SUPPLY OF RADIO EQUIPMENT IN THE SCOPE OF THE BORDER MANAGEMENT PROGRAMME FOR THE MAGHREB REGION (BMP-MAGHREB) – MOROCCAN COMPONENT

Identification number: ICMPD/19.036/SUP/BMP/RAD/MOR

CLARIFICATION N°3

Updated 22/10/2019

We kindly inform you that:

1. Technical Specifications (Specifications Techniques) and budget breakdown (Budget Ventilé) documentation have been updated and changes are in RED. The new documents are part of this update and are also replaced in the initial Zip File (Tender Dossier).

2. The following questions of general interest to all prospective tenderers have been raised and you can find answers here below:

**Question 1: Radio Configuration**
Motorola and Sepura radios or equivalent are requested in Lot 1 (item 1, 2, 3, 4) and in Lot2 (item 1, 2). Please confirm that the configuration of these radios is not required and will be done by the end user.

**Question 2: Radio Installation**
Motorola and Sepura radios or equivalent are requested in Lot 1 (item 1, 2, 3, 4) and in Lot2 (item 1, 2). Please confirm that installation of these radios is not required and will be done by the end user.

**Answer 1 & 2:**
Final radio configuration will be performed by the end user. Any extra licenses required in the technical specifications for specific radios must be provided together with the radio (e.g. GPS activation license, encryption license...). All other radio accessories required in the technical specifications (e.g. microphones, external speakers, desk trays / stands, power supplies, leather cases, headset kits...) must be provided with the radio in the original packaging provided by the manufacturer. No other software or hardware installation and configuration is required by the bidder.
**Question 3: Installation of Ericsson Mini Link**

It is requested in the Lot 3 item 1 “Mini link” Complete Installation. However, in the same item it is requested “Installation Support requested”. Please clarify whether we should handle the full installation of radios or only the supervision of installation by an expert, and the installation will be done by the end user.

If we should handle the full installation, please inform us with the coordinates of the 30 sites where the links shall be installed.

**Answer 3:**

“Complete installation” should be understood that all needed Outdoor and Indoor modules defined with the technical specifications including cabling, cabinets, other mounting parts etc. must be included in the “package” provided, installed and configured by the selected bidder.

The installation will be carried out at verified existing locations in Morocco (Rabat, Casablanca, Tangier and Tetouan area) where all other infrastructure already exists (appropriate facilities, antenna masts / pylons, static assessment, LoS simulation, etc.).

Exact locations will be provided to the selected bidder by the end user in a timely manner.

We have updated technical specifications for Lot 3, please refer to the latest technical specifications document (ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER / ANNEXE II + III: CAHIER DES CHARGES + OFFRE TECHNIQUE).

**Question 4:**


**Answer 4:**

The technical specifications document (ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER / ANNEXE II + III: CAHIER DES CHARGES + OFFRE TECHNIQUE) clearly defines the item (item 1, Lot 2):

- **ENGLISH:** “DMR Radio # 1: Mototrbo DM4601E or EQUIVALENT with accessories”
- **FRENCH:** “Radio DMR # 1: Mototrbo DM4601E ou EQUIVALENT avec accessoires”

The technical specifications document does not mention either mobile, portable radio etc… The end-user's decision is how the radio will be used, either as a mobile station or as a fixed station installed into desk tray / stand. All extra accessories are clearly defined by the technical specifications document and must be provided with the radio in the original packaging provided by the manufacturer. No other software or hardware installation and configuration is required by the bidder.
Radio should cover 136 – 174 MHz (VHF band) as defined by the technical specifications document, no other information related to the narrower sub-band is provided by the end user.

Question 5:
Radio Tetra Mobile : Motorola MTM5400 avec accessoires : Veuillez préciser la sous-bande de fréquence et les accessoires nécessaires.

Answer 5:
The technical specifications document (ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER / ANNEXE II + III: CAHIER DES CHARGES + OFFRE TECHNIQUE) clearly defines the item (item 1, Lot 1):
ENGLISH: “Tetra Mobile Radio # 1: Motorola MTM5400 or EQUIVALENT with accessories”
FRENCH: “ Radio Tetra Mobile # 1: Motorola MTM5400 ou EQUIVALENT avec accessoires”
All extra accessories are clearly defined by the technical specifications document and must be provided with the radio in the original packaging provided by the manufacturer. No other software or hardware installation and configuration is required by the bidder.

Radio should cover 380 – 430 MHz as defined by the technical specifications document; no other information related to the narrower sub-band is provided by the end user.

Question 6:

Answer 6:
The technical specifications document (ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER / ANNEXE II + III: CAHIER DES CHARGES + OFFRE TECHNIQUE) clearly defines the item (item 2, Lot 2):
ENGLISH: “P25 Mobile Radio # 1: ASTRO APX 2500 P25 or EQUIVALENT with accessories”
FRENCH: “ Radio Mobile P25 # 1: ASTRO APX 2500 P25 ou EQUIVALENT avec accessoires”
All extra accessories are clearly defined by the technical specifications document and must be provided with the radio in the original packaging provided by the manufacturer. No other software or hardware installation and configuration is required by the bidder.

