

**DIGITAL DMR TIER III SIMULCAST TRUNK WIDE AREA RADIO SYSTEM FOR
ISTANBUL PROVINCIAL DISASTER AND EMERGENCY MANAGEMENT
DIRECTORATE**

(AF-AIIB-GA1.1)

ADDENDUM NO.1

INTRODUCTION

This addendum is issued to all tenderers who procured the Tendering Documents for the **Procurement of Digital DMR Tier III Simulcast Trunk Wide Area Radio System for Istanbul Provincial Disaster and Emergency Management Directorate** outlined above. The original Tendering Documents were issued on 12th of September, 2024.

The provision of this Addendum is being issued for the following purposes:

1. To amend and supersede certain provisions of the original documents which have become necessary as a result of changing circumstances or additional information being available from the Client.
2. To provide clarification on certain aspects of the original documents issued to tenderers.

The Provisions in respect of both of these headings are given hereunder:

AMENDMENTS AND CLARIFICATIONS

AMENDMENTS

Amendment No.	Tendering Document Page No.	Tendering Document Reference Clause	Clause in the Original Tendering Document	Amended Clause
1	41	ITT 22.1	For Tender submission purposes only, the Purchaser's address is: Attention: <i>Yalçın KAYA</i> Address: <i>Kısıklı Mah. Alemdağ Yan yolu Cad. No:6 Üsküdar</i> Floor/ Room number: - City: <i>İstanbul</i> ZIP/Postal Code: <i>34692</i> Country: <i>Republic of Türkiye</i> The deadline for Tender submission is:	For Tender submission purposes only, the Purchaser's address is: Attention: <i>Yalçın KAYA</i> Address: <i>Kısıklı Mah. Alemdağ Yan yolu Cad. No:6 Üsküdar</i> Floor/ Room number: - City: <i>İstanbul</i> ZIP/Postal Code: <i>34692</i> Country: <i>Republic of Türkiye</i> The deadline for Tender submission is:

			Date: October 31, 2024 Time: 14:00 (Local Time)	Date: November 21, 2024 Time: 14:00 (Local Time)
2	41	ITT 25.1	The Tender opening shall take place at: Address: Kısıklı Mah. Alemdağ Yan yolu Cad. No:6 Üsküdar Floor/ Room number: - City: Istanbul ZIP/Postal Code: 34692 Country: Türkiye Date: October 31, 2024 Time: 14:00 (Local Time) The electronic tender opening procedures shall be: N/A	The Tender opening shall take place at: Address: Kısıklı Mah. Alemdağ Yan yolu Cad. No:6 Üsküdar Floor/ Room number: - City: Istanbul ZIP/Postal Code: 34692 Country: Türkiye Date: November 21, 2024 Time: 14:00 (Local Time) The electronic tender opening procedures shall be: N/A
3	8	Specific Procurement Notice (SPN) Clause No.6	Tenders must be delivered to the address below on or before 31th of October, 2024 at 14:00 . Electronic tendering will not be permitted. Late Tenders will be rejected. Tenders will be publicly opened in the presence of the Tenderers’ designated representatives and anyone who chooses to attend at the address below on 31th of October, 2024 at 14:00 .	Tenders must be delivered to the address below on or before 21st of November, 2024 at 14:00 . Electronic tendering will not be permitted. Late Tenders will be rejected. Tenders will be publicly opened in the presence of the Tenderers’ designated representatives and anyone who chooses to attend at the address below on 21st of November, 2024 at 14:00 .
4	93	Section VII - Schedule of Requirements - Sub-Clause No.7.5	Providing of the computers for the Dispatch Operator console system that shall be deployed for Voice Recording and operator console system (dispatch) required in Hasdal and Akfırat operation centers	Providing of the computers for the Dispatch Operator console system that shall be deployed for Voice Recording and operator console system (dispatch) required in Hasdal and Akfırat operation centers Computer Specs: The specifications of the server to be provided to the contractor for the installation of the Voice Recording and operator console system (dispatch) software needed in Hasdal and Akfırat operation centers are specified below: Processor Intel Xenon E5 Memory: 48 GB Hard Disk 1 TB Operating System Windows Server 2016

5	97	Section VII - Schedule of Requirements - Sub-Clause No.10.7.1	Radio call authorization based on radio identity number shall be configured through the system management software to determine which call types each radio is authorized for. Changing this feature will not require reprogramming of the radio for setting authorization levels; all operations will be carried out centrally through the system management software.	Radio call authorization based on radio identity number shall be configured through the system management software to determine which call types each radio is authorized for. Changing this feature will not require reprogramming of the radio for setting authorization levels; all operations will be carried out centrally through the system management software. Emergency call and group call authorizations are exceptions of this clause.
6	98	Section VII - Schedule of Requirements - Sub-Clause No.12.1	The radios shall be roaming capable between Base Station Sites.	The radios shall be capable of roaming between Base Station Sites seamlessly, even if the base stations are operating in the same frequency channel.
7	98	Section VII - Schedule of Requirements - Sub-Clause No.12.2	Each radio device shall be registered on the Core Network with its unique ID and the authentication key or electronic serial number assigned to it. The radio devices that are not registered on Core Network radio database shall not be able to register on the system.	The system registration feature with two different ID numbers will be valid for all radios newly purchased under this tender. However, existing radios in the inventory of the administration can be included in the system with a single identification number. The feature of being added to the system with a single ID number can be disabled when desired.
8	98	Section VII - Schedule of Requirements - Sub-Clause No.12.3	Each radio group shall be registered on the Core Network with its group ID number. Therefore, radio devices that do not match the group ID number shall not be able to initiate group calls within the system.	Each radio group shall be registered on the Core Network with its group ID number. Therefore, radio devices that do not match the group ID number shall not be able to initiate calls from that group.

