

TECHNICAL SPECIFICATIONS FOR THE CONTRACT AWARD PROCEDURE TO SUPPLY CLOTHES AND SEARCH TOOLS EQUIPMENT FOR THE SEAPORT COOPERATION PROJECT III-IV (SEACOP III-IV) (IFS/2014/352-450)

1. INTRODUCTION AND DESCRIPTION OF THE CURRENT SITUATION

The International and Ibero-American Foundation for Administration and Public Policies (FIIAPP) is a Spanish not-for-profit public sector foundation whose activities fall within the sphere of international cooperation targeted at institutional modernisation, the reform of Public Administrations and strengthening of democratic governability.

The Foundation is recorded in the Register of Foundations, has full legal personality and full legal capacity to perform any such acts deemed necessary to fulfil its objectives, in accordance with the provisions of law.

The SEACOP Project is funded by the EU Instrument contributing to Stability and Peace and forms part of the Cocaine Route Programme. This project was awarded by the European Commission to FIIAPP in December 2014 and is being run under an Indirect Management Delegation Agreement (IMDA).

The geographical scope of the project covers the islands in the Eastern Caribbean, more specifically: Barbados, St Vincent and the Grenadines, Antigua and Barbuda, St Kitts and Nevis, Dominica, Grenada, St Lucia, Montserrat, British Virgin Islands, Anguilla, Trinidad and Tobago.

The overall objective of this Action is to support the fight against maritime illicit trafficking and associated criminal networks in the targeted countries and regions. This will ultimately help alleviate the negative impact of illicit (drugs) trafficking on the public health, the governance and the social economy of the beneficiary countries.

One of the specific objectives of the SEACOP project is to strengthen the capacities of selected countries to tackle illicit maritime trafficking, by providing specialist training and equipment. The equipment subject of this tender has been identified as being necessary to strengthen capacities in eleven countries in the Eastern Caribbean. The equipment will be donated to the beneficiary countries and will be used by Law Enforcement agencies in those countries for the search of vessels and cargo, and other activities.

2. PURPOSE OF THE CONTRACT

The FIIAPP is looking to award a contract for the supply of clothes and search tools equipment that will be used to build capacities in the abovementioned recipient countries.

3. DESCRIPTION OF THE SUPPLIES THAT FORM THE SUBJECT-MATTER OF THIS CONTRACT AWARD PROCEDURE

3.1 Materials

The supplies that form the subject-matter of this contract award procedure are detailed below:

I. SEARCH TOOLS

Qty	ITEM	Specifications
11	Rechargeable portable Drill, with sets of drill bits for wood, steel & stone	Voltage - 18 V Chuck Capacity - 1.5 - 13 mm Power Output - 350 Watts No Load Speed - 0-600/2000 rpm Max Torque - 60 Nm Max. Drilling Capacity [Wood] - 38 mm Max. Drilling Capacity [Metal] - 13 mm Battery Capacity - 4.0 Ah Multi-voltage charger 2 slide batteries Heavy duty kit box
11	30 metre Extension power cable	Open drum 30 m cable reel.
18	Endoscopic inspection cameras	CA100 inspection camera. A rigid micro Inspection Camera that provides detailed visual inspection in hard to reach areas. Specifications: Comfortable pistol grip design and forward facing controls. Lightweight and with a high visibility LCD screen (3.5"). 360° image rotation, 4 LED lights and excellent image quality. Video-out supporting PAL & NTSC. Rugged plastic carrying case. 1x 90 cm RCA cable for video out. Weight no more than 4kg. Cable Length: 0.9m up to 30mtrs, Water resistant up to 3metres (lance), Attachments: Hook, magnet and mirror-pack, Display: 3.5 inch Colour LCD (320 x 240 resolution or greater).

