

## CLARIFICATIONS No:1 to TENDER DOSSIER

**Contract Title:** Supply of Medical, IT and Electrical Equipment for Mental Health Centres

**Publication Reference:** SIHHAT/2020/SUP/INT/18

BB: c4g\_annexivfinoffer\_en [ANNEX IV : Budget breakdown (Model financial offer)]

TS: c4f\_annexiitechspeciitechoffer\_en [Annex II + III: Technical Specifications + Technical Offer]\*

\* *In-parenthesis parts show the title inside the documents.*

Further to the requests received from the tenderers, the following clarifications are provided.

#	DOC	ART / ITEM	CLAUSE	QUESTION	ANSWER
1	BB	NA	NA	In the financial offer draft, there are three parts for some equipment which will submit with the offer at below:- [Spare parts with detailed annex including unit prices] [Consumables with detailed annex including unit prices] [Life cycle costs with detailed annex including unit prices] Please inform us detaily how we fill this financial offer and how we submit these requested prices?	You are expected to either fill the relevant part or enclose a document showing the requested prices for the possible requests/needs of the Beneficiary in the future. Please also refer to the relevant part of the instruction to the tenderers.
2	TS	1.4.8	R410A Environment-Friendly Gas should be available.	Could you please consider revising the clause, as “R410A or R32 Environment-Friendly Gas should be available” in order to increase the competition and the requirement to be in line with EU regulations as use of R32 environmental gas is encouraged with 65% lower GWP than R410A.	Please see the Changes-1 to the Contract Notice and Tender Dossier.

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3	TS	1.8	Coffee Maker	There is no product in the market meeting the origin requirements of the tender. Therefore we kindly request this item to be removed from the product list. Because partial offer to the lot is not acceptable and this limits the competition. Plus, risks the cancellation of lot.	The Item/product has been removed from the supply list. Please see the Changes-1 to the Contract Notice and Tender Dossier.
4	TS	1.9	Radio Telephone (Dect)	Please could you give us more detail about Radio Telephone system? It will be an ip or analog system? There is an existing pbx phone central system existing? If it is then could you please kindly share the specifications of the device ? In plant is there any existing base station in case of an ip system? If it is then could you please kindly share the specifications of the device for integration of deck phones?	The radio telephone device will be used with the existing PBX system. The system is, KAREL IPG500 IP/HYBRID PBX SYSTEM.
4	TS	1.10.6	Passive Cabinet Speaker	There is no emphasis on the quantity of Passive Cabinet Speaker which supposed to be two according to our market research. We kindly request to clarify this issue.	2 (two) passive cabinet speaker shall be provided.
5	TS	1.10.7.2	Frequency agile wireless microphone system with fixed receiver, hand-held type transmitter, SMPS switching mode power source (EU/USA/United Kingdom), Stand Adapter, 1 AA battery.	These standards directly lead us to only AKG brand which is against the fair competition. Despite the fact that this brand is German, It is manufactured in China. For this reason. It violates the rule of origin. We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to be able to offer domestic products; <b>"Frequency agile wireless microphone system with fixed receiver, hand-held type transmitter, Stand Adapter, 1 AA battery"</b>	Please see the Changes-1 to the Contract Notice and Tender Dossier.

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6	TS	1.10.8.2	Frequency agile wireless microphone system with SR45 fixed receiver, PT45 pocket transmitter, SMPS switching mode power source (EU/USA/United Kingdom), CK99 Lapel Mic, 1 AA battery.	<p>These standards directly lead to only AKG brand which is against the fair competition. Despite the fact that this brand is German, It is manufactured in China. For this reason,It violates the rule of origin.</p> <p>We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to be able to offer domestic products;</p> <p><b>"Frequency agile wireless microphone system with fixed receiver, pocket transmitter, Lapel Mic, I AA battery."</b></p>	Please see the Changes-1 to the Contract Notice and Tender Dossier.
7	TS	1.10.9.6	Recommended load impedance: $\geq 2,000\Omega$ .	<p>We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to be able to offer domestic products;</p> <p>"Recommended load impedance: <math>\geq 600\Omega</math>"</p>	The item will remain unchanged.
8	TS	1.11.4	The camera shall have 1/2.5" CMOS sensor.	Could you please consider revising the clause, as "The camera shall have <b>at least 1/2.7"</b> CMOS sensor.".	Please see the Changes-1 to the Contract Notice and Tender Dossier.
9	TS	1.11.5	The camera light sensitivity shall be max 0.5 lux at F1.2 (when IR is off).	Could you please consider revising the clause, as "The camera light sensitivity shall be max 0.5 lux at <b>F1.5</b> (when IR is off)."	Please see the Changes-1 to the Contract Notice and Tender Dossier.
10	TS	1.11.14	The camera shall provide mbit/s stream in 0.25-10.	<p>Could you please consider revising the clause, as "The camera shall provide at least mbit/s stream in</p> <p><b>H.264: 32 Kbps-8192 Kbps</b></p> <p><b>H.265: 19 Kbps-8192 Kbps."</b></p>	The item will remain unchanged.

