

Section II: Schedule of Requirements

eSourcing reference: ITB/2016/186

A. Summary of Requirements

UNOPS requirements are comprised of the following lots:

- Lot 1: Radio Man Pack
- Lot 2: ANTENNA
- Lot 3: BATTERY
- Lot 4: Field Pack
- Lot 5: Display Unit
- Lot 6: Cables
- Lot 7: Base Station
- Lot 8: Handset
- Lot 9: Wireless

B. Technical specifications for Goods and Comparative Data Table

Lot No 1: Radio Man Pack

Item No	UNOPS minimum technical requirements		Qty	Is bid compliant? Bidder to complete	Bidder to complete (Insert details of goods offered, including specifications and brand/model offered if applicable)
1	Radio Man Pack		30	☐ Yes ☐ No	
	Frequency band	1.5 MHz to 108 MHz & 25 MHz to 511.975 MHz		☐ Yes ☐ No	
	Tuning step	HF - 1 kHz		☐ Yes ☐ No	
		VHF/FM - 6.25 kHz, 8.33 kHz, 12.5 kHz, 25 kHz		☐ Yes ☐ No	
	Modes of operation	SSB/FM/AM, frequency hopping (VHF/FM)		☐ Yes ☐ No	
		Frequency hopping (HF)		☐ Yes ☐ No	
		Clear voice/data transmission (FF mode)		☐ Yes ☐ No	
		Secure voice/data transmission (FH mode, DFF mode)		☐ Yes ☐ No	
	Preset Radio Channels	100 (10 available on rotary switch)		☐ Yes ☐ No	

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	Frequency band	1.5 MHz to 108 MHz & 25 MHz to 511.975 MHz		☐ Yes ☐ No	
	Tuning step	HF - 1 kHz		☐ Yes ☐ No	
		VHF/FM - 6.25 kHz, 8.33 kHz, 12.5 kHz, 25 kHz		☐ Yes ☐ No	
	Modulation	A1A (CW) J3E(USB,LSB) J2D (USB) A3E, A3E-WB (AM) H3E (AM) F3E, F3E-WB (FM) F1B/F1D (FSK)		☐ Yes ☐ No	
	Frequency stability	Standard: ± 0.5 ppm		☐ Yes ☐ No	
	Setting mode of operation (Frequency, channel, etc)	Through Alphanumeric Display and Keyboard		☐ Yes ☐ No	
	Control	Local or Remote via Internal line		☐ Yes ☐ No	
		Modem (up to 2 km)		☐ Yes ☐ No	
	Data Rates (optional)	HF modes (FF)	VHF mode (FF)	☐ Yes ☐ No	
		STANAG 4285 waveform up to 3600 bit/s	Proprietary waveform upto 64 kbit/s	☐ Yes ☐ No	
		STANAG 4539 waveform up to 12800 bit/s		☐ Yes ☐ No	
	Transceiver Dimensions	199 mm x 74 mm x 309 mm (with battery pack)		☐ Yes ☐ No	
	Transceiver Weight	< 6 kg (with battery pack)		☐ Yes ☐ No	
	Antennas	Whip, Tactical and Transportable Dipole, Short/ Long wire, GPS		☐ Yes ☐ No	

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	Frequency band	1.5 MHz to 108 MHz & 25 MHz to 511.975 MHz			☐ Yes ☐ No	
	Tuning step	HF - 1 kHz			☐ Yes ☐ No	
		VHF/FM - 6.25 kHz, 8.33 kHz, 12.5 kHz, 25 kHz			☐ Yes ☐ No	
	BITE	In built BITE			☐ Yes ☐ No	
	Receiver	HF	VHF/UHF		☐ Yes ☐ No	
	Sensitivity (S/N = 10 dB)	SSB :- 117 dBm (0.3 μV) for 10 dB (S+N)/N (2.4 kHz bandwidth)	FM :- 113 dBm, 10 dB SINAD		☐ Yes ☐ No	
	Selectivity	300 Hz to +3050 Hz at 3dB -400Hz to +4550Hz at 60dB	300Hz to +3050Hz at 3dB 400Hz to +4550Hz at 60dB		☐ Yes ☐ No	
	Output audio level (Distortion <5%)	Headphone: 15mW/600 ohm	Headphone: 15 mW/600 ohm		☐ Yes ☐ No	
		Speaker 150 mW 4 ohm	Speaker 150 mW 4 ohm		☐ Yes ☐ No	
	IF & image rejection	80 dB minimum	-		☐ Yes ☐ No	
	Transmitter	HF	VHF/UHF		☐ Yes ☐ No	
	RF output power (on 50 ohm)	1 mW, 0.1 W, 0.2 W, 0.5 W, 1 W, 2 W, 5 W, 10 W, 20 W PEP , FM average, AM PEP	1 mW, 0.1 W, 0.2 W, 0.5 W, 1 W, 2 W, 5 W, 10 W, 20 W PEP , FM average, AM PEP		☐ Yes ☐ No	