9	99	Section VII - Schedule of Requirements - Sub-Clause No.14.1	A graphic-based network diagram displaying all system elements and connections, excluding radios, shall be monitored in real-time.	A graphic-based network diagram displaying repeater alarms and site locations , shall be monitored in real-time.
10	99	Section VII - Schedule of Requirements - Sub-Clause No.14.4	All voice and data traffic through system base stations analysis shall be monitored and transferred to an electronic recording environment. (eg USB disc)	All voice (and additionally data traffic is also preferred) through system base stations shall be monitored and transferred to an internal hard disk of a pc or a server .
11	99	Section VII - Schedule of Requirements - Sub-Clause No.14.5	System performance analysis (for call types, call durations, busy hours, etc.) and critical data queries shall be available.	System performance analysis (for call types, call durations, etc.) and critical data queries shall be available.
12	100	Section VII - Schedule of Requirements - Sub-Clause No.15.6	The Dispatch Console System shall be deployed on and be compliant with computers provided by the Purchaser.	The Dispatch Console System shall be deployed on and compatible with computers provided by the Purchaser that have at least the following features . Processor: Intel i5 7th Generation Memory: 6 GB Hard Disk: 1 TB Operating System: Windows 10 64x
13	101	Section VII - Schedule of Requirements - Sub-Clause No.15.19	The system administrator shall be able to set which channels shall be visible on the screens of operator computers, which channels the operator shall listen to, and other settings according to the Purchaser's request.	The system administrator shall be able to set which channels shall be visible on the screens of operator computers, which channels the operator shall listen to according to the Purchaser's request .

14	101	Section VII - Schedule of Requirements - Sub-Clause No.15.20	Groups created in DMR Trunk Network and radios connected via gateways on the screen shall be configurable, and the system administrator shall be able to configure only the necessary group for the operator according to İstanbul AFAD's request.	Groups created in DMR Trunk Network and radios connected via gateways on the screen shall be configurable, and the system administrator shall be able to configure only the necessary DMR Trunk Simulcast group for the operator according to İstanbul AFAD's request.
15	101	Section VII - Schedule of Requirements - Sub-Clause No.15.27	Dispatch operator software licenses shall be able to be increased (Additional licenses) in case of İstanbul AFAD's need.	Dispatch operator additional software licenses shall be able to be purchased with the license price declared in price list of the Bidder's bid as additional cost to the Purchaser in case of İstanbul AFAD's extra license need during the warranty period.
16	102	Section VII - Schedule of Requirements - Sub-Clause No.16.3	After final acceptance, relevant software updates shall be provided to the Purchaser free of charge for a period of 5 years.	This clause will be removed.
17	103	Section VII - Schedule of Requirements - Sub-Clause No.18.3	The wind load on the antennas shall not exceed 160 N at a wind speed of 150 km/h.	The wind load on the antennas shall not exceed 368 N at a wind speed of 160 km/h.
18	103	Section VII - Schedule of Requirements - Sub-Clause No.18.5	Antenna input connectors must be of the same type as the system Repeater main output connectors, and antenna bases shall allow for tower attachment with a minimum of 2 (two) separate clamps.	Antenna bases shall allow for tower attachment with a minimum of 2 (two) separate clamps.

19	104	Section VII - Schedule of Requirements - Sub-Clause No.18.9	The bandwidth of the antennas shall be maximum 16 MHz.	The bandwidth of the antennas shall be maximum 24 MHz.
20	105	Section VII - Schedule of Requirements - Sub-Clause No.20.24	The operating temperature range of the devices shall be between -30°C and +60°C.	The operating temperature range of handheld radio devices, excluding the battery, should be between -30°C and +60°C.
21	105	Section VII - Schedule of Requirements - Sub-Clause No.20.26	The Bidder shall present the Test Report showing the compliance of the handheld radio with IP67 or IP68 standards, issued by independent test laboratory, attached with their proposal.	The Bidder shall submit the test report showing that the handheld radio complies with IP67 or IP68 standards in the annex of their bid.
22	106	Section VII - Schedule of Requirements - Sub-Clause No.20.29	Handheld radios shall have Bluetooth capability as standard, and the use of Bluetooth shall not require any external accessory; all hardware shall be included in the radio device. In this way, Bluetooth-compatible suitable audio and data communication accessories shall be delivered with the handheld radios.	Handheld radios shall have Bluetooth capability as standard, and the use of Bluetooth shall not require any external accessory; all hardware shall be included in the radio device. In this way, Bluetooth-compatible suitable audio communication accessories shall be delivered with the handheld radios. The brand of suitable audio communication accessories may be other than handheld radio terminal brand.
23	106	Section VII - Schedule of Requirements - Sub-Clause No.20.31	The Bidder shall should present the Test Report showing the compliance of the handheld radio with MIL-STD-810G standards, issued by independent test laboratory attached with their proposal.	The Bidder shall submit the test report showing that the handheld radio complies with MIL-STD-810G standards as an attachment to its bid.

