Name and address of the contracting authority: NARODNI MUZEJ LESKOVAC (National museum Leskovac), Stojana Ljubića br. 2., 16000 Leskovac
Title of the tender: Supplay technical equipment for the needs of National museum Leskovac
Reference number : No CB007.2.11.224 . ,,Heterotopias''
Public procurememnt plan: our ref: PP2 . No 8-2019.

PART A: INFORMATION FOR THE TENDERER

1. INFORMATION ON SUBMISSION OF THE TENDERS

Subject of the contract:
Supplay technical equipment for the needs of National museum Leskovac – Project partner PP2 . Project name: Heterotopia, No CB007.2.11.224 . Procurement plan No 1. Date 31.05.2019.

The subject of this tender is:
- Provision of supplies as indicated in the technical information in the point 2 of these information;

Deadline for submission of the tenders:

The deadline for submission of tenders is **23 . october 2019. year, at 12:00 hours**. Any tender received after this deadline will be automatically rejected.

Address and methods for submission of the tenders:

The tenderers will submit their tenders using the **standard submission form available in the Part B of the tender dossier**. The tender will be submitted in 1 original. Any tenders not using the prescribed form might be rejected by the contracting authority.

In addition to the offer the tenderer is required to provide the following supporting documentation (in copies or scanned versions in case of e-mail submission):
- Copy of legal registration,
- Declaration on honour on exclusion criteria and selection criteria (Annex 14 of PRAG).
- Copy of the National Bank's of Serbia (NBS) conformation of the number of days blocked in the previous three years,
- Copies of the original annual accounts – balanse sheet for the previous three years 2016., 2017. and 2018. year,
- Reference list on the subject procurement carried out in the previous three years with a minimum value of RSD 3.7 milion duly signed and certified on a memorandum.

Submission method – delivery by post:
The tenders will be submitted via post/currier, containing the following information:
- Name and address of the tenderer
- Title of the tender:
- Reference number (if applicable or e-mail):

The tenders will be submitted in person, by post or courier service to the following address:
- Narodni muzej Leskovac
- Stojana Ljubića 2., 16000 Leskovac
- Suzana Ranđelović

The tenderers are reminded that in order to be eligible the tenders <u>need to be received by the contracting authority</u> by the deadline indicated above.

2. TECHNICAL INFORMATION

The tenderers are required to provide supplies as indicated below. In the tenderer's technical offer, the tenderers will indicated more details on the deliveries, referring back to the below table. – Supply of equipment – B5.2 , public procurement plan No 1 , date 31.05.2019. – At the request of the contracting authority to initiate procurement No 1037-1 date 27.09.2019. year, according to the supply specification from 17.04.2018. submitted.

No.	Number of items	Title of item	Technical specifications	Required time frame
			Supplies	
1.1.	1	**- 3D SCANNER**	- *Light source lamp:white-lite DLP;* **Number and type of cameras:** *2x3.1 Mpx ;* **camera matrix size :1/2'';** **Scanning 3D point:** *from 0,04 mm;* **Texture:** *yes(included) ;* **scan speed:** *12 second per 1 scan;* **Field of view (FOV):** *1 large 520x390x390, 2 medium 280x210x210 , 3 small133x100x100 mm,* **Recomended object size:** *Large0.6 -3 mm , medium 0.3-1 mm , small 0.01-0.4 mm ;* **3D point accuracy :** *1,12 m , 0. 06 m , 0.04 m ;* **3D resolution :** *0.26 m , 0.17m , 0.072 m ;* **working distance:** *1 m , 0,6 m , 0, 3m;* **points density:** *16 pt/mm2 , 54 pt/mm2 , 236 pt/mm2;* **Align mode:** *by markers, by geometry of the objects, on the authomatic turntable;* **export formats:** *stl, ply,obj, asc ;* **Softvere:** *Range Vision scan center (included) ; Automatic turnttable: included , 180x125x60 mm , 0,50 kg , 125 mm platform diametar, 5kg max load, 5V USB power supplay ;* **SIZE:** *Scanner 255x455x100 mm , Case 515x415x200 mm ;* **WIGHT:** *Scanner 1,65 kg , Full packagein case 10,0 kg;* **OPERATION:** *Outdoor operation Yes , working temperature from +5^{0}C tO +30 ^{o}C ;* **HARDWARE:** *Computer connection 2xUSB 2.0 , HDMI, USB 2.0 for turntable , minimal hardware requirements 4GB RAM, CPU I3 or I5, 1,8 GHz , 3 USB ports, video cards with dual monitor support, AC input 220V , 50/60 Hz, power consumption 65W -* **OR EQUIVALENT**	- *15 days from the conclusion of the contract*
1.2.	1	- **VIRTUAL**	- **Displey:** *OLED;* **Resolution:** *2160x1200; refresh*	- *15 days from*