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	Frequency band	1.5 MHz to 108 MHz & 25 MHz to 511.975 MHz			☐ Yes ☐ No	
	Tuning step	HF - 1 kHz			☐ Yes ☐ No	
		VHF/FM - 6.25 kHz, 8.33 kHz, 12.5 kHz, 25 kHz			☐ Yes ☐ No	
	Intermodulation Products	>36 dB below PEP			☐ Yes ☐ No	
	Carrier Suppression	>50 dB below PEP (J3E)			☐ Yes ☐ No	
	Harmonic attenuation	>40 dB	-60 dBc		☐ Yes ☐ No	
	Spurious emission	-70 dBc	-70 dBc		☐ Yes ☐ No	
	Antenna tuning	Built-in, automatic, silent tuning	Built-in, matching filter		☐ Yes ☐ No	
	Power Supply				☐ Yes ☐ No	
	Primary power	18 V to 33V DC			☐ Yes ☐ No	
	Nominal consumption	F3E, 50 W, 19 V - max. 30A			☐ Yes ☐ No	
		F3E, 50 W, 24 V - max. 22A			☐ Yes ☐ No	
	Manpack battery life (FF-operation, duty cycle TX/RX/Stdby = 1:1:8)	Batteries - Li-Ion (rechargeable) or LiSO2 (primary) Li-Ion - VHF (5 W, FM): 22 h, HF (10 W, SSB): 14 h LiSO2 - VHF (5 W, FM): 28 h, HF (10 W, SSB):18 h			☐ Yes ☐ No	
	Environmental				☐ Yes ☐ No	
	Temperature	-25° C to +55 °C operating, -40 °C to +85 °C storage			☐ Yes ☐ No	
	EMI	As per MIL-STD-461D		☐ Yes ☐ No		

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1	Radio Man Pack		30	☐ Yes ☐ No	
	Frequency band	1.5 MHz to 108 MHz & 25 MHz to 511.975 MHz		☐ Yes ☐ No	
	Tuning step	HF - 1 kHz		☐ Yes ☐ No	
		VHF/FM - 6.25 kHz, 8.33 kHz, 12.5 kHz, 25 kHz		☐ Yes ☐ No	
	Humidity, rain, corrosion, vibration	Per MIL-STD-810G		☐ Yes ☐ No	

Lot No 2: ANTENNA: All types shall be compatible with the offered radio

Item No	UNOPS minimum technical requirements		Qty	Is bid compliant? Bidder to complete	Bidder to complete (Insert details of goods offered, including specifications and brand/model offered if applicable)
2	ANTENNA SET, MANPACK, HF DIPOLE:		30	☐ Yes ☐ No	
	Tape, 1.5 m	3 – 30 MHz 0 – 100 km		☐ Yes ☐ No	
	Knock Over Whip, 1.5 m	3 – 30 MHz 0 – 100 km		☐ Yes ☐ No	
	Collapsible Whip, 3 m	2 – 30 MHz 0 – 500 km		☐ Yes ☐ No	
	Long Wire and Adaptor	1.6 – 30 MHz 0 – 500+ km		☐ Yes ☐ No	
	End-fed Broadband	3 – 30 MHz 0 – 500+ km		☐ Yes ☐ No	
	Broadband Dipole	3 – 30 MHz 0 – 500+ km		☐ Yes ☐ No	
	Wire Dipole	3 – 30 MHz 0 – 500+ km		☐ Yes ☐ No	
	Dipole and Broadband kit	2 – 30 MHz 0 – 500+ km		☐ Yes ☐ No	
	FAST TUNE ANTENNA COUPLER			☐ Yes ☐ No	
		Up to 150 Watts PEP and Average: 1.6 to 30 MHz: 9 to 35 foot whips; 35 to 150 foot long wires; 40 to 100 foot dipoles		☐ Yes ☐ No	
	Rated RF Input Tuning Capability	Up to 500 Watts PEP; 400 Watts Average: 1.6 to 30 MHz: 75 to 150 foot long wires; 1.6 to 30 MHz: 40 to 100 foot dipoles; 2.5 to 30 MHz: 35 foot whips; 4 to 30 MHz: 24 foot whips; 6 to 30 MHz: 16 foot whips		☐ Yes ☐ No	
12		Automatically tunes to 50 ohms to within a VSWR of 2:1, Typical is less than 1.5:1.	2	☐ Yes ☐ No	
	Tuning Accuracy New Frequency Tuning Time	200 ms tuning from memory based on prior tuneup. Initial tune time on new frequency typically less than 3 seconds (8 seconds maximum)4 seconds maximum, typically less than .5 seconds		☐ Yes ☐ No	

