

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

1. PURPOSE OF THE CONTRACT

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.

It is registered in the Registry of Foundations, has legal personality and full capacity to perform all acts considered necessary for the fulfilment of its objectives in accordance with current legislation.

The SEACOP project (Seaport Cooperation Project) is an Instrument for stability and peace, funded by the EU and integrated into the Cocaine Route Programme. It was awarded by the European Commission to FIIAPP in December 2014, and is being executed under an Indirect Management Delegation Agreement (IMDA).

The geographic scope of the project includes countries in Latin America and the Caribbean, such as Dominica, the British Virgin Islands, Trinidad and Tobago, Argentina, Peru and Ecuador.

The overall objective of this action is to support the fight against illicit maritime trafficking and associated criminal networks in the target countries and regions. The objective is to alleviate the negative impact of illicit drug trafficking on public health, governance and the social economy of beneficiary countries.

One of the specific objectives of the SEACOP project is to strengthen the capacities of the selected countries to combat illegal maritime trafficking, by providing specialised training and equipment to the Joint Maritime Control Units (JMCU) and the Maritime Intelligence Teams (MIU). The equipment that is the subject of this tender has been described as necessary to strengthen the capacities of the countries. It will be donated to the beneficiary countries, where the police authorities will use it when searching boats and cargoes, as well as for other activities.

FIIAPP FSP wishes to award a contract for the supply of clothing and search equipment such as monoculars, laptops, binoculars, levers, gas monitors, safety helmets, overalls, boots, gloves, safety glasses, etc. They will use them to generate capacities in the aforementioned countries, in order to combat illegal maritime trafficking and the criminal networks associated with it.

2. DESCRIPTION OF THE SERVICES TO BE PROVIDED

The services to be provided will be the supply of:

A. DOMINICA

Qty	ITEM	Specifications
1	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
1	50 metre Extension power cable	Open drum 30 m cable reel.
2	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). Max. diameter 6 mm.
2	Articulating camera cable	6.0 mm / 0.24 in diameter waterproof camera head, picture and video recording capabilities, bright LED lights, and a 1 m / 3.28 ft long semi-flexible / semi-rigid cable. 2-way articulating camera head bends 90° in each direction for 180° viewing.

2	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>
1	Laser Distance measure device and Bolt Cutters	330 ft Laser distance mesurer bundle
1	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>
10	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>
1	Assorted tool set	<p>Contained in Tool Cabinet 4 Drawer Chest No. of Pieces 242 Contents Chest and Tools Package</p>
4	pliers - long nosed and standard with insulated handles	8" Ergomulti Long Nose Pliers with Wire Stripper & Wire Crimper Features

2	Extendable search mirror (small mirror head)	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
2	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
2	Portable Tool Chest	Extra-large tool box with removable tray. Giant bin 0.5 gallon. Load capacity 88lbs, heavy-duty.
1	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
2	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
10	Pocket knives/multi tool	Trailmaster swiss army knife
3	Box cutters	Retractable trimming knife

1	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.
2	Laptop computers	With built in camera and wifi Processor: i3; 4GB RAM; 13,3" + Office
1	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
1	Camera	Video resolution 1080p, 720p, 720 SuperView, MicroUSB, Micro SD, 64 GB
1	Mounting accessories (chest strap)	Chesty (chest Harness)
1	Suction mount (vehicle mounting)	Suction Cup
1	Head strap mount	Head Strap + QuickClip
18	Safety Hard hats	Adjustable head harness, High density polyethylene shell, Lightweight.

18	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.
18	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.
18	Work gloves	Wing thumb, Reinforced double leather palm, Leather knuckle strap, ToughGrip double stitching, Reinforced fingertips, Rubberized safety cuff.
15	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.
1 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
1 boxes (500 pairs per box)	Disposable ear plugs	Recyclable material.
4	Barrier Cream	150 ml.
4	I7 Processor	8 GB Memory 500 GB Hard Disk DVI VGA Graphics Card Standard Desktop Form Factor Standard Windows Keyboard and Mouse USB Microsoft Windows 10 Operating System
4	LCD Monitor	24" LCD Monitor Display Resolution: 1920 X 1080 Pixels Display - LED or LCD Signal Inputs: VGA / DVI / HDMI
4	Laser Printers	Print Speed - Up to 26 ppm (letter) Duplex Up - Up to 16 ipm (letter) Print Resolution - Up to 2400 x 600 dpi Connectivity - USB 2.0 10/100/1000 Base-T Ethernet (Network)

B. BRITISH VIRGIN ISLANDS

Qty	ITEM	Specifications
1	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
1	50 metre Extension power cable	Open drum 30 m cable reel.
1	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). Max. diameter 6 mm.
1	Articulating camera cable	6.0 mm / 0.24 in diameter waterproof camera head, picture and video recording capabilities, bright LED lights, and a 1 m / 3.28 ft long semi-flexible / semi-rigid cable. 2-way articulating camera head bends 90° in each direction for 180° viewing.

