



**National Institute of Technology, Nagaland, Chumukedima,
Dimapur, Nagaland-797103**

INVITATION LETTER

Package Code: TEQIP-III/nitr/58
Package Name: WORKSTATION

Current Date: 19-July-2019
Method: Shopping Goods

Sub: INVITATION LETTER FOR WORKSTATION

Sir/Madam,

1. You are invited to submit your most competitive Sealed Quotations for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	WORKSTATION (Detailed specifications given at Annexure I)	2	NIT Nagaland	YES

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. Quotation

- 3.1 The contract shall be for the full quantity as described above.
- 3.2 Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
- 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price
- 3.4 Applicable taxes shall be quoted separately for all items.
- 3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 3.6 The Prices should be quoted in Indian Rupees only. Goods/Equipments should be brand new.

TEQIP-III Project Coordinator
National Institute of Technology Nagaland
Dimapur -797103, Nagaland

4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than **60** days after the last date of quotation submission.
6. Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
 - 6.1 are properly signed; and
 - 6.2 Confirm to the terms and conditions, and specifications.
7. The Quotations would be evaluated for all items together
8. Award of contract: The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
 - 8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
 - 8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
9. Payment shall be made in Indian Rupees as follows:

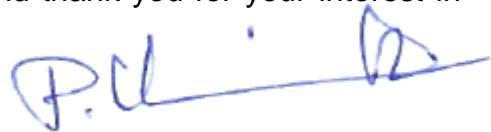
Delivery and Installation - 90% of total cost
Satisfactory Acceptance - 10% of total cost
10. Liquidated Damages will be applied:
 - Liquidated Damages Per Day Min % : 0
 - Liquidated Damages Max % : 0
11. All supplied items are under warranty of **Twelve (12)** months from the date of successful acceptance of items.
12. You are requested to provide your offer latest by **12:00** hours on **02-Aug-2019**.
13. Detailed specifications of the items are at Annexure I.
14. Training Clause (if any) **Yes**
15. Testing/Installation Clause (if any) **Yes**
16. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly Indicating the model quoted for
17. The tender document shall be submitted/delivered in a sealed envelope bearing the following reference on the top left corner: **Package Code: TEQIP-III/nitn/58**
Dated: 19-07-2019 latest by **12:00** hours on **02-Aug-2019** and addressed to:
The Registrar, National Institute of Technology, Nagaland, Chumukedima, Dimapur, Nagaland-797103.



TEQIP-III Project Coordinator
National Institute of Technology Nagaland
Dimapur -797103, Nagaland

18. The bidder should furnish the certificate of GST registration, PAN, and IT Returns of last three years.
19. The Bidder should have experience of executing at least 1 (One) Purchase Order of Equipment/Machines from any IITs /NITs/ Central Govt. Institutions or Educational & Research Institutions of National Repute.
20. Vendors should clearly state the available nearest after sales service facilities in the region, without which their offers will be rejected.
21. The bidder should be the manufacturer or authorised dealer and, in such case, the certificate of dealership from the manufacturer should be produced.
22. **Performance Bank Guarantee (PBG):** The supplier shall furnish an unconditional PBG for 5% of the Purchase Order value for a period of one year from a scheduled Bank of India, within 21 days from the date of delivery and installation of the work. Where the PBG is obtained by a foreign bank, it shall be got confirmed by a Schedule Indian bank and shall be governed by Indian Laws and be subject to the jurisdiction of courts at Dimapur. The PBG shall guarantee that,
 - a) The Vendor guarantees satisfactory operation of the Equipment & components against poor workmanship, bad quality of materials used, faulty designs and poor performance.
 - b) The Vendor shall, at his own cost, rectify the defects/replace the items supplied, for defects identified during the period of guarantee.
23. The bidder should produce Audited statement of accounts for the last 3 years.
24. **Disputes and Jurisdiction:** Any legal dispute arising out of any breach of contract pertaining to this order shall be settled in the court of competent jurisdiction located within Dimapur in Nagaland.
25. **All the supporting documents should be attached with the quotation, without which the tender will be completed rejected.**
26. The Institute reserves the right to accept in part or in full any quotation(s) or reject any or more quotation(s) without assigning any reason or to cancel the tendering process and reject all quotation(s) at any time prior to award of contract, without incurring any liability, whatsoever to the affected bidder or bidder(s).