		GLASSES	rate 90 Hz , platform Oculus Home , field of wiev 110 degrees, tracking area 5x5 feat , built in audio Yes, built in mic Yes , controlers Oculus Touch, Xbox one controler, Sensors Accelarometar, gyroscope, magnetometar, constellation tracking camera , connections HDMI, USB 2.0, USB 3.0 ; **REQUIREMENTS:** Nvidia Ge Force GTX 960, AMD rADEON RX 470 or greater , Intel core I3 -6100 or AMD FX 4350 or greater, 8gb + RAM , compatible HDMI, 1,3 video output, 2x 3.0 USB ports and Windows 7. SP1 or newer – **OR EQUIVELANT**	the conclusion of the contract
1.3.	1	- DSLR CAMERA	- **Effective pixees (megapixels)**: 45,7 milion ; **Sensor size:** 35,9 mm x 23,9 mm **; Image sensor format :** FX ; **storage media**: 1XQD card and 1 securedigital SD card, SDHS, SDXC, xqd Type memory; **Top continues shooting**, speed at full resolution, 7 frames per second; **ISO sensitivity:** ISO 64-25.600, iso 32 equivalent, also be set to approx., below ISO 64 or to approx, auto ISO sensitivity control avallabl;, **MOVIE:** 4K UHD 3.840X2.160 / 24,25,30 fps , full HD 1920x1080 24,25,30,50 fps, **monitor size** 3,1 in. diagonal, monitor type LCD, Titing TFT touch sensitive, SD CARD 64 GB - **OR EQUIVELANT**	- 15 days from the conclusion of the contract
1.4.	1	- PHOTO LENS	- Mount type: Nikon F bayonet ; Focal leinght 200 mm , max. aperture ¼ - min. aperture 1,32 , format fx 35 mm , max. reproduction ratio 1.0 x , lens element 13, lens groups 8, compatible formats FX, DX, FX in DX crop mode, 35 mm film, distance information Yes, autofocus Yes, minimum focus distance 1,6 ft, Focus mode auto/manual, filter size 62 mm , accepts filter type Screw-on , approx. dimensions 3.0 in. (76 mm) x 7,6 in. (193 mm) , approx. weight 41.8 gz. (1185 g.) - **OR EQUIVELANT**	- 15 days from the conclusion of the contract
1.5	2	- COMPUTER	- SSD 120 GB sata 3, Motherboard: A320M Pcle/ DDR4/sata3/GLAN/7.1/USB 3.1., PROCESOR 2,2 Ghz 14 nm, 4 phisical/4 logical core/8 GPU core, proces clock 3,5 GHz, memorz 8 GHz DDR4, hard disk 500 GB SATA 2 , 7200 rpm, grafic card integreted in the processor, sound card 7.1 System integrated in motherboard, optical device DVD+/RW SATA, black, DVD multi whriter, housing Midi tpwer black, 500w, manufacturer'swarranty 24 mounths; **MONITHOR:** LCD PANEL TYPE: TFT-LCD, W-LED system, 21,5 inch., aspect ratio 16:9, optimum resolution 1920x1080, 60 Hz, efective viving area 476,64 x 268,11 , response time 5 sec., brightnes 200 cd/m^2, contrast 600:1 , smart	- 15 days from the conclusion of the contract