Item No	UNOPS minimum technical requirements		Qty	Is bid compliant? Bidder to complete	Bidder to complete (Insert details of goods offered, including specifications and brand/model offered if applicable)
2	ANTENNA SET, MANPACK, HF DIPOLE:		30	☐ Yes ☐ No	
	Tape, 1.5 m	3 – 30 MHz 0 – 100 km		☐ Yes ☐ No	
	Knock Over Whip, 1.5 m	3 – 30 MHz 0 – 100 km		☐ Yes ☐ No	
	Collapsible Whip, 3 m	2 – 30 MHz 0 – 500 km		☐ Yes ☐ No	
	Channel Capability	at least 480 channel memory		☐ Yes ☐ No	
	Receive Bypass	Automatic and manually controlled receive bypass		☐ Yes ☐ No	
	Test Method	Per MIL-STD-810G		☐ Yes ☐ No	
	35FT VERT ANTENNA			☐ Yes ☐ No	
	Frequency Range	2 to 30 MHz with RF-382 or RF-2601 Antenna Coupler		☐ Yes ☐ No	
	RF Power Capacity	• -B: 400 watts • -C and -F: 1000 watts		☐ Yes ☐ No	
	Input Impedance	• Compatible with RF-382 or RF-2601 Series • Antenna Coupler		☐ Yes ☐ No	
	Radiation Pattern	• Elevation: see radiation patterns below • Azimuth: omnidirectional		☐ Yes ☐ No	
13	Polarization	Vertical	5	☐ Yes ☐ No	
	VSMR	In accordance with RF-382 and RF-2601 Coupler Specifications		☐ Yes ☐ No	
	Gain	• SB-V35:>2 dBi• SB-V35:>2 dBi		☐ Yes ☐ No	
	Temperature	Operating: -40°C to + 60°C		☐ Yes ☐ No	
	Relative Humidity	0 to 100%		☐ Yes ☐ No	
	Wind	SB-V35: -45 mph without guys -100 mph with guys		☐ Yes ☐ No	
	ASSY ANTENNA GUY ROPE			☐ Yes ☐ No	
	NVIS ANTENNA, CTAN			☐ Yes ☐ No	

Ite m No	UNOPS minimum technical requirements			Qty	Is bid compliant? Bidder to complete	Bidder to complete (Insert details of goods offered, including specifications and brand/ model offered if applicable)	
2	ANTENNA SET, MANPACK, HF DIPOLE:			30	☐ Yes ☐ No		
14	Tape, 1.5 m	3 – 30 MHz	0 – 100 km		☐ Yes ☐ No		
	Knock Over Whip, 1.5 m	3 – 30 MHz	0 – 100 km		☐ Yes ☐ No		
	Collapsible Whip, 3 m	2 – 30 MHz	0 – 500 km		☐ Yes ☐ No		
	Dimensions Stowed	Stowed: bag 26” long x 7” dia. Deployed: by 61 ft.		5	☐ Yes ☐ No		
	Weight	Max 30 lbs			☐ Yes ☐ No		
	Height	Max 20 ft			☐ Yes ☐ No		
	Temperature	Operating -40° to +55° C (-40° to +131° F) Storage: -60° to +70° C (-76° to +158° F)			☐ Yes ☐ No		
	Wind	60 mph (96 kph) with no ice			☐ Yes ☐ No		
	RF Connector	Side feed with wing nut			☐ Yes ☐ No		
	Frequency Range	2 to 30 MHz with antenna coupler			☐ Yes ☐ No		
	RF Power Capacity	400 Watts			☐ Yes ☐ No		
	Input Impedance	Compatible with the offered radio			☐ Yes ☐ No		

