

**Ministry of Education, Science and Technological Development**  
**Nemanjina 22-26,**  
**Belgrade,**  
**Republic of Serbia**

November, 24, 2021

Project title: Procurement of Equipment for teachers  
Procurement reference: No. EIB-GtP/404-02-100/2021-19

**ADDENDUM No.1**

**TO ALL BIDDERS OF RECORD:**

Please note that, in accordance with ITB 8, the terms of the Procurement Document for the Request for Bids – Goods, in the procurement: “Procurement of Equipment for teachers Procurement reference: No. No. EIB-GtP/404-02-100/2021-19 have been changed as follows:

**Section VI Schedule of Requirements, Technical Specification Form now reads:**

No.	Specification of digital equipment and IT classrooms equipment	Unit of measure	Indicative amount	County of origin	Description of the offered item	Additional information
1	<p><b>Notebook</b></p> <p>Minimal technical specification:</p> <p>Display: min. 14"</p> <p>Resolution: min. 1366 x 768 pxl</p> <p>Processor: min base frequency 1.1GHz, min 2 cores, min 2 threads, min 4MB Cache. A non-exhaustive list of CPU manufacturers are Intel or AMD. The processor should have at least a CPU Performance equivalent to the one of an Intel (equivalent meaning the same or higher average CPU PassMark score than for the referenced model Intel N4000 Celeron N4000 @1.1.GHz (<a href="https://www.cpubenchmark.net/cpu.php?cpu=Intel+Celeron+N4000+%40+1.10GHz&amp;id=3239">https://www.cpubenchmark.net/cpu.php?cpu=Intel+Celeron+N4000+%40+1.10GHz&amp;id=3239</a>).</p> <p>Memory: min. 4 GB</p> <p><b>Drive: HDD min. 500GB or SSD min.128GB</b></p>		18.500			

<p>Graphic card: min. Integrated, Graphics Burst <b>Frequency min. up to 600 MHz</b></p> <p>I/O Port: min. 2 x USB 3.0 port (Type A), 1 x USB Type C 3.0 port (USB only), 1x HDMI, 1x Micro SD Card Reader, 1 x combo Audio jack for microphone/headphone, 1 x Kensington security slot</p> <p>Wireless LAN/Bluetooth: min. 802.11ac (dual band), Bluetooth 5.0</p> <p>Speaker: min. Built-in 2 speakers, 1.1W x2, 8 Ω</p> <p>Camera: min. 1MP</p> <p><b>Keyboard: Serbian layout, KB cover water resistance (min. 100cc) or spill-resistant keyboard with a Serbian layout</b></p> <p><b>Drop resistance: min. drop resistance 75cm, MIL-STD-810G</b></p> <p>Operating system: Windows 10 Pro (Shape the Future)</p> <p>Battery: min. 2 cell, 5000mAh / 37Wh / 7.4V</p> <p>Mouse: Wireless optical mouse</p> <p>Warranty: Manufacturer’s warranty min. 36 months (6 months for battery)</p> <p><b>LMS platform:</b> LMS (Learning Management System for e-Learning) software platform should be delivered and pre-installed on the notebooks (only new notebooks acquired in this tender procedure).</p> <p>Note;</p> <p>Ministry of Education, Science and Technological Development (MoESTD) has already purchased LMS platform licenses but only for previously purchased computers. Bidders are expected to deliver the licenses for the LMS platform only for new notebooks. Please take note that offered LMS platform does not have to be the same as the one already owned by the MoESTD. Bidders have freedom to propose any platform that meets the requirements set below.</p> <p>LMS platform requirements:</p> <p>LMS should have following features, as a minimum (software functionalities):</p>					
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<ul style="list-style-type: none"> <li>- The platform must have built-in software modules for the management of the fundamental educational processes, including enrolment of trainees/pupils/students, creation of curriculums, overview of courses, handing in assignments, performance and attendance records, communication, etc.</li> <li>- Using the stated above functionalities, lecturers/teachers can plan their lessons with ease and adapt materials to the specific needs of their trainees/pupils/students.</li> <li>- The platform should enable Client server installation and integration with cloud-based platform services. Minimally, it must support integration with Microsoft Azure.</li> <li>- The platform should enable Office 365 single sign on integration with Office 365 accounts and use of Office 365 tools</li> <li>- The platform should be web based, supporting the current internet browsers without the requirement for additional software.</li> <li>- The platform should enable language and script changing option in the web and mobile app. Minimally, it must support Serbian (Cyrillic and Latin scripts) and English.</li> <li>- The platform should enable defining user groups, namely classes and groups.</li> <li>- The complete teaching materials could be available to students via mobile app and could be downloaded to the library and used offline via mobile application</li> <li>- The platform should enable setting online tests</li> <li>- Test configuration allows setting time limits and number of attempts allowed</li> <li>- Students should be able to view test results.</li> <li>- If permitted, students can see their own answers, along with the correct answers</li> <li>- Test results should be displayed along with statistical data, grade, percentage of correct answers, success as compared to acceptance limit/passing grade.</li> <li>- The platform should enable submission of homework assignments.</li> </ul> <p>The Bidders should pre-install the LMS platform on all computers delivered under this tender. Bidders have</p>					
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<p>freedom to propose any LMS platform that meets the requirements set above (free or paid one). More precisely, the Bidder must provide licenses for all non-free software third-party libraries/dependencies used in LMS software platform.</p> <p>The warranty for the LMS platform will be the same as for the notebook.</p>					
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All remaining terms and clauses of the Procurement Document remain unchanged.

Please acknowledge receipt by **e-mail** to [international.public.procurement@mpn.gov.rs](mailto:international.public.procurement@mpn.gov.rs)