			contrast 10.000.000:1, pixel pitch 0.248x0.248 ,Viewing angle 90º (H)/65º (V), @ C/R > 10, Display colours 16.7 M, Scanning Frequency 30-83 kHz (H) / 56-76 Hz (V) , sRGB Yes ; **PERIPHERALS : Keyboard** interface USB, keycap laser printing, function key Windows start screen, cable leinght 1,5 m ; **Mouse:** optical sensor 1000 dpi, 3 butons (left, right, middle button with scroll) - Cable length: 1.5m . - *OR EQUIVELANT*	
1.6	2	- *LAP - TOP*	- *Dimensions* **384x253.8x23.8**, **Procesor** : of Cores2, # of Threads4,Processor Base Frequency2.20 GHz, Frequency3.40 GHz, Cache4 MB, TDP15 W, Configurable TDP-down9.5 W, Max Memory Size (dependent on memory type)32 GB, Memory TypesDDR4-2133, LPDDR3-1866, DDR3L-1600, Max # of Memory Channels2, Max Memory Bandwidth34.1 GB/s, ECC Memory Supported ‡No, Graphics Base Frequency300 MHz, Graphics Max Dynamic Frequency950 MHz, Graphics Video Max Memory32 GB, eDRAM64 MB, Graphics OutputDP/DP/HDMI/DVI, 4K SupportYes, at 60Hz, Max Resolution (HDMI 1.4)‡4096x2304@30Hz, Max Resolution (DP)‡4096x2304@60Hz, Max Resolution (eDP - Integrated Flat Panel)‡4096x2304@60Hz, Max Resolution (VGA)‡N/A, VideoYes, # of Displays Supported ‡3, PCI Express Revision3.0, PCI Express Configurations ‡1x4, 2x2, 1x2+2x1 and 4x1, Max # of PCI Express Lanes1, Sockets SupportedFCBGA1356, Max CPU Configuration1, T$_{JUNCTION}$100°**C ; Screen resolution:** 1920x1080 , TFT – LED ; **GPU :** Core speed 1030MHz / 2250 MHz /64 bit /DDR3/GDDER5, max. amount of memory 2048 MB, shared memory NO; **RAM:** 4 GB DDR4; **Storage**: 256 GB SSD; **PORTS:** D-sub out, HDMI out, RJ-45 , USB 3.0 , USB 2.0 . - *OR EQUIVELANT*	- *15 days from the conclusion of the contract*
1.7.	1	- **KINECT DEVICE 1**	- Viewing angle 43° vertical by 57° horizontal field of view , Vertical tilt range ±27° , Frame rate (depth and color stream) 30 frames per second (FPS), Audio format 16-kHz, 24-bit mono pulse code modulation (PCM), Audio input characteristics A four-microphone array with 24-bit analog-to-digital converter (ADC) and Kinect-resident signal processing including acoustic echo cancellation and noise suppression , Accelerometer characteristics, A 2G/4G/8G accelerometer configured for the 2G range, with a	- *15 days from the conclusion of the contract*

