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KNOWLEDGE
TRANSFER UNIT

KTU - Knowledge Transfer Unit

From Applied Research and Technology-Entrepreneurial Know-How Exchange to Development of
Interdisciplinary Curricula Modules

544031-TEMPUS-1-2013-1-AT-TEMPUS-JPHES



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OVERVIEW REPORT ON 1.3 EQUIPMENT Purchase

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February 2017



1. General remarks

Type of equipment to be purchased:

According to the application, the KTU office shall be installed with rapid prototyping technology used for the development of 3D models (such as 3D printers) and basic office equipment such as laptops, fax machine, copy machine, projector etc.) in the course of the project.

After strategy, plan and portfolio of each KTU has been drafted, individual equipment requirement lists for each KTU were elaborated and technical specifications to the different items defined. Each equipment lists was reviewed in several feedback loops by the EU partners. One KTU (P8-UBDNBU) focused its KTU services on eye-tracking technology and therefore, the coordinator and the partner obtained approval by the Funding Agency to purchase such an item.

In addition, to the equipment which was paid with TEMPUS funds, the university purchased and installed additional office equipment such as servers, computers etc. for the KTU offices (as part of their co-financing).

Who will benefit and future maintenance:

The equipment was installed in the KTUs of the PCUs. Every KTU was permanently installed within the university structure. The KTU business plan and services are based on and tightly linked to the equipment features. In addition, the project partner developed financial sustainability plans to ensure future operation and maintenance of the KTUs and their equipment.

The equipment is used by the KTU staff and is part of the service portfolio offered to internal and external stakeholders. Some of our KTUs' business models include for example the value proposition & revenue stream of renting equipment services together with a trainer to internal or external partners and this is one approach to make the KTUs financially sustainable. The interdisciplinary curricula are also tightly connected to the purchased equipment (courses on 3D printing or eye-tracking) and further support a sustainable exploitation of the equipment.

Documentation available of equipment purchase:

- a. Invitation to tender
- b. Received offers and certificate of origin for item > EUR 5.000 (P7: 3D printer Leapfrog CreatrXL, P8: Tobii Eye Tracker, P10: 3D Smartprint UPrint, P11: 3Printer Envision Perfactory MicroEDU)
- c. Selection of winner based on criteria set in equipment purchase template
- d. Authorisation of EACEA to purchase the specific equipment from the chosen vendor
- e. Contract with vendor, invoice and payment receipt
- f. Delivery Note, inventory note, documents and photos of installed equipment with TEMPUS sticker



Overview of installed equipment per KTU:

P6-ISTU:

#	Product name	Price EUR	Q-ty
1	EQUIPMENT SET(ISTU SET) ""Knowledge Transfer Unit" Composed of:		1
1.1	PC Everest (i5-4690 / H81M-R / 8 Gb / 1 Tb / 400W / keyboard Logitech K120 USB O(EM Ru/ Mouse Logitech B100 USB Black)	1.015,00	15
1.2	Monitor LED LCD Samsung 23.6" S24D300H FHD 2ms, D-Sub, HDMI, TN, Black, 170/160	200,00	15
1.3	OfficeStd 2013 RUS OLP NL Acadmc	115,00	15
1.4	Headset Plantronics Audio 345	80,00	15
1.5	Laptop (Intel i3-4005U 4/500)	800,00	2
1.6	Mouse Logitech M185 WL Grey	15,00	2
1.7	MFA A4 HP LJ Pro M125nw c Wi-Fi	260,00	1
1.8	Acoustic system SVEN Stream R Cherry	90,00	1
1.9	Switch TP-LINK TL-SG1024DE	128,00	1
1.10	AP ASUS EA-AC87 802.11ac, 1800Mbps, 5x1Gb LAN	150,00	1
1.11	Network filter Belkin Conserve 2.0u	40,00	2
1.12	DVR Lanser II mobile DM- 7204 HVI-5	175,00	1
1.13	Videcam ActiveCan AC-A2548RS	69,00	2
1.14	HDD WD 2.5 SATA 3.0 1TB 5400rpm 8MB Cache Blue	115,00	2
1.15	3D Printer Ultimaker 2 Extended	4.400,00	1
1.16	Plastic PLA	75,00	15
1.17	Plastic ABS	75,00	15

P7-KhA

#	Найменування товару	Вартість, EUR	Кіл-ть
1	КОМПЛЕКТ ОБЛАДНАННЯ(Комплект ХАІ) ""Модуль трансферу знань" в складі:		1
1.1	ПК Everest (Intel Core i7-4790,8 GB DDR3, 1 TB HDD, GeForce GT730 2 Gb, 460W, MB Socket 1150 H97M-E	909,00	3
1.2	Монітор LED LCD Samsung 23.6" S24D391HL FHD 5ms, D-Sub, HDMI, PLS, Headphone, White, 178/178	200,00	4
1.3	Миша Genius XScroll USB Black	7,00	5
1.4	Клавіатура Genius KB-M200 USB	11,00	5
1.5	БФП A4 HP LJ Pro M225dn	373,00	1
1.6	Моторизований екран Acer E100-W01MW	217,00	1
1.7	Проектор Viewsonic PRO8520HD	2.050,00	2
1.8	Миша Logitech M280 WL Black	34,00	4
1.9	Ноутбук Asus 17.3HD+/Intel i3- 5010U/6/1000/DVD/NVD940-2/DOS	950,00	2
1.10	Ноутбук Dell 17.3" FHD Touch Intel i5- 5200U/8/1000/DVD/NVD845-2/WIFI/BT/W8.1	1408,00	2
1.11	Планшет Samsung Galaxy Tab S2 T815 Super AMOLED 9.7" 3Gb/SSD32Gb/BT/WIFI/LTE/Black	796,00	1
1.12	Серверний блок Supermicro SYS-5018D-MTF	1.350,00	1
1.13	Магнітна дошка 1500X1000	117,00	1
1.14	Монітор LCD Asus 21.5" VS228DE D-Sub	141,00	1
1.15	Polycorn Real Presence Group 300 - 720p (Eagle Eye Acoustic cam)	3.800,00	1
1.16	Принтер A3 Epson L1800 Фабрика печати	885,00	1
1.17	3D Printer Leapfrog CreatrXL (made in Netherlands)	6.400,00	1
1.18	3D SCANNER DAVID SLS-2 (made in Germany)	3.752,00	1
1.19	Materials for 3D printer (ABS)	38,00	4
1.20	Materials for 3D printer (PLA)	38,00	4