18	Gas monitor	<p>On/Off capability Single gas monitors for H2S, O2, CO, SO2 Easy one button operation Displays real time value Datalogging as standard Includes fully programmable menu for alarms and latching/non-latching settings Alarms: audible, visual, vibrating, Time Weighted Average (TWA), Short Term Exposure Limit (STEL), low battery and end of life Rugged stainless steel alligator clip 2 year warranty (conditional on usage) Backlit LCD display IP67 – dust tight, and waterproof up to 1m/3ft Shipped with recyclable packaging</p>
18	Laser Distance measure device and Bolt Cutters	330 ft Laser distance mesurer bundle
11	Mini Angle-grinder with cutting disks	<p>Voltage: 18 V Battery Capacity: Li-Ion 4.0 Ah Max. Disc Diameter: 125 mm Power Output: 405 Watts No Load Speed: 7000 rpm Spindle Thread: M14 2 position side handle Keyless protective guard Blade Wrench Multi-voltage charger 2 slide batteries Heavy duty kit box</p>
94	Waterproof and Intrinsically safe torches for use in hazardous environments	<p>Batteries: 3 x C-Cell Bulb: Xenon Burn Time: 5 hrs Watts: 3.3 w Lumen: 33</p>
11	Assorted tool set	<p>Contained in Tool Cabinet 4 Drawer Chest No. of Pieces 242 Contents Chest and Tools Package</p>
44	pliers - long nosed and standard with insulated handles	8" Ergomulti Long Nose Pliers with Wire Stripper & Wire Crimper Features
22	Extendable search mirror (small mirror head)	<p>Inspection Mirror with Swivel Wheels Convex mirror design for larger viewing area Telescopic handle with padded grip adjusts from 37" to 51" Heavy duty 4" wheels handle any surface</p>

22	Pry bar or jemmy	5 piece set Includes Wrecking bars, Utility bars and Aligning bar Suitable for pulling nails, wrecking, dismantling, prying, aligning bolt holes and connecting hardware
22	Portable Tool Chest	Extra-large tool box with removable tray. Giant bin 0.5 gallon. Load capacity 88lbs, heavy-duty.
11	Night vision goggles	Night Vision: Generation 2+ Resolution: 45-64 lp/mm Magnification: 1x Lens System: 26mm f1.12 Field of View Angle: 40° Field of View: 2184' at 1000 yards Range of Focus: 10" to Infinity Detection Range: 820' Recognition Range: 656' Diopter Adjustment: +2 to -6 Waterproof: Up to 3' for 30 minutes IR Illuminator: Yes Batteries: 2x AA Battery Life: 40 hours
18	Binoculars	Lens diameter 42 mm Magnification 10x Eye relief 14 mm Exit pupil 4,2 mm Minimum focus distance 2 m Twilight factor 20,5 Light intensity 17,6 Field of view at 1000 metres 101 m Lens coating Fully Multi Coated (FMC) Glass material BaK-4
94	Pocket knives/multi tool	Trailmaster swiss army knife
33	Box cutters	Retractable trimming knife
11	Long lens camera	Sensor (effective resolution) 12.1MP MOS 1/2.3-inch, Sensitivity range ISO 100-3200/ISO 6400 (exp), Lens (35mm-equivalent) 24x f2.8 25-600mm, Closest focus 0.4-inch (1cm), Continuous shooting 5.5fps (12fps with fixed focus), Electronic viewfinder 0.21-inch/1,312K dots, 100 percent coverage, Autofocus 23-area contrast AF, Shutter 60-1/4,000 sec, Flash, Hot shoe, LCD 3-inch free-angle 460K dots, Image stabilization Optical, Video(best quality) AVCHD 1080/60p/60i/30p, Audio Stereo, mic input, Optical zoom while recording, Battery life (CIPA rating) 540 shots.