Radio should cover 820 - 870 MHz band as defined by the technical specifications document; no other information related to the narrower sub-band is provided by the end user.

Question 7:
Radio portative Tetra : Motorola MTP6650 avec accessoires : Veuillez préciser la bande de fréquence et les accessoires nécessaires.

Answer 7:
The technical specifications document (ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER / ANNEXE II + III: CAHIER DES CHARGES + OFFRE TECHNIQUE) clearly defines the item (item 4, Lot 1):

ENGLISH: “Tetra Hand Radio # 2: Motorola MTP6650 or EQUIVALENT with accessories”

FRENCH: “Radio Portative Tetra # 2: Motorola MTP6650 ou EQUIVALENT avec accessoires”

All extra accessories are clearly defined by the technical specifications document and must be provided with the radio in the original packaging provided by the manufacturer. No other software or hardware installation and configuration is required by the bidder.

Radio should cover 350 - 470 MHz band as defined by the technical specifications document; no other information related to the narrower sub-band is provided by the end user.

**Question 8:**
Kit de programmation : Kit de programmation Motorola (câbles, logiciel) : Pour quel type de radio ?

**Answer 8:**
The technical specifications document (ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER / ANNEXE II + III: CAHIER DES CHARGES + OFFRE TECHNIQUE) clearly defines radios types which must be supported - cables and software (see item 12, Lot 1).
- Tetra Mobile Radio # 1 (Motorola MTM5400 or EQUIVALENT) and
- Tetra Hand Radio # 2 (Motorola MTP6650 or EQUIVALENT)

**Question 9:**
Câble de routeur radio vers LMR : Quel routeur utilisé par le client ? pour quel besoin ?

**Answer 9:**
Interface cable to connect specific radio to the Cisco NIM-4 E/M VIC - LMR router is requested. Cisco ISR Router - Cisco ISR4321 will be used as router. Please see the technical specifications document (item 2 and 3, Lot 4). Radio to ISR router connection is needed for LMR (Land Mobile Radio) support within IPICS / Instant Connect, please see the technical specifications document for more information (item 1, Lot 4).


**Question 10:**
Related to the Budget Breakdown, in the installations support requested:

1) Complete 30 pcs of Mini Link TN R5: INDOOR Access Module Magazines (AMM) with plug-in units + OUTDOOR Radio Units (RAU) with Antennas (ANT. What are the locations of the different sites where radio links will be deployed?
2) Related the Installation Support requested is for configure the CISCO system or the radiolinks?

**Answer 10:**
The installation will be carried out at verified existing locations in Morocco (Rabat, Casablanca, Tangier and Tetouan area) where all other infrastructure already exists (appropriate facilities, antenna masts / pylons, static assessment, LoS simulation, etc.). Exact locations will be provided to the selected bidder by the end user in a timely manner.

Complete Installation & Configuration of Ericsson Links is required.

We have updated technical specifications for Lot 3, please refer to the latest technical specifications document (ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER / ANNEXE II + III: CAHIER DES CHARGES + OFFRE TECHNIQUE).

**Question 11:**
Concerning the selection and award criteria in the technical capacity of tenderer it specify that the tenderer has delivered supplies under at least 10 contract in similar projects and the tenderer should submit the above requirement in a list stating the name of the companies, the type of goods/services delivered, estimated amount, length of the 10 contracts and the outcome, could provide this capacity a subcontractor company? In the case we make a joint-ventures is enough that just one of the companies meets the requirement concerning the technical capacity?

**Answer 11:**
As per Art. 16 of the contract notice, the selection criteria will not be applied to subcontractors.

In the case of joint ventures, please refer to art. 18 of the Instructions to tenderers. All legal entities of a consortium or joint venture may contribute to the provision of capacity requested under this tender.

**Question 12: Customs and Taxes**
We kindly ask you to clarify whether we should include customs cost in our offer?
We kindly ask you to clarify whether we should include VAT in our offer?
We kindly ask you to clarify whether we should include any other taxes in our offer?

**Answer 12:**
Please refer to document 6. Budget breakdown. Different prices are requested as follows: DDP including other costs, with and without VAT.
**Question 13:**
Pour les radio TETRA pouvez-vous nous préciser quels type d’accessoires souhaitez-vous. Avec cryptage ou pas?

**Answer 13:**
The technical specifications document (*ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER / ANNEXE II + III: CAHIER DES CHARGES + OFFRE TECHNIQUE*) define Tetra Radio requirements including encryption (TEA 1). All extra accessories are clearly defined by the technical specifications document and must be provided with the radio in the original packaging provided by the manufacturer. Please refer to Technical Specifications document - LOT 1.

**Question 14:**
**Lot 01 - Radio Hardware**
Can propose another Radio brand other than the one requested in this RFP?

**Answer 14:**
Yes, EQUIVALENT radios with the same functionalities as the brands / models can be proposed, including accessories. Please see the latest published version of the Technical specifications document for Lot 1 (*ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER / ANNEXE II + III: CAHIER DES CHARGES + OFFRE TECHNIQUE*). Equivalent to specific brands / models are clearly mentioned as an option.