1	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
1	Laser Distance measure device and Bolt Cutters	330 ft Laser distance mesurer bundle
1	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
6	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
1	Assorted tool set	Contained in Tool Cabinet 4 Drawer Chest No. of Pieces 242 Contents Chest and Tools Package
4	pliers - long nosed and standard with insulated handles	8" Ergomulti Long Nose Pliers with Wire Stripper & Wire Crimper Features

2	Extendable search mirror (small mirror head)	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
2	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
2	Portable Tool Chest	Extra-large tool box with removable tray. Giant bin 0.5 gallon. Load capacity 88lbs, heavy-duty.
1	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
6	Pocket knives/multi tool	Trailmaster swiss army knife
3	Box cutters	Retractable trimming knife
1	Laptop computers	With built in camera and wifi Processor: i3; 4GB RAM; 13,3" + Office

1	Multi-purpose night vision monocular	<p>Total Darkness IR System Yes</p> <p>IIT Generation 2+</p> <p>Resolution 45-54 lp/mm</p> <p>Signal to Noise Ratio 12-20 lp/mm</p> <p>Figure of Merit <1100</p> <p>MTTF - Mean Time Before Failure 5,000 hours</p> <p>Magnification 1x</p> <p>Lens System F1.2, 27 mm</p> <p>Proshield Lens Coating Yes</p> <p>FOV 40°</p> <p>Range of Focus 0.25 yd/m to infinity</p> <p>Diopter Adjustment -6 to +2</p> <p>Controls Digital</p> <p>Automatic Brightness Control Yes</p> <p>Bright Light Cut-off Yes</p> <p>Infrared Illuminator Yes (Built-in with flood lens)</p> <p>IR Indicator Yes</p> <p>Low Battery Indicator Yes</p> <p>Power Supply 1 x 1.5 V AA type battery</p> <p>Battery Life 25-30 hours</p> <p>Environmental Rating Water resistant</p>
1	Camera	Video resolution 1080p, 720p, 720 SuperView, MicroUSB, Micro SD, 64 GB
1	Mounting accessories (chest strap)	Chesty (chest Harness)
1	Suction mount (vehicle mounting)	Suction Cup
1	Head strap mount	Head Strap + QuickClip
12	Safety Hard hats	Adjustable head harness, High density polyethylene shell, Lightweight.
12	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.
6	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.
12	Work gloves	Wing thumb, Reinforced double leather palm, Leather knuckle strap, ToughGrip double stitching, Reinforced fingertips, Rubberized safety cuff.

12	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.
1 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
1 boxes (500 pairs per box)	Disposable ear plugs	Recyclable material.
3	Barrier Cream	150 ml.
8	I7 Processor	8 GB Memory 500 GB Hard Disk DVI VGA Graphics Card Standard Desktop Form Factor Microsoft Windows 10 Operating System Standard Windows Keyboard and Mouse USB
8	LCD Monitor	24" LCD Monitor Display Resolution: 1920 X 1080 Pixels Display - LED or LCD Signal Inputs : VGA / DVI / HDMI
4	Small Form Computers	I5 Processor 8 GB Memory 500 GB Hard Disk Graphics Card or (Integrated Graphics)
4	19" LCD Monitor	Display Resolution: 1920 X 1080 Pixels Display - LED or LCD Signal Inputs: VGA / DVI / HDMI
4	Public Kiosk Enclosure	Standing Kiosk Enclosure Supporting 19" Monitor Screen Supporting Full size Keyboard Mouse or Track pad
1	Rack Server 2U	2 Intel Xeon Processors E52403 v2 E2403 2.40 GHz10 M Cache 8 GB Memory, (DDR3) RAID Controller 4 1 Terabyte Hard Drives Gigabit Lan

		Redundant Power Supply
1	40" LCD Screen	Refresh Rate: 60 Hz Resolution 1080 P Inputs Minimum - HDMI
2	Digital Passport Scanners	Scanning Resolution: 400 DPI Technology: OCR – Optical Character Recognition
8	Laser Printers	Print Speed - Up to 26 ppm (letter) Duplex Up - Up to 16 ipm (letter) Print Resolution - Up to 2400 x 600 dpi Connectivity - USB 2.0 10/100/1000 Base-T Ethernet (Network)

C. TRINIDAD

Qty	ITEM	Specifications
18	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.

