

**ERASMUS +**

**HIGHER EDUCATION CAPACITY BUILDING**

**Erasmus+ Project**

**New and Innovative Courses for Precision Agriculture**

**(NICOPA)**

**Invitation to Tender for Equipment Procurement - VCR-Set**

**(Uzbekistan)**

**#NICOPA/12.08/2020/UZ**

Prepared by:

EXOLAUNCH GmbH

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

Dear Sir/Madam,

We kindly invite you to submit your **tender for the supply of Equipment to the project partner universities in Uzbekistan** (see the technical specifications provided in the Part-III of the main document) within the framework of the Project “*New and Innovative Courses for Precision Agriculture*”- (*NICOPA)*, co-funded by the **ERASMUS+ Programme of the European Union**.

When preparing your tender, please be guided by the invitation to tender.

The tenderer must complete all annexes and provide all information for VCR-Set. Only completed annexes will be accepted for consideration.

Tenders should be submitted in English **by email to** info@ecm-academy.denot later than **Wednesday, September 9, 2020 at 17:00 (Berlin local time)**.

We kindly ask you to be ensure that the tender is signed, stamped and in the **PDF** format. An acknowledgement of receipt will be sent to you accordingly.

*In all cases, please add the below reference:* ***#NICOPA/12.08/2020/UZ “Invitation to Tender for Equipment Procurement - VCR-Set (Uzbekistan)”.***

*For any additional information, please, contact us* ***only*** *by email.*

Sincerely yours,

EXOLAUNCH GmbH

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# Annex 1: Company Information Sheet

#NICOPA/12.08/2020/UZ “Invitation to Tender for Equipment Procurement - VCR-Set (Uzbekistan)”

*Please, fill in all fields.*

|  |  |  |
| --- | --- | --- |
| **Bidderʼs Information** | | |
| **Company legal name** |  |
| **Company legal address** |  |
| **Company website** |  |
| **Company e-mail** |  |
| **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

#NICOPA/12.08/2020/UZ “Invitation to Tender for Equipment Procurement - VCR-Set (Uzbekistan)”