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11	TS	1.11.26	The camera shall support ONVIF 1.01 & 1.02.	Could you please consider revising the clause, as “The camera shall support <b>at least ONVIF (Profile S/Profile G)</b> .”	Please see the Changes-1 to the Contract Notice and Tender Dossier.
12	TS	1.11.29	The operating temperature range of the camera shall be -40°C and +50°C.	Could you please consider revising the clause, as “The operating temperature range of the camera <b>at least</b> shall be <b>-30'C</b> and +50"C.”	The item will remain unchanged.
13	TS	1.11.31	The camera shall have CE, FCC, ACA, UL, DIN EN 50130-4 certificates.	Could you please consider revising the clause, as “The camera shall have <b>at least CE, FCC,UL</b> certificates.”	Please see the Changes-1 to the Contract Notice and Tender Dossier.
14	TS	1.12.4	The camera shall have 1/2.5” CMOS sensor.	Could you please consider revising the clause, as “The camera shall have at least <b>1/2.7"</b> CMOS sensor.”	Please see the Changes-1 to the Contract Notice and Tender Dossier.
15	TS	1.12.5	The camera light sensitivity shall be max 0.5 lux at F1.2 (when IR is off).	Could you please consider revising the clause, as “The camera light sensitivity shall be max 0.5 lux at <b>F1.5</b> (when IR is off).”.	Please see the Changes-1 to the Contract Notice and Tender Dossier.
16	TS	1.12.14	The camera shall provide mbit/s stream between 0.25-10.	Could you please consider revising the clause, as “The camera shall provide at least mbit/s stream in <b>H.264: 32 Kbps-8192 Kbps</b> <b>H.265: 19 Kbps-S192 Kbps.”</b>	The item will remain unchanged.
17	TS	1.12.26	The camera shall support ONVIF 1.01 & 1.02.	Could you please consider revising the clause, as “The camera shall support <b>at least ONVIF (Profile S/Profile G)</b> ”.	Please see the Changes-1 to the Contract Notice and Tender Dossier.
18	TS	1.12.29	The operating temperature range of the camera shall be -40°C and +50°C.	Could you please consider revising the clause as “The operating temperature range of the camera at least shall be <b>-30 °C</b> and +50'c.”	The item will remain unchanged.

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19	TS	1.12.31	The camera shall have CE, FCC, ACA, UL, DIN EN 50130-4 certificates.	Could you please consider revising the clause as "The camera shall have at least CE, FCC,UL certificates."	Please see the Changes-1 to the Contract Notice and Tender Dossier.
20	TS	1.13	Network Recorder (Nvr) Ds-7732ni-K4/16p	"Ds-7732ni-K4 / 16p" is the product codes of Hikvision and Haikon brands which is against the fair competition. We kindly request to change the mentioned product name as follows, in order to encourage competition and to be able to comply with the rule of origin. <b>"Network Recorder (Nvr) "</b>	Please see the Changes-1 to the Contract Notice and Tender Dossier.
21	TS	1.13.4	The frame of the NVR device shall have a height of maximum 2U and suitable for 19" rack cabinet mounting.	Based on our market research, European or Turkish manufactured products which meets both feature of "height of 2U" and "rule of origin is not available on market. Products that meet the rule of origin at least should be 3U. We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to be able to comply with the rule of origin. <b>"The frame of the NVR device shall have a height of maximum 3U and suitable for 19" rack cabinet mounting."</b>	Please see the Changes-1 to the Contract Notice and Tender Dossier.
22	TS	1.13.5	The NVR device shall be controllable on browser (Internet Explorer, Firefox, Chrome) without needing any software.	We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to be able to comply with the rule of origin. <b>"The NVR device shall be controllable on browser (Internet Explorer, Firefox, Chrome) without needing any software or will be</b>	The item will remain unchanged.