24	107	Section VII - Schedule of Requirements - Sub-Clause No.21.21	The Bidder shall present the Test Report showing the compliance of the desktop radio with IP54 standards, issued by independent test laboratory, attached with their proposal.	The Bidder shall submit the test report showing that the desktop radio complies with IP54 standards as an attachment to its bid.
25	107	Section VII - Schedule of Requirements - Sub-Clause No.21.22	The Bidder shall present the Test Report showing the compliance of the desktop radio with MIL-STD-810G standards, issued by independent test laboratory, attached with their proposal.	The Bidder shall submit the test report showing that the handheld radio complies with MIL-STD-810G standards as an attachment to its bid.
26	108	Section VII - Schedule of Requirements - Sub-Clause No.22.4	Fixed Base Station radio device antennas shall have a minimum gain of 5 dBd and provide Collinear omnidirectional propagation.	Fixed Base Station radio device antennas shall have a minimum gain of 5 dBd and provide omnidirectional propagation.
27	108	Section VII - Schedule of Requirements - Sub-Clause No.22.9	The bandwidth of the antennas shall be a maximum of 16 MHz.	The bandwidth of the antennas shall be a maximum of 20 MHz.
28	110	Section VII - Schedule of Requirements - Sub-Clause No.24.23	The Bidder should present the Test Report showing the compliance of the desktop radio with IP54 standards, issued by independent test laboratory, attached with their proposal.	The Bidder shall submit the test report showing that the desktop radio complies with IP54 standards as an attachment to its bid.
29	110	Section VII - Schedule of Requirements - Sub-Clause No.24.25	The Bidder should present the Test Report showing the compliance of the vehicle radio with MIL-STD-810G standards, issued by independent test laboratory, attached with their proposal.	The Bidder shall submit the test report showing that the handheld radio complies with MIL-STD-810G standards as an attachment to its bid.

30	112	Section VII - Schedule of Requirements - Sub-Clause No.28.4	The cavities provided with the proposed repeater shall be selected to be suitable for vehicle installation and shall be submitted for approval by the administration.	The cavities provided with the proposed repeater shall be selected to be suitable for vehicle installation and shall be submitted to İstanbul AFAD for approval before the vehicle installations.
31	112	Section VII - Schedule of Requirements - Sub-Clause No.29.5	The current antenna mast present on the vehicle shall be used for antenna installation	This clause will be removed.
32	114	Section VII - Schedule of Requirements - Sub-Clause No.33.2	The above mentioned documents shall be presented with the proposal.	The above mentioned documents will be submitted to İstanbul AFAD prior to system installations.
33	114	Section VII - Schedule of Requirements - Sub-Clause No.33.4	The Bidder shall provide, as an annex to the proposal, proof that it employs the Key Personnel specified below as of the tender date, along with SGK (Turkish Social Security Institution) service records and diploma copies, as well as training certificates provided by manufacturers operating in the field of Radio Communication Systems. International Bidders shall declare the Key Personnel list of the local company they shall subcontract or make joint venture.	The Bidder shall submit the following Key Personnel employed as of the date of the tender together with the SSI service breakdown and diploma copies, together with the training certificates to be obtained from the manufacturer companies operating in the field of Wireless Communication Systems. International Tenderers shall declare the Key Personnel list of the domestic company they will subcontract or joint venture with. If the Bidder is a manufacturer, there will be no obligation to submit personnel training certificates.

34	106	Section VII - Schedule of Requirements - Sub-Clause No.20.29	Handheld radios shall have Bluetooth capability as standard, and the use of Bluetooth shall not require any external accessory; all hardware shall be included in the radio device. In this way, Bluetooth-compatible suitable audio and data communication accessories shall be delivered with the handheld radios.	Handheld radios shall have Bluetooth capability as standard, and the use of Bluetooth shall not require any external accessory; all hardware shall be included in the radio device. In this way, Bluetooth-compatible suitable audio communication accessories shall be delivered with the handheld radios. The brand of suitable audio communication accessories maybe other than handheld radio terminal brand. Each handheld radio terminal shall be delivered with bluetooth audio accessory. No extra bluetooth data accessory is required.
35	99	Section VII - Schedule of Requirements - Sub-Clause No.13.1	Network Management Software shall be Windows-based and support both Turkish and English languages.	Network Management Software shall be Windows-based and support Turkish and/or English languages.
36	156-157	Section IX - Special Conditions of Contract (SCC) GCC 16.1	(ii) On Shipment: Seventy (70) percent of the total or pro-rata Contract Price of the Goods (including the local transportation, insurance and other services required in the purchasers country to convey goods to their final destination) shipped shall be paid through irrevocable confirmed letter of credit opened in favor of the Supplier in a bank in its country, upon submission of documents specified in SCC GCC Clause 13.1. The expenses of the local bank issuing L/C will be borne by the Purchaser; the Supplier shall be responsible for the charges at the corresponding bank. A company, an agent or representative located in Türkiye, quoting CIP prices for the Goods to be imported or	(ii) On Shipment: Seventy (70) percent of the total or pro-rata Contract Price of the Goods (including the local transportation, insurance and other services required in the purchasers country to convey goods to their final destination) shipped shall be paid through irrevocable confirmed letter of credit opened in favor of the Supplier in a bank in its country, upon submission of documents specified in SCC GCC Clause 13.1. The expenses of the local bank issuing L/C will be borne by the Supplier and the Supplier shall be responsible for the charges at the corresponding bank. A company, an agent or representative located in Türkiye, quoting CIP prices for the Goods to be imported or