*Please, fill in all fields.*

|  |  |  |
| --- | --- | --- |
| **VCR-Set: //The table of equipment required** | | |
| ***#VCR1*** | ***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 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 provide as separate document)** |  |
| **1** | **Form-factor: AIO** |  |
| **2** | **CPU not less than Intel i5 or equivalent by CPU mark** |  |
| **3** | **RAM not less than 8GB DDR4 2666MHz** |  |
| **4** | **SSD not less than 256Gb** |  |
| **5** | **HDD not less than 1000 Gb** |  |
| **6** | **Keyboard USB with Numpad Eng/Rus** |  |
| **7** | **Mouse USB optical** |  |
| **8** | **Webcam HD** |  |
| **9** | **I/O interfaces:**   * Audio jacks: Mic/Headset ports * Wireless data transmission 802.11 b/g/n - 1 * Video output HDMI – 2 in/out, 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 27" IPS 1920x1080** |  |
| **12** | **Operating System not less than Windows 10 Professional 64bit, English, Russian** |  |
| **13** | **All interfaces cables and connectors must be included** |  |
|  | | |
| ***#VCR2*** | ***Mobile Workstation*** | ***1 pc*** |
|  | **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 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 provide as separate document)** |  |
| **1** | **Form-factor: Mobile workstation. Laptop.** |  |
| **2** | **CPU not less than Intel i7-9750H or equivalent by CPU mark** |  |
| **3** | **RAM not less than 16GB DDR4 2666MHz** |  |
| **4** | **SSD not less than M.2 512Gb PCIe NVME Class 40** |  |
| **5** | **Graphics Card not less than Nvidia Quadro P620 w/ 4GB GDDR5** |  |
| **6** | **Screen Size not less than 15,6"** |  |
| **7** | **Keyboard Eng/Russian (Qwerty)** |  |
| **8** | **Operating System - Windows 10 Professional 64 bit, English, Russian** |  |
| **9** | **All interface cables and connectors must be included** |  |
|  | | |
| ***#VCR3*** | ***Notebook*** | ***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 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 provide as separate document)** |  |
| **1** | **Screen Size not less than 15,6" 1920x1200 Full HD** |  |
| **2** | **CPU not less than Intel i7 10750H or equivalent by CPU mark** |  |
| **3** | **RAM not less than 16GB DDR4 2666MHz** |  |
| **4** | **SSD not less than 1Tb M.2 NVME** |  |
| **5** | **Graphic Card not less GTX1650Ti 4Gb GDDR6 or equivalent by GPU mark** |  |
| **6** | **Keyboard Eng/Russian (Qwerty)** |  |
| **7** | **Battery not less than 6 Cell** |  |
| **8** | **External ports and connectors: USB 3.1, HDMI, Display port** |  |
| **9** | **Operating System not less than Windows 10 Professional 64bit, English, Russian** |  |
| **10** | **All interface cables and connectors must be included** |  |
|  | | |
| ***#VCR4*** | ***Color MFD A3*** | ***1 pc*** |
| **1** | **Print method: Inkjet** |  |
| **2** | **Available functions: Print, Copy, Scan (A4, A3)** |  |
| **3** | **Interface: USB 2.0 / Ethernet / Wi-Fi** |  |
| **4** | **Ink supply - refillable container** |  |
| **5** | **All interface cables and connectors must be included** |  |
|  | | |
| ***#VCR5*** | ***Monochrome MFD A4*** | ***1 pc*** |
| **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 15 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 interfaces cables and connectors must be included** |  |
|  | | |
| ***#VCR6*** | ***Personal Cloud Storage*** | ***2 pcs*** |
| **1** | **CPU not less than Marvell Armada 380 1,3Ghz** |  |
| **2** | **RAM not less than 512Mb** |  |
| **3** | **Two 2.5" or 3.5" SATA II hard disk interface** |  |
| **4** | **Not less than one Gigabit Ethernet RJ-45 connector** |  |
| **5** | **Not less than two USB 3.0 ports** |  |
| **6** | **Not less than one USB 2.0 port** |  |
| **7** | **20 Tb HDD must be included** |  |
| **8** | **All interfaces cables and connectors must be included** |  |
|  | | |
| ***#VCR7*** | ***Digital Camera (Kit)*** | ***1 pc*** |
| **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 6.8 cm (2.7”)** |  |
| **6** | **All interfaces cables and connectors, optical lens 18-55mm must be included** |  |
|  | | |
| ***#VCR8*** | ***Smart Board*** | ***1 pc*** |
| **1** | **Type: Interactive board wall mount or floor stand** |  |
| **2** | **Screen size not less than 77 inches** |  |
| **3** | **Touch: Enables you to write, erase and perform mouse functions by touching the interactive whiteboard with your finger or a pen** |  |
| **4** | **SMART lesson activities must be included** |  |
| **5** | **SMART collaborative learning software must be included** |  |
| **6** | **All interfaces cables and connectors, usb pen, wallmount or floor stand must be included** |  |
|  |  |  |
| ***#VCR9*** | ***Projector*** | ***1 pc*** |
| **1** | **Type: Ultra-short throw** |  |
| **2** | **Colour Light Output not less than 3,200 Lumen- 1,900 Lumen (economy)** |  |
| **3** | **Interfaces USB 2.0 Type B, HDMI in (2x), Stereo mini jack audio in (3x), VGA out, Wireless LAN IEEE 802.11b/g/n** |  |
| **4** | **Resolution not less than XGA 1920x1080** |  |
| **5** | **Projection System 3LCD Technology** |  |
| **6** | **All interfaces cables and connectors and wallmount must be included** |  |
|  | | |
| ***#VCR10*** | ***Smart TV*** | ***1 pc*** |
| **1** | **Type: Smart TV** |  |
| **2** | **Diagonal not less than 55 inches** |  |
| **3** | **Screen resolution not less than 3840x2160 dpi** |  |
| **4** | **ОS Android** |  |
| **5** | **Built-in camera - Preferable** |  |
| **6** | **All interfaces cables and connectors must be included** |  |
|  | | |
| ***#VCR11*** | ***UPS*** | ***1 pc*** |
| **1** | **Form factor - Tower** |  |
| **2** | **Power Capacity (VA) not less than 1500VA** |  |
| **3** | **Waveform – pure sinewave output** |  |
| **4** | **Remote Management Interface - USB** |  |
| **5** | **Power Device Features – LCD display, AVR** |  |
|  | | |
| ***#VCR12*** | ***24 port Gigabit Switch*** | ***1 pc*** |
| **1** | **10/100/1000 Mb/s Ethernet unmanaged switch** |  |
|  | | |
| ***#VCR13*** | ***Mobile Workstation*** | ***3 pcs*** |
|  | **Model (full name):** | |
|  | **Manufacturer (full name):** | |
|  | **Provided technical documentation name or reference link:** | |
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|  | **Certification requirement: ISO 9001 certification of the manufacturer; CE Mark**  **(please provide as separate document)** |  |
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| **1** | **Form-factor: Mobile workstation. Laptop.** |  |
| **2** | **CPU not less than Intel i7-9750H or equivalent by CPU mark** |  |
| **3** | **RAM not less than 16GB DDR4 2666MHz** |  |
| **4** | **SSD not less than M.2 512Gb PCIe NVME Class 40** |  |
| **5** | **Graphics Card not less than Nvidia Quadro P620 w/ 4GB GDDR5** |  |
| **6** | **Screen Size not less than 15,6"** |  |
| **7** | **Keyboard Eng/Russian (Qwerty)** |  |
| **8** | **Operating System - Windows 10 Professional 64 bit, English, Russian** |  |
| **9** | **All interface cables and connectors must be included** |  |

# 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***  ***New and Innovative Courses for Precision Agriculture***  ***(NICOPA)***  #NICOPA/12.08/2020/UZ “Invitation to Tender for Equipment Procurement - VCR-Set (Uzbekistan)” |

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

**VCR-Set**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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** |
| #VCR1 | Personal Computer All in One | 12 |  |  |  |
| #VCR2 | Mobile Workstation | 1 |  |  |  |
| #VCR3 | Notebook | 2 |  |  |  |
| #VCR4 | Color MFD A3 | 1 |  |  |  |
| #VCR5 | Monochrome MFD A4 | 1 |  |  |  |
| #VCR6 | Personal Cloud Storage | 2 |  |  |  |
| #VCR7 | Digital Camera (Kit) | 1 |  |  |  |
| #VCR8 | Smart Board | 1 |  |  |  |
| #VCR9 | Projector | 1 |  |  |  |
| #VCR10 | Smart TV | 1 |  |  |  |
| #VCR11 | UPS | 1 |  |  |  |
| #VCR12 | 24 port Gigabit Switch | 1 |  |  |  |
| #VCR13 | Mobile Workstation | 3 |  |  |  |
| **Total Amount (Euro) excluding VAT** | | | |  |  |

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

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

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