D. ARGENTINA

Qty.	ARTICLE	Specifications
1	Camera with telephoto lens	Sensor (effective resolution) 12.1MP MOS 1/2.3 inches, sensitivity range ISO 100-3200/ISO 6400 (exp), lens (35 mm equivalent) 24x f2.8 25-600 mm, close focus 0.4 inch (1 cm), firing burst 5.5 fps (12 fps with fixed focus), electronic viewfinder 0.21 inches/1.312 K points, 100% coverage; AF contrast autofocus in 23 areas, shutter 60-1/4000 s; with flash and with accessory shoe; LCD 3 inches free angle 460 K points; optical image stabilisation; video (highest quality) AVCHD 1080/60p/60i/30p, stereo audio, microphone jack, with optical zoom during recording; without wireless connectivity; battery life (CIPA rating) 540 shots.

1	Binoculars 20 x 80	Magnification 20x, lens diameter 80mm; prism material: BAK 4; lens coating: FMC, total multiple coating; exit pupil: 4 mm; light intensity: 16; field of view: 56 m to 1000 m; ocular distance: 17 mm
2	Multi-purpose night vision monocular	Night vision monocular, 5x magnification, 60mm lens diameter, weight 660 g, dimensions: 23.4 x 11.8 x 9.2 cm, CR123A battery included, range up to 250 and 300 m, resolution 40 lines/mm, IR lighting system in total darkness, adaptable to tripod IIT 1+ generation
1	Laptop and briefcase	With built-in camera and wifi Processor: i5; 8 GB RAM; 13.3" + Office Total protection case
1	Submersible action camera, Go-pro-type (GoPro model, Nilox or similar)	Submersible action camera with case. Video resolution 1080p, 720p, 720 SuperView, MicroUSB, Micro SD, 64GB Connection cables for personal computer/laptop Batteries.
1	Mounting accessories for body/chest	Harness/chest straps for the previous submersible action camera
1	Vehicle mounting	Suction cups adjusted to vehicle for the previous camera
1	Strap for head mounting	Headband + QuickClip for the previous camera
1	Rechargeable portable drill, with set of drills for wood, steel and stone	Voltage: 18 V Chuck capacity: 1.5 - 13 mm Output power: 350 W Unloaded speed: 0-600/2000 rpm Maximum torque: 60 Nm Max. drill capacity [wood]: 38 mm Max. drill capacity [metal]: 13 mm Battery capacity: 4.0 Ahr Multi voltage charger 2 sliding batteries High strength case
1	30 m extension cable	Open spool for 30 m cable

2	Fibre-optic inspection cameras	CA100 inspection camera. A manual micro-camera for fibrescope inspection that allows detailed visual inspection of areas with difficult access. Specifications: Ergonomic pistol design and forward controls. Reduced weight and high visibility LDC screen (3.5") 360° image rotation, 4 LED lights and excellent image quality. Video output that supports PAL and NTSC. Hard plastic case. 1 x 90 cm RCA cable for video output. Weight not exceeding 4 kg. Cable length: from 0.9 to 30 m, submersible up to 3 m (spear); accessories: hook, magnet and mirrors; screen: 3.5", colour LCD (resolution 320 x 240 or higher). Maximum diameter 6 mm.
2	Articulating camera cable	6.0mm/0.24in diameter waterproof camera head, picture and video recording capabilities, bright LED lights, and at 1m/3.28ft long semi-flexible/semi-rigid cable. 2-way articulating camera head bends 90° in each direction for 180° viewing.
2	Gas monitors	On/off Simple gas monitors for H ₂ S, O ₂ , CO, SO ₂ Simple operation with a single button Real-time value indication Normal data record Fully programmable alarm menu and lock/unlock settings Alarms: sound, visual, vibration, time weighted average (TWA), short term exposure limit (STEL), low battery and exhausted battery Heavy-duty stainless steel contact clamp. 2-year warranty (depending on use) Backlit LCD screen IP67: dustproof and submersible up to 1m/3 feet Shipping in recyclable packaging
2	Laser distance meter and bolt cutters	Laser distance-measuring equipment to 330 feet

