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City of Jacksonville, Florida
Procurement Award Form (PAF)

Part 1: Form Type JPAC Award Request and Administrative Details

Goods and/or Services: ITB-16017-24 Coda Octopus Upgrade with Echoscope Pipe System - Re-Bid

Requested Action/Authority:

Recommend approval of award for ITB-16017-24 CODA Octopus Upgrade with Echoscope Pipe System – Re-Bid to the sole bidder, Coda Octopus Products, Inc. The total not to exceed amount of the award is $336,000.00. This is a one-time purchase to be made via a purchase order.

Justification/Explanation:

Grant Purchase

Legal Contract #:	N/A	Contract Date:		Change Order/AMD #:	N/A	
PO/Release #:	N/A	Bid Date:	09/24/2024	Awarded Supplier:	CODA Octopus Products, Inc.	
Licenses Verified:	N/A	Effective Date:	10/31/2024	Basis of Award:	N/A	
Federally Funded:	Yes	No. Invited:	100	Responses Received:	1	Attachments:
Solicitation:	ITB - 16017 - 24			Procurement Contract #:	PO - N/A	
Executed By:	Procurement					

PoP:Base:	N/A	Options:	One Time Purchase	Extension(s):	N/A
JSEB Rec.:	Encouragement	%:	0	Bonds Waived Pursuant To:	N/A

Fund:	11407	Center:	551102	Acct:	564290	Proj:	010829	Activity:	00000000	$	333,100.00
Fund:	00111	Center:	521101	Acct:	552150	Proj:	000000	Activity:	00000000	$	2,900.00
Fund:		Center:		Acct:		Proj:		Activity:		$	

New NTE/GMP:	$ 336,000.00	Contingent Amount:	$ 0.00	DMP/ODPO Amount:	$ 0.00

Using Agency/BU:	SHPS:POLICE_SERVICES			
Concurrence:	Signed by: Clement, Bill 3F803720B14E49E...	Title:	JSO - CHIEF OF BUDGET AND MANAGEMENT	10/23/2024
Concurrence:		Title:		
Concurrence:		Title:		
Concurrence:		Title:		

Procurement Analyst/Buyer:	Signed by: Wallace Cohen, Olive A7A7DE8878BC4DD...	Chief of Procurement:	DocuSigned by: B19F1D517352456... 10/28/2024
Name:	Wallace Cohen, Olive	Name:	Dustin L. Freeman

Part 2: JPAC Actions on Above Requests/Recommendations
All Award Actions Subject to Lawfully Appropriated Funds

Members Who Approve:	
Members Who Disapprove:	
Other Action:	

Date:

Part 3: Final Awarding Authority Action

Action:

Date:

Signature:

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PAF Instructions

Form Type: Select the type of award from the dropdown options. This form will be used for all Procurement awards (Administrative Awards and JPAC Requests).

Goods and/or Services: Enter a brief description of the types of goods and services included in the request.

Requested Action/Authority: Enter a brief description of the requested action or authority being sought. i.e.; *request permission to award to the lowest, responsive responsible bidder for ITB or award the highest ranked supplier for an RFP*.

Justification/Explanation: Enter a brief justification or explanation for the requested action. Use this box to add any additional information such as additional account strings, or other information essential for contract execution.

Legal Contract Number: Provide the existing City contract number if applicable. This will be the same number as your POA number.

Contract Date: Select the effective date for the contract using the calendar option in the form. Leave blank for contracts to become effective on the execution date.

Change Order/AMD #: Provide the applicable Change Order or Amendment number represented by this request.

Date: Enter the date of PAF submission.

Effective Date: Enter the effective date of requested authority and/or action.

Solicitation: Select the competitive procurement method used (1Cloud generated prefix), enter the 1Cloud generated numbering sequence, and 1Cloud generated fiscal year of solicitation

Basis of Award: Select from Lowest Price Technical Acceptable (LPTA), Highest Price Technical Acceptable (HPTA),

Procurement Contract #: This is your PO number. Select Type, Enter Number

PO/Release Number: Enter PO Release Number

Awarded Supplier: Enter Awarded Supplier Name

Federally Funded: Select yes or no from dropdown if Federal Funds will be used.

Responses Received: This is the number of responses received.

No Bids Received: The number of responses received that indicated supplier would not bid.

Executed By: Select whether executed by OGC or JPAC / Chief of Procurement

PoP Base: Select the Period of Performance for the initial period.

Options: Period for each renewal period i.e. one (1) two (2) year.

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Extensions: How many extensions have we preformed after the initial base period and option periods have been completed?

JSEB Goal: Select the percentage established by JSEB.

JESB Other: Select Encouragement or Set Aside Option

Bonds Waived Pursuant to: Select authority allowing bonds to be waived.