P8-University of Banking

#	Product name
1	Tobii Eyetracker system Official co-finance from Tobii Company
2	3D Printer Ultimaker 2 PiEdition
3	Materials for 3d printer (ABS), kg
4	Materials for 3d printer (PLA), kg
5	Notebook HP ProBook 470 17.3HD+ AG/Intel 13-3120 /4/500/DVD/HD8750-I/BT/WIFI/Lin
6	Bags for laptops
7	PC DELL OptiPlex 9020 MiniTower
8	Mouse and Keyboard
9	Monitor LED LCD Samsung 23.6" S24D590PL FHD 5ms, D-Sub, 2xHDMI, PLS, Headphone, Black, 178/178
10	Tablet ASUS TF103C-1B026A 10" IPS Intel 1.83GHz (QC) / IGB/16GB/WIFI/BT/2xCam/Keyb/Android 4.4/White
11	Tablet ASUS T300FA-FE002H 12.5" Touch Intel 5Y10/4/1000+64SSD/NOODD

P9-KhNU: 21.03.2016

#	Product name
1	EQUIPMENT SET (KHNU SET) "Knowledge Transfer Composed of:
1.1	System Unit Everest (Core i7, 8GB, 1Tb, Win10 Pro, Office Standard, Antivirus, Keyboard, Mouse)
1.2	Monitor LED LCD Samsung 23.6 FHD 5ms, D-Sub, HDMI, PLS, White
1.3	Laptop ASUS Zenbook 13.3 QHD+ AG/Intel i5-5200U/8/256SSD/Intel HD/W10P/Office Standard/Antivirus
1.4	MFP A4 HP Color LJ Pro M177fw c Wi-Fi
1.5	Set of ink cartridges
1.6	Projector Epson EB-X31 (XGA, 3200 ANSI Lm)
1.7	Lamp Epson ELPLP88
1.8	UPS Back-UPS 500VA, Schuko
1.9	Switch HP 1420-24G-2SFP Unmanaged Switch, 24xGE, 2xGE SFP ports L2, LT Warranty
1.10	AP D-Link DAP-2360
1.11	SmartBoard FBM 680V with short-throw projector
1.12	Bindstream Agent B-25-2 (1020316)
1.13	Laminator PL 1310 Royal Sovereign
1.14	TV-set LED 3D LG 42" with smart and Wi-Fi
1.15	Whiteboard ALU23, 120x180cm.

1.16	Cable DIGITUS 6 UTP, 305m, AWG 23/1, PVC, серый
1.17	Film for laminating lamiMARK A3 100mkn
1.18	Plastic binding combs 21 rings (100 piece)
1.19	3D Printer ZORTRAX M200
1.20	3D Printer FLASHFORGE CREATOR PRO
1.21	Plastic PLA
1.22	Plastic ABS



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P10-KSMA:

№	Item / Description/ Опис обладнання	Кількість Q-ty
1	3d printer Ultimaker-2 Initial set of materials 5kg ABS + 5 kg PLA	1
2	3d Printer Smartprint UPrint SE 3D Print Pack Startup supply of materials and bases Initial set of materials 5kg ABS Plus +5 kg Support (soluble)	1
3	3d scanner David Laserscanner SLS-2	1
4	Notebook ASUS N551JX (N551JX-CN197T)	3 (1.400 per unit)
5	Projector Vivitek Qumi Q5-Yellow DLP	1
6	Screen Epson ELPSC21 (V12H002S21)	1
7	HP LaserJet M127 fw c Wi-Fi, A4, (Printer /Copier /Scanner /Fax)	1
8	HP Color LaserJet CP1025nw, A4	1
9	Magnetic board marker	1
10	Cartridge HP LJ 90A M4555 MFP Black (CE390A)	1
	Installation service	1

P11-DSTU:

#	Product name
1	3d printer EnvisionTEC Perfactory Micro EDU
2	3d scanner David Laserscanner SLS-2
3	Notebook ASUS N550JK (N550JK-CN008H)
4	Projector ASUS P1 (90LJ0010-B0004-AS)
5	Screen Epson ELPSC21 (V12H002S21)
6	Laser printer HP LaserJet M601dn, A4
7	Scanner HP Scan Jet N6350 Network Fltbd
8	Notebook ASUS Zenbook UX302LG
9	Router Wi-Fi ASUS RT-N18U 3G/4G
10	System ASUS VIVOPC-VM60-G003M
11	USB-drive 64GB TRANSCEND JetFlash 780 USB3.0
12	Cartridge HP LJ 90A M4555 MFP Black (CE390A)
13	Notebook HP Pavilion 17-f005sr (G7Y05EA)