18	Laptop computers	With built in camera and wifi Processor: i3; 4GB RAM; 13,3" + Office
7	Multi-purpose night vision monocular	Total Darkness IR System Yes IIT Generation 2+ Resolution 45-54 lp/mm Signal to Noise Ratio 12-20 lp/mm Figure of Merit <1100 MTTF - Mean Time Before Failure 5,000 hours Magnification 1x Lens System F1.2, 27 mm Proshield Lens Coating Yes FOV 40° Range of Focus 0.25 yd/m to infinity Diopter Adjustment -6 to +2 Controls Digital Automatic Brightness Control Yes Bright Light Cut-off Yes Infrared Illuminator Yes (Built-in with flood lens) IR Indicator Yes Low Battery Indicator Yes Power Supply 1 x 1.5 V AA type battery Battery Life 25-30 hours Environmental Rating Water resistant
11	Camera	Video resolution 1080p, 720p, 720 SuperView, MicroUSB, Micro SD, 64 GB
11	Mounting accessories (chest strap)	Chesty (chest Harness)
11	Suction mount (vehicle mounting)	Suction Cup
11	Head strap mount	Head Strap + QuickClip

2. CLOTHES

Qty	ITEM	Specifications
174	Safety Hard hats	Adjustable head harness, High density polyethylene shell, Lightweight.
174	Overalls, cotton light weight	Lightweight with hi viz taping, Two slanted chest pockets with nylon zips on front, two back pockets, Tool pocket, rule pocket and hammer loop, Action back, Knee Pad Pouches, 100% Cotton, Colour: Navy Blue.
150	Safety Boots (steel toe cap, non-slip)	General work boot-style trainers with metal toecap and mid-sole essential for site work. Suede leather uppers. Anti-static with heel absorption. Colour: Black.

174	Work gloves	Wing thumb, Reinforced double leather palm, Leather knuckle strap, ToughGrip double stitching, Reinforced fingertips, Rubberized safety cuff.
174	Goggles	Ventilated goggles. With lenses made from tough polycarbonate, medium energy, high speed impacts of up to 120m/s (270mph). The lenses are clear and UV resistant.
18 boxes (20 units per box)	Disposable Dust masks	No need for nose clips Loop Strap for easy application PVC-FREE Non Toxic Dust & Fibres FFP1
11 boxes (500 pairs per box)	Disposable ear plugs	Recyclable material.
47	Barrier Cream	150 ml.

The supplies that form the subject-matter of this contract award procedure are detailed in **Annex I** of these specifications. The technical specifications must be as similar as possible to those indicated in column 3 of **Annex I**.

3.2 Equivalency of Standards and Codes

- Wherever reference is made in the technical specifications to specific standards and codes to be met by the goods to be furnished, the provisions of the latest current edition shall apply.
- Clone products will not be accepted for any of the requested products. Only original brands that comply with all corresponding regulations in the recipient country will be accepted. All goods to be supplied shall be designed and tested in accordance with relevant standards such as CE, ISO, DIN, ANSI, TUV, NEC or other equivalent internationally recognized regulations and standards. Electrical installation work must conform to the Caribbean Region electrical standards where applicable.

3.3 Material Specifications

Clothes' sizes

	Boots		Clothes	
	Qty	Sizes	Qty	Sizes
BARBADOS	1	9.5	3	Large
	3	10.5	5	X Large
	4	11	1	XX Large
	1	10		
ANTIGUA	1	Women 8.5	3	Large

	1	Women 9	5	Medium
	1	10		
	5	11		
ST VINCENT	1	Women 6 wide	1	Small
	2	8.5	4	Medium
	1	10	3	Large
	2	10.5	1	XX Large
	1	11		
	2	12		
ST KITTS	1	Women 8	3	Medium
	1	10		
	1	9	3	Large
	1	10 Wide		
	3	11	2	X Large
	1	12 Wide		
ANGUILLA	2	10	3	XX Large
	2	10.5	1	Large
	1	9	1	Medium
	1	Women 9	1	Small
MONTSERRAT	1	Women 9	4	Large
	1	9	2	X Large
	2	10		
	1	10.5		
	1	11		
ST LUCIA	2	9.5	3	Medium
	1	9	2	Large
	1	Women 10	3	X Large
	2	10	1	XX Large
	2	13		
	1	12		
BRITISH VIRGIN ISLANDS	1	Women 7.5	1	Medium
	1	8	3	Large
	1	10	1	X Large
	1	10.5	1	XX Large
	2	13		
GRENADA	1	8	2	Medium
	1	8.5	4	Large
	3	10	2	X Large
	1	11	1	XX Large
	2	12		
	1	13		
TRINIDAD	1	Women 8	3	Medium
	1	9.5		
	1	Women 7	4	Large
	2	10.5		
	3	11	2	XX Large
	1	12		
DOMINICA	1	9	4	Large
	4	10	4	X Large
	1	10.5	1	XX Large
	2	11		
	1	11.5		