			<p>already imported shall be paid by bank transfer instead L/C unless located and registered in any one of the free zones of Türkiye. The payment shall be made upon the delivery and receipt of the Goods at the Purchaser's site. The delivery process of the items shall be completed within 270 days from the date of contract signing.</p>	<p>already imported shall be paid by bank transfer instead L/C unless located and registered in any one of the free zones of Türkiye. The payment shall be made upon the delivery and receipt of the Goods at the Purchaser's site. The delivery process of the items shall be completed within 270 days from the date of contract signing.</p>
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REPLIES TO QUERIES NO: 1

The provisions of this "Replies to Queries and Clarifications" are being issued to provide necessary clarifications on certain aspects of the Tender Document in response to the queries or clarification requests sent by the Tenderers in writing.

No.	Tendering Doc. Page No.	Tendering Doc. Ref. Clause	Query or Clarification Requested by the Tenderers	Reply of the Client	Amendment in the Tendering document is required YES or NO (If "YES" Provide Amendment Number)
1	93	Section VII - Schedule of Requirements - Sub-Clause No.7.5	Technical specs of mentioned computers should be added to this clause. It is necessary to decide software configurations and make performance measurements.	Please see Amendment No.4	YES
2	97	Section VII - Schedule of Requirements - Sub-Clause No.10.7.1	As a usage concept, emergency call and group call authorizations can't be removed from radios. Clause should be changed accordingly.	Please see Amendment No.5	YES
3	98	Section VII - Schedule of Requirements - Sub-Clause No.12.1	Roaming does not exist in single frequency simulcast networks, since there is only one control channel. However, radios are roaming capable.	Please see Amendment No.6	YES
4	98	Section VII - Schedule of Requirements - Sub-Clause No.12.2	Feature will work only with radios provided by contractor. Other vendors' radios may not register the system that utilizes the feature, since it is not DMR Standard feature and vendor specific solutions will be applied.	Please see Amendment No.7	YES
5	98	Section VII - Schedule of Requirements - Sub-Clause	Clause should be changed to "Each radio group shall be registered on the Core Network with its group ID number. Therefore, radio devices that do not match the group ID number	Please see Amendment No.8	YES

		No.12.3	shall not be able to initiate calls from that group.”, since radio may change groups. ”		
6	99	Section VII - Schedule of Requirements - Sub-Clause No.14.1	“A graphic-based network diagram displaying all system elements and connections, excluding radios, shall be monitored in real-time.”, system elements and connection diagrams may not be provided since IP backbone is provided by purchaser and it’s a black box for contractor. Clause should be changed to “A graphic-based network diagram displaying repeater alarms and site locations, shall be monitored in real-time.”.	Please see Amendment No.9	YES
7	99	Section VII - Schedule of Requirements - Sub-Clause No.14.4	Recordings will be recorded in the internal hard drive of the server. Is it okay to, copy recordings from the hard drive to USB disk by user, or is it expected from the recording service to write directly to USB disk?	Please see Amendment No.10	YES
8	99	Section VII - Schedule of Requirements - Sub-Clause No.14.5	Recordings are held with information related to that specific call such as call type, call duration, group info etc. and they can be filtered according to this information. However, busy hours calculation requires analysis of multiple recordings, which requires different processes. “Busy hours” statement should be removed?	Please see Amendment No.11	YES
9	100	Section VII - Schedule of Requirements - Sub-Clause No.15.6	Technical specifications of computers should be identified in the clause. It is necessary to decide software configurations and make performance measurements.	Please see Amendment No.12	YES
10	101	Section VII - Schedule of Requirements - Sub-Clause No.15.19	Other settings according to the Purchaser’s request” part should be removed. If there are settings that required to be added, they should be specified in this clause.	Please see Amendment No.13	YES

11	101	Section VII - Schedule of Requirements - Sub-Clause No.15.20	“Necessary group” statement should be changed into “necessary DMR Trunk Simulcast group”.	Please see Amendment No.14	YES
12	101	Section VII - Schedule of Requirements - Sub-Clause No.15.27	Additional license may require additional fee. License fee is provided in the bid.	Please see Amendment No.15	YES
13	102	Section VII - Schedule of Requirements - Sub-Clause No.16.3	Developer of existing radios does not provide five-year warranty. 5 years support for all products is not being provided by the manufacturers. This leads to not comply with the technical specifications. Additionally, this item will provide a price advantage to the manufacturers’ of the existing radios in this bid.	Please see Amendment No.16	YES
14	103	Section VII - Schedule of Requirements - Sub-Clause No.18.3	We propose to change as follows; The wind load on the antennas shall not exceed 368 N at a wind speed of 160 km/h.	Please see Amendment No.17	YES
15	103	Section VII - Schedule of Requirements - Sub-Clause No.18.5	Antenna input connectors must be of the same type as the system Repeater main output connectors” part should be removed.	Please see Amendment No.18	YES
16	104	Section VII - Schedule of Requirements - Sub-Clause No.18.9	We propose to change as follows; The bandwidth of the antennas shall be maximum 24 MHz.	Please see Amendment No.19	YES
17	105	Section VII - Schedule of Requirements -	We propose to change as follows; The operating temperature range of the transceiver shall be between	Please see Amendment No.20	YES