Funding Source: Fund/Center/Account/Project/Activity, all fields are required even if zeros.

New NTE/GMP: Enter the new total not to exceed the amount. Note, this should match the contract maximum indebtedness, if applicable**.**

Contingent Amount: If your agency requests an allowance for unforeseen additional expenses, then specify the amount of your requested increase and new NTE that represents the contingency allowance. This is over and above any quote.

DMP/ODPO Amount: Enter the total Direct Materials Purchase/Owner Direct Purchase Order amount for project.

Attachments: Name any attachments included as supplemental information to the PAF.

Using Agency/BU: This should be the requesting agency/requirement owner.

Concurrence: Electronic Signature

Title: Enter the title of person electronically signing form.

**Any fields where there is no data available, or no entry is required, either leave it blank or enter N/A. Any fields where there is known data, include for informational purposes. Any changes to an original award should contain the data that is being changed and any other relevant data required for JPAC review and approval.*

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To: Dustin Freeman
Chief of Procurement

Thru: Bill Clement, CPA
Chief of Budget

From: Mark Romano
Director of Investigations & Homeland Security

Subject: ITB-16017-24 CODA Octopus Upgrade with Echoscope Pipe System – Re-Bid

Date: October 15, 2024

We received one (1) bid submission for ITB-16017-24 CODA Octopus Upgrade with Echoscope Pipe System – Re-Bid We are recommending to award Coda Octopus Products, Inc. The total not to exceed amount of the award is $336,000.00, split $333,100 from account code 11407.551102.564290.010829.00000000.00000 and $2,900.00 from account code 00111.521101.552150.000000.00000000.00000. This is a one-time purchase to be made via a purchase order.

Please let me know if you need any additional information.

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Award Solicitation: CODA OCTOPUS UPGRADE WITH ECHOSCOPE PIPE SYSTEM – RE-BID

Solicitation: ITB 16917-24 Procurement BU: COJ BU Close Date: 10/14/2024 16:00 Solicitation Currency: USD	Responses Received: 1 Active Responses: 1 Shortlisted Responses: 1	Invited Suppliers: 166 Will Participate: 1 Responded: 1

Overview

		Coda Octopus Products Inc Response: 455853
Business Relationship		Spend Authorized
Supplier Site		Orlando#1
Supplier Contact		Jardine, Gayle
Response Status		Active
Shortlist Status		Included
Response Amount		336 000.00
Total Award Amount		
Time of Response		9/24/2024 9:44
Response Valid Until		
Reference Number		
Note to Buyer		
Attachments		No

Requirements

Requirement	Target Value	Coda Octopus Products Inc Response: 455853
1. Affirmation		
1 Type name and title of person submitting bid in the comments box.		▲ Acknowledge
Comments		Niels Sondergaard, Sales Director
2 Type name of company in the comments box.		▲ Acknowledge
Comments		Coda Octopus Products, Inc.
3 No Alterations: Bidder has not altered the original Solicitation Document in any way and further understands that any such alteration of the original solicitation document may result in rejection of the bid.		▲ Acknowledge
4 Solicitation Silence: The Solicitation Silence policy is in effect for this solicitation and all communications related to this solicitation must be in writing to the designated procurement representative. Violations of the solicitation silence policy may result in the rejection/disqualification of the submission.		▲ Acknowledge
5 Legal authorization and solicitation specific minimum requirements: All bidders must be legally authorized to do business in Duval County and shall comply with all minimum requirements for this bid. Failure to submit evidence for meeting any of these requirements may be grounds for rejection. Vendor shall provide proof of applicable local business licenses and particulars such as specific licensure, experience on similar projects, years of expertise in the area etc.		▲ Acknowledge
Comments		The Company is registered under the laws of the State of Delaware and authorised to conduct business in the State of Florida and is as such entitled to sell its products and services throughout the territory of the United States of America.
6 Certification of No Conflict of Interest: Supplier certifies that no official or employee of the City or independent agency requiring the goods or services described in the specifications has a material financial interest in the Supplier's company. Supplier must complete and submit the attached Conflict of Interest Statement fully detailing any potential conflicts.		▲ Contractor certifies that no official or employee of the City or independent agency requiring the goods or services described in the specifications has a material financial interest in the Contractor's company.
Attachments		Yes
7 Equal Business Opportunity Program: Pursuant to Part 4 of Chapter 126, Jacksonville Ordinance Code, the City of Jacksonville encourages the utilization and participation of Jacksonville Small and Emerging Businesses (JSEBs) in its contract awards based upon availability. It is the City's intent in adopting this program to reflect the philosophy with regards to enhancing participation of JSEBs in all areas of procurement.		▲ Acknowledge
8 Electronic Signature: I understand this acknowledgment serves as my electronic signature and has the same force and effect as my manual signature.		▲ Acknowledge
2. General Requirements		
1 Scope of Services: The Procurement of the City of Jacksonville, Florida is currently accepting bids to obtain source(s) of supply for the item(s) or service(s) as outlined in the bid documents provided. See the attachment(s) for additional information. The Jacksonville Sheriff's Office (JSO) is seeking an authorized and qualified vendor to perform a Coda Octopus Underwater Inspection System (UIS) and Echoscope PIPE System upgrade to the agency's current Coda Octopus system. This System will be an upgrade to the Jacksonville Sheriff's Office Dive Team UIS that was purchased over 12 years ago under a Port Security Grant Program. After a review of the equipment at the JSO facility it was determined that many of the components from the original UIS System are now obsolete and/or non-functional and will require to be replaced. One of the primary components, the P190 Inertial Navigation System was returned in 2017 for factory calibration and this component, other than servicing will be usable in the UIS platform until 24th September 2027, which is when the GPS Cards inside the P190 will no longer operate. This proposal therefore identifies the components that are required to be replaced as part of the UIS Re-Fit and Upgrade. This work should only be conducted by certified Coda Octopus UIS and Echoscope PIPE system technicians with certified Coda Octopus parts.		▲ Acknowledge
2 Specifications: Provide all items or services as identified on each line or identified below in accordance with all other Terms and Conditions specified herein. See the attachment(s) for additional information.		▲ Acknowledge
Attachments		Yes
3 Bidders should submit or comply with the following requirements. Failure to submit any of these requirements may be grounds for rejection: a. Supplier shall provide proof of applicable local business license if located within Duval County.		▲ Acknowledge
4 Even though a particular manufacturer's name or brand is specified, bids will be considered on other brands or on the products of other manufacturers unless notified otherwise. On all such bids, Bidder must clearly indicate the product (brand and model number) on which it is bidding and will supply sufficient data in detail to enable an intelligent comparison to be made with the particular brand or manufacture specified. Are you bidding any alternates to the lines listed on this solicitation? If yes, indicate which line and attach data as requested.		▲ No
5 Federal Funding: Complete and return all federal funding attachments.		▲ Acknowledge
Attachments		Yes

