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**ERASMUS +**

**HIGHER EDUCATION CAPACITY BUILDING**

**Erasmus+ Project**

**Crisis and Risks Engineering for Transport Services**

**(CRENG)**

**Annexes to Invitation to Tender for Equipment Procurement**

**(Ukraine)**

**# CRENG/25.05/2020/UA**

Prepared by:

EXOLAUNCH GmbH

Address: Reuchlin Str. 10, 10553 Berlin, Germany

Email: [info@ecm-academy.de](mailto:info@ecm-academy.de)

Website:  
<https://ecm-academy.de/index.php/en/>

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# Annex 1: Company Information Sheet

# CRENG/25.05/2020/UA “Invitation to Tender for Equipment Procurement (Ukraine)”

*Please, fill in all fields.*

|  |  |  |
| --- | --- | --- |
| **Bidderʼs Information** | | |
| **Company legal name** |  |
| **Company legal address** |  |
| **Company authorized representative**  (name, address, telephone number(s), fax number(s) and  e-mail address) |  |
| **Attached are copies of the following documents:**   * A photocopy of the trade name registration papers | |

# Annex 2: Equipment Description

# CRENG/25.05/2020/UA “Invitation to Tender for Equipment Procurement (Ukraine)”

*Please, fill in all fields.*

|  |  |  |
| --- | --- | --- |
| **The table of equipment required** | | |
| **#1C** | ***Workstation*** | ***1 pcs*** |
|  | **Model (full name):** | |
|  | **Manufacturer (full name):** | |
|  | **Provided technical documentation name or reference link:** | |
| # | Required Technical Specifications and Standards | Conformity to Specifications and Reference to the technical literature (data sheets, links, manuals, etc.) |
|  | **Offered computers have to be from the producer which brand is included in the list of reports of world analytical agencies like Gartner or IDC report**  **(please provide a link to report)** |  |
|  | **Certification requirement: ISO 9001 certification of the manufacturer; CE Mark**  **(please provide as a separate document)** |  |
|  | **The participant agrees to provide MAF (manufacturer authorization form) with the name of the tender procedure, the tender number, confirmation of warranty service in the country of delivery, name of the equipment with software supplied.**  **Equipment supplied must have service centers in the country of delivery.**  **(please confirm)** |  |
| **1** | **Form-factor: Desktop tower** |  |
| **2** | **CPU not less than Intel i9 9900 (Base Frequency 3.1Ghz, 16Mb Smart Cache)** |  |
| **3** | **Motherboard chipset not less than Intel C246** |  |
| **4** | **RAM not less than 32GB DDR4 2666Mhz** |  |
| **5** | **SSD not less than 512Gb NVMe** |  |
| **6** | **HDD not less than 2000Gb SATA** |  |
| **7** | **Graphics Card not less than 8Gb Quadro RTX4000** |  |
| **8** | **PSU according to configuration, 80 Plus** |  |
| **9** | **Keyboard USB with Numpad Eng/Ukrainian (Qwerty)** |  |
| **10** | **Mouse USB optical** |  |
| **11** | **I/O interfaces:** |  |
| **Front panel:** |
| **-          USB 3.1 ports/Type C – not less than 2**  **- USB 2.0 ports – note less than 2** |
| **-          Audio jacks: front-side Mic/Headset ports -1** |
| **Rear panel:** |
| **-          USB 2.0/3.1 ports – not less than 6** |
| **-          Audio jacks: Headset port – 1** |
| * **Serial port -1** |
| **-          Video output HDMI/DisplayPort – 3** |
| **-          LAN-port Gigabit Ethernet (RJ-45) - 1** |
| 12 | **Internal slots: PCI Express x16 x1, PCI Express x4 x2** |  |
| 13 | **Audio: not less than High Definition Audio** |  |
| 14 | **Operating System - Windows 10 Professional Ukrainian** |  |
| 15 | **All interface cables and connectors must be included** |  |
|  | | |
| **#2C** | ***Monitor Type-1*** | ***1 pcs*** |
|  | **Model (full name):** | |
|  | **Manufacturer (full name):** | |
|  | **Provided technical documentation name or reference link:** | |
| # | Required Technical Specifications and Standards | Conformity to Specifications and Reference to the technical literature (data sheets, links, manuals, etc.) |
|  | **Certification requirement: ISO 9001 certification of the manufacturer; CE Mark**  **(please provide as a separate document)** |  |