We look forward to receiving your quotation and thank you for your interest in this project.



TEQIP-III COORDINATOR
19-07-2019

TEQIP-III Project Coordinator
National Institute of Technology Nagaland
Dimapur -797103, Nagaland

Annexure I

Sr. No	Item Name	Qty	Specifications																																
1.	Workstation	2	Processor: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>CPU Cores</td><td style="text-align: center;">32</td></tr> <tr><td>Threads</td><td style="text-align: center;">64</td></tr> <tr><td>Base Clock</td><td style="text-align: center;">3GHz</td></tr> <tr><td>Max Boost Clock</td><td style="text-align: center;">4.2GHz</td></tr> <tr><td>L1 Cache</td><td style="text-align: center;">3MB</td></tr> <tr><td>L2 Cache</td><td style="text-align: center;">16MB</td></tr> <tr><td>L3 Cache</td><td style="text-align: center;">64MB</td></tr> <tr><td>Desktop Unlocked</td><td style="text-align: center;">Yes</td></tr> <tr><td>CMOS</td><td style="text-align: center;">12nm</td></tr> <tr><td>Thermal Solution</td><td style="text-align: center;">Preferable external</td></tr> <tr><td>Default TDP</td><td style="text-align: center;">250W</td></tr> <tr><td>Max Temps</td><td style="text-align: center;">68°C</td></tr> <tr><td colspan="2">Equivalent or better.</td></tr> </table>	CPU Cores	32	Threads	64	Base Clock	3GHz	Max Boost Clock	4.2GHz	L1 Cache	3MB	L2 Cache	16MB	L3 Cache	64MB	Desktop Unlocked	Yes	CMOS	12nm	Thermal Solution	Preferable external	Default TDP	250W	Max Temps	68°C	Equivalent or better.							
CPU Cores			32																																
Threads			64																																
Base Clock			3GHz																																
Max Boost Clock			4.2GHz																																
L1 Cache			3MB																																
L2 Cache			16MB																																
L3 Cache			64MB																																
Desktop Unlocked			Yes																																
CMOS			12nm																																
Thermal Solution			Preferable external																																
Default TDP			250W																																
Max Temps			68°C																																
Equivalent or better.																																			
			Cooling System: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Cooling Warranty</td><td style="text-align: center;">Five years</td></tr> <tr><td>Cold Plate Material</td><td style="text-align: center;">Copper</td></tr> <tr><td>Radiator Material</td><td style="text-align: center;">Aluminium</td></tr> <tr><td>PWM</td><td style="text-align: center;">Yes</td></tr> <tr><td>Radiator Dimensions</td><td style="text-align: center;">277mm x 120mm x 27mm</td></tr> <tr><td>Fan Dimensions</td><td style="text-align: center;">120mm x 25mm</td></tr> <tr><td>Fan Speed</td><td style="text-align: center;">2200 RPM</td></tr> <tr><td>Number of Fans</td><td style="text-align: center;">2</td></tr> <tr><td>Cooling Socket Support</td><td style="text-align: center;">Intel 115x Intel 2011/2066 AMD AM3/AM2 AMD AM4 AMD TR4</td></tr> <tr><td>Lighting</td><td style="text-align: center;">RGB or changeable</td></tr> <tr><td>Radiator Size 240mm</td><td></td></tr> <tr><td>Fan Model</td><td style="text-align: center;">LL Series</td></tr> <tr><td>Fan Airflow</td><td style="text-align: center;">63 CFM</td></tr> <tr><td>Noise Level</td><td style="text-align: center;">36 dBA</td></tr> <tr><td>Fan Static Pressure</td><td style="text-align: center;">3.0 mm-H2O</td></tr> </table>	Cooling Warranty	Five years	Cold Plate Material	Copper	Radiator Material	Aluminium	PWM	Yes	Radiator Dimensions	277mm x 120mm x 27mm	Fan Dimensions	120mm x 25mm	Fan Speed	2200 RPM	Number of Fans	2	Cooling Socket Support	Intel 115x Intel 2011/2066 AMD AM3/AM2 AMD AM4 AMD TR4	Lighting	RGB or changeable	Radiator Size 240mm		Fan Model	LL Series	Fan Airflow	63 CFM	Noise Level	36 dBA	Fan Static Pressure	3.0 mm-H2O		
Cooling Warranty			Five years																																
Cold Plate Material			Copper																																
Radiator Material			Aluminium																																
PWM			Yes																																
Radiator Dimensions			277mm x 120mm x 27mm																																
Fan Dimensions			120mm x 25mm																																
Fan Speed			2200 RPM																																
Number of Fans			2																																
Cooling Socket Support			Intel 115x Intel 2011/2066 AMD AM3/AM2 AMD AM4 AMD TR4																																
Lighting			RGB or changeable																																
Radiator Size 240mm																																			
Fan Model			LL Series																																
Fan Airflow			63 CFM																																
Noise Level			36 dBA																																
Fan Static Pressure			3.0 mm-H2O																																
			<p>Mother board should have all the feature of the following spec</p> <p>CPU support: AMD SocketTR4 for 1st and 2nd Gen AMD Ryzen™ Threadripper™ Processors, Supports CPU up to 32 cores</p> <p>Chipset: AMD X399</p> <p>Memory: 8xDIMM, Max.128GB</p>																																

