



## CONTRACTING AUTHORITY'S CLARIFICATIONS No. 2

Project title:

**Joint Forest Fire Monitoring and Suppression in Western Serbia**

**Publication reference: EuropeAid/139786/DH/SUP/RS**

No.	Question	Answer
1.	<p>Kindly advice what is the estimated budget for the procurement of these equipment and services? This information is important to better understand the equipment that is requested.</p>	<p>The estimated budget cannot be disclosed as the award criterion for this tender is the price.</p>
2.	<p>In the corrigendum, you mentioned that the deadline for the request for clarifications is set for 21 days before the new deadline for Response Submission at 16.00 hrs CET.</p> <p>This means that the deadline for clarification would be on the 12th of February 2019, hardly one day after you have issued the corrigendum documentation.</p> <p>Unfortunately, this does not give enough time for potential tenderers to carefully study the new requirements and most importantly to relay these changes to possible subcontractors/suppliers.</p> <p>For this reason we kindly ask you to extend the submission deadline for the clarifications to at least 1 week (19th of February).</p>	<p>The deadline for requesting clarifications cannot be extended.</p>
3.	<p>In the Clarification number 8 issued by the Contracting Authority it is mentioned that the relevant certificates (EC, ISO, IEC) must be submitted during the stage of Provisional Acceptance.</p> <p>On the other hand in the Clarification number 25 issued by the Contracting Authority it is mentioned that the relevant certificates must be submitted now during Tender Submission stage.</p> <p>Kindly clarify which one is true.</p>	<p>The requested Certificates of conformity (EC, ISO, IEC) must be provided at the stage of Provisional Acceptance, and not at the tender submission stage.</p>

No.	Question	Answer
4.	<p>Please be aware that some of the equipment and solutions that are requested will require some form of customization to meet the End User requirement. As such, the User Manuals are yet not available and their creation is a very time consuming process if they need to be done properly.</p> <p>Please accept the User Manuals to be submitted in English and Serbian by the time of project delivery.</p> <p>For the sake of Tender Evaluation, please accept a technical description from the bidders, written in English, that will describe the proposed solution and its specifications.</p>	<p>The User Manuals in English and Serbian language for monitoring cameras, cameras data transmission system and UAV monitoring must be provided by the Contractor with the delivery and not by Tenderer in the tender.</p> <p>At the tender evaluation stage, the English version of the technical description of the proposed solution will be accepted.</p>
5.	<p>Please confirm that the transmission system for the cameras must have a minimum of 40km range assuming the following conditions: clear line of sight, ISA (International Standard Atmosphere) conditions, excellent levels of radiofrequency pollution in the same band in which the system transmits.</p>	<p>The transmission system for the cameras must have a minimum of 40km range assuming the following conditions: clear line of sight, ISA (International Standard Atmosphere) conditions, excellent levels of radiofrequency pollution in the same band in which the system transmits.</p>
6.	<p>In the Clarification number 16 issued by the Contracting Authority it is mentioned that also a fixed wing aircraft will be acceptable. This changes considerably the scope of the requirement and will affect also other points. Based on this please clarify:</p> <ol style="list-style-type: none"> <li>1. Please further elaborate what would be an acceptable space (in meters) for take-off and landing.</li> <li>2. Please confirm that the UAV wheelbase (wing-span) dimension should still remain within the 1.6 m.</li> <li>3. Please confirm that the UAV should still be able to permit automatic take-off and landing</li> </ol>	<ol style="list-style-type: none"> <li>1. The take-off and landing maximum acceptable space is 50 m.</li> <li>2. The UAV wheelbase (wing-span) dimension should still remain within 1.6 m.</li> <li>3. The UAV should still be able to permit automatic take-off and landing.</li> </ol>
7.	<p>Please confirm that the Contracting Authority is looking to procure one (1) Unmanned Aerial System (UAS) which will be composed of the following sub-items:</p> <ul style="list-style-type: none"> <li>• 2 Aerial Platforms</li> <li>• 2 EO/IR payloads</li> <li>• 1 Ground Control Station</li> <li>• 1 Ground Data Terminal (to connect wirelessly the aircraft with the Ground Control Station).</li> <li>• 1 Set of Ground Support Equipment (tools, cables, accessories, etc.)</li> </ul>	<p>The Contracting Authority is looking to procure one (1) Unmanned Aerial System (UAS) which will be composed of the following sub-items:</p> <ul style="list-style-type: none"> <li>• 2 Aerial Platforms</li> <li>• 2 EO/IR payloads</li> <li>• 2 TIR payloads</li> <li>• 1 Ground Control Station</li> <li>• 1 Ground Data Terminal (to connect wirelessly the aircraft with the Ground Control Station).</li> <li>• 1 Set of Ground Support Equipment (tools,</li> </ul>