		Sub-Clause No.20.24	-30°C and +60°C.		
18	105	Section VII - Schedule of Requirements - Sub-Clause No.20.26	Independent test laboratory part should be removed. Our company has its own test laboratories and it is accepted by all customers and Turkish authorities. Our qualification and manufacturing tests are done in our laboratories. Only some radiation tests are done independent test laboratories.	Please see Amendment No.21	YES
19	106	Section VII - Schedule of Requirements - Sub-Clause No.20.29	Which accessories should be delivered?	Please see Amendment No.22	YES
20	106	Section VII - Schedule of Requirements - Sub-Clause No.20.31	Independent test laboratory part should be removed. Our company has its own test laboratories and it is accepted by all customers and Turkish authorities. Our qualification and manufacturing tests are done in our laboratories. Only some radiation tests are done independent test laboratories.	Please see Amendment No.23	YES
21	107	Section VII - Schedule of Requirements - Sub-Clause No.21.21	Independent test laboratory part should be removed. Our company has its own test laboratories and it is accepted by all customers and Turkish authorities. Our qualification and manufacturing tests are done in our laboratories. Only some radiation tests are done independent test laboratories.	Please see Amendment No.24	YES
22	107	Section VII - Schedule of Requirements - Sub-Clause No.21.22	Independent test laboratory part should be removed. Our company has its own test laboratories and it is accepted by all customers and Turkish authorities. Our qualification and manufacturing tests are done in our laboratories. Only some radiation tests are done	Please see Amendment No.25	YES

			independent test laboratories.		
23	108	Section VII - Schedule of Requirements - Sub-Clause No.22.4	Collinear part should be removed.	Please see Amendment No.26	YES
24	108	Section VII - Schedule of Requirements - Sub-Clause No.22.9	“The bandwidth of the antennas shall be a maximum of 20 MHz.”	Please see Amendment No.27	YES
25	110	Section VII - Schedule of Requirements - Sub-Clause No.24.23	Independent test laboratory part should be removed. Our company has its own test laboratories and it is accepted by all customers and Turkish authorities. Our qualification and manufacturing tests are done in our laboratories. Only some radiation tests are done independent test laboratories.	Please see Amendment No.28	YES
26	110	Section VII - Schedule of Requirements - Sub-Clause No.24.25	Independent test laboratory part should be removed. Our company has its own test laboratories and it is accepted by all customers and Turkish authorities. Our qualification and manufacturing tests are done in our laboratories. Only some radiation tests are done independent test laboratories.	Please see Amendment No.29	YES
27	112	Section VII - Schedule of Requirements - Sub-Clause No.28.4	When will it be submitted? It is better getting this information before the tender.	Please see Amendment No.30	YES
28	112	Section VII - Schedule of Requirements -	Current mast should be specified. Moreover, Use case of current mast should be clarified.	Please see Amendment No.31	YES

		Sub-Clause No.29.5			
29	114	Section VII - Schedule of Requirements - Sub-Clause No.33.2	The documents mentioned above shall be submitted with the tender.	Please see Amendment No.32	YES
30	114	Section VII - Schedule of Requirements - Sub-Clause No.33.4	“Our company is a manufacturer and designer of the system. Our staff does not need training certification for our radio communications systems”	Please see Amendment No.33	YES
31	106	Section VII - Schedule of Requirements - Sub-Clause No.20.29	a.Please confirm that each handheld radio shall be delivered with a Bluetooth audio accessory. b.If yes, please confirm that this Bluetooth audio accessory shall be original and make by same manufacturer of radio. c.Please clarify what kind of Bluetooth data accessory is being asked.	Please see Amendment No.34	YES
32	99	Section VII - Schedule of Requirements - Sub-Clause No.13.1	Network Management Software shall be Windows-based and support both Turkish and English languages.	Please see Amendment No.35	YES
33	94	Section VII - Schedule of Requirements - Sub-Clause No.9.3	It is stated that “Bidders have to present copy of the certificates with their proposals and such certificates shall be available at https://www.dmrassociation.org/iop-certificates-and-test-results.html . If the Bidder cannot present the above define IOP certificates, the following clause shall apply for the Bidder.” Clause 9.3 refers to IOP compliance and expects certifications to be published on the DMR Association page. In the absence of this, 250 radios are	No change in the tendering document.	NO

			requested for free. Having this certification is not a general requirement for biddings in Türkiye. Our company have many systems all around Türkiye and our system works with other brands' radios. Our company is a designer and manufacturer of the system and ensures IOP compliance in case other manufacturers meet the DMR standards. Bidder commitment should be sufficient. Publishing on the DMR association web site should not be mandatory and 250 radios for free should be removed.		
34	94	Section VII - Schedule of Requirements - Sub-Clause No.9.10	<p>In simulcast systems all sites works in same frequency. Changing one site control channel may causes simulcast effect with other sites traffic channels, since new control channel will be used as traffic channel in other sites. Other option is that changing control channel for entire system. In this case, failure of different channels in different sites may cause choice of proper control channel become impossible. In both scenarios, failure in single site affects proper operation of other sites. Therefore, this feature should only be used in multicast systems.</p>	No change in the tendering document.	NO
35	94	Section VII - Schedule of Requirements - Sub-Clause No.9.11	Should be removed due to similar reasons with clause 9.10.	No change in the tendering document.	NO
36	95	Section VII - Schedule of Requirements - Sub-Clause No.9.18	<p>Clause should be clarified. According to clause 7.2. purchaser should provide IP backbone. However, clause 9.18 requires contractor to provide IP microwave link between relay devices.</p>	The connection between the relay sites will be established by the Administration through microwave links available at the relay sites. The relays must have at least 1 (one) Standard Ethernet UTP port to support this connection.	NO