P. C.

		<p>DDR4:3600 (O.C.) / 3466(O.C.) / 3200(O.C.) / 3000(O.C.) / 2933(O.C.) / 2800(O.C.) / 2666 /2400/2133 MHz ECC and non-ECC, Un-buffered Memory *1, Quad Channel Memory Architecture</p> <p>Multi-GPU Support: AMD Ryzen™ 2nd Generation/Ryzen™ 1st Generation Processors, Supports NVIDIA® 3-Way SLI™ Technology, Supports AMD 3-Way CrossFireX™ Technology</p> <p>Expansion Slots:4 x PCIe 3.0 x16 (x16, x16/x16, x16/x8/x16, x16/x8/x16/x8), AMD X399 chipset, 1 x PCIe 3.0 x4</p> <p>Storage: 2 x M.2 Socket 3, with M Key design, type 2242/2260/2280/22110 storage devices support (Supports both SATA & PCIE SSD) 1 x M.2 Socket 3, with M key, type 2242/2260/2280 storage devices support (PCIE 3.0 x 4 mode)*2, AMD X399 chipset, 8 x SATA 6Gb/s port(s), Support Raid 0, 1, 10</p> <p>Networking support: 10Gigabit, Anti-surge LAN Guard, Wi-Fi 802.11 a/b/g/n/ac, dual band frequency 2.4/5 GHz, Supports MU-MIMO, Supports channel bandwidth: HT20/HT40/HT80/HT160. Up to 1.73Gbps transfer speed</p> <p>Bluetooth: Bluetooth ® 5.0</p> <p>Audio: 8-Channel High Definition Audio CODEC Supports Jack-detection, Multi-streaming, Front Panel Jack-retasking, High quality 120 dB SNR stereo playback output 113 dB SNR recording input</p> <p>Feature:</p> <ul style="list-style-type: none"> - Optical S/PDIF out port(s) at back panel - LED-illuminated design - Brighten up your build with the gorgeous illuminated audio trace path. - Sonic Radar III - Sonic Studio III + Sonic Studio Link <p>USB Ports: 8 x USB 3.1 Gen 1 port(s) (8 at back panel, blue), 1 x USB 3.1 Gen 2 front panel connector port(s), 4 x USB 3.1 Gen 1 port(s) (4 at mid-board), 4 x USB 2.0 port(s) 2 x USB 3.1 Gen 2 port(s) (2 at back panel, red, Type-A), 2 x USB 3.1 Gen 2 port(s) (2 at back panel, , Type-A + USB Type-CTM)</p> <p>Back I/O Ports can have the following</p> <ul style="list-style-type: none"> • 1 x LAN (RJ45) port(s)
--	--	---