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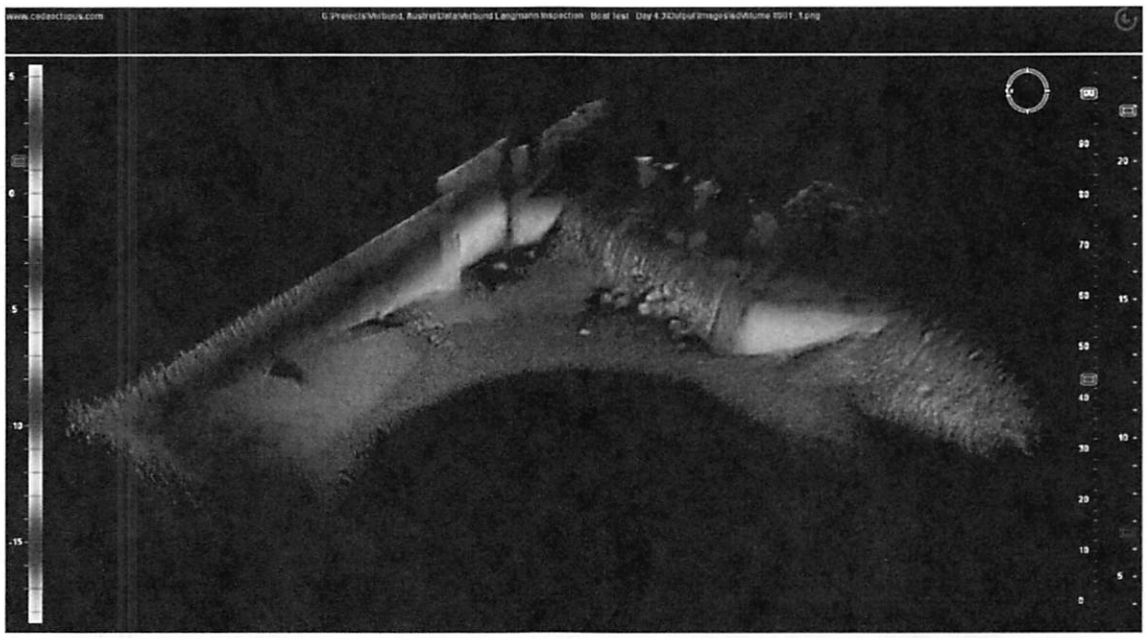
Quote number:	QT-4320 Issue Number 5
Quote date:	September 24, 2024
Prepared for:	Jacksonville Sheriff's Office FAO: Christopher Brown
Prepared by:	Blair Cunningham, President of Technology
Status:	**Commercial in Confidence**

Coda Octopus Products Inc.
3300 S Hiawassee Road
#104-105
Orlando, FL
32835-6350

salesamericas@codaoctopus.com

Price Proposal
Coda Octopus UIS Upgrade and Echoscope PIPE® System



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1. Executive Summary

This document is our Proposal to supply you with the equipment listed herein. Unless otherwise agreed in writing signed by Coda Octopus and you, we supply our goods and services on our Terms and Conditions. A summary of these Key Terms is set out immediately below. In reviewing our Proposal, we invite you to review our terms and conditions of supply.