1	Mini-angle grinder with four discs	Voltage: 18 V Battery capacity: Li-Ion 4.0 Ahr Maximum disc diameter: 125 mm Output power: 405 W Unloaded speed: 7000 rpm Threaded spindle: M14 2 position side handle Keyless protection Wrench for the blade Multi voltage charger 2 sliding batteries High strength case
12	Submersible intrinsically safe torches for use in hazardous environments (with batteries)	Batteries: 3 x C cell Light bulb: xenon Lighting time: 5 h Power: 3.3 W Lumen: 33
1	Tool set	Contained in a 4-drawer tool chest Number of pieces: 242 Includes tool chest and tool set
3	Pliers: normal and long nose, with insulated handle	8" Ergomulti pliers, long nose, with cable cutter and crimper
3	Extendable inspection mirror (small head)	Inspection mirror with rotating wheels Convex design mirror for increased viewing area Telescopic arm with padded handle and adjustments from 37" to 51"
2	Lever	Set of 5 pieces With nail bars, multi-tool bar and alignment bar To remove nails, break up, dismantle, lift, align bolt holes and connect tools
2	Portable tool box	Extra-large toolbox with removable tray. 0.5 gallon giant jerrycan 88-pound load capacity, high strength
12	Pocket knives/multipurpose	Swiss army knife Trailmaster
12	Utility knives	Retractable cutting blade
18	Safety helmets	Adjustable head harness, high density polyethylene helmet, lightweight.
18	Overalls, light cotton	Lightweight, with high visibility bands, 2

		slanted front pockets with nylon front zipper, 2 back pockets, tool pocket, meter pocket and hammer buckle, dynamic back, knee pockets, 100% cotton, colour: navy blue.
18	Safety boots (steel toecap, non-slip)	General work boots with metal toecap and essential insole for site work. Plush leather upper. Antistatic with heel cushioning. Colour: black.
18	Work gloves	Thumb wing, leather palm with double reinforcement, leather knuckles, double ToughGrip basting, reinforced finger tips, rubberised safety sleeves.
15	Uvex safety glasses	Ventilated safety glasses. Hard polycarbonate lenses, medium energy, resistant to high speed impacts up to 120 m/s (270 mph). Diaphanous lenses and UV protection.
2 boxes (20 units per box)	Disposable masks	Nose clips not necessary Elastic tape for easy placement DuraMesh® for resistance to deformation and maximum durability ActivForm® sealing that automatically adjusts to different face shapes Ventex® valve to reduce humidity and heat 100% PVC-free, no dust and toxic fibres FFP1
2 boxes (500 pairs per box)	Disposable ear plugs	Recyclable material.
3	Protective cream (for hands that come in contact with oil, petroleum and similar substances).	150

E. PERU

Qty.	ARTICLE	Specifications
------	---------	----------------

1	Camera with telephoto lens	Sensor (effective resolution) 12.1MP MOS 1/2.3 inches, sensitivity range ISO 100-3200/ISO 6400 (exp), lens (35 mm equivalent) 24x f2.8 25-600 mm, close focus 0.4 inch (1 cm), firing burst 5.5 fps (12 fps with fixed focus), electronic viewfinder 0.21 inches/1.312 K points, 100% coverage; AF contrast autofocus in 23 areas, shutter 60-1/4000 s; with flash and with accessory shoe; LCD 3 inches free angle 460 K points; optical image stabilisation; video (highest quality) AVCHD 1080/60p/60i/30p, stereo audio, microphone jack, with optical zoom during recording; without wireless connectivity; battery life (CIPA rating) 540 shots.
1	Binoculars 20 x 80	Magnification 20x, lens diameter 80mm; prism material: BAK 4; lens coating: FMC, total multiple coating; exit pupil: 4 mm; light intensity: 16; field of view: 56 m to 1000 m; ocular distance: 17 mm
2	Multi-purpose night vision monocular	Night vision monocular, 5x magnification, 60mm lens diameter, weight 660 g, dimensions: 23.4 x 11.8 x 9.2 cm, CR123A battery included, range up to 250 and 300 m, resolution 40 lines/mm, IR lighting system in total darkness, adaptable to tripod IIT 1+ generation
1	Laptop and briefcase	With built-in camera and wifi Processor: i5; 8 GB RAM; 13.3" + Office Total protection case
1	Submersible action camera, Go-pro-type (GoPro model, Nilox or similar)	Submersible action camera with case. Video resolution 1080p, 720p, 720 SuperView, MicroUSB, Micro SD, 64GB Connection cables for personal computer/laptop Batteries.
1	Mounting accessories for body/chest	Harness/chest straps for the previous submersible action camera
1	Vehicle mounting	Suction cups to vehicle for the previous camera