37	97	Section VII - Schedule of Requirements - Sub-Clause No.10.5	Priority is provided for groups not for radios. If channels are full, call request of group with higher priority will be allocated to the channel of active call of group with the lowest priority and active call with the lowest priority will end immediately.	Priority call is a call made by an authorized radio, when a call is made from this radio, it should be ensured that the authorized radio speaks by interrupting the call in the group it is in.	NO
38	99	Section VII - Schedule of Requirements - Sub-Clause No.14.2	Elements that alarms is expected from, should be clearly identified.	No change in the tendering document.	NO
39	111	Section VII - Schedule of Requirements - Sub-Clause No.26.2	Car models should be specified Car models are needed to supply correct solution.	No change in the tendering document.	NO
40	112	Section VII - Schedule of Requirements - Sub-Clause No.28.1	Car models should be specified.	No change in the tendering document.	NO
41	114	Section VII - Schedule of Requirements - Sub-Clause No.33.1	Under the Summary of Technical Specifications the phrase “Goods and related Services shall comply with the following technical specifications and standards” is included. In the table below ISO 10002:2018 Customer Satisfaction and Complaints Management System standard is stated. In clause 33.1 It is mentioned “The bidder shall be an experienced company in the radio communication industry and the bidder’s activity shall comply with the following standards” Clause 33.1 refers to following standards: ISO 10002:2018 Customer Satisfaction and Complaints Management System or ISO 20000-1-2018 Information Technology Service Management	No change in the tendering document.	NO

			System. Our company processes are conducted in accordance with ISO20000. However, conformity certificates for ISO20000 are not issued by accredited institutions in our country. Some private companies do issue these certificates. Our company has received this certification for some departments before. For this project, the Communication and Information Technologies Sector Presidency manages the process based on these standards. The application for the certificate has been submitted, and the process will be obtained before the deliveries. Our letter from Quality Directorate, confirming that the process is managed according to this standard, will be added to tender file.		
42	N/A	System Question	Please provide the 4 frequency pairs that have been allocated to the system by BTK (Bilgi Teknolojileri ve İletişim Kurumu).	The mentioned duplex 4 Frequency Pairs are as follows: 430.000 MHz-460.000 MHz	NO
43	112-113	Section VII - Schedule of Requirements - Sub-Clause No.28 and No.30	About articles 28. MOBILE DMR DIGITAL REPEATER TYPE 1 and 30. MOBILE DMR DIGITAL REPEATER TYPE 2 of the Technical Specifications; in order to locate the right duplex, please provide the frequency pairs to be used by the mobile repeaters.	One duplex frequency pair is in 130.000-160.000 MHz band for Mobile DMR Digital Repeater Type 1 specified in the specification, one duplex frequency pair is in for Mobile DMR Digital Repeater Type 2 shall be in the band 430.000-460.000 MHz.	NO
44	102	Section VII - Schedule of Requirements - Sub-Clause No.16.1	Please provide the quantities, model and serial numbers of each model, namely DM46xx, DP48xx, SL40xx and 78xx to be licensed.	The radio brands/models and numbers to be upgraded to Tier III license are given below: Motorola DM46xx:90 pcs Motorola DP48xx:130 pcs Motorola SL40xx:20 pcs Hytera 78xx: 10 pcs	NO
45	106	Section VII - Schedule of Requirements -	Please confirm the followings: a.Two different and separate kits shall be delivered for each handheld radio. b.The 1st one shall be a 2-wire kit.	The following is confirmed: a. Two different and separate kits shall be delivered for each handheld radio. b. The 1st one shall be a 2-	NO

		Sub-Clause No.20.30	One wire will have a lapel microphone and a PTT on it. 2nd wire will have earpiece and the earpiece shall have a translucent tube, which will be plug into the user's ear. c.2nd kit shall be a remote speaker microphone.	wire kit. One wire will have a lapel microphone and a PTT on it. 2nd wire will have earpiece and the earpiece shall have a translucent tube, which will be plugged into the user's ear. c. 2nd kit shall be a remote speaker microphone.	
46	103	Section VII - Schedule of Requirements - Sub-Clause No.17.12	Each Base Station Site shall provide minimum 55 W EIRP for each carrier with 100 m of 7/8" coax cable between the combining system and antenna. If required power cannot be obtained, additional power amplifiers shall be used to provide 55 W EIRP value.	No change in the tendering document.	NO
47	103	Section VII - Schedule of Requirements - Sub-Clause No.17.14	The Repeaters shall have the following specifications: EIRP per Channel (with 100 m of 7/8" coax cable between combining system and antenna): Minimum 55 Watts (EIRP).	No change in the tendering document.	NO
48	91	Section VII - Schedule of Requirements - Sub-Clause No.4.1	What is the scope of the delivery date with 270 days duration mentioned in the article? Does it include transfer of goods to the AFAD warehouses? Does it include installations? Should our bid also include warehouse rents or Do you provide a location for the warehouse?	The 270-day delivery period specified in the tender document covers the shipment and installation of the devices to the relay sites (final destination) specified in the tender document. During the shipment and installation of the products, storage operations will belong to the contractor and no warehouse will be allocated to the contractor by AFAD or IPCU.	NO
49	42	Section II - Tender Data Sheet (TDS) ITT 33.1	It is stated that there is no provisions for development of domestic industry. Considering that the good and systems will be installed at the locations of critical institutions and will serve for critical missions, domestic products have gained more importance in terms of security and after sales support. It is recommended that at least 15% advantage should be provided for	It is clearly stated in the Tender document.	NO