Lot No 3: BATTERY: All types shall be compatible with the offered radio

Item No	UNOPS minimum technical requirements		Qty	Is bid compliant? Bidder to complete	Bidder to complete (Insert details of goods offered, including specifications and brand/model offered if applicable)
3	BATTERY LITHIUM ION RECHARGEABLE 28.8 V		90	☐ Yes ☐ No	
	Voltage			☐ Yes ☐ No	
	OCV	31.8 V		☐ Yes ☐ No	
	Mid-discharge	28.8 V		☐ Yes ☐ No	
	Cut-off	24.0 V		☐ Yes ☐ No	
	Maximum charge	32.0 V		☐ Yes ☐ No	
	Capacity			☐ Yes ☐ No	
	+ 54° C	>80 Ah		☐ Yes ☐ No	
	+ 21° C	>80 Ah		☐ Yes ☐ No	
	- 32° C	>70 Ah		☐ Yes ☐ No	
	Max discharge rate	30 A		☐ Yes ☐ No	
	Weight	64 lbs/29 kg		☐ Yes ☐ No	
	Height	13.19 in/335.0 mm		☐ Yes ☐ No	
	Width	12.60 in/322.3 mm		☐ Yes ☐ No	
	Length	17.07 in/433.6 mm		☐ Yes ☐ No	
	Transport	UN & DOT Approved		☐ Yes ☐ No	
	Altitude	50,000 ft/15,240 m		☐ Yes ☐ No	
	Drop tested	3 ft		☐ Yes ☐ No	
	Water proof	3 ft		☐ Yes ☐ No	
	Vibration spectrum	full		☐ Yes ☐ No	
	Shock spectrum	full		☐ Yes ☐ No	
	Electromagnetic protection	(if required)		☐ Yes ☐ No	
	Battery Charger			☐ Yes ☐ No	

Item No	UNOPS minimum technical requirements	Qty	Is bid compliant? Bidder to complete	Bidder to complete (Insert details of goods offered, including specifications and brand/model offered if applicable)
3	BATTERY LITHIUM ION RECHARGEABLE 28.8 V	90	☐ Yes ☐ No	
	Voltage		☐ Yes ☐ No	
	OCV 31.8 V		☐ Yes ☐ No	
	Mid-discharge 28.8 V		☐ Yes ☐ No	
	EIGHT-BAY BATTERY CHARGER- HANDHELD BATTERY		☐ Yes ☐ No	
	Charge Times up to 7 hours		☐ Yes ☐ No	
4	AC Input Voltage 100 to 240 VAC	6	☐ Yes ☐ No	
	DC Input Voltage 12 to 36 VDC		☐ Yes ☐ No	
	Temperature Min Operating 0 °C to +40 °C Min Storage: -40 °C to + 70 °C		☐ Yes ☐ No	
	Cooling Convection		☐ Yes ☐ No	
	BATTERY SOLAR CHARGER, MP, DESERT CAMO		☐ Yes ☐ No	
	120-360 Watts Output Power from 2 or 6 Solar Panels		☐ Yes ☐ No	
	Built-in Charge Controller to charge external batteries or provide 12 or 24 VDC output directly to electronic equipment		☐ Yes ☐ No	
	Can recharge Lead Acid, Li-Ion, NiCad, NiMH & other batteries.		☐ Yes ☐ No	
5	Can operate in harsh environments with lid sealed	24	☐ Yes ☐ No	
	Available with power storage capabilities for more continuous operation during low sunlight and/or night conditions.		☐ Yes ☐ No	
	Available with DC to AC Inverter Allowing use of AC/DC power adapters		☐ Yes ☐ No	
	Available with DC/DC converter for multiple DC Outputs: 3.3, 5, 12, 18, 24 VDC		☐ Yes ☐ No	

