200 (Expandable to ISO 50-2048000 for stills)</li><li>• Fast Hybrid AF (693 phase-detection and 425 contrast-detection AP points)</li><li>• High-speed continuous shooting of up to 16fps with AF/AE tracking</li><li>• 4K HDR3 movie recording capability</li><li>• Battery life (STILL IMAGES) for</li></ul>	No	1				

		upto 600 shots to 700 shots • 1.3 cm color electronic Viewfinder and 2.95 inch wide type TFT monitor						
2.	<b>Lens Compatible with the Camera</b>	• 28-75mm f/2.8 lenses • Full-frame Format • Aperture Range: f/2 to f/22 • Focal Length: 28 to 75mm • Aperture Max: f/2.8 & Min: f/22 • Format Compatibility: 35mm Film / Frame Digital Sensor • Angel of view: 75° 23' to 32° 11' • Min Focus Distance: 7.48" / 19 cm Magnification: 0.34 to 0.25 x Autofocus	<b>No</b>	<b>1</b>				
3.	<b>Drone Camera</b>	• Professional Drone with mounted camera:- <u><b>Drone</b></u> • Max speed of 65 kph • Flight time min 30 mins • Hovering time min 25 min • Operating Temp 0 to 40 °C • GPS/GLONASS satellite position sys <u><b>Integrated Camera</b></u> • Camera of 1/2.3" (CMOS) • Effective pixels: 12.35M • Total Pixels: 12.71 M • FOV 78.8° 26mm (35 mm format equivalent f/2.2 • Distortion < 1.5% • Focus from 0.5 m to ∞ • Supporting video formats of	<b>No</b>	<b>1</b>				

		<p>MP4, MOV (MPEG-4 AVC/H.264)</p> <p>Video Modes, C4K, 4K, 2.7K, FHD &amp; HD</p>						
4.	<p><b>Bi-Color Led Video Light with Remote control for color temperature and brightness</b></p>	<ul style="list-style-type: none"> <li>• Color temperature range from 3200K-5600K</li> <li>• Variable brightness</li> <li>• LCD Display</li> <li>• Adjustment light board: CRI97 + TLC + the light evenly distributed</li> <li>• Adjustable diffuser</li> <li>• Video Portrait</li> <li>• AC adapter or V-mount battery or battery adapter</li> <li>• Shell must be durable such as Aluminum alloy with excellent heat dissipation</li> </ul> <p>Including LED panel light, AC adapter, adjustable diffuser, carry Bag and One-year warranty service.</p>	<b>No</b>	1				
5.	<p><b>Gimbal Stabilizer compatible with the Camera</b></p>	<ul style="list-style-type: none"> <li>• Having various shooting modes</li> <li>• Paired with dual hand grip support</li> <li>• 5" HD Field Monitor</li> <li>• Wireless Control with Bracket</li> <li>• Smart phone swivel mount</li> <li>• 3-Axis: Yaw (Pan): 360° Pitch (Tilt) : 360° Roll: 360°</li> </ul> <p>Camera Control technology to control mounted camera</p>	<b>No</b>	1				
6.	<p><b>Tripod Stand compatible with the</b></p>	<ul style="list-style-type: none"> <li>• Aluminum Alloy Travel Tripod Kit</li> </ul>	<b>No</b>	1				

	<b>Camera</b>	<ul style="list-style-type: none"> <li>• Load Capacity: 17 lb</li> <li>• Max Height: 62"</li> <li>• Min Height: 15"</li> </ul> Carrying case.						
	<b>Total</b>							

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

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

\*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 _____
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