Size conversion chart U.S. to European:

System	Sizes																System		
Europe	36	36½	36	37	37½	38	38½	39	40	41	42	43	44	45	46½	48½	Europe		
Mexico						4.5	5	5.5	6	6.5	7	7.5	9	10	11	12.5	Mexico		
Japan	M	21.5	22	22.5	23	23.5	24	24.5	25	25.5	26	26.5	27.5	28.5	29.5	30.5	31.5	Japan	M
	W	21	21.5	22	22.5	23	23.5	24	24.5	25	25.5	26	27	28	29	30	31	Japan	W
U.K.	M	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	10	11	12	13½	U.K.	M
	W	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	9½	10½	11½	13	U.K.	W
Australia	M	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	10	11	12	13½	Australia	M
	W	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	10½	11½	12½	14	Australia	W
U.S. & Canada	M	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	10½	11½	12½	14	U.S. & Canada	M
	W	5	5½	6	6½	7	7½	8	8½	9	9½	10	10.5	12	13	14	15.5	U.S. & Canada	W

Search tools

- Electrically operated equipment must comply with United Kingdom electrical standards and be suitable for connection to an electrical supply of single phase 220V RMS +/-10% ... Hz +/-5% with earth or three phase ... V RMS AC +/-10% ...Hz +/-5% with earth.
- All equipment must have internal or integrated power supplies.
- Must comply with Plug Type American Standard AC3 Prong (NEMA 5-15 grounded (Type B) including earth or to equivalent UK Standard.
- Must have an effective earth bond unless double insulated.
- Must be protected by an appropriately sized HRC fuse or breaker
- In the event that there is risk from electric shock then earth leakage protection must be included.
- If the equipment requires any more than a standard 16A outlet then the Tenderer must allow this for.
- The Tenderer shall include all cable connections, switches and fuses that may be deemed necessary.
- Equipment must be designed in accordance with the following conditions, unless otherwise stated.
 - Maximum Ambient Temperature: 45 degrees Celsius
 - Maximum Relative Humidity: 85%
 - Dust: 0.40 gr./m³
 - Maximum Temperature A/C Room 30° Celsius
 - Max. Relative Humidity A/C Room 65%
- The use of metric units is preferred unless otherwise required by a technical specification. ISO metric threads should be incorporated as far as practicable.
- Gauges and instruments, drawings and data shall be in the metric System.
- The following conditions apply to the supply of hardware equipment:

- a) The latest releases/models of manufacturer's hardware at time of shipping, at least equal to the level of performance of the tendered specifications providing there is no increase in price. Should the technical specifications of the equipment described in the contract become obsolete or the equipment itself become unavailable due to market change, the Contracting Authority reserves the right to ask for an equivalent configuration at the same contractual conditions.
- b) Hardware computer must be supplied from the same manufacturer.
- c) Hardware must meet ISO manufacturing quality assurance standards.
- All standard software application programs must meet the following general specifications:
 - a) Professional user licenses shall be proposed.
 - b) The latest release of software at the time of shipping.
 - c) Application software licenses appropriate for the number of users indicated in the technical specifications.
 - d) Software licenses must grant to the project sites permanent and unrestricted future use of the software.
 - e) Software must be supplied free from viruses.

If not manufactured locally, software must be export versions, licensed for use in Caribbean Region.
- All additional materials or passive components which may be required to complete the installations of the equipment to ensure the configuration, connectivity and correct network functioning shall be provided by the Contractor. The Contractor should include the cost of such materials or components within the unit prices contained in his tender.
- The contractor will test all materials.