Lot No 4: Field Pack: All types shall be compatible with the offered radio

Item No	UNOPS minimum technical requirements	Qty	Is bid compliant? Bidder to complete	Bidder to complete (Insert details of goods offered, including specifications and brand/model offered if applicable)
6	3-DAY PACK WITH FIII RADIO POUCH, MULTICAM	24	☐ Yes ☐ No	
	Built to exacting standards from heavy-duty 600D PVC nylon or equivalent		☐ Yes ☐ No	
	Double stitched seams		☐ Yes ☐ No	
	Main compartment: 20"H x 12"W x 5.5"D (1320 cubic inches) with internal organization		☐ Yes ☐ No	
	Top front: 13"H x 12"W x 3"D (468 cubic inches) pleated w/ internal organization		☐ Yes ☐ No	
	Two large MOLLE pouches attached to each side, (5"x 2.5"x 8", 100 cubic inches)		☐ Yes ☐ No	
	Overall Size: 2,420 cubic inches		☐ Yes ☐ No	
	Body contoured shoulder straps with D-Ring for equipment attachment		☐ Yes ☐ No	
	Adjustable padded waist belt		☐ Yes ☐ No	
	Waist belt measures 52"		☐ Yes ☐ No	
	External side compression straps		☐ Yes ☐ No	
	Heavy-duty carry and drag handle		☐ Yes ☐ No	
	Molded EVA back panel		☐ Yes ☐ No	
	Two double zipper pulls on the main compartment for easy access		☐ Yes ☐ No	
	All zipper pulls threaded with para-cord for durability and noise reduction		☐ Yes ☐ No	
	MOLLE and PALs attachment points throughout		☐ Yes ☐ No	
	Hydration compatible		☐ Yes ☐ No	
	Sternum strap		☐ Yes ☐ No	
	Weight: not to exceed 3.5 lbs.		☐ Yes ☐ No	

Lot No 5: Display Unit: The KDU shall be compatible with the offered radio

Item No	UNOPS minimum technical requirements	Qty	Is bid compliant? Bidder to complete	Bidder to complete (Insert details of goods offered, including specifications and brand/model offered if applicable)
7	KIT, REMOTE KDU, CARC GREEN, FIII MP	24	☐ Yes ☐ No	
	Kit		☐ Yes ☐ No	
	Color		☐ Yes ☐ No	
	KDU with ManPack Cable		☐ Yes ☐ No	
	Carc Green		☐ Yes ☐ No	

Lot No 6: Cables: *Items shall be compatible with the offered radio*

Item No	UNOPS minimum technical requirements	Qty	Is bid compliant? Bidder to complete	Bidder to complete (Insert details of goods offered, including specifications and brand/model offered if applicable)
	CABLE		☐ Yes ☐ No	
	USB TO ETHERNET		☐ Yes ☐ No	
8	Shall be designed for harsh environments. The exterior cable designs shall consists of a UV resistant, polyurethane, halogen free flame retardant (HFFR) jacket and conductors shall be doubled shielded with a braid and foil (SFTP).	10	☐ Yes ☐ No ☐ Yes ☐ No	
	ANTENNA COUPLER Assembly Cable		☐ Yes ☐ No	
9	Shall be designed for harsh environments. Compatible with the offered items	5	☐ Yes ☐ No ☐ Yes ☐ No	
	CABLE ASSY, COAX, 100FT		☐ Yes ☐ No	
	Tested Frequency Range	0.5 to 18 GHz (typical, also depends on cable choice)	☐ Yes ☐ No	
	Characteristic Impedance	50 Ohms	☐ Yes ☐ No	
	VSWR	1.40:1 maximum ; add 0.05 per angle connector	☐ Yes ☐ No	
	Maximum Operating Voltage	2500 Volts (1000 volts with SMA)	☐ Yes ☐ No	
	RF Leakage	-90 dB maximum per foot over Tested Frequency Range including connectors	☐ Yes ☐ No	
	Operating Temperature Range	-55 to +150 degrees C (200 C maximum available on request)	☐ Yes ☐ No	
	Chemical Resistance	In accordance with MIL-T-81490 and MIL-C-87104	☐ Yes ☐ No	
10	Flexure	In accordance with MIL-C-87104	5 ☐ Yes ☐ No	
	Salt Fog	In accordance with MIL-T-81490, MIL-C-87104 and other specifications	☐ Yes ☐ No	
	Humidity	In accordance with MIL-T-81490, MIL-C-87104 and other specifications	☐ Yes ☐ No	