1	Strap for head mounting	Headband + QuickClip for the previous camera
1	Rechargeable portable drill, with set of drills for wood, steel and stone	Voltage: 18 V Chuck capacity: 1.5 - 13 mm Output power: 350 W Unloaded speed: 0-600/2000 rpm Maximum torque: 60 Nm Max. drill capacity [wood]: 38 mm Max. drill capacity [metal]: 13 mm Battery capacity: 4.0 Ahr Multi voltage charger 2 sliding batteries High strength case
1	30 m extension cable	Open spool for 30 m cable
2	Fibre-optic inspection cameras	CA100 inspection camera. A manual micro-camera for fibrescope inspection that allows detailed visual inspection of areas with difficult access. Specifications: Ergonomic pistol design and forward controls. Reduced weight and high visibility LDC screen (3.5") 360° image rotation, 4 LED lights and excellent image quality. Video output that supports PAL and NTSC. Hard plastic case. 1 x 90 cm RCA cable for video output. Weight not exceeding 4 kg. Cable length: from 0.9 to 30 m, submersible up to 3 m (spear); accessories: hook, magnet and mirrors; screen: 3.5", colour LCD (resolution 320 x 240 or higher). Maximum diameter 6 mm.
2	Articulating camera cable	6.0mm/0.24in diameter waterproof camera head, picture and video recording capabilities, bright LED lights, and at 1m/3.28ft long semi-flexible/semi-rigid cable. 2-way articulating camera head bends 90° in each direction for 180° viewing.

2	Gas monitors	<p>On/off</p> <p>Simple gas monitors for H₂S, O₂, CO, SO₂</p> <p>Simple operation with a single button</p> <p>Real-time value indication</p> <p>Normal data record</p> <p>Fully programmable alarm menu and lock/unlock settings</p> <p>Alarms: sound, visual, vibration, time weighted average (TWA), short term exposure limit (STEL), low battery and exhausted battery</p> <p>Heavy-duty stainless steel contact clamp.</p> <p>2-year warranty (depending on use)</p> <p>Backlit LCD screen</p> <p>IP67: dustproof and submersible up to 1m/3 feet</p> <p>Shipping in recyclable packaging.</p>
2	Laser distance meter and bolt cutters	Laser distance-measuring equipment to 330 feet
1	Mini-angle grinder with four discs	<p>Voltage: 18 V</p> <p>Battery capacity: Li-Ion 4.0 Ahr</p> <p>Maximum disc diameter: 125 mm</p> <p>Output power: 405 W</p> <p>Unloaded speed: 7000 rpm</p> <p>Threaded spindle: M14</p> <p>2 position side handle</p> <p>Keyless protection</p> <p>Wrench for the blade</p> <p>Multi voltage charger</p> <p>2 sliding batteries</p> <p>High strength case</p>
12	Submersible intrinsically safe torches for use in hazardous environments (with batteries)	<p>Batteries: 3 x C cell</p> <p>Light bulb: xenon</p> <p>Lighting time: 5 h</p> <p>Power: 3.3 W</p> <p>Lumen: 33</p>
1	Tool set	<p>Contained in a 4-drawer tool chest</p> <p>Number of pieces: 242</p> <p>Includes tool chest and tool set</p>
3	Pliers: normal and long nose, with insulated handle	8" Ergomulti pliers, long nose, with cable cutter and crimper

3	Extendable inspection mirror (small head)	Inspection mirror with rotating wheels Convex design mirror for increased viewing area Telescopic arm with padded handle and adjustments from 37" to 51"
2	Lever	Set of 5 pieces With nail bars, multi-tool bar and alignment bar To remove nails, break up, dismantle, lift, align bolt holes and connect tools
2	Portable tool box	Extra-large toolbox with removable tray. 0.5 gallon giant jerrycan 88-pound load capacity, high strength
12	Pocket knives/multipurpose	Swiss army knife Trailmaster
12	Utility knives	Retractable cutting blade
18	Safety helmets	Adjustable head harness, high density polyethylene helmet, lightweight.
18	Overalls, light cotton	Lightweight, with high visibility bands, 2 slanted front pockets with nylon front zipper, 2 back pockets, tool pocket, meter pocket and hammer buckle, dynamic back, knee pockets, 100% cotton, colour: navy blue.
18	Safety boots (steel toecap, non-slip)	General work boots with metal toecap and essential insole for site work. Plush leather upper. Antistatic with heel cushioning. Colour: black.
18	Work gloves	Thumb wing, leather palm with double reinforcement, leather knuckles, double ToughGrip basting, reinforced finger tips, rubberised safety sleeves.
15	Uvex safety glasses	Ventilated safety glasses. Hard polycarbonate lenses, medium energy, resistant to high speed impacts up to 120 m/s (270 mph). Diaphanous lenses and UV protection.
2 boxes (20 units per box)	Disposable masks	Nose clips not necessary Elastic tape for easy placement DuraMesh® for resistance to deformation and maximum durability ActivForm® sealing that automatically adjusts to different face shapes Ventex® valve to reduce humidity and heat 100% PVC-free, no dust and toxic fibres FFP1