3.4 Warranty & After-sales service

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- The tenderer must provide a two-year warranty for all of the requested products, except for consumables, starting on the date on which the products are received, undertaking during this period to perform any modifications required to remedy any detected faults that are attributable to the awarded company.
- The tenderer shall at his own cost repair defects or damages. In case the defect or damage cannot be repaired within the solution time requested the tenderer shall make available substitutive equipment for the period of time needed to repair defective equipment. In case the defect or damage cannot be repaired the tenderer shall replace the item within the replacement time.
- The requested response times for warranty and after-sales service for equipment hardware are as follows:

Groups	Materials	Response time	Solution time	Repair/Replacement time
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I	Search tools	Within 72 hours	Within 7 working days	Within 2 months
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- The Contractor shall provide or secure the provision of a local reliable warranty-backed after-sales service thereafter guaranteeing on-site maintenance; technical back up and the rapid replenishment of spare parts and consumables for one year from provisional acceptance. His technical offer shall include a description of how the service will be provided by a local organization authorized by the manufacturer including name of the service organisation, postal address, telephone and facsimile number and e-mail address, together with evidence that such an arrangement exists.
- The after-sales service must be available if required by the Contracting Authority for an additional 3 years as an extended warranty and for which a separate contract would be established.
- Genuine spare parts and consumables must be available for a period not shorter than the period covered by the extended warranty.
- The Contractor shall submit the warranty certificates for each item to the Contracting Authority stating the commencement date as the date of the reception.

4. PREPARATION AND DELIVERY OF THE SUPPLIES

The supply of the goods has to be made according to the incoterm DAP- Delivered At Place - Incoterms 2010 International Chamber of Commerce. The seller will be responsible for arranging carriage and for delivering the goods, ready for unloading from the arriving conveyance.

The seller delivers when the goods are placed at the disposal of the buyer on the arriving means of transport ready for unloading at the named place of destination. The seller bears all risks involved in bringing the goods to the named place. This means that the buyer bears all risks and costs of import clearance at the port or at the border of the agreed place of destination, whereas customs clearance for export is on the seller.

The delivery period for the goods that form the subject-matter this contract award procedure will be a maximum of 30 days from the date on which the contract is formalized.

The identification of the packaging for these goods will depend on the recipient institution. The following information related to that identification will appear on each individual package:

- Name of the institution
- Contact person
- Delivery address
- Contents

The delivery information will be supplied to the successful company upon signing the contract.

Partial deliveries will not be accepted. All goods must be delivered within the established deadlines and to the established places.

ANNEX I: TECHNICAL PROPOSAL

Contract title: SEAPORT COOPERATION PROJECT (SEACOP) SUPPLY, DELIVERY, AND AFTER SALE SERVICE OF SEARCH TOOLS AND CLOTHES

Instructions:

- **Column 1-2 should be completed by the Contracting Authority**
- **Column 3-4 should be completed by the tenderer**
- **Column 5 is reserved for the evaluation committee**

The tenderers are requested to complete the template on the next pages:

- Column 2 is completed by the Contracting Authority shows the required specifications (not to be modified by the tenderer),
- Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words “compliant” or “yes” are not sufficient)
- Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. The evaluation committee may reject offers that do not permit to identify precisely the models and the specifications.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offered specifications.

1: SEARCH TOOLS

Column 1	Column 2		Column 3	Column 4
ID No.	Specifications	Qty	Specifications Offered	Notes, remarks, ref to documentation
L1.01	Rechargeable portable Drill, with sets of drill bits for wood, steel & stone Voltage - 18 V Chuck Capacity - 1.5 - 13 mm Power Output - 350 Watts No Load Speed - 0-600/2000 rpm Max Torque - 60 Nm Max. Drilling Capacity [Wood] - 38 mm Max. Drilling Capacity [Metal] - 13 mm Battery Capacity - 4.0 Ah Multi-voltage charger	11		