P. C. ...

		<ul style="list-style-type: none"> • 1 x USB 3.1 Gen 2 (black)TypeC • 3 x USB 3.1 Gen 2 (red)Type-A • 8 x USB 3.1 Gen 1 (blue) • 1 x Optical S/PDIF out • 1 x Clear CMOS button(s) • 1 x USB BIOS Flashback Button(s) • 1 x Wi-Fi module (Wi-Fi 802.11 a/b/g/n/ac and Bluetooth v5.0) • 5 x LED-illuminated audio jacks • 1 x 10G LAN port <p>Internal I/O Ports should have the following</p> <ul style="list-style-type: none"> • 1 x WB_SENSOR • 2 x Addressable Strip Header(s) • 2 x RGB Strip Headers • 2 x USB 3.1 Gen 1(up to 5Gbps) connector(s) support(s) additional 4 USB 3.1 Gen 1 port(s) • 2 x USB 2.0 connector(s) support(s) additional 2 USB 2.0 port(s) • 1 x M.2 Socket 3 with M key, type 2242/2260/2280 storage devices support (PCIE 3.0 x 4 mode) • 8 x SATA 6Gb/s connector(s) • 1 x CPU Fan connector(s) • 1 x CPU OPT Fan connector(s) • 2 x Chassis Fan connector(s) • 1 x H_AMP fan connector • 1 x W_PUMP+ connector • 2 x 8-pin EATX 8 V Power connector • 1 x 24-pin EATX Power connector(s) • 1 x Front panel audio connector(s) (AAFP) • 1 x Slow Mode switch(es) • 7 x Probelts Measurement Points • 2 x Thermal sensor connector(s) • 1 x EZ Plug connector(s) (4-pin Molex power connector) • 1 x Reset button(s) • 1 x BIOS Switch button(s) • 1 x Node Connector(s) • 1 x LN2 Mode jumper(s) • 1 x Safe Boot button • 1 x ReTry button • 1 x 14-1 pin TPM connector • 1 x Slow Mode jumper(s) • 1 x System panel connector • 1 x W_IN header • 1 x W_OUT header • 1 x W_FLOW header
--	--	---

P. C.

- 1 x Start button
- 1 x USB 3.1 Gen 2 front panel connector
- 1 x DIMM.2 Slot supports 2 M.2 drives (2242-22110)
- 1 x RSVD Switch
- 1 x 4-Pin HS fan connector

Accessories should be supplied

- User's manual
- 6 x SATA 6Gb/s cable(s)
- 1 x 2T2R dual band Wi-Fi moving antennas (Wi-Fi 802.11a/b/g/n/ac compliant)
- 1 x Fan Extension Card II (6 x 4-pin Chassis Fan connectors, 3 x RGB headers, 3 x 2-pin Thermal sensor header)
- 1 x Fan Extension Card II power cable
- 1 x Fan Extension Card II NODE connector cable
- 1 x Fan Extension Card II screw package
- 1 x SLI HB BRIDGE(2-WAY-M)
- 1 x ROG big sticker
- 1 x Q-Connector
- 1 x M.2 screw kit (long screw and mount)
- 2 x M.2 screw kit (short screw and mount)
- 1 x DIMM.2 extension card with 2 x M key, type 2242/2260/2280/22110 storage devices support (SATA & PCIE 3.0 x 4 mode)
- 1 x Extension Cable for RGB strips (80 cm)
- 1 x Extension cable for Addressable LED
- 3 x Thermistor cable(s)
- 1 x USB drive with utilities and drivers
- 1 x ROG coaster(s)
- 1 x ROG weave SATA 6G cable
- 1 x ROG Thank you card