2 boxes (500 pairs per box)	Disposable ear plugs	Recyclable material.
3	Protective cream (for hands that come in contact with oil, petroleum and similar substances).	150

F. ECUADOR

Qty.	ARTICLE	Specifications
1	Camera with telephoto lens	Sensor (effective resolution) 12.1MP MOS 1/2.3 inches, sensitivity range ISO 100-3200/ISO 6400 (exp), lens (35 mm equivalent) 24x f2.8 25-600 mm, close focus 0.4 inch (1 cm), firing burst 5.5 fps (12 fps with fixed focus), electronic viewfinder 0.21 inches/1.312 K points, 100% coverage; AF contrast autofocus in 23 areas, shutter 60-1/4000 s; with flash and with accessory shoe; LCD 3 inches free angle 460 K points; optical image stabilisation; video (highest quality) AVCHD 1080/60p/60i/30p, stereo audio, microphone jack, with optical zoom during recording; without wireless connectivity; battery life (CIPA rating) 540 shots.
1	Binoculars 20 x 80	Magnification 20x, lens diameter 80mm; prism material: BAK 4; lens coating: FMC, total multiple coating; exit pupil: 4 mm; light intensity: 16; field of view: 56 m to 1000 m; ocular distance: 17 mm
2	Multi-purpose night vision monocular	Night vision monocular, 5x magnification, 60mm lens diameter, weight 660 g, dimensions: 23.4 x 11.8 x 9.2 cm, CR123A battery included, range up to 250 and 300 m, resolution 40 lines/mm, IR lighting system in total darkness, adaptable to tripod IIT 1+ generation
1	Laptop	With built-in camera and wifi

	and briefcase	Processor: i5; 8 GB RAM; 13.3" + Office Total protection case
1	Submersible action camera, Go-pro-type (GoPro model, Nilox or similar)	Submersible action camera with case. Video resolution 1080p, 720p, 720 SuperView, MicroUSB, Micro SD, 64GB Connection cables for personal computer/laptop Batteries.
1	Mounting accessories for body/chest	Harness/chest straps for the previous submersible action camera
1	Vehicle mounting	Suction cups adjusted to vehicle for the previous camera
1	Strap for head mounting	Headband + QuickClip for the previous camera
1	Rechargeable portable drill, with set of drills for wood, steel and stone	Voltage: 18 V Chuck capacity: 1.5 - 13 mm Output power: 350 W Unloaded speed: 0-600/2000 rpm Maximum torque: 60 Nm Max. drill capacity [wood]: 38 mm Max. drill capacity [metal]: 13 mm Battery capacity: 4.0 Ahr Multi voltage charger 2 sliding batteries High strength case
1	30 m extension cable	Open spool for 30 m cable
2	Fibre-optic inspection cameras	CA100 inspection camera. A manual micro-camera for fibrescope inspection that allows detailed visual inspection of areas with difficult access. Specifications: Ergonomic pistol design and forward controls. Reduced weight and high visibility LDC screen (3.5") 360° image rotation, 4 LED lights and excellent image quality. Video output that supports PAL and NTSC. Hard plastic case. 1 x 90 cm RCA cable for video output. Weight not exceeding 4 kg. Cable length: from 0.9 to 30 m, submersible up to 3 m (spear); accessories: hook, magnet and mirrors; screen: 3.5", colour LCD (resolution 320 x 240 or higher). Maximum diameter 6 mm.