What constitutes our contract?	*Our Offer:* This Offer which comprises: • Our Quotation; and • Our Terms and Conditions ("T&Cs") of sale or hire (as appropriate) *Your Acceptance of this Offer* (usually your Purchase Order (PO)), *Our Sales Order Confirmation* ("SOC") which will follow once we receive your PO along with our terms and conditions for this transaction. A link our T&Cs of sale which are incorporated by reference in this proposal is in this proposal. We will also send you our T&Cs with our Quotation. Our T&Cs are also on our website at https://www.codaoctopus.com/terms-and-conditions
When is Contract formed between you and Coda Octopus?	A Contract to supply you with the equipment listed below is formed when we send you our Sales Order Confirmation.
What terms apply to your transaction with Coda?	We sell/rent our products on Coda Octopus Terms and Conditions unless otherwise agreed in writing and signed by the Parties: Customer and Coda Octopus. If you cannot locate a copy of our Terms and Conditions of sale/hire please ask our sales team at sales@codacotopus.com Our Terms and Conditions comprise: • General Terms and Conditions of Sale • Terms and Conditions of Use of our Software • Terms and Conditions for TEAM (24/7 Support Service) • Terms and Conditions for Personnel
Who is responsible for shipment under Terms and Conditions?	We sell/rent our equipment ex-works. The Customer is responsible for shipping unless otherwise agreed in writing in our Contract. Coda Octopus, nonetheless, is happy to arrange this on your behalf but in this case, we are acting as agents as delivery takes place ex-works Coda Octopus premises.
Who is responsible for insurance of the goods to be shipped?	Customer unless otherwise agreed in writing in our Contract

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What Law and Jurisdiction apply to disputes?	Florida Law and Florida Courts
Currency	United States Dollar (USD)

If you have any questions, please don't hesitate to contact me using the details included at the end of this quotation.

2. Your Request for Quotation

You have requested a quotation for an upgrade to your UIS (Underwater Inspection System) that was purchased over 12 years ago under a Port Security Grant Program. After a review of the equipment at the JSO facility it was determined that many of the components from the original UIS System are now obsolete and/or non-functional and will require to be replaced.

One of the primary components, the F190 Inertial Navigation System was returned in 2017 for factory calibration and this component, other than servicing will be usable in the UIS platform until 24th September 2027, which is when the GPS Cards inside the F190 will no longer operate.

This proposal therefore identifies the components that are required to be replaced as part of the UIS Re-Fit and Upgrade.

3. Introduction to UIS system

CodaOctopus• Underwater Inspection System ("UIS") is a rapid deployment system for a variety of real time inspection and monitoring application, such as Bridge Inspections, ship hull Inspections, piers and harbors, change detection analysis, and search and recovery. The system can be used to rapidly assess storm damage, find sunken debris and use to detect changes by providing baseline maps of critical infrastructure. The system is easy to use and can be operated by non-hydrographic surveyors.

We believe that the UIS is the only system that can be used for multiple applications to produce detailed high-resolution Geo-referenced scans of ship hulls, bulkheads, piers, bridges and pilings and also be used to inspect and clear shipping channels. Furthermore, the UIS can image and classify divers and underwater vehicles.

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4. UIS Compact System Upgrade

Given the information you have provided Coda Octopus will recommend a CodaOctopus® Underwater Inspection System ("UIS") Compact Edition which comprises Coda Octopus' latest generation of sonars, Echoscope PIPE® Imaging Sonar and the spread of equipment listed immediately below.

Item	Description	

1	**Triple Frequency Echoscope PIPE® C500 Surface** Sonar rated at 40 meters.
	
	• Embedded Processor Type: PIPE
	• 40 Meters Depth Rating
	• Fully adaptive triple frequency:
	  o 240kHz – 280kHz
	  o 375kHz - 425kHz
	  o 600kHz - 700kHz
	• Internal Tilt Sensor
	• Industry Standard 100Mb Ethernet (for PIPE Core and PIPE Sequencer) and 1Gb Ethernet (for PIPE FTS and PIPE Multi/Raw)
	• Up to 40 pings per second (dependent on maximum range)
	• 13 Pin Connector System
	Viewing Angles:
	• 375kHz - 425kHz: 54°x54° - 47°x47°
	• 600kHz - 700kHz: 32°x32° - 28°x28°
	• 240kHz – 280kHz: 88°x41° - 73°x35°
	• Hardware Ready for all PIPE Features.
	For more information please click here.
	
