# *ANNEX II + III:* TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

**Contract title: SUPPLY OF COMPUTER EQUIPMENT/GOODS** required for the project titled "Promoting Creative Tourism through new Experiential Sustainable routes" (acronym: CREATURES), financed from EU Interreg ADRION Adriatic-Ionian programme and European Regional Development Fund - Instrument for Pre-Accession II Fund

 **Publication reference:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Columns 1-2 should be completed by the contracting authority**

**Columns 3-4 should be completed by the tenderer**

**Column 5 is reserved for the evaluation committee**

 Annex III - the contractor's technical offer

 The tenderers are requested to complete the template on the next pages:

* Column 2 is completed by the contracting authority shows the required specifications (not to be modified by the tenderer),
* Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)
* Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offeredspecifications.

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| **1.****Item no.** | **2.****Specifications required** | **3.****Specifications offered** | **4.****Notes, remarks,****ref to documentation** | **5.****Evaluation committee’s notes** |
| 1.  | **Laptop - Brand name, 2 pieces*** **CPU:** processor with min 6 cores, min 12 threads, min base frequency of 2.6 GHz, with max turbo frequency of min 5 GHz and min 12 MB cache memory with support for max 128 GB DDR4-2933 memory that has min average value of 12.500 points based on benchmark characteristics on day March 26, 2021 (<https://www.cpubenchmark.net/high_end_cpus.html>);
* **Graphic card**: of min work frequency 1400 MHz, max dynamic frequency of min 1590 MHz, 4GB graphic memory, supported DirectX 12.1, OpenGL 4.6, supported resolution of minimum 7680x4320@120Hz;
* **RAM:** min. 16GB DDR4 - 8GB onboard + 8GBx1 SODIMM;
* **Hard drive:** min. 1TB M.2 PCIe NVMe Solid State Drive;
* **Screen:** 15.6-inch FHD (1920 x 1080) LED-Backlit Touch Narrow Border Display;
* **Screen resolution:** Minimum FullHD (1920x1080);
* **Operating system:** Windows 10;
* **Battery:** Min. 6-cell battery, min 95Wh;
* **Ports**: Minimum Micro SD Card Reader, 2x USB 3.2 Gen 1, Headphone/Microphone Combination Jack, HDMI, USB 3.2 Gen 1 Type-C (DP/PowerDelivery);
* **Camera**: Min. 720p camera**;**
* **Keyboard:** BH layout, standard with backlight and ambient light sensor, integrated touch ID sensor;
* **Network card:** Wifi, Bluetooth;
* **Weight:** Maximum 1.9 kg;
* **Warranty:** Minimum 2 years

**Notice:** Brand name indicates that computers must be manufactured by recognized manufacturers (eg, Lenovo, HP, Dell, Microsoft, or equivalent). |  |  |  |
| **2.**  | **Laptop - Brand name, 2 pieces*** **Processor:** with min 2 cores, min 4 threads, min base frequency of 2.10 GHz, with max turbo frequency of min 3.9 GHz and min 4MB cache memory with support of max 64 GB DDR4-2400 memory that has min average value of 3.650 points based on benchmark characteristics on day March 26, 2021 (<https://www.cpubenchmark.net/high_end_cpus.html>);
* **RAM:** min 16GB DDR4;
* **Hard drive:** min 500GB SSD;
* **Graphic card**: of min work frequency 300 MHz, max dynamic frequency of min 1.10GHz, supported DirectX 12, OpeeenGL 4.5, supported resolution HDMI 4096 x 2304@24Hz and DP 4096 x 2304@60Hz;
* **Screen:** 15 inch, min resolution 1920x1080;
* **Ports**: HDMI, LAN, USB 3.1, USB 2.0, Audio, SD card reader;
* **Connectivity:** LAN, Bluetooth, WiFi;
* **Operating system:** Windows 10;
* **Weight:** 2.5 kg max;
* **Warranty:** Min 2 years

**Notice:** Brand name indicates that computers must be manufactured by recognized manufacturers (eg, Lenovo, HP, Dell, Microsoft, or equivalent). |  |  |  |
| **3.**  | **Multifunction device laser color printer/scanner/copier/fax, 1 piece*** **Functions:** Print, copy, scan, fax;
* **Work memory:** Min 256MB;
* **Connectivity:** 1 Hi-Speed USB 2.0; 1 Host USB; 1 Gigabit 10/100/1000T Ethernet; 2 RJ-11;
* **Paper trays:** Minimum 2
* **Black print speed:** Min 31 pages per minute;
* **Colour print speed:** Min 31 pages per minute;
* **Two-sided print:** Automatic;
* **First page print:** Max 11 seconds;
* **Recommended monthly page volume:**  up to 75.000 pages;
* **Print technology:** Laser;
* **Black print resolution:** Min. 600 x 600 dpi;
* **Color print resolution:** Min. 600 x 600 dpi;
* **Cartridges:** 4 (1 each black, cyan, magenta, yellow);
* **Screen:** Min. 3.5" (8.89 cm) touchscreen, LCD (color graphics);
* **Scanner type:** ADF – flat automatic document feeder;
* **Scan resolution**: Min. 600 dpi;
* **Two-sided scan:** Yes, automatic;
* **Scan transfer**: Scan to e-mail, send to FTP, send SMB, local adress-book, SMTP through SSL/TLS;
* **Supported formats**: PDF, JPEG, TIFF;
* **Copy:** Copy speed – minimum 25 copies in a minute; Copy resolution (black text) – min 600x600 dpi

Copy settings Reduce / Enlarge: 25-400%, Maximum number of copies: up to 999 copies;* **Warranty:** minimum 1 year
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