BIOS: 2 x 128 Mb Flash ROM, UEFI AMI BIOS, PnP, WfM2.0, SM BIOS 3.0, ACPI 6.1

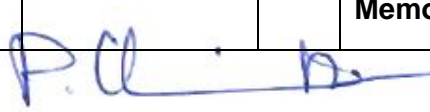
Manageability: WOL, PXE

Operating System: Windows® 10 64-bit supported


Form Factor: Extended ATX Form Factor (30.5 cm x 27.7 cm (12 x 10.9) or higher

-----**Mother Board spec completed** -----

Memory: - 4 No's



			<table border="1"> <tr> <td>Memory Type</td> <td>DDR4</td> </tr> <tr> <td>Capacity</td> <td>16GB (16GBx1)</td> </tr> <tr> <td>Multi-Channel Kit</td> <td>Single Channel Kit</td> </tr> <tr> <td>Tested Speed</td> <td>3000 MHz or more</td> </tr> <tr> <td>Tested Latency</td> <td>16-16-16-35</td> </tr> <tr> <td>Tested Voltage</td> <td>1.35 V</td> </tr> <tr> <td>Registered/Unbuffered</td> <td>Unbuffered</td> </tr> <tr> <td>Error Checking</td> <td>Non-ECC</td> </tr> <tr> <td>SPD Speed</td> <td>2133MHz</td> </tr> <tr> <td>SPD Voltage</td> <td>1.20 v</td> </tr> <tr> <td>Fan Included</td> <td>No</td> </tr> <tr> <td>Height</td> <td>42 mm / 1.65 inch</td> </tr> <tr> <td>Features</td> <td>Intel XMP 2.0 (Extreme Memory Profile) Ready</td> </tr> <tr> <td>Additional Notes</td> <td>Rated XMP frequency & stability depends on MB & CPU capability.</td> </tr> </table> <p>Storage (OS): 1TB M.2 NVME INTERNAL SSD, equivalent or better.</p> <p>Storage (Secondary): 2 No's of DESKTOP HARD DRIVE 1TB, equivalent or better.</p> <p>Graphics Card: 2 No's of GEFORCE RTX 2080 TI AMP 11GB GDDR6 352-BIT GAMING GRAPHICS CARD, ACTIVE FAN CONTROL, METAL BACKPLATE, SPECTRA LIGHTING, equivalent or better.</p> <p>Power Supply: SMPS - 1300 Watt 80 Plus Platinum Certification Fully Modular PSU with Active PFC, equivalent or better.</p> <p>Monitor: 24 Inch Monitor (5ms Response Time, 4K UHD IPS Panel, HDMI, DisplayPort), equivalent or better.</p> <p>Cabinet (Case): FULL TOWER CABINET - WITH TRANSPARENT SIDE PANEL (BLACK), equivalent or better.</p> <p>Other Peripherals: Mouse, Keyboard, Optical disk drive, etc.</p> <p>OS Support: Windows 10 - 64-Bit Edition</p>	Memory Type	DDR4	Capacity	16GB (16GBx1)	Multi-Channel Kit	Single Channel Kit	Tested Speed	3000 MHz or more	Tested Latency	16-16-16-35	Tested Voltage	1.35 V	Registered/Unbuffered	Unbuffered	Error Checking	Non-ECC	SPD Speed	2133MHz	SPD Voltage	1.20 v	Fan Included	No	Height	42 mm / 1.65 inch	Features	Intel XMP 2.0 (Extreme Memory Profile) Ready	Additional Notes	Rated XMP frequency & stability depends on MB & CPU capability.
Memory Type	DDR4																														
Capacity	16GB (16GBx1)																														
Multi-Channel Kit	Single Channel Kit																														
Tested Speed	3000 MHz or more																														
Tested Latency	16-16-16-35																														
Tested Voltage	1.35 V																														
Registered/Unbuffered	Unbuffered																														
Error Checking	Non-ECC																														
SPD Speed	2133MHz																														
SPD Voltage	1.20 v																														
Fan Included	No																														
Height	42 mm / 1.65 inch																														
Features	Intel XMP 2.0 (Extreme Memory Profile) Ready																														
Additional Notes	Rated XMP frequency & stability depends on MB & CPU capability.																														


 P. O. B.
 TEQIP-III Project Coordinator
 National Institute of Technology Nagaland
 Dimapur -797103, Nagaland

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To: _____

Sl. No.	Description of goods \ (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of _____ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.


We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____


TEQIP-III Project Coordinator
National Institute of Technology Nagaland
Dimapur -797103, Nagaland