	Technical details covering the Echoscope® are available by clicking on the following link.	

2	**3D Connect 5G** is a 27V DC power supply enabling a single connection point for Echoscope® sonar head and ISAR, Integrated Single Axis Rotator. Providing time-sync capability and a DC power option, further enhancing and simplifying installation. More information is available at this link	

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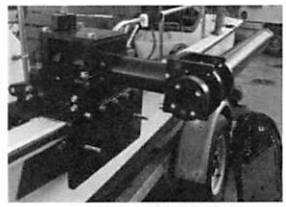
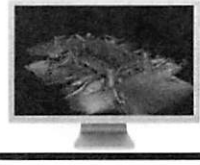
Item	Description	
3.	**Motion 2m Pre-Cal** The existing F190 System that will be retained will be re-housed in the new 2m Pre-Cal Housing. This new housing provides better Heading Accuracy for survey and inspection work.	
4.	**Lightweight Hydrographic pole** for easy and repeatable mounting of the UIS system. The Echoscope PIPE® sonar and the ISAR Rotator are mounted on the Advanced Hydrographic Survey Pole. The pole provides the user with removable deployment and safe stowage. It is fully integrated and calibrated with 4G USE software and includes mounting adapter for ISAR. Two weld-down plates will be supplied to JSO for attachment of the pole mount system to both the Safe Boat and the newer Landing Craft.	
5.	**UIS Laptop** Topside Laptop for running the software and controlling the Echoscope PIE® Surface sonar, the ISAR and the F190	
6.	**UIS System Cables** • 20 m 13 pin Echoscope PIPE cable • 20 m ISAR cable • 15m pre-cal F190 cable	
7.	**3D TOUCH CONTROLLER** This is a comprehensive user interface panel which replaces the traditional software control of the Echoscope real-time 3D Sonar, Rotators and common 3D visualization functions. The 3D Touch Controller is used to control the core sonar and rotators by simple touch switches. The 3D Surface Controller is highly intuitive in operation with all buttons illuminated to indicate state (on/off) and all rotary controls illuminated with LED rings allowing users to quickly glance at the 3D Surface Controller and understand all the active settings.	
8.	UIS 4G USE® Floating License	

NOTE: The existing JSO F180 System and 4G ISAR will be returned to Coda Octopus Service center for review prior to commissioning of new equipment.

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5. Difference between Full-Sized Sonar and Compact C500

You will note we have made two proposals for your UIS system – one built around an Echoscope PIPE® Surface and another built around an Echoscope PIPE® C500 Surface variant of our real time 3D PIPE sonars.
The C500 PIPE forms part of our compact series of sonars and there are some trade offs to be made between the Full-sized sonars and the compact series. We therefore think it is important to provide the differences between the Full-Sized sonars and compact series. In addition to the technical specification, the Full-Sized sonars are more expensive than the compact series.
The Echoscope PIPE® C500 series form part of our Compact series of sonars and is of a smaller and more compact form factor than the Full-Sized Echoscope PIPE®. The Compact Series of Sonars have reduced resolution in one direction.

Description	Echoscope PIPE® Full Sized	Echoscope PIPE® C500 Surface (Compact Size)
Adaptive Frequency	240kHz: 220kHz – 280kHz (triple frequency only) 375kHz: 315kHz - 425kHz 630kHz: 550kHz - 700kHz	Same
Number of beams	180 x 180 (32,400 total)	Same
Angular Beamwidth	Up to 0.6° x 0.6°	Up to 0.6° x 1.2°
Maximum range*)	150 m (492ft) at 240kHz 120 m (394ft) at 375kHz 80m (262ft) at 630kHz	Same
Minimum range*)	0.5m (1.64ft)	Same
Range resolution	3cm (1.2")	Same
Update rate (ping rate)	Up to 40Hz	Same
Angular coverage	220kHz – 280kHz: 100°x44° – 76°x33° 315kHz – 425kHz: 54°x54° – 46°x46° 550kHz – 700kHz: 33°x33° – 25°x25°	Same
Dimensions (h x w x d) (Excluding connectors)	328 x 300 x 145 mm (12.9" x 11.8" x 5.7")	232 x 300 x 147 mm (9.1" x 11.8" x 5.8")
Weight in Air	21.0 kg (46.3lbs)	11.2 kg (24.7 lbs)
Power Consumption	2-6A at 24V DC	2-4A at 24V DC

Compensation for C500's reduced resolution in one direction

The C500 has lower resolution in one direction (vertically when the C500 is mounted with the connector facing up or down) and equivalent resolution to full size Echoscope in the other direction. However, the C500 is very flexible and due to its form factor can be mounted on a range of surface and underwater vehicles. The user can optimize the imaging resolution achieved from the C500 by rotating it (example higher resolution across track for mapping applications). The optimal use of the sonar will depend on your application and some applications it is more optimal to mount the C500 rotated with Connector Left or Right to optimize resolution in the vertical direction. In principle, the C500 should be mounted with the lower resolution in the same plane as the vehicles travel direction – commonly called along-track.

