

**MUZAFFARPUR INSTITUTE OF TECHNOLOGY,**  
**MUZAFFARPUR, BIHAR – 842003**  
(Department of Science & Technology, Govt. Of Bihar)



Reference No. 02

Date: 01.01.2019

**ADDENDUM**

**Subject: Modification in Package 3: Computational Fluid flow Lab & Computational Heat Transfer Lab**


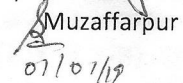
With reference to the letter number **NIT No. 02/2018-19/DST/MIT-M** dated 22<sup>nd</sup> December 2018, it is hereby notified for general information that changes are made in **“PACKAGE 3: Computational Fluid flow Lab & Computational Heat Transfer Lab”** in section 3.3 on page no. 15 of the Request for Proposal document. Software are proprietary items and hence all software must be separated as an individual item so, ANSYS and MATLAB software packages are removed from the Product List. The updated Package 3 should be read as

S No.	Product	Quantity	Specification
1	Computer,	40	Intel® Core™ i7, 8700 Processor with Intel® HD Graphics 630(3.6 GHz, up to 4.2 GHz with Intel®Turbo Boost, 8MB Cache, 4 cores)Preloaded Win 10 Pro 64 Bit, 8 GB, DDR 4-2400 SDRAM(1 X 8 GB), NVIDIA GeForce®GT 730(2GB), 1 TB 7200 rpm SATA, DVD-W/R 18.5 Inch Monitor, Optical Mouse, Keyboard Intel Ethernet I210-T1 PCIe x 1 USB Type-C™; 2 USB 3.1 Gen 1; 1 Headset connector 2 full height PCIe x 16 one wired as x4; 1 M.2 2230 for optional wireless NIC, 1 M.2 2280 for storage drivers, 1RJ-45; USB 2.0; 1 audio in; audio out; 4 usb 3.1 Gen 1; 2 display Port™ ; VGA.

2	UPS-10 KVA with Battery and stand ,Back up 90 Min.	2	<p>GENERIC-Rating in KVA (KVA)-10.0 KVA, Technology-IGBT-PWM with inbuilt isolation Input Power-single phase 160V - 260V,Output power- Single phase 230V +/- 1% sine wave 50 Hz, Backup time (Minutes)-90,Minimum VAH (VAH)-24000.02,Warranty for UPS (Years)-2,Movable trolley for Batteries-With, Warranty for battery-2,Degree of Protection-IP21,Cabling 5 meters for input and output-With, Paralleling kit for synchronising-With, Installation and Commissioning-Yes, Minimum thickness of M. S. Sheet Enclosure duly painted (mm)-1.2,CONSTRUCTIONAL-Type of Battery-SMF-VRLA conforming to, FUNCTIONAL-Maximum overshoot and Under shoot of output rated voltage-4,Voltage Regulation -&lt; / = 3%,20% Overload limit for minimum 10 minutes-Yes, Overall Efficiency (%)&gt; / =90%,Total Harmonic Distortion(THD) (%)&gt; / =3%,50% Overload limit for minimum 1 minutes-Yes, PROTECTION-Protection for under voltage at battery terminal at 10.5V per 12 V-Yes, Protection of Over voltage, Short Circuit&amp; over load at UPS output -Yes, METERING AND INDICATIONS-Digital Metering in UPS for AC Input Voltage Output AC Voltage, Current, Frequency, Battery, Voltage and Current-Yes, Indicators for mains presence, Battery charging and discharging, Output Over Load, Low Battery Voltage-Yes</p>
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The other terms & condition contained in the Principal Request For Proposal shall remain intact.

This issues with the approval of the Competent Authority.

  
 Principal  
 Muzaffarpur Institute of Technology  
 Muzaffarpur  
  
 07/07/19