			domestic system solutions under this clause.		
50	147-148	Section VIII - General Conditions of Contract (GCC) Clause No.35.3.b	According to clause 35.3.b of the GCC, it is stated that if the administration terminates the contract for any reason, the goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier’s receipt of notice of termination shall be accepted by the Purchaser at the contract terms and prices. We recommend requesting the payment of the products that have already been ordered and entered product line.	It is clearly stated in the Tender document.	NO
51	158-159	Section IX - Special Conditions of Contract (SCC) Clause No.GCC.17	It is stated that “The Employer (IPCU) is exempt from Value Added Tax (VAT) incurred in Türkiye. This exemption shall apply for this contract,in other words, the rate of VAT will be 0%”. Is there any arrangement/process that would allow us to utilize this VAT exemption for our purchases? Will the necessary documentation be provided for our purchases that are eligible for the exemption? Within the scope of the project, will it be possible to obtain any other tax exemptions, such as custom duties or contract fees in addition to VAT?	If demanded, IPCU will supply necessary documentation to the Supplier to allow them to utilize the VAT exemption for their purchases. There is no tax exemption other than VAT.	NO
52	8, 134-135, 137, 54	ITT.3.2 GCC11.2 GCC.20.3 Letter of Tender	According to these clauses and to the other parts of the tender document, it is stated that we have to agree to permit the Bank inspecting our accounts and records and other documents relating to the tender submission and to have them audited by auditors appointed by the Bank. Our company will only be able to share content related to this project and the information that is publicly available. Sharing or audits that could risk our national	It is clearly stated in the Tender document. In case of need, this audit may be done relating to the procurement process, tender submission, proposal submission and contract execution all of which are specific to AF-AIIB-GA1.1 package.	NO

			security will not be allowed.		
53	48-49	Section III- Evaluation and Qualification Criteria, 3.1, Qualification Criteria (ITT 37.1) a (ii)(iii):	<p>According to the clause (ii), a copy of the contract is not required for the completion of works carried out with the government. This clause conflicts with clause (iii). Due to (iii) a copy of the contract is needed.</p> <p>Due to our customer’s sensitivities, contract with the government institution cannot be submitted. Since Certificate of work completion is obtained directly from institution, can you also confirm that it is not necessary to upload it to EKAP?</p>	The certificates from the domestic public institutions shall be uploaded to EKAP and shall be submitted with official stamp and authorized signature.	NO
54	91, 135, 156-158	Section VII – Schedule of Requirements - 3. Technical Specifications - 4. Duration of Work, GCC & SCC 16.1	<p>It is stated that “the delivery process of the items shall be completed within 270 days from the date of signing the contract. The acceptance process of the items shall be completed within 365 days from the date of signing the contract”. When the scope of the project, production and installations are considered, the 270 days delivery and 365 days acceptance durations are considered short and it is recommended to extend the deadlines. It is also needed to clarify the scope of the delivery process. Is the delivery of the goods considered delivery to the warehouses of the AFAD? Will the warehouse be provided by AFAD or the Governorate? Or should the warehouse costs also be calculated? Could you also clarify the invoicing schedule of the goods? Upon leaving the factory for the delivery process, Will %100 of the goods be invoiced Including transportation and insurance costs? Can you also confirm for delivery of the goods and payment of Seventy (70)</p>	<p>The durations are clearly stated in the Tender document. The 270-day delivery period specified in the tender document covers the shipment and installation of the devices to the relay sites (final destination) specified in the tender document. During the shipment and installation of the products, storage operations will belong to the contractor and no warehouse will be allocated to the contractor by AFAD or IPCU. The advance payment amount will be calculated from the whole contract amount. 70% of goods’ price will be paid on delivery and %20 of goods’ price will be paid on acceptance. Additionally, %90 of the items 14 and 15 will be paid on acceptance.</p> <p>Partial delivery is allowed. Invoices should be prepared including relevant costs.</p>	NO

			percent of the total contract price of the goods, installation is not required? Payment of the goods, services and advanced payment rates are also needed to be clarified. (Does advance payment includes contract price including items 14 and 15 in price and completion schedule? Will %70 of goods' price be paid on delivery? Will %20 of goods' price, %90 of the items 14 and 15 be paid on acceptance?)		
55	40	Section II - Tender Data Sheet (TDS) ITT18.3 (a):	For this clause “Not applicable “is not understood. What will happen if the tender validity period (119 days) expires and the contract remains unsigned for an additional 56 days?	It is clearly stated in the Tender document.	NO
56	48	Section III – Evaluation and Qualification Criteria Sub-Clause No.3.1.(a) (ii) Experience and Technical Capacity	About the article 3.1.(a)(ii) Experience and Technical Capacity of Section III – Evaluation and Qualification Criteria; the manufacturer of Digital DMR Simulcast Trunk system infrastructure, which we will propose, has a certificate that meets the requirements of the certificate of work completion and acceptance. Please confirm that it will be accepted.	It is clearly stated in the Tender document.	NO
57	48-49	Section III – Evaluation and Qualification Criteria Sub-Clause No.3.1.(a) (iii) Documentary Evidence	We kindly request confirmation that a work experience certificate obtained from a country that is not a party to the Apostille can be submitted as approved by the Consulate located in that country.	The document must be certified by the Ministry of Foreign Affairs of the country where it was issued directly or by other competent authorities in the country where it was issued, and then certified by the Consulate of the Republic of Türkiye in that country.	NO
58	19, 39-40, 78	Section I – Instructions to Tenders (ITT) & Section II – Tender Data Sheet	If the bidder is a manufacturer and will offer its own products, is it necessary to submit a “Manufacturer's Authorization” document?	No	NO

