



## **Supply and guaranty Various Outside Broadcasting Devices & Equipment.**

### **1. Introduction**

Ministry of Information - MOI invites specialist bidders to quote their best prices for Supplying and guarantying Various Outside Broadcasting Devices & Equipments for improving current OB VANS. incorporating the latest technology and according to this tender requirements & specifications.

Conditions and specifications stated in this document represent the minimum requirements needed to execute this project.

Any other work/s needed to fulfill this target and not explicitly mentioned in this document, must be stated and priced in the BOQ, otherwise it/they will be executed - free of any charge to MOI by the contractor and without any variation order.

All offered equipment and required works shall be of the latest state-of-the-art technology.

The equipment should be capable of withstanding the harsh conditions of temperature, humidity, and dust which exist in **THE STATE OF KUWAIT**.

### **2. General Conditions:**

- 2.1** Any amendments foreseen by the supplier shall be clearly stated upon submitting the technical and financial offer.
- 2.2** Offers which deviate from this tender specifications and conditions will be automatically rejected.
- 2.3** The available AC Line Voltage is 240V +/- 10%, 50Hz.
- 2.4** Bidder must submit clear compliance table indicating, whether they are complying or not to **each paragraph using the same numerical order**. In case of not complying, detailed explanation must be given.
- 2.5** The specifications in this tender document represent the minimum requirements of the Ministry of Information. Due to rapid change and improvements in technology, the bidder shall submit a letter with his offer confirming that at the time of executing of project, he shall supply the latest versions of the specified equipment as hardware & software, at no extra cost.
- 2.6** At the time of approvals of equipment for the project, if a new equipment from the same manufacturer and same category with a new improved technology or format is



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introduced and it is required by Ministry of Information, bidder shall be asked to replace the quoted equipment with this newly developed equipment at no extra cost.

- 2.7** In case any of the equipment has been discontinued, at the time of execution of project, it shall also be replaced with the successor model of the same or better specifications at no extra cost to the contract value.
- 2.8** An approval, to finalize the equipment, must be obtained from the assigned engineering team of the Engineering Department of Ministry of Information, before execution of the project.
- 2.9** In case of deviations from tender specifications, the bidder shall give detailed reasons for the deviations, and must take approval from MOI engineers of OB section.
- 2.10** The equipment offered shall meet the CCIR recommendations and the technical specifications of this tender.
- 2.11** All the requirements must work reliably in open areas under the ambient temperatures of winter and summer seasons of Kuwait. Special attention shall be given to high dust contents in the atmosphere.
- 2.12** Operation and maintenance manuals shall be in English.
- 2.13** **Itemized prices shall be given for every item of the offer.** Detailed prices shall also to be given. The bidder shall offer a B.O.Q including All parts and accessories in detailed with its detailed prices of all equipment.
- 2.14** The bidder shall include items which are not listed in this document but are needed to complete the system. It is the bidders responsibility to ensure that his offer shall make a working system, and free from any technical or operational problems.



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### **3. Technical specifications**

#### **3.1 145Wh High-Load Li-Ion V-Mount Battery Qty: 10**

- 14.54V 145Wh V-Mount Battery.
- SMBus Data Info Displays in Viewfinder.
- Handles up to 14A Loads.
- Two 80W D-Tap Accessory Outputs.
- D-Tap & USB PD Fast Charging Port.
- V-Torch 5-LED Battery Life Indicator

#### **3.2 Camera compact converter via Optical Fiber Qty:20**

Camera compact converter via Optical Fiber (OpticalCon Duo Single Mode) enables extension of SDI/HDMI signal and audio to long distance.

- Enables Extension of SDI/HDMI Cameras.
- Transmission long Distance - via **opticalCon DUO Adapter**.
- Internal Battery.
- Talkback Function.
- 12V Power Connection.
- 2 Tally LEDs.
- Integrated Belt Clip / Camera Mount.
- Microphone Inputs.
- Aircraft-grade Aluminum Construction.
- Built-in Button Pad

#### **3.3 Broadcast Headset with Boom Microphone & Cable with XLR and 1/4" Jack Qty:10**

Circumaural, Sound-Isolating Design, Up to 32 dB Passive Noise Reduction, Padded Headset for Prolonged Listening, 60 Hz to 25 kHz Frequency Response, Hyper cardioid Dynamic Boom Microphone, 80 Hz to 16 kHz Frequency Response on Mic, Adjustable Audio Range of 45 dB on Mic, Switchable ActiveGard Hearing Protection, Cable Design Minimizes Handling Noise, 6.6' Cable with XLR & 1/4" Jacks.

#### **3.4 3G VIDEO COAXIAL CABLE Qty:20**

**100m** 3G/HD/SDI Flexible video coaxial cable on plastic drum terminated from both sides with 75Ohm BNC connectors



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| <b>3.5 TRIAX camera cable with connectors</b><br>150m Fischer 1051 11.3 -TRIAx CAMERA CABLE SE-KE)<br><b>NOTE: WITH CABLE CLAMP AND CAP ON A DRUM.</b>   | <b>Qty:15</b> |
| <b>3.6 SE connector (FOR TRIAX camera cable)</b><br>▪ Fischer 1051 SE 11.3 Triax connector cable plug.<br><b>NOTE: WITH CABLE CLAMP AND CAP.</b>   | <b>Qty:30</b> |
| <b>3.7 FISCHER 1051 PROTECTIVE<br/>SLEEVE For SE cable type</b>  | <b>Qty:30</b> |
| <b>3.8 SMPTE311 FIBER CAMERA CABLE</b><br>▪ 200m SMPTE311 CAMERA CABLE Lemo 3K.93C FUW-PUW.<br><b>NOTE: WITH CABLE CLAMP AND CAP ON A DRUM.</b>  | <b>Qty:8</b>  |
| <b>3.9 Flexible OpticalCon CABLE</b><br>▪ 300m flexible OpticalCon DUO dual mode optical fiber cable on metal reel.<br><b>NOTE: WITH CABLE CLAMP AND CAP ON A metal reel.</b><br><b>NOTE: must be compatible with (3.2).</b> | <b>Qty:8</b>  |
| <b>3.10 LC TO OPTICALCON CONNECTOR</b>   | <b>Qty:5</b>  |



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### BOQ:

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Item	Description	Qty.	Unit Price K.D	Total price K.D
3.1	145Wh High-Load Li-Ion V-Mount Battery	10		
3.2	Camera compact converter via Optical Fiber - including <b>opticalCon DUO Adapter.</b>	20		
3.3	Broadcast Headset with Boom Microphone & Cable with XLR and 1/4" Jacks	10		
3.4	3G VIDEO COAXIAL CABLE	20		
3.5	TRIAX camera cable with connectors	15		
3.5.2	SE connector (FOR TRIAX camera cable)	30		
3.5.3	FISCHER 1051 PROTECTIVE SLEEVE For SE and KE cable types	30		
3.6	SMPTE311 FIBER CAMERA CABLE	8		
3.7	Flexible OpticalCon CABLE	8		
3.7.1	OPADAP-1 opticalCON Duo to Duplex 2 LC Breakout Adapter, Multimode	5		