No.	Question	Answer
		cables, accessories, etc.)
8.	Please confirm that the required flight altitude of 2000 m is measured from AMSL (Average Mean Sea Level).	The required flight altitude of 2000 m is measured from AMSL (Average Mean Sea Level).
9.	Could you please inform us what past experience do the 4 persons to be trained have in flying Unmanned Aerial Systems? This is important to estimate the time required for training and therefore the cost associated with it.	The persons to be trained (4 forestry technicians/workers) have no prior experience in flying Unmanned Aerial Systems.
10.	A "command vehicle" is mentioned in the paragraph Annex to Corrigendum 1- TD- Technical Specifications, Section 1.3.1.2.. However, in the requirement matrix there is no mentioning of this vehicle. Please further elaborate what this vehicle is, how it is related to the system and what installations will the winning tenderer need to perform on it (if any).	The command vehicle is mentioned in parenthesis as an example. Nothing is requested to the tender.
11.	<p>In the paragraph Annex to Corrigendum 1-TD- Technical Specifications, Section 1.3.1.4., the following is requested: "HD video downlink must be integrated in remote controller."</p> <ul style="list-style-type: none"> <li>• Please further elaborate what is this exactly and where should this system downlink the HD video?</li> <li>• Is the intention to equip the remote controller with an additional 4x4 MIMO system? This would require 7 TX/RX systems and not 6 as mentioned in the Tendering documentation.</li> </ul>	The UAV comprises a remote controller used to plan the UAV mission and check the drone status including the telemetry. The same device should be able to receive and display HD video transmitted by the drone.
12.	<p>As stated in Article 7. - Supply of documents from SPECIAL CONDITIONS, "Together with the delivery the Contractor shall supply the Instruction (installation, operation and regular maintenance) Manuals in English and Serbian language, as requested in Annex II".</p> <p>Please confirm that User Manuals in English and Serbian language for monitoring cameras, cameras data transmission system and UAV monitoring must be provided by the Contractor with the delivery and not by Tenderer in the tender.</p>	The User Manuals in English and Serbian language for monitoring cameras, cameras data transmission system and UAV monitoring must be provided by the Contractor with the delivery and not by Tenderer in the tender.
13.	In the 1.2 GENERAL REQUIREMENTS from TECHNICAL SPECIFICATIONS + TECHNICAL OFFER: All items must confirm to regulations and Standards of EC, ISO, IEC that apply to each and every item. The Tenderer has to provide a certificate of conformity (CE or similar) at the stage of issuing the Provisional Acceptance certificate.	The certificates of conformity to regulations and Standards of EC, ISO, IEC for all items must be provided at the stage of issuing the Provisional Acceptance certificate, and not at the tender submission stage.

No.	Question	Answer
	<p>Please confirm that the certificates of conformity to regulations and Standards of EC, ISO, IEC for monitoring cameras, a server computer, a workstation and UAV monitoring must be provided at the stage of issuing the Provisional Acceptance certificate, and not at the tender stage.</p>	
<p><b>14.</b></p>	<p>In the 1.2 from the Table from the Technical specification is requested:</p> <p>a) TX-RX transmission system for cameras video/pictures transmission and remote camera control, 40 km minimum range.</p> <p>b) Antenna, Sector, 4x4 MIMO, Dual Polarized, 15 dBi,</p> <p>c) Video/Pictures/Data transmission with beamforming, capable to support land sites, vehicle transmission and UAV video/data transmission.</p> <p>d) Minimum 100Mbs</p> <p>You have requested 15 dBi 4x4 MIMO sector antennas (point-to-multi-point) to cover point-to-point route and to achieve 100 Mbs at minimum 40 km.</p> <ul style="list-style-type: none"> <li>- Please confirm that a communication solution based on non-sector antennas will be accepted.</li> <li>- Please clarify that on the top of the Control Center sector antennas can be placed.</li> <li>- 15 dBi over 40 km with minimum 100 MBs is not possible, please clarify that the requested 15 dBi is minimum.</li> </ul>	<p>It is hereby confirmed that:</p> <ul style="list-style-type: none"> <li>- A communication solution based on non-sector antennas will be accepted.</li> <li>- Sector antennas can be placed on the top of the Control Center.</li> <li>- 15 dBi is the minimum requested.</li> </ul>