		(TDS) Sub-Clause No.17.2(a), Section IV – Tender Forms - Manufacturer's Authorization			
59	135, 154-156	Section VIII – General Conditions of Contract & Section IX – Special Conditions of Contract Clause No.13.1	Is partial delivery allowed?	Yes	NO
60	N/A	N/A	Is the assignment of the contract amount to bank or financial institutions allowed after the contract is signed?	No	NO
61			Is a counter guarantee from a bank in Türkiye required for the Tender Security (Bank Guarantee) of foreign participants?	Yes, Tender Security shall be obtained from a bank operating in Türkiye.	NO
62	159-160	Section IX - Special Conditions of Contract – Clause No.GCC 18.1, 18.3 & 18.4	In public procurement, half of the performance bond refunds after delivered and accepted the goods. We kindly request that Article SCC 18.4 be amended to state that half of the performance bond will be refunded after delivered and accepted the goods.	It is clearly stated in the Tender document.	NO
63	135, 156-158	Section VIII – General Conditions of Contract & Section IX – Special Conditions of Contract Clause No.16.1	It is understood that in GCC 16.1 regarding delivery payment, a 70% payment against shipping documents will be made via L/C for foreign suppliers. In the case of local suppliers, we understand that the 70% delivery payment will be made upon delivery of the goods to the Istanbul Provincial Disaster and Emergency Management Directorate (İstanbul AFAD)	The 270-day delivery period specified in the tender document covers the shipment and installation of the devices to the relay sites (final destination) specified in the tender document. During the shipment and installation of the products, storage operations belong to the Supplier and no warehouse will be allocated to the	NO

			Hasdal campus warehouse address and submission of the relevant documents. We kindly ask for confirmation.	Supplier by AFAD or IPCU.	
64	135, 156-158	Section VIII – General Conditions of Contract & Section IX – Special Conditions of Contract Clause No.16.1	The payment term of L/C that will be opened in favor of foreign contractor: In order to prevent the KKDF charge, we kindly ask the payment term of L/C to be revised as payable at sight, upon submission of documents indicated under GCC SCC Clause 13.1.	KKDF liability arises depending on the type of letter of credit used. We do not find it necessary to specify the issues regulated by the legal legislation separately in the documents.	NO
65	156-158	Section IX – Special Conditions of Contract Clause No.16.1	The payment term for local contractors: The payment term is bank transfer, 10% in advance and 70% to be done upon receipt of Good at Purchaser's sites. We kindly request the payment term for 2nd payment lot to be revised as "70% bank transfer upon submission of documents specified in SCC GCC Clause 13.1"	It is clearly stated in the Tender document. The 270-day delivery period specified in the tender document covers the shipment and installation of the devices to the relay sites (final destination) specified in the tender document.	NO
66	37	Section II - Tender Data Sheet (TDS) ITT1.1	We recommend that following items included in received products and services to be excluded from this tender process. Reasons are explained below. "ITEM 9: 100pcs of Existing Fixed and Vehicle Radio TIER III License Upgrade" "ITEM 10: 150pcs of Existing Handheld Radio TIER III License Upgrade" We have been informed by your existing radio manufacturer that 5 years support for all products can not be provided. This leads to not comply with the technical specifications. Additionally, this item will provide a price advantage to the manufacturers" of the existing radios in this bid. During the update process, any possible security vulnerability cannot be addressed by the contractor, but they are held	It is clearly stated in the Tender document.	NO

			<p>responsible for this contract. Considering these radios are used by many government institutions, we, our Company, find the security of the system to be of the utmost importance. It should be safer to supply 250 new radios.</p>		
67	20, 40, 74-75	<p>Section I – Instructions to Tenderers (ITT) & Section II – Tender Data Sheet (TDS) ITT Sub-Clause No.19.1, Section IV – Tender Forms - Tender Security (Bank Guarantee)</p>	<p>According to the specifications of the tender there is a validity date of the Tender Security (Bank Guarantee) however the text of the Tender Security (Bank Guarantee) letter in the specifications does not include a section for specifying the validity date of the Tender Security (Bank Guarantee). Can we add the validity date to the letter's text.</p>	<p>It is at the discretion of the Supplier. If there is no date on the letter, the letter shall be submitted without any limitation in validity and this shall be amended on or as an attachment to the letter.</p>	NO

CLARIFICATION NO.1

Clarification No.	Tendering Doc. Page No.	Tendering Document Reference Clause	Clarification
1	156-157	Section IX - Special Conditions of Contract (SCC) GCC 16.1 Payment for Goods supplied from abroad (ii)	This sub-clause part is amended as Amendment No.36