			1° accuracy upper limit. - *OR EQUIVELANT*	
1.8.	1	- *CAMERA*	-4K Ultra HD video calling (up to 4096 x 2160 pixels @ 30 fps), 1080p Full HD video calling (up to 1920 x 1080 pixels @ 30 or 60 fps), 720p HD video calling (up to 1280 x 720 pixels @ 30, 60, or 90 fps), Plug-and-play USB connectivity, 90-degree field of view (FOV) with two additional settings (65 and 78 degrees) available with optional software download, 5x digital zoom in Full HD, Autofocus, RightLight™ 3 with HDR for clear image in various lighting environments ranging from low light to direct sunlight, Image controls with optional Camera Settings application for control of pan, tilt, and zoom, Built-in dual omni-directional mics with noise cancellation, Infrared sensor technology for, External privacy shutter, Multiple mounting options, including clip and tripod mount, Supports multiple connection types, including USB 2.0 Type A and USB 3.0 Type A and C connections, Custom carrying case - *OR EQUIVELANT*	- *15 days from the conclusion of the contract*
1.9.	1	- *Multifunctional device for scanning, printing and copying*	- *Printing Technology Laser* – color,Monthly Duty Cycle (max) 40000 impressions,Display Features Touch screen, Fax Type Plain paper, Display Diagonal Size 3.5", Connectivity Technology Wired, AirPrint Enabled Yes, Type Multifunction printer, Standard Memory 192 MB, Max Supported Memory 448 MB, Consumables Included 1 x cartridge (black) - up to 1400 pages, 1 x cartridge (cyan) - up to 1400 pages, 1 x cartridge (magenta) - up to 1400 pages, 1 x cartridge (yellow) - up to 1400 pages, Included Office Machine Accessories phone cable, Display Diagonal Size 3.5", Display Diagonal Size (metric) 8.89 cm, Features touch screen, **COPYING:** Copying Speed Up to 21 ppm (mono) / up to 21 ppm (color), Copying Resolution Up to 300 x 300 dpi (mono) / up to 300 x 300 dpi (color), Copying Speed B/W 21 ppm, Copying Speed Color 21 ppm, Copying Resolution B/W 300 x 300 dpi, Copying Resolution Color 300 x 300 dpi, First Copy Out Time B/W 19 sec, Document Enlargement 400 %, Document Reduction 25 %, Automatic Duplexing Yes, Maximum Copies 99, **PRINTING:** Printing Resolution Up to 600 x 600 dpi (mono) / up to 600 x 600 dpi (color), Printing Speed Up to 21 ppm (mono) / up to 21 ppm (color), Resolution B/W 600 x 600 dpi, Resolution Color 600 x 600 dpi, Printer Drivers / Emulations PCL 5c, PCL 6, PostScript 3, Printing Speed B/W (ppm) 21 ppm, Printing Speed Color (ppm) 21 ppm, Automatic, Duplexing Yes,	- *15 days from the conclusion of the contract*

1.10.	1	- *LIGHTING*	*SCANNING: Optical Resolution 1200 x 1200 dpi, Grayscale Depth 8-bit, Color Depth 24 bit, Automatic Duplexing Yes,* **FAX MACHINE:** *Transmission Speed 33.6 Kbps, Total Memory Capacity 250 pages, Fax Resolutions 203 x 196 dpi, 203 x 98 dpi, 300 x 300 dpi, PC Faxing Yes (send only)* - **OR EQUIVELANT**	- *15 days from the conclusion of the contract*
1.10.	1	- *LIGHTING*	- ***Wireless slave unit mode:*** *Rdio and optical transmission mode compatibiliti with Canon and Nikon ;* ***Flash mode:*** *M/multy wireless of , slave unit rdio ttl/M/multy, slave unit optical ttl/M/multy;* ***Compatible cameras:*** *Nikon canmeras , supporting i-TTL/M/RPT flash, Canon cameras , supporting E-TTL II/M/RPT flash;* ***Flash duration:*** *1/220 to 1/10000 seconds;* ***Power:*** *600 w, 2,4 g, shanels 4 , powwer suuply: lithium battery pack (11.1V/8700 mAH), dimensions: 220x245x125, weight with battery 2,66 kg* - ***OR EQUIVELANT***	- *15 days from the conclusion of the contract*
1.11.	2	- *LED TV*	**Display:** Ultra Clear, Shape Flat Screen, Resolution 3840x2160px, Size 138cm (55 inches), Type LED **Video:** Image Engine UHD Up-scaling**,** PQI (Picture Quality Index) 1500**,** HDR (High Dynamic Range) HDR**,** Active Crystal Color Yes**,** Dynamic Contrast Ratio Mega Contrast**,** Micro dimming UHD dimming**,** Contrast Enhancer Yes, Auto Motion Plus Yes**,** Movie Mode Yes, Natural Mode Support Yes **Audio:** Dolby Digital Plus Yes**,** DTS codec Yes, Output power (RMS)20 W**,** Speaker Type2-Channel (Down Firing + Bass Reflex)**,** Multiroom support Yes, Bluetooth headset support Yes**,** Sound mode for wall mounting Yes **Smart TV:** Apps Yes**,** Web Browser Yes **Comfort / features:** Instant On Yes, Processor quad core, Accessibility Voice Guide, Increase font size and contrast**,** Digital Clean View Yes, Ultra Clean View Yes**,** Automatic channel search Yes, Automatic switch off Yes, Subtitle support Yes, ConnectShare ™ (HDD) Yes**,** ConnectShare ™ (USB 2.0) Yes**,** Electronic Program Guide (EPG) Yes**,** Game Mode Yes**,** Picture-in-picture Yes, Keyboard / Mouse via Bluetooth Yes**,** Keyboard / Mouse via USB Yes**,** Teletext (TTX) Yes **Connectivity:** HDMI 3, USB2**,** Network connection (LAN)Yes, Component input (Y / Pb / Pr)1, Composite input (AV)1 (sharing component Y)**,** Digital audio output (optical)1, Antenna input2, CI + slot1**,** Wi-Fi Yes**,** HDMI ARC (Audio Return Channel)Yes**,** HDMI Quick Switch Yes,Anynet + (HDMI-CEC) Yes **Supported playback formats:** Video CodecH.264 BP / MP / HP, HEVC (H.265 - Main, Main10, Main4: 2: 2 10) in MKV / MP4 / TS Container, Motion JPEG, MVC, Divx 3.11 / 4/5/6, MPEG4 SP / ASP, Window Media Video v9 (VC1), MPEG2, MPEG1, Microsoft MPEG-4 v1, v2, v3,	- *15 days from the conclusion of the contract*