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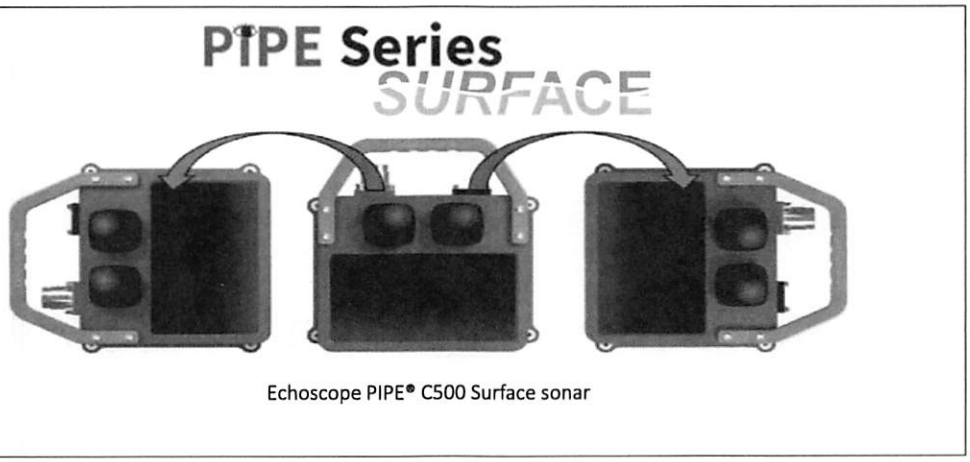
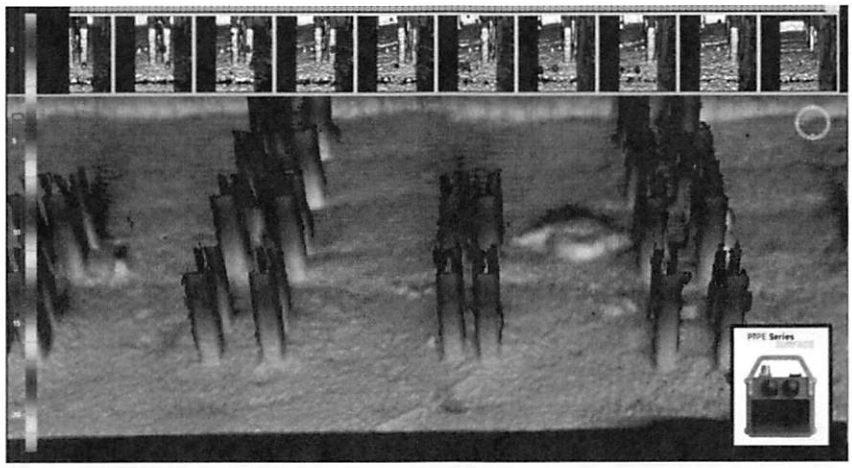
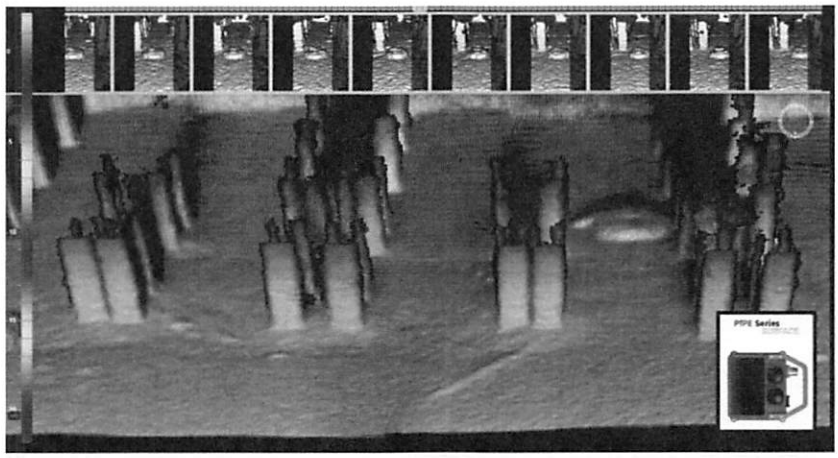


Echoscope PIPE® C500 Surface sonar





Echoscope® PIPE C500 Surface Mapping and Inspection Compensation

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6. Pricing information for UIS Upgrade Components

In the following is provided pricing information on a UIS system built around our Echoscope PIPE® C500 Surface sonar. The optional item for the Echoscope LiDAR is the same unit as demonstrated to the JSO team and officials and does provide enhanced critical inspection benefits.