Column 1	Column 2		Column 3	Column 4
ID No.	Specifications	Qty	Specifications Offered	Notes, remarks, ref to documentation
	2 slide batteries Heavy duty kit box			
L1.02	30 metre Extension power cable Open drum 30 m cable reel.	11		
L1.03	Endoscopic inspection cameras CA100 inspection camera. A rigid micro Inspection Camera that provides detailed visual inspection in hard to reach areas. Specifications: Comfortable pistol grip design and forward facing controls. Lightweight and with a high visibility LCD screen (3.5"). 360° image rotation, 4 LED lights and excellent image quality. Video-out supporting PAL & NTSC. Rugged plastic carrying case. 1x 90 cm RCA cable for video out. Weight no more than 4kg. Cable Length: 0.9m up to 30mtrs, Water resistant up to 3metres (lance), Attachments: Hook, magnet and mirror-pack, Display: 3.5 inch Colour LCD (320 x 240 resolution or greater).	18		
L1.04	Gas monitor On/Off capability Single gas monitors for H2S, O2, CO, SO2 Easy one button operation Displays real time value Datalogging as standard Includes fully programmable menu for alarms and latching/non-latching settings Alarms: audible, visual, vibrating, Time Weighted Average (TWA), Short Term Exposure Limit (STEL), low battery and end of life Rugged stainless steel alligator clip 2 year warranty (conditional on usage) Backlit LCD display IP67 – dust tight, and waterproof up to 1m/3ft Shipped with recyclable packaging	18		
L1.05	Laser Distance measure device and Bolt Cutters 330 ft Laser distance mesurer bundle	18		



Column 1	Column 2		Column 3	Column 4
ID No.	Specifications	Qty	Specifications Offered	Notes, remarks, ref to documentation
L1.06	Mini Angle-grinder with cutting disks Voltage: 18 V Battery Capacity: Li-Ion 4.0 Ah Max. Disc Diameter: 125 mm Power Output: 405 Watts No Load Speed: 7000 rpm Spindle Thread: M14 2 position side handle Keyless protective guard Blade Wrench Multi-voltage charger 2 slide batteries Heavy duty kit box	11		
L1.07	Waterproof and Intrinsically safe torches for use in hazardous environments Batteries: 3 x C-Cell Bulb: Xenon Burn Time: 5 hrs Watts: 3.3 w Lumen: 33	94		
L1.08	Assorted tool set Contained in Tool Cabinet 4 Drawer Chest No. of Pieces 242 Contents Chest and Tools Package	11		
L1.09	Pliers - long nosed and standard with insulated handles 8" Ergomulti Long Nose Pliers with Wire Stripper & Wire Crimper Features	44		
L1.10	Extendable search mirror (small mirror head) Inspection Mirror with Swivel Wheels Convex mirror design for larger viewing area	22		



Column 1	Column 2		Column 3	Column 4
ID No.	Specifications	Qty	Specifications Offered	Notes, remarks, ref to documentation
	Telescopic handle with padded grip adjusts from 37" to 51" Heavy duty 4" wheels handle any surface			
L1.11	Pry bar or jemmy 5 piece set Includes Wrecking bars, Utility bars and Aligning bar Suitable for pulling nails, wrecking, dismantling, prying, aligning bolt holes and connecting hardware	22		
L1.12	Portable Tool Chest Extra-large tool box with removable tray. Giant bin 0.5 gallon. Load capacity 88lbs, heavy-duty.	22		
L1.13	Night vision goggles Night Vision: Generation 2+ Resolution: 45-64 lp/mm Magnification: 1x Lens System: 26mm fl.12 Field of View Angle: 40° Field of View: 2184' at 1000 yards Range of Focus: 10" to Infinity Detection Range: 820' Recognition Range: 656' Diopter Adjustment: +2 to -6 Waterproof: Up to 3' for 30 minutes IR Illuminator: Yes Batteries: 2x AA Battery Life: 40 hours	11		
L1.14	Binoculars Lens diameter 42 mm Magnification 10x Eye relief 14 mm	18		