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				<b>controllable with software which should belong to manufacturer."</b>	
23	TS	1.13.7	The NVR device shall support H265+/H.265/H.264+/ H.264 and MPEG4 video compression formats.	We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to be able to comply with the rule of origin. <b>"The NVR device shall support one of the following H265+ or H.265 or H.264+ or H.264 or MPEG4 video compression formats."</b>	Please see the Changes-1 to the Contract Notice and Tender Dossier.
24	TS	1.13.9	The NVR device shall support at least 32 IP cameras.	There is an inconsistency between quantity of cameras and NVR. 16 channel NVR is adequate to support this project. We kindly request to change the item as follows in order to prevent misuse of beneficiary funds. <b>"The NVR device shall support at least 16 IP cameras."</b>	Please see the Changes-1 to the Contract Notice and Tender Dossier.
25	TS	1.13.10	The NVR manufacturer shall be an ONVIF Full member and also an ONVIF Communication Committee member.	Based on our market research, the products which meets both feature of "requested feature" and "rule of origin is not available on market. We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to be able to comply with the rule of origin. <b>"The NVR manufacturer shall be an ONVIF member."</b>	Please see the Changes-1 to the Contract Notice and Tender Dossier.

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26	TS	1.13.11	The total recording bandwidth of the NVR device shall be at least 256 Mbps, and the output bandwidth shall be at least 160 Mbps.	This specification refers to 32 Channel NVR. We ask to change it as 16 Channel NVR. If it is accepted by your side, We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to be able to comply with the rule of origin. “The total recording bandwidth of the NVR device shall be at least <b>144 Mbps</b> , and the output bandwidth shall be at least <b>144Mbps</b> .”	Please see the Changes-1 to the Contract Notice and Tender Dossier.
27	TS	1.13.12	The NVR device shall have minimum 1 HDMI output and this output shall support a display resolution of 4K (3840x2160) and 2K (2560x1440).	Based on our market research, products which meets both feature of "requested feature" and "rule of origin is not available on market. We kindly request to change as follows in order to comply with the rule of origin. “The NVR device shall have minimum 1 HDMI output <b>or display port</b> .”	Please see the Changes-1 to the Contract Notice and Tender Dossier.
28	TS	1.13.13	The NVR device shall have minimum 1 VGA output and this output shall support a display resolution of 1920x1080p.	We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to be able to comply with the rule of origin. “The NVR device shall have minimum 1 VGA output <b>or DVI</b> and this output shall support a display resolution of 1920x1080p.”	Please see the Changes-1 to the Contract Notice and Tender Dossier.
29	TS	1.13.16	NVR device shall have dual operating system for enhanced security and stability.	Based on our market research, European or Turkish manufactured products which meets both feature of "requested feature" and "rule of origin is not available on market. We kindly request to exclude the mentioned technical specification from the scope of tender, in order to encourage competition and to be able to comply with the rule of origin.	Please see the Changes-1 to the Contract Notice and Tender Dossier.

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30	TS	1.13.22	The NVR device shall have Dual Streaming feature.	<p>Based on our market research, products which meets requested feature and rule of origin is not available on market.</p> <p>We kindly request to exclude the mentioned technical specification from the scope of tender, in order to encourage competition and to be able to comply with the rule of origin.</p>	Please see the Changes-1 to the Contract Notice and Tender Dossier.
31	TS	1.13.26	The NVR device shall support 16 RJ-45 10/100 PoE.	<p>This feature lead us to Hikvision and Haikon brands“Ds-7732ni-K4 / 16p”.</p> <p>Based on our market research, products which meets both feature of requested feature and rule of origin is not available on market.</p> <p>We kindly ask to include the following technical specification as item 1.13.40 under item 1.13 Network Recorder (Nvr) in order to offer convenient product for beneficiary uses.</p> <p>"Network Recorder (Nvr) should be provided with 16 port 10/100 POE managed switch"</p>	Please see the Changes-1 to the Contract Notice and Tender Dossier.
32	TS	1.13.28	The cameras connected to the NVR device shall have a privacy masking feature which is individually adjusted for each one.	<p>This feature leads us to Hikvision and Haikon brands.</p> <p>Based on our market research products which meets both feature of "requested feature" and "rule of origin is not available on market.</p> <p>We kindly request to exclude the mentioned technical specification from the scope of tender, in order to encourage competition and to be able to comply with the rule of origin.</p>	Please see the Changes-1 to the Contract Notice and Tender Dossier.