Additionally, it is highly recommended to budget for the recommended Through Life Support (TLS) which covers hardware assurance, software assurance and back-up system support which will be invaluable for your operations.

Primary Components (Mandatory)

Line Item	Item Description	Price (USD)
1	**Echoscope PIPE®** C500 Surface Triple Frequency Sonar	$162,000
2	**3D Connect 5G** including Power Supply	$16,600
3	**F185+ System** with 2m Pre-calibrated Housing Note1	$63,700
4	**Lightweight Hydrographic pole**	$33,000
5	**UIS Laptop** (High-powered GPU) Pre-Installed	$2,900
6	**UIS System Cables (Echoscope, ISAR and F180)**	$3,800
7 & 8	**4G USE Software with 3D Touch Controller** (including USE Pro Trade-in) Note 2	$15,000
	Total	$296,000

Note 1: *A brand new F185+ System is being supplied at reduced price, to replace the faulty/beyond economic repair JSO system. Additionally, the previously quoted 2m Pre-calibrated Housing is supplied FOC in this offer.*

Note 2: *The 4G USE Software and 3D Touch Controller has been reduced in price to align with budget constraints.*

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Optional Items

Product Code	Item Description	Price (USD)
3D/OP	**Installation Support** - System Verification and support and system calibration. *Coda Octopus will not weld or bolt any materials to your vessel.* **Initial Setup & Familiarization Training** – 5 days for up to 6 personnel	$12,000
3D/ACC/070	**Echoscope LiDAR Model 30 (ESL30)** 3D real-time LiDAR for above Water Mapping 	$27,000

Option Support and Warranty

Coda Octopus offers a Through Life Support (TLS) Program for 3 or 5 years. TLS provides the user with extended warranty against manufacturer's defects, access to all software upgrades and TEAM technical email and telephone support for the duration of the TLS. For more information about TLS please refer to Section 0 below

Product Code	Item Description	Price (USD)
3D/ES/TEAM/TLS/5Y/SER	5 Years Through-Life Support for Echoscope, F285+, ISAR and full TEAM Service and Support for **5 Years – covering hardware assurance, software assurance and back up system support.**	$50,000
3D/ES/TEAM/TLS/3Y/SER	3 Years Through-Life Support for Echoscope, F285+, ISAR and full TEAM Service and Support for **5 Years – covering hardware assurance, software assurance and back up system support.**	$30,000

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Coda Octopus
Sound Underwater Intelligence

7. Terms and Conditions

These items are sold under Coda Octopus' Terms and Conditions. All prices are in USD and excludes local taxes, import duties and freight costs.

No contract is formed between you and Coda Octopus, until Coda Octopus issues its Order Confirmation.

Expiration Date This quote supersedes any previous similar quotations and is valid until the following date:	**90 days from date of this quotation**
Currency This quotation is issued in the following currency:	**USD**
Payment Terms Credit terms are dependent on a suitable credit check. With any firm commitment to purchase, the following payment terms would apply:	**Before shipment**
Hardware to be Shipped	Shipping charges are charged at actual costs plus 15%.
Personnel Required	Engineer's travel and subsistence costs are charged at actual costs plus 15%.

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Coda Octopus
Sound Underwater Intelligence

8. Through Life Support – What does it Cover?

TLS Provides Hardware and Software Assurance during the TLS Period and offers return to base Calibration and Services bi-annually.

1.	TLS Period – Depending on what your Purchase. Options are: 5 Years Coverage from time of delivery of the supply
2.	Hardware Warranty for the TLS Period
3.	Hardware Warranty extends to your Sonar, Pan & Tilt and F290
4.	Software Assurance entitling you to all major upgrades during the TLS Period
5.	24x7x365 Technical Support during the TLS Period. We offer this support via email, remote log on and other online means of support (See TEAM Support below).
6.	Bi-Annual Return to Coda Octopus of your hardware for Calibration and Service.
7.	Loan System in the event of failure during the TLS Period and also during the Calibration and Service Period.