Column 1	Column 2		Column 3	Column 4
ID No.	Specifications	Qty	Specifications Offered	Notes, remarks, ref to documentation
	Exit pupil 4,2 mm Minimum focus distance 2 m Twilight factor 20,5 Light intensity 17,6 Field of view at 1000 metres 101 m Lens coating Fully Multi Coated (FMC) Glass material BaK-4			
L1.15	Pocket knives/multi tool Trailmaster swiss army knife	94		
L1.16	Box cutters Retractable trimming knife	33		
L1.17	Long lens camera Sensor (effective resolution) 12.1MP MOS 1/2.3-inch, Sensitivity range ISO 100-3200/ISO 6400 (exp), Lens (35mm-equivalent) 24x f2.8 25-600mm, Closest focus 0.4-inch (1 cm), Continuous shooting 5.5fps (12fps with fixed focus), Electronic viewfinder 0.21-inch/1,312K dots, 100 percent coverage, Autofocus 23-area contrast AF, Shutter 60-1/4,000 sec, Flash, Hot shoe, LCD 3-inch free-angle 460K dots, Image stabilization Optical, Video(best quality) AVCHD 1080/60p/60i/30p, Audio Stereo, mic input, Optical zoom while recording, Battery life (CIPA rating) 540 shots.	11		
L1.18	Laptop computers With built in camera and wifi Processor: i3; 4GB RAM; 13,3" + Office	18		
L1.19	Multi-purpose night vision monocular Total Darkness IR System Yes IIT Generation 2+ Resolution 45-54 lp/mm Signal to Noise Ratio 12-20 lp/mm Figure of Merit <1100 MTTF - Mean Time Before Failure 5,000 hours	7		



Column 1	Column 2		Column 3	Column 4
ID No.	Specifications	Qty	Specifications Offered	Notes, remarks, ref to documentation
	Magnification 1x Lens System F1.2, 27 mm Proshield Lens Coating Yes FOV 40° Range of Focus 0.25 yd/m to infinity Diopter Adjustment -6 to +2 Controls Digital Automatic Brightness Control Yes Bright Light Cut-off Yes Infrared Illuminator Yes (Built-in with flood lens) IR Indicator Yes Low Battery Indicator Yes Power Supply 1 x 1.5 V AA type battery Battery Life 25-30 hours Environmental Rating Water resistant			
L1.20	camera Video resolution 1080p, 720p, 720 SuperView, MicroUSB, Micro SD, 64 GB	11		
L1.21	mounting accessories (chest strap) Chesty (chest Harness)	11		
L1.22	suction mount (vehicle mounting) Suction Cup	11		
L1.23	head strap mount Head Strap + QuickClip	11		

2: CLOTHES

Column 1	Column 2		Column 3	Column 4
ID No.	Specifications	Qty	Specifications Offered	Notes, remarks, ref to documentation
L2.01	Safety Hard hats Adjustable head harness, High density polyethylene shell, Lightweight.	174		
L2.02	Overalls, cotton light weight Lightweight with hi viz taping, Two slanted chest pockets with nylon zips on front, two back pockets, Tool pocket, rule pocket and hammer loop, Action back, Knee Pad Pouches, 100% Cotton, Colour: Navy Blue.	174		
L2.03	Safety Boots (steel toe cap, non-slip) General work boot-style trainers with metal toecap and mid-sole essential for site work. Suede leather uppers. Anti-static with heel absorption. Colour: Black.	150		
L2.04	Work gloves Wing thumb, Reinforced double leather palm, Leather knuckle strap, ToughGrip double stitching, Reinforced fingertips, Rubberized safety cuff.	174		
L2.05	Goggles Ventilated goggles. With lenses made from tough polycarbonate, medium energy, high speed impacts of up to 120m/s (270mph). The lenses are clear and UV resistant.	174		
L2.06	Disposable Dust masks No need for nose clips Loop Strap for easy application	18 boxes (20 units per box)		
L2.07	Disposable ear plugs Recyclable material.	11 boxes (500 pairs per box)		
L2.08	Barrier Cream 150 ml.	47		