| | | | Window Media Video v7 (WMV1), v8 (WMV2), H 263 Sorrenson, VP6, VP8, VP9, Audio CodecMP3, AAC, FLAC, Vorbis, WMA, wav, midi, ape, AIFF, ALAC, ContainersAVI, MKV, ASF, MP4, 3GP, MOV, FLV, VRO, VOB, PS, TS, SVAF, WebM, File extensionavi, mkv, asf, wmv, mp4, mov, 3gp, vro, mpg, mpeg, ts, tp, trp, mov, flv, vob, svi, m2ts, mts, divx, webm, mp3, m4a, mpa, aac , flac, ogg, wma, wav, mid, midi, ape, aif, aiff, m4a
Dimensions (W x H x D): Dimensions without feet (mm)1237.2 x 716.1 x 55.2**,** Dimensions with feet (mm)1237.2 x 778.9 x 296.2**,** Packaging (mm)1487 x 812 x 157
Mass: Weight without foot (kg)16.9**,** Weight with foot (kg)19,6**,** Weight with packaging (kg)25,6
Scope of delivery (accessories): Remote control incl. Batteries Smart Remote**,** Power cable Yes**,** Instructions Yes
   - *OR EQUIVELANT* | 7 |
| | | | | |

All supplies under this contract may originate from any country.

3. FINANCIAL INFORMATION

The tenderers are reminded that the maximum available value of the contract is 15.615,00 EUR.
 - equal in RSD in currency exchange rate of the InforEuro at the month of payment. Payments under this contract will be made in RSD.
- The applicable tax and customs arrangements are as follows:
Exemption of taxes:
The applicable tax and customs arrangements are the following:
The Contract shall be exempted from VAT.
The European Commission and the Republic of Serbia have agreed in "Framework Agreement between the Republic of Serbia and the European Commission on the arrangements for implementation of union financial assistance to the republic of Serbia under the instrument for precession assistance IPA II)",, Article 28 Rules on taxes, customs duties and other fiscal charges, that contractors shall be exempted from VAT.

4. ADDITIONAL INFORMATION

The award criterion is:
-   Lowest price of technically compliant offer.

The successful tenderer will be informed of the results of the evaluation procedure in written.

The estimated time of response to the tenderer is 10 days from the deadline for submission of tenders.