2	Articulating camera cable	6.0mm/0.24in diameter waterproof camera head, picture and video recording capabilities, bright LED lights, and at 1m/3.28ft long semi-flexible/semi-rigid cable. 2-way articulating camera head bends 90° in each direction for 180° viewing.
2	Gas monitors	On/off Simple gas monitors for H2S, O2, CO, SO2 Simple operation with a single button Real-time value indication Normal data record Fully programmable alarm menu and lock/unlock settings Alarms: sound, visual, vibration, time weighted average (TWA), short term exposure limit (STEL), low battery and exhausted battery Heavy-duty stainless steel contact clamp. 2-year warranty (depending on use) Backlit LCD screen IP67: dustproof and submersible up to 1m/3 feet Shipping in recyclable packaging
2	Laser distance meter and bolt cutters	Laser distance-measuring equipment to 330 feet
1	Mini-angle grinder with four discs	Voltage: 18 V Battery capacity: Li-Ion 4.0 Ahr Maximum disc diameter: 125 mm Output power: 405 W Unloaded speed: 7000 rpm Threaded spindle: M14 2 position side handle Keyless protection Wrench for the blade Multi voltage charger 2 sliding batteries High strength case
12	Submersible intrinsically safe torches for use in hazardous environments (with batteries)	Batteries: 3 x C cell Light bulb: xenon Lighting time: 5 h Power: 3.3 W Lumen: 33

1	Tool set	Contained in a 4-drawer tool chest Number of pieces: 242 Includes tool chest and tool set
3	Pliers: normal and long nose, with insulated handle	8" Ergomulti pliers, long nose, with cable cutter and crimper
3	Extendable inspection mirror (small head)	Inspection mirror with rotating wheels Convex design mirror for increased viewing area Telescopic arm with padded handle and adjustments from 37" to 51"
2	Lever	Set of 5 pieces With nail bars, multi-tool bar and alignment bar To remove nails, break up, dismantle, lift, align bolt holes and connect tools
2	Portable tool box	Extra-large toolbox with removable tray. 0.5 gallon giant jerrycan 88-pound load capacity, high strength
12	Pocket knives/multipurpose	Swiss army knife Trailmaster
12	Utility knives	Retractable cutting blade
18	Safety helmets	Adjustable head harness, high density polyethylene helmet, lightweight.
18	Overalls, light cotton	Lightweight, with high visibility bands, 2 slanted front pockets with nylon front zipper, 2 back pockets, tool pocket, meter pocket and hammer buckle, dynamic back, knee pockets, 100% cotton, colour: navy blue.
18	Safety boots (steel toecap, non-slip)	General work boots with metal toecap and essential insole for site work. Plush leather upper. Antistatic with heel cushioning. Colour: black.
18	Work gloves	Thumb wing, leather palm with double reinforcement, leather knuckles, double ToughGrip basting, reinforced finger tips, rubberised safety sleeves.
15	Uvex safety glasses	Ventilated safety glasses. Hard polycarbonate lenses, medium energy, resistant to high speed impacts up to 120 m/s (270 mph). Diaphanous lenses and UV protection.
2 boxes (20 units)	Disposable masks	Nose clips not necessary Elastic tape for easy placement

per box)		DuraMesh® for resistance to deformation and maximum durability ActivForm® sealing that automatically adjusts to different face shapes Ventex® valve to reduce humidity and heat 100% PVC-free, no dust and toxic fibres FFP1
2 boxes (500 pairs per box)	Disposable ear plugs	Recyclable material.
3	Protective cream (for hands that come in contact with oil, petroleum and similar substances).	150

Performance of the contract will comply with the conditions detailed in the Specific Administrative Conditions and the Technical Specifications, which are contractual in nature, wherefore they must be signed by the successful bidder in witness whereof, in the same act of formally executing the contract.

3. CONDITIONS TO BE COMPLIED WITH WHEN PROVIDING THE SERVICE

1. Bids:

Interested parties shall submit bids according to the conditions set forth in the administrative specifications in the proper manner and form for the contract supply services.

2. Specifications:

2.1 Equivalence of standards and codes

- Whenever the technical specifications refer to specific standards and codes that must be met by the products supplied, the most recent version will be considered.
- Clone products will not be accepted for any of the requested products. Only brands that meet all the legal requirements of the receiving country will be accepted. All products supplied must be designed and tested in accordance with the relevant standards, such as CE, ISO, DIN, ANSI, TUV, NEC or other internationally recognised equivalent regulations and standards. When appropriate, the electrical installation must comply with the electrical regulations of the Caribbean region.

2.2 Material specifications

Clothing sizes will be provided in the Contract, as well as the exact locations for delivery.