|  | **The participant agrees to provide MAF (manufacturer authorization form) with the name of the bid, the bid number, confirmation of warranty service in the country of delivery, name of the equipment with software supplied.**  **Equipment supplied must have service centers in the country of delivery**  **(please confirm)** |  |
| 1 | **Diagonal: not less than 27 inches** |  |
| 2 | **Panel Type: IPS** |  |
| 3 | **Resolution: not less than 2560 x 1140 at 60 Hz** |  |
| 4 | **Brightness: not less than 300cd/m2** |  |
| 5 | **Connectivity: not less than HDMI x1, Display port x1** |  |
| 6 | **Tilt, rotate, swivel, height adjustment capabilities** |  |
| 7 | **All interface cables and connectors must be included** |  |
|  | | |
| **#3C** | ***Personal Computer Type-1*** | ***2 pcs*** |
|  | **Model (full name):** | |
|  | **Manufacturer (full name):** | |
|  | **Provided technical documentation name or reference link:** | |
| **#** | Required Technical Specifications and Standards | Conformity to Specifications and Reference to the technical literature (data sheets, links, manuals, etc.) |
|  | **Offered computers have to be from the producer which brand is included in the list of reports of world analytical agencies like Gartner or IDC report**  **(please provide a link to report)** |  |
|  | **Certification requirement: ISO 9001 certification of the manufacturer; CE Mark**  **(please provide as a separate document)** |  |
|  | **The participant agrees to provide MAF (manufacturer authorization form) with the name of the bid, the bid number, confirmation of warranty service in the country of delivery, name of the equipment with software supplied.**  **Equipment supplied must have service centers in the country of delivery**  **(please confirm)** |  |
| 1 | **Form-factor: Desktop** |  |
| 2 | **CPU not less than Intel i7 9700 (Base Frequency 3.0Ghz, 12Mb Smart Cache)** |  |
| 3 | **Motherboard chipset not less than Q370/Z370** |  |
| 4 | **RAM not less than 16GB DDR4 2666Mhz** |  |
| 5 | **SSD not less than 512Gb NVME** |  |
| 6 | **HDD not less than 1000Gb SATA** |  |
| 7 | **Graphic Card not less than 6Gb GTX1660** |  |
| 8 | **PSU according to configuration, 80 Plus** |  |
| 9 | **Keyboard USB with Numpad Eng/Ukrainian (Qwerty)** |  |
| 10 | **Mouse USB optical** |  |
| 11 | **I/O interfaces:** |  |
| Front panel: |
| -          USB 3.1 ports/Type C – not less than 2  - USB 2.0 ports – note less than 2 |
| -          Audio jacks: front-side Mic/Headset ports -1 |
| Rear panel: |
| -          USB 2.0/3.1 ports – not less than 6 |
| -          Audio jacks: Headset port – 1 |
| - Serial port -1 |
| -          Video output HDMI/DisplayPort – 3 |
| -          LAN-port Gigabit Ethernet (RJ-45) - 1 |
| -          USB 2.0/3.1 ports – not less than 6 |
| 12 | **Internal slots: PCI Express x16, PCI Express x1** |  |
| 13 | **Audio: not less than High Definition Audio** |  |
| 14 | **Operating System - Windows 10 Professional Ukrainian** |  |
| 15 | **All interface cables and connectors must be included** |  |
|  | | |
| **#4C** | ***Personal Computer Type-2*** | ***2 pcs*** |
|  | **Model (full name):** | |
|  | **Manufacturer (full name):** | |
|  | **Provided technical documentation name or reference link:** | |
| **#** | Required Technical Specifications and Standards | Conformity to Specifications and Reference to the technical literature (data sheets, links, manuals, etc.) |
|  | **Offered computers have to be from the producer which brand is included in the list of reports of world analytical agencies like Gartner or IDC report**  **(please provide a link to report)** |  |
|  | **Certification requirement: ISO 9001 certification of the manufacturer; CE Mark**  **(please provide as a separate document)** |  |
|  | **The participant agrees to provide MAF (manufacturer authorization form) with the name of the bid, the bid number, confirmation of warranty service in the country of delivery, name of the equipment with software supplied.**  **Equipment supplied must have service centers in the country of delivery**  **(please confirm)** |  |
| 1 | **Form-factor: Desktop** |  |
| 2 | **CPU not less than Intel i5 9500 (Base Frequency 3.0Ghz, 9Mb Smart Cache)** |  |
| 3 | **Motherboard chipset not less than Q370/Z370** |  |
| 4 | **RAM not less than 8GB DDR4 2666Mhz** |  |
| 5 | **SSD not less than 512Gb NVME** |  |