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33	TS	1.13.30	The NVR device shall have RS232 and RS485 serial port connection.	We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to be able to comply with the rule of origin. “The NVR device shall have RS232 <b>or</b> RS485 serial port connection.”	Please see the Changes-1 to the Contract Notice and Tender Dossier.
34	TS	1.13.33	The NVR device shall support TCP/IP, HTTPS, DHCP, DNS, DDNS, NTP, SADP, SMTP, UPnP, ISCSI and NFS protocols.	We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to be able to comply with the rule of origin. “The NVR device shall support TCP/IP, HTTPS, DHCP, DNS, DDNS, NTP protocols.”	Please see the Changes-1 to the Contract Notice and Tender Dossier.
35	TS	1.13.34	The NVR device shall be capable of functioning at temperatures between -10 and +55 and maximum relative humidity of 90%.	This feature lead us to Hikvision and Haikon brands“Ds-7732ni-K4 / 16p”. These products will be installed on system control room instead of outdoor. We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to be able to comply with the rule of origin. “The NVR device shall be capable of functioning at temperatures between +5 and +40 and maximum relative humidity of 70%.”	Please see the Changes-1 to the Contract Notice and Tender Dossier.

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36	TS	1.13.35	The NVR device shall be capable of functioning at a voltage range of 100-240VAC.	NVR should record in the basis of 24/7. System requires redundant power supply to record. We kindly request to change the mentioned technical specification as follows, in order to run system properly. "The NVR device shall be capable of functioning at a voltage range of 100-240VAC. <b>The NVR device shall include at least 2 power supplies. Optionally 3rd Power Supply can also be added.</b> "	Please see the Changes-1 to the Contract Notice and Tender Dossier.
37	TS	1.13.36	The NVR device shall be capable of recording for at least 60 days.	At least recording for 60 days, NVR requires RAID and hot swap feature in order to protect data storage preventing HDD malfunction. We kindly request to change the mentioned technical specification as follows, in order to run system properly. "The NVR device shall be capable of recording for at least 60 days. <b>Recording shall support RAID6 and Hot Swap features.</b> "	Please see the Changes-1 to the Contract Notice and Tender Dossier.
38	TS	2.2.14	There should be at least 2 700 watts of power supply in the redundant structure on the server.	In the wording, we see that you want 2 700 power supply needed. Do you mean at least 2.700 watt minimum power supply. Or at least 2x700=1400 watt power supply?	The Item/product (2.2 Server Computer) has been removed from the list and the relevant specifications removed from the Annex II + III: Technical Specifications + Technical Offer accordingly. Please see the Changes-1 to the Contract Notice and Tender Dossier.
39	TS	2.2.22	The virtualization software on the product must be included in the offer with its support and license to cover the full capacity of the proposed server.	What type of virtualization software should be included to the system and virtualization software will be used as a cluster or for each server separately, Please define the "cover the full capacity of proposed server".	The Item/product (2.2 Server Computer) has been removed from the list and the relevant specifications removed from the Annex II + III: Technical Specifications + Technical Offer accordingly. Please see

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				Hyper-V can be used or Beneficiary request Vmware or such different virtualization software.  We understand that you want a virtualization software which covers servers. There are 2 virtualization software vendor we can offer. Microsoft Hyper V and Vmware ESX but there is no technical specifications which defines the virtualization software. Do you prefer vmware or hyper – v ?	the Changes-1 to the Contract Notice and Tender Dossier.
40	TS	2.3.4	It should have laserjet printing technology.	We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to increase the participants of the tender. "It should have laserjet <b>or laser</b> printing technology."	Please see the Changes-1 to the Contract Notice and Tender Dossier.
41	TS	2.3.16	It should support XP, Win7, 8, 10, 2003/2008/2012, Linux systems.	Windows give no longer support old versions of operating systems. We kindly request to change the mentioned technical specification as follows because manufacturers of printers can not give support for older versions of Windows operating systems. <b>"It should support Win8.1, 10, 2012, Linux systems."</b>	Please see the Changes-1 to the Contract Notice and Tender Dossier.
42	TS	2.4.4	It should have LaserJet printing technology.	We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to increase the participants of the tender.	Please see the Changes-1 to the Contract Notice and Tender Dossier.