In each article, the following customer's logo will be engraved or embroidered:

Funded by



Implemented by

SEACOP
Seaport Cooperation Project



The application of the logos will adapt to the characteristics of each article.

2.3 Search equipment

- The electrical equipment must comply with the electrical regulations of the United Kingdom and must be connectable to a single phase electrical network of 220 V RMS + - 10% ... Hz + -5% with earthing, or with three phases ... V RMS AC + -10% ... Hz + -5% with earthing.
- All equipment must have an internal or integrated power supply.
- Must be in accordance with the American Standard for 3-pin Type AC plugs [NEMA 5-15 earthed (type B)], including earthing, or the equivalent standard in the UK.

- It must have an effective earth connection, unless it has double insulation.
- It must be protected with HRC fuse or circuit breaker.
- In case of risk of electric shock, differential protection must be included.
- If the equipment requires an outlet higher than the usual 16 A, the Bidder must foresee this.
- The Bidder must include all cables, switches and fuses that are considered necessary.
- The equipment must be designed in accordance with the following conditions, unless otherwise indicated.
 - Maximum room temperature: 45° Celsius
 - Maximum relative humidity: 85%
 - Dust: 0.40 g/m3
 - Maximum temperature with air conditioning 30° Celsius
 - Maximum relative humidity with air conditioning 65%
- The use of metric units will be preferred, unless the specific technical specifications require otherwise. Whenever possible, ISO metric threads will be incorporated.
- The measurements and equipment, drawings and data will be indicated in the metric system.
- The supply of tools will be subject to the following conditions:
 - a) Latest versions/models of the manufacturer's tools at the time of shipment, which at least equal the performance level of the specifications subject to tender, provided that it does not imply an increase in the price. If the technical specifications of the equipment described in the contract become obsolete or the equipment itself is no longer available due to changes in the market, the Contracting Authority reserves the right to demand an equivalent configuration under the same contractual conditions.
 - b) The computer equipment must be supplied by the same manufacturer.
 - c) The tools must comply with the ISO quality assurance standards for manufacturing.
- All ordinary computer programs must follow the following general specifications:
 - a) Proposed professional user licenses.
 - b) Latest software version at the time of shipment.
 - c) Licences for computer applications suitable for the number of users indicated in the technical specifications.

d) Software licences should allow the project sites permanent unlimited use of the software in the future.

e) Virus-free software.

If it is not locally produced, the software must be provided in export versions, licensed for use in the Caribbean region.

- Any additional material or passive components that are required to complete the installation of the equipment or to ensure the configuration, connectivity and correct functioning of the network must be provided by the successful bidder. The successful bidder must include the cost of said materials and components in the unit price of their bid.
- The successful bidder must check all the materials.

2.4. Warranty and after-sales service

- The bidder must offer a guarantee of two years for all products ordered, except consumables, from the date of receipt of the products, and must commit to carry out all necessary modifications during that period to correct any deficiency detected that may be attributable to the successful bidder.
- The bidder must repair all defects or damage at its expense. In case of defects or damage that cannot be repaired within the required period, the bidder will supply substitute equipment during the time required for the repair. In case the defects or damage cannot be repaired, the bidder will replace the equipment within the replacement period.
- The response time for the warranty and after-sales service of the equipment is as follows:

Group	Materials	Response time	Deadline for solution	Repair/replacement deadline
1	Search equipment	72 hours	15 calendar days	3 months

- Subsequently, the successful bidder will provide a reliable after-sales service backed by a warranty, which ensures on-site maintenance, technical support and the rapid supply of spare parts and consumables for a year after the award. Technical bids shall include a description of how the service will be provided by a company approved by the manufacturer, indicating the name of the company, its address, telephone and fax and email, together with proof that the corresponding agreement exists.
- The after-sales service must be available, if required by the Contracting Authority, for an additional period of three years as an extended warranty, which will be the subject of a specific contract.
- Original spare parts and consumables must be available for a period not less than that covered by the extended warranty.

- The Successful Bidder must submit to the Contracting Authority the warranty certificates for each article, stating the start date of the warranty as the date of receipt.

4. DELIVERY AND INVOICING

The deadline for delivery of the products subject to this tender will be a maximum of thirty (30) days from the date of formalisation of the contract.

The identification on the packaging for the products will depend on the receiving entity. In each of the packages, the following information regarding said identification must be included:

- Entity name
- Contact person
- Delivery address
- Contents

The delivery data will be provided to the successful bidder at the signing of the contract.

Partial deliveries will be accepted. All products must be delivered within the aforementioned period, at the established place.