| 6 | **Graphic Card not less than 6Gb GTX1660** |  |
| 7 | **PSU according to configuration, 80 Plus** |  |
| 8 | **Keyboard USB with Numpad Eng/Ukrainian (Qwerty)** |  |
| 9 | **Mouse USB optical** |  |
| 10 | **I/O interfaces:** |  |
| Front panel: |
| -          USB 3.1 ports/Type C – not less than 2  - USB 2.0 ports – note less than 2 |
| -          Audio jacks: front-side Mic/Headset ports -1 |
| Rear panel: |
| -          USB 2.0/3.1 ports – not less than 6 |
| -          Audio jacks: Headset port – 1 |
| - Serial port -1 |
| -          Video output HDMI/DisplayPort – 3 |
| -          LAN-port Gigabit Ethernet (RJ-45) - 1 |
| -          USB 2.0/3.1 ports – not less than 6 |
| 11 | **Internal slots: PCI Express x16, PCI Express x1** |  |
| 12 | **Audio: not less than High Definition Audio** |  |
| 13 | **Operating System - Windows 10 Professional Ukrainian** |  |
| 14 | **All interface cables and connectors must be included** |  |
|  | | |
| **#5C** | ***Monitor Type-2*** | ***2 pcs*** |
|  | **Model (full name):** | |
|  | **Manufacturer (full name):** | |
|  | **Provided technical documentation name or reference link:** | |
| # | Required Technical Specifications and Standards | Conformity to Specifications and Reference to the technical literature (data sheets, links, manuals, etc.) |
|  | **Certification requirement: ISO 9001 certification of the manufacturer; CE Mark**  **(please provide as a separate document)** |  |
|  | **The participant agrees to provide MAF (manufacturer authorization form) with the name of the bid, the bid number, confirmation of warranty service in the country of delivery, name of the equipment with software supplied.**  **Equipment supplied must have service centers in the country of delivery**  **(please confirm)** |  |
| 1 | **Diagonal: not less than 23.8 inches** |  |
| 2 | **Panel Type: IPS** |  |
| 3 | **Resolution: not less than 2560 x 1140 at 60 Hz** |  |
| 4 | **Brightness: not less than 300cd/m2** |  |
| 5 | **Connectivity: not less than HDMI x1, Display port x1** |  |
| 6 | **Tilt, rotate, swivel, height adjustment capabilities** |  |
| 7 | **All interface cables and connectors must be included** |  |
|  | | |
| **#6C** | ***Personal Computer All in One*** | ***12 pcs*** |
|  | **Model (full name):** | |
|  | **Manufacturer (full name):** | |
|  | **Provided technical documentation name or reference link:** | |
| **#** | Required Technical Specifications and Standards | Conformity to Specifications and Reference to the technical literature (data sheets, links, manuals, etc.) |
|  | **Offered computers have to be from the producer which brand is included in the list of reports of world analytical agencies like Gartner or IDC report**  **(please provide a link to report)** |  |
|  | **Certification requirement: ISO 9001 certification of the manufacturer; CE Mark**  **(please provide as a separate document)** |  |
|  | **The participant agrees to provide MAF (manufacturer authorization form) with the name of the bid, the bid number, confirmation of warranty service in the country of delivery, name of the equipment with software supplied.**  **Equipment supplied must have service centers in the country of delivery**  **(please confirm)** |  |
| 1 | **Form-factor**: AIO |  |
| 2 | **CPU not less than Intel i5 9500 (Base frequency 3,0Ghz/ 6 Cores/ 9Mb Smart Cache)** |  |
| 3 | **RAM not less than 4GB DDR4 2666Mhz** |  |
| 4 | **HDD not less than 500Gb** |  |
| 6 | **Keyboard USB with Numpad Eng/Ukrainian (Qwerty)** |  |
| 7 | **Mouse USB optical** |  |
| 9 | **I/O interfaces:** |  |
| -          USB 3.1 ports – not less than 4, USB 2.0 ports not less than 2 |
| -          Audio jacks: Mic/Headset ports |
| -          Wireless data transmission 802.11ac |
| -          Video output Display port - 1 |
| -          LAN-port Gigabit Ethernet (RJ-45) - 1 |
| 10 | **Audio:** not less than High Definition Audio |  |
| 11 | **Screen Size and Resolution not less than 21,5" IPS 1920x1080** |  |
| 12 | **Operating System - Windows 10 Professional Ukrainian** |  |
| 13 | **All interface cables and connectors must be included** |  |
|  | | |
| **#7C** | ***Notebook*** | ***3 pcs*** |
|  | **Model (full name):** | |
|  | **Manufacturer (full name):** | |