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				"It should have laserjet <b>or laser</b> printing technology."	
43	TS	2.4.12	There should have at least 1200 Mhz central processing unit (CPU).	We kindly request to change the mentioned technical specification as follows, in order to encourage competition and to increase the participants of the tender. "There should have at least <b>1000</b> Mhz central processing unit (CPU)."	Please see the Changes-1 to the Contract Notice and Tender Dossier.
44	TS	2.4.14	It should support to XP, Win7, Win8, Win10, Win2003/2008/2012 and Linux systems.	Windows give no longer support old versions of operating systems. We kindly request to change the mentioned technical specification as follows because manufacturers of printers can not give support for older versions of Windows operating systems. "It should support Win8.1, 10, 2012, Linux systems."	Please see the Changes-1 to the Contract Notice and Tender Dossier.
45	TS	3.14.5	It should be possible to view the time information on the main screen of the monitor. The monitor should have a built-in battery ensuring that all functions can be maintained for minimum 1 (one) hour.	We kindly request the following modification in the article: It should be possible to add the EtCO2, CCO (Continuous Cardiac Output) or Cardiac output (invasive method thermodilution) or PICCO or ICG (non-invasive cardiac output) measurements on all the devices to be proposed. It should be possible to perform measurement if the necessary module, cable and accessory kits are procured.	The item will remain unchanged.

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47	TS	3.14.22	<p>At least one of the technological features specified in articles a, b, c, d (original software and hardware features from clinic protocols) should be available as a standard on the proposed devices.</p> <p>a. DINAMAP NIBP and EK-Pro Arrhythmia Analysis</p> <p>b. iNIBP and ECI arrhythmia analysis.</p> <p>c. Sequence Mode, Horizon Trend, EASI and STAR Algorithm</p> <p>d. CNAP Smart Pod and TruST</p>	<p>We kindly request removal of 3.14.22 article from the technical statement.</p>	<p>Please see the Changes-1 to the Contract Notice and Tender Dossier.</p>
48	TS	3.14.23	<p>ECG/Heartbeat rate and ST analysis measurements of the monitors should have the following features;</p> <p>a. It should be possible to perform the ECG analysis of the device with 3, 5 or 6-tip cable.</p> <p>b. It should be possible to perform 12 lead ECG measurement if desired.</p> <p>c. It should be possible to perform ST measurement belonging to each channel. 12 channel ST software should be standard, it should be possible to perform analysis only by plugging the cable.</p> <p>d. Basic arrhythmia software should be available on the device.</p> <p>e. It should be possible to select the ECG signal rate at minimum three (12.5, 25, 50 mm/s) different steps</p>	<p>We kindly request the following modification in the article "c": <b>"It should be possible to perform ST measurement belonging to each channel. 12 channel ST software should be standard or ST analysis up to 7 leads from ECG cable 5 and 10 leads."</b></p>	<p>Please see the Changes-1 to the Contract Notice and Tender Dossier.</p>

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			<p>and the amplitude setting at minimum four different steps.</p> <p>f. It should be capable of detecting pace signal via ECG. It should be possible to measure the heartbeat rate between minimum 30 - 240 beats/min. on the monitors. It should be possible to view the heartbeat via ECG, SpO2, IBP on the monitors.</p> <p>g. ECG filter feature should be available.</p>		
49	TS	3.14.30	<p>Optional PICCO or CCO (continuous cardiac output) measurement features of the monitor should be as follows;</p> <p>a. Measurement range should be between minimum 0.5 and 15 lt/min.</p> <p>b. It should be possible to display thermodilution curve, average cardiac output value, cardiac index and blood temperature on the monitor screen.</p> <p>c. It should be possible to display minimum 4 samples on the screen.</p>	We kindly request removal of 3.14.30 article from the technical statement.	The item will remain unchanged.