Item No	UNOPS minimum technical requirements	Qty	Is bid compliant? Bidder to complete	Bidder to complete (Insert details of goods offered, including specifications and brand/model offered if applicable)
	CABLE		☐ Yes ☐ No	
	USB TO ETHERNET		☐ Yes ☐ No	
8	Shall be designed for harsh environments.	10	☐ Yes ☐ No	
	The exterior cable designs shall consists of a UV resistant, polyurethane, halogen free flame retardant (HFFR) jacket and conductors shall be doubled shielded with a braid and foil (SFTP).		☐ Yes ☐ No	
	Abrasion Resistance	In accordance with MIL-T-81490 and MIL-C-87104 / .020" edge	☐ Yes ☐ No	
	Vapor Leakage	1x10 ⁻⁵ cc/sec/ft of Helium maximum including connectors	☐ Yes ☐ No	
	Vibration	In accordance with MIL-T-81490 and other specifications	☐ Yes ☐ No	
	Shock	In accordance with MIL-T-81490 and other specifications	☐ Yes ☐ No	

Lot No 7: Base Station: Items shall be compatible with the offered radio

Item No	UNOPS minimum technical requirements	Qty	Is bid compliant? Bidder to complete	Bidder to complete (Insert details of goods offered, including specifications and brand/model offered if applicable)
11	ADAPTER, 400W BASE STATION	2	☐ Yes ☐ No	
	Power	400 W	☐ Yes ☐ No	
	Frequency Range	Dependent upon the antenna	☐ Yes ☐ No	
	Factory Tuned Frequency	Dependent upon the antenna	☐ Yes ☐ No	

Lot No 8: Handset: Items shall be compatible with the offered radio

Item No	UNOPS minimum technical requirements	Qty	Is bid compliant? Bidder to complete	Bidder to complete (Insert details of goods offered, including specifications and brand/model offered if applicable)
15	HANDSET	10	☐ Yes ☐ No	
	SPECIFICATION		☐ Yes ☐ No	
	EARPHONE		☐ Yes ☐ No	
	MICROPHONE		☐ Yes ☐ No	
	SWITCH		☐ Yes ☐ No	
	CABLE		☐ Yes ☐ No	

Lot No 9: WIRELESS: Items shall be compatible with the offered radio

Item No	UNOPS minimum technical requirements	Qty	Is bid compliant? Bidder to complete	Bidder to complete (Insert details of goods offered, including specifications and brand/model offered if applicable)
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16 **WIRELESS MESSAGE TERMINAL, HF**

4 ☐ Yes ☐ No

Encryption	Off-line, end-to-end (i.e. S/MIME, PGP), encryption embedded in radios, in-line encryption using several external cryptos	☐ Yes ☐ No
Logging/Archiving	Incoming and outgoing messages, radio and modem activities	☐ Yes ☐ No
Message Management	Automatic resend of messages over alternate paths and media, configurable transmission times, random retry period for message retry, message ganging to same location, resume failed message transfer	☐ Yes ☐ No
Image Processing	Zoom, crop, rotate, color/brightness adjust, histogram equalization, image annotations, symbol overlays	☐ Yes ☐ No
Image Formats	Harris wavelet, JPEG, BMP, MAC, TIF, PNG	☐ Yes ☐ No
CPU	500 MHz for Windows 2000 1 GHz for Windows XP	☐ Yes ☐ No
RAM	256 MB for Windows 2000 512 MB for Windows XP	☐ Yes ☐ No
Hard Disk	80 GB	☐ Yes ☐ No

C. Delivery requirements and Comparative Data Table

UNOPS Requirements		Is bid compliant? Bidder to complete	Details Bidder to complete
Delivery time	Bidder shall deliver the goods 2 weeks after Contract signature.	☐ Yes ☐ No	Insert details
Delivery place and Incoterms rules	DAP- Irbil Airport	☐ Yes ☐ No	Insert details
Consignee details	TBC	☐ Yes ☐ No	Insert details
UNOPS Right to vary requirements	At the time the Contract is awarded, UNOPS reserves the right to vary the quantity of the goods and associated services specified above, provided this does not exceed +/- 20%, without any change in the unit prices or other terms and conditions of the ITB.	☐ Yes ☐ No	Insert details

D. Inspections and tests

The following inspections and tests shall be performed:

The vendor must have the goods inspected in the manufacturer's works by a competent authority and submit a test certificate and also a guarantee/warranty certificate that the goods conform to written specifications.