|  | **Provided technical documentation name or reference link:** | |
| # | Required Technical Specifications and Standards | Conformity to Specifications and Reference to the technical literature (data sheets, links, manuals, etc.) |
|  | **Certification requirement: ISO 9001 certification of the manufacturer; CE Mark**  **(please provide as a separate document)** |  |
|  | **The participant agrees to provide MAF (manufacturer authorization form) with the name of the bid, the bid number, confirmation of warranty service in the country of delivery, name of the equipment with software supplied.**  **Equipment supplied must have service centers in the country of delivery**  **(please confirm)** |  |
| 1 | **Screen Size not less than 15,6" 1920x1080 FullHD** |  |
| 2 | **CPU not less than Intel i5 Gen 10** |  |
| 3 | **RAM not less than 8GB DDR4** |  |
| 4 | **HDD not less than 1000Gb** |  |
| 5 | **Keyboard USB with Numpad Eng/Ukrainian (Qwerty)** |  |
| 6 | **Webcam not less than HD720** |  |
| 7 | **OS Windows 10 Pro** |  |
| 8 | **All interface cables and connectors must be included** |  |
|  | | |
| **#8C** | ***Projector*** | ***4 pcs*** |
|  | **Model (full name):** | |
|  | **Manufacturer (full name):** | |
|  | **Provided technical documentation name or reference link:** | |
| # | Required Technical Specifications and Standards | Conformity to Specifications and Reference to the technical literature (data sheets, links, manuals, etc.) |
| 1 | **Type: DLP or LCD** |  |
| 2 | **Colour Light Output not less than 3200 Lumens** |  |
| 3 | **Interfaces USB 2.0 Type B, HDMI (1x), Stereo mini jack audio in (1x), VGA in, RJ-45** |  |
| 4 | **Resolution not less than WXGA 1280x800 p** |  |
| 5 | **Speaker not less than 10W** |  |
| 6 | **Optical zoom not less than 1.1x** |  |
| 7 | **All interfaces cables and connectors and wall mount must be included** |  |
|  | | |
| **#9C** | ***MFD A4*** | ***4 pcs*** |
|  | **Model (full name):** | |
|  | **Manufacturer (full name):** | |
|  | **Provided technical documentation name or reference link:** | |
| # | Required Technical Specifications and Standards | Conformity to Specifications and Reference to the technical literature (data sheets, links, manuals, etc.) |
| 1 | **Print method: laser monochrome** |  |
| 2 | **Functions: Print/scan/copy** |  |
| 3 | **Print speed: single sided not less than 30 p/m (A4), double sided not less than 50 p/m (A4 both sides)** |  |
| 4 | **Paper input (Standard) not less than 250 sheets** |  |
| 5 | **Paper output not less than 150 sheets** |  |
| 6 | **Standard cartridge capacity (ISO/IEC 19752) not less than 3000 pages** |  |
| 7 | **Connectivity: USB 2.0/Gigabit Ethernet/ Wireless** |  |
| 8 | **All interface cables and connectors must be included** |  |
|  | | |
| **#10C** | ***Digital Camera (Kit)*** | ***1 pcs*** |
|  | **Model (full name):** | |
|  | **Manufacturer (full name):** | |
|  | **Provided technical documentation name or reference link:** | |
| # | Required Technical Specifications and Standards | Conformity to Specifications and Reference to the technical literature (data sheets, links, manuals, etc.) |
| 1 | **Type: Pentamirror** |  |
| 2 | **Effective pixels not less than 18Mp APS-C sensor** |  |
| 3 | **Viewfinder 9-point AF optical** |  |
| 4 | **Inbuilt Wifi** |  |
| 5 | **LCD Screen not less than 2,7"** |  |
| 6 | **All interfaces cables and connectors, optical lens 18-55mm must be included** |  |
|  | | |
| **#11C** | ***Stereo Headphone*** | ***15 pcs*** |
|  | **Model (full name):** | |
|  | **Manufacturer (full name):** | |
|  | **Provided technical documentation name or reference link:** | |
| # | Required Technical Specifications and Standards | Conformity to Specifications and Reference to the technical literature (data sheets, links, manuals, etc.) |
| 1 | **Headphones Form Factor : on-ear (adjustable)** |  |
| 2 | **Microphone function: noise-cancelling** |  |
| 3 | **Frequency response (Headset): 20 Hz to 20 kHz** |  |
| 4 | **Frequency response (Microphone): 100 Hz –16 kHz** |  |
| 5 | **Cable length: not less than 1.8m** |  |
| 6 | **Connection type: USB or 3.5mm PC jack** |  |
|  | | |
|  | | |
| **#12C** | ***16 port Gigabit Switch*** | ***1 pcs*** |
| 1 | ***10/100/1000 Mb/s Ethernet unmanaged switch*** |  |

