

ANNEXURE 'A'

Sl. No.	Item Description	Qty	Consignee & Destination
1.	<p><u>Industrial CPU specifications.</u></p> <p>1. Operating temperature range of industrial PC should be 0°C to +60°C and storage temperature should be -10°C to +80°C.</p> <p>2. Processor of Intel core 3.4G 8M 1151P 4 Core I7-6700.</p> <p>3. DDR4 RAM 8 GB and can extendable upto 16GB.</p> <p>4. Hard disk SSD 512GB and can extendable upto 1TB.</p> <p>5. Full length PCI card slots should be minimum 6-nos and it suits for following dimensions of PCI cards also.</p> <p>5 a) 1747mm(L)X106 mm(H) X19 mm(W).</p> <p>5 b) 1750mm(L) × 99mm.</p> <p>6. PCI express slots should be minimum. PCIeX16 - 2nos, PCIeX8 - 2nos, PCIeX4-2nos, PCIeX1 -2nos.</p> <p>7. Graphics card minimum 2GB.</p> <p>8. Serial ports RS232-minimum 4nos.</p> <p>9. USB ports -minimum 6 nos.</p> <p>10. Video output connector should be VGA and HDMI options.</p> <p>11. Ethernet slot -2nos and inbuilt Wi-Fi module-1no.</p> <p>12. DVD writer-1no.</p> <p>13. Licenses and preloaded Win10 IoT 64 bit OS, Ent LTSC 2016 with original software ,recovery CD and supporting software's in CD.</p> <p>14. Preloaded the antivirus software.</p> <p>15. Supplier should be minimum 20 years old company and valid dealership certificate should be available during and beyond warranty periods.</p> <p>16. Warranty periods should be three years periods and the vendor should provide a warranty certificate from the manufacturer wherever applicable.</p> <p>17. All the hardware parts should be available a minimum of 10 years period of time.</p> <p>18. The necessary certificate for after-sale service during and beyond the warranty period for CPU.</p> <p>19. Any charges toward the transportation of men and materials(to/from the site) during the warranty period should be the responsibility of the vendor.</p> <p>20. Delivery of these items in IIA, Koramangala, Bangalore.</p>	01 No.	Indian Institute of Astrophysics, 2nd Block, Koramangala, Bengaluru - 560034

2	<p><u>Industrial CPU and Monitor specifications.</u></p> <ol style="list-style-type: none"> 1. Operating temperature range of industrial PC should be -20°C to +60°C and storage temperature should be -40°C to +80°C. Relative Humidity 90%@40°C. Vendor should provide the valid test certificate about the performances of CPU. 2. Processor of Intel core 3.4G 8M 1151P 4 Core I7-6700. 3. DDR4 RAM SODIMM 2133 8 GB I-Grade (-40-85°C) and can extendable upto 16GB. 4. Hard disk SQF 2.5" SSD 640 512GB MLC (-40~85°C) and can extendable upto 1TB. 5. Full length PCI card slots should be minimum 6-nos and it suits for following dimensions of PCI cards also. <ol style="list-style-type: none"> 5 a) 1747mm(L)X106 mm(H) X19 mm(W). 5 b) 1750mm(L) × 99mm. 6. PCI express slots should be minimum. PCIeX16 -2nos, PCIeX8 – 2nos, PCIeX4-12os PCIeX1 -2nos. 7. Graphics minimum 2GB. 8. Serial ports RS232-minimum 4nos. 9. USB ports -minimum 6 nos. 10. Video output connector should be VGA and HDMI options. 11. Ethernet slot -2nos and inbuilt WiFi module-1no. 12. Modules Accessories ASSY AMO-R026 A1-01 2 x PCIe*8 Riser AR. 13. Adapter Power Supply ADP A/D 100-240V 120W 19V C14 . 14. DVD writer-1no. 15. Licenses and preloaded Win10 IoT 64 bit OS, Ent LTSC 2016 with original software ,recovery CD& supporting softwares in CD. 16. Preloaded antivirus software. 17. Supplier should be minimum 20 years old company and valid dealership certificate should be available during and beyond warranty periods. 18. Warranty periods should be three years periods and the vendor should provide a warranty certificate from the manufacturer wherever applicable. 19. The necessary certificate for after-sale service during and beyond the warranty period for CPU. 20. Any charges toward the transportation of men and materials (to/from the site) during the warranty period should be the responsibility of the vendor. 21. 18.5 inch wide screen monitor – 1No. 22. Keyboard and mouse – 1No. 23. Delivery of these items in IIA, Koramangala, Bangalore. 	01 No.	
<p><u>Inco Terms:</u> Free door delivery at IIA, 2nd Block, Koramangala, Bengaluru – 560034.</p> <p><u>GST:</u> GST @ 5%. IIA will issue Concessional Certificate as per Notification No.47/2017.</p> <p><u>Payment Terms:</u> 100% payment within 30 days on receipt of the items / inspection and satisfactory acceptance by the indenting officer at site.</p>			