

TO:	All Bidders	FROM:	Sally Alvarez de Schreiner Chief, Procurement Section
DATE:	08 August 2022	REF.:	RFP No. 2022-0046/THORVALDSDOTTIR 
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SUBJECT:	Clarifications No.3 – RFP No. 2022-0046/THORVALDSDOTTIR “Deployable Video Surveillance and Security System for BOO and In-Field Equipment Prototype Build”		

Dear Sales Manager,

Please find attached responses to queries raised by interested bidders in respect to RFP No. 2022-0046/THORVALDSDOTTIR (Deployable Video Surveillance and Security System for BOO and In-Field Equipment Prototype Build).

Please take this response into account in the preparation and submission of your proposal.

Kindly note that previous queries and corresponding responses have been greyed out.

We are looking forward to receiving your bid prior to the extended submission deadline on 2 September 2022, 17:00 hours, Vienna (Austria) local time.

Kind regards,



Sally Alvarez de Schreiner
Chief, Procurement Section

Attachment 1: Clarifications No.3 RFP No. 2022-0046/THORVALDSDOTTIR
“Deployable Video Surveillance and Security System for BOO and In-Field Equipment Prototype Build”

Item#	Question	Answer
1	<p>What is the operational temperature range and IP67 performance required for the equipment that will be housed in the ULD once unpacked of field installable components?</p> <p>ULD container will house the central control and configuration station for the System. The ULD should provide an environment in the range 10-25C.</p>	Possible temperature ranges from -30°C to +50°C
2	<p>We consider and propose to you to extend the deadline for submission for at least 3 weeks. Please find this proposal to be in common interest at this stage as it will produce higher quality and more detailed solution by all bidders in meeting the TOR Category criteria.</p>	This is acceptable
3	<p>What are the expected quantities? In the RFP there is no mention of quantities besides the mentioning of 1 prototype kit.</p>	The quantities of the specific items are depending on the solution proposed by the bidder.
4	<p>Can we propose in our bid a larger system then mentioned, since we believe the size needed to comply will be larger that indicated in the RFP?</p>	Any proposed solution shall match requirements of the Terms of Reference (TOR). If the bidder considers necessary to offer a larger system than s/he can propose it.
5	<p>Is the system designed to operate on Solar Power only or can we suggest other means?</p>	The power solutions shall match the requirements of each subsystem as defined in the TOR
6	<p>Can the system be charged by an existing Generator that you may have on site?</p>	The power solutions shall match the requirements of each subsystem as defined in the TOR
7	<p>How many kits are to fit in the shipping container?</p>	Please propose content of the kit. The Commission will assess how many kits fit into the shipping container.
8	<p>Who supplies the shipping container?</p>	The shipping containers are in possession of the Commission.
9	<p>In terms of Camera viewing- How many cameras feeds to you intend to be able to see at the same time? The LTE limits this capability.</p>	The total speed of the LTE system is 50Mb/s for all techniques and purposes.
10	<p>Is there a possibility to deploy cables between the different posts in order for them to operate not only on Solar power?</p>	It is in principle possible to deploy cables between the posts in the base of operation.
11	<p>In terms of the field deployable kit- Is it the same kit that is used for the perimeter surveillance? Meaning all of the surveillance is done with the same kit? Or is the field deployable kit different?</p>	Not necessarily. Two different types of kits can be proposed.
12	<p>Attachment 3- Is the pricing only for 1 prototype kit?</p>	The price of the prototype kit shall state clearly that the price is for one kit.

13	What is the amount of full kits that are planned to be purchased? Is it just 1 prototype at this stage?	Yes at this stage one prototype for testing and proof of concept.
14	The total upload speed on LTE is 5Mbps and therefore live transmission from the cameras will be limited to several cameras at a time. Is there any other solution that you recommend for the camera feed live upload?	The total upload speed of the LTE system is 50mb/s for all techniques and purposes, the security system is only one of these, and we do not need to see all cameras at the same time. The recording of camera feeds will be sufficient for the Commission to review footage that was not seen live, should an incident need to be investigated.
15	Item 4.3.3 on page 14: What should be the height of the tripod for the “Field Deployable Surveillance“?	The current Technical Design Proposal which in Section 3.4 (and as shown in figure 3.5) is currently 1.7m to 5m lift. It is up to the bidder if a different mast is proposed for the field deployable surveillance
16	Item 4.3.3 on page 14: The second camera: Is the requirement for a bullet camera or a PTZ camera? The description of paragraph 4.3.3 on page 47 calls for one fixed camera and one PTZ camera.	The second camera for wide area protection should be PTZ camera as per para 3.5 of the Technical Design Proposal.
17	Regarding the Cellular connectivity - please confirm that the SIM card, data charges and associated items and costs are upon the customer	Yes, SIM cards, all charges are responsibility of the Commission. The kits shall be capable of 4G LTE Band 20 modem and Cat 7 Ethernet connection but the Commission will provide this.
18	Please define the communication infrastructure that is explicitly required to be provided by us as part of the solution.	The system must be compatible with 4G LTE Band 20 modem network and global VSAT communication and capable of accessing status, viewing video and images, generating and managing alarms to mobile Android smartphones and tablet devices, and capable of working on self-contained networks without needing any online licensing, subscription, updating, verification, cloud storage, processing or analytics as per Section 4.2 of the Terms of Reference. Bidder must provide the cables (CAT 7 and fibre optic) from camera masts to central control station. (options of lengths/reels may be provided in the offer for the Commission to decide, or an optimal solution based of experience may be provided by the bidder) Field deployable surveillance must be capable of 4G LTE Band 20 modem and Cat 7 Ethernet connection (to Motorola VML750 modem where existing as part of asset under surveillance), and providing alarm notification and response capability to Android 6 devices, and all mechanical attachments, fasteners, antennae and cables shall be provided by the bidder as per para 4.3.3 of the Terms of Reference. The 4G service and Motorola VML750 modems will be provided by the Commission. All hardware and software as outlined in para 4.3.4 of the Terms of Reference shall be provided by the bidder. Detailed technical proposal in the Commissions current design can be found in the Technical Design Proposal. Changes may be suggested to this based on the bidders experience and will be duly considered during the proposal evaluations.
19	Please confirm whether vehicles, masts, vehicle mounting platforms and their installation are to be conducted by this contractor.	Yes, as per the requirements in Paragraph 6 of the Terms of Reference, the contractor shall provide training and initial set-up in English on the premises of the Commission in Seibersdorf, Austria. All components for the deployable field security system are

		to be provided by the bidder. In this question, vehicle and vehicle mounting platforms are assumed to refer to the front end deployable monitoring vehicle in Section 3.5 of the Technical Design Proposal which are to be provided by the bidder.
20	The quantities defined in the TOR and attached in the tables (appendices 1,2,3, pp.99-106), do not match to the quantities specified in table 1 (evaluation matrix) attached to the RFI documents. Please advise which quantities of each items are required for the proposal stage.	Please use the quantities provided in the TOR and attached tables (appendices) for the proposal.
21	Please confirm that the LTE communication module is required for the field deployable systems only.	The central control station shall also support 4G in-field mobile network, GCI VSAT system as per para 4.3.4 of the Terms of Reference, and as specified within Section 2.1 of the Technical Design Proposal.
22	Please confirm that the solar power supply systems are required for the field deployable systems only.	Yes, confirmed.