# Annex 3: Commercial Offer

Note –

*The Company must accomplish the commercial offer for equipment on its letterhead clearly showing the companies complete name and address.*

To: EXOLAUNCH GmbH, address: Reuchlin Str. 10, 10553 Berlin, Germany

|  |
| --- |
| ***Commercial offer for the equipment supply within the framework of the project***  ***Crisis and Risks Engineering for Transport Services***  ***(CRENG)***  # CRENG/25.05/2020/UA “Invitation to Tender for Equipment Procurement (Ukraine)” |

Name of Company \_\_ **\_\_\_\_\_\_\_\_\_**\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Item** | **Description** | **Quantity**  **(pcs) for 1 University** | **Unit Price (EUR)** | **Total Price per item (EUR) for 1 University** | **Grand Total Price per item (EUR) for 3 Universities** |
| **1** | **2** | **4** | **5** | **6=4 х 5** | **7** |
| #1C | Workstation | 1 |  |  |  |
| #2C | Monitor Type-1 | 1 |  |  |  |
| #3C | Personal Computer Type-1 | 2 |  |  |  |
| #4C | Personal Computer Type-2 | 2 |  |  |  |
| #5C | Monitor Type-2 | 2 |  |  |  |
| #6C | Personal Computer All in One | 12 |  |  |  |
| #7C | Notebook | 3 |  |  |  |
| #8C | Projector | 4 |  |  |  |
| #9C | MFD A4 | 4 |  |  |  |
| #10C | Digital Camera (Kit) | 1 |  |  |  |
| #11C | Stereo Headphone | 15 |  |  |  |
| #12C | 16 port Gigabit Switch | 1 |  |  |  |
| **Total Amount (Euro) excluding VAT** | | | |  |  |

Total amount in words (for 1 University): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Grand total amount in words (for 3 University): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If there is a discrepancy between words and figures, the amount in words shall prevail

Warranty conditions:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Delivery conditions:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Delivery period:

\_\_\_\_\_\_ days from the date of signature of the contract

Name

In the capacity of

Signed

Duly authorized to sign the company for and on behalf of

Date

Stamp