9. Post-Sale Technical Support ("TEAM")

Should you not opt for the Through Life Support we will provide you with 1 year technical support under our TEAM Program where you will be entitled to:

1.	Team Period is 1 year from shipment
2.	Minor software upgrades and bug fixes
2.	Up to 20% discount on major software release and 10% discount on new products and services purchases
3.	24x7x365 Technical Support during the TLS Period. We offer this support via email, remote log on and other online means of support.
4.	Loan systems where your system is out for repair and where one is available in our demonstration equipment pool. This is subject to our loan terms & conditions (including payment of shipping & insurance costs & signing of the loan agreement)
5.	Annual Statement of Usage of your Support Account

Coda Octopus provides a round the clock worldwide technical support and maintenance service during the TLS Period. Thereafter this can be extended through our TEAM program full details of which can be found on this link. Members of TEAM benefit from access to our dedicated support, which provides 24/7 coverage to help the user troubleshoot any issues, provides minor bug fixes and upgrades, and ensures the minimum downtime for any project.

We employ a dedicated support and maintenance team that includes out-of-hours phone coverage. Technical support telephone numbers are +44 131 553 7003 outside the Americas and +1 888 340

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CODA in the Americas. These numbers will provide immediate technical assistance covering any technical difficulties.

10. Delivery Schedule

All products are priced ex-works, Edinburgh UK and delivery charges and import duties are charged at actual costs plus 15%. Delivery is dependent upon which options are chosen and on our order book, but generally a two-four weeks dispatch time is achievable.

11. Company Description

Coda Octopus Products (www.codaoctopus.com) is part of the Coda Octopus Group of Companies. Coda Octopus Group companies are:

Coda Octopus Products Limited	Based in Edinburgh
Coda Octopus Products, Inc.	Based in Orlando
Coda Octopus Products A/S	Based in Copenhagen
Coda Octopus Martech Limited	Portland, England
Coda Octopus Colmek, Inc	Salt Lake City, Utah

Coda Octopus Group, Inc is a NASDAQ Listed Company.

Coda Octopus Products Limited are ISO Certified (ISO 9001:2015)

12. Contact Information

For clarification on any point contained within this document, please do not hesitate to contact:

Blair Cunningham, President of Technology
Coda Octopus Products, Inc.
#104-105 3300 S Hiawassee Road
Orlando, FL 32835-6350
T: +1 813 489 3265
E: Blair.Cunningham@codaoctopus.com

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Trademarks

CodaOctopus®, Echoscope®, Echoscope^{4G}®, Echoscope® PIPE, Echoscope4G® PIPE, Echoscope® 6D, Echoscope® 5D, 5D Echoscope® 4G USE® Ping-Pong Echoscope® Sonar, Ping-Pong® Sonar, Ping-Pong Echoscope® are trademarks of Coda Octopus.

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Award Solicitation: CODA OCTOPUS UPGRADE WITH ECHOSCOPE PIPE SYSTEM – RE-BID

Solicitation **ITB 16017-24** Procurement BU **COJ BU** Close Date **10/14/2024 16:00** Solicitation Currency **USD**	Responses Received **1** Active Responses **1** Shortlisted Responses **1**	Invited Suppliers **100** Will Participate **1** Responded **1**

Line Summary

Requisitioning BU	Line	Item	Item Revision	Supplier	Business Relationship	UOM	Quantity	Response Quantity	Award	Award Quantity	Rank	Response Price	Promised Delivery Date	Supplier Site	Response	Requested Delivery Date	Category Name	Location	Line Type
HHS Homeland Security	1 Triple Frequency Echoscope Pipe S			Coda Octopus Products	Spend Authorized	Each	1	1			1	182,000.00	10/31/2024	Order Remit	433952		680.08 Police Protection	Police Memorial Building	Quantity
HHS Homeland Security	2 3D Connect Nq BA27VDC Power S			Coda Octopus Products	Spend Authorized	Each	1	1			1	16,600.00	10/31/2024	Order Remit	433952		680.08 Police Protection	Police Memorial Building	Quantity
HHS Homeland Security	3 Y185+ system with 2m Pre-Calibrate			Coda Octopus Products	Spend Authorized	Each	1	1			1	83,700.00	10/31/2024	Order Remit	433952		680.08 Police Protection	Police Memorial Building	Quantity
HHS Homeland Security	4 Lightweight Integrtiv Pole			Coda Octopus Products	Spend Authorized	Each	1	1			1	33,000.00	10/31/2024	Order Remit	433952		680.08 Police Protection	Police Memorial Building	Quantity
HHS Homeland Security	5 USB Laptop (High-powered GPU) Rq			Coda Octopus Products	Spend Authorized	Each	1	1			1	2,300.00	10/31/2024	Order Remit	433952		680.08 Police Protection	Police Memorial Building	Quantity
HHS Homeland Security	6 USB System Cables (Echoscope, Sys			Coda Octopus Products	Spend Authorized	Each	1	1			1	3,800.00	10/31/2024	Order Remit	433952		680.08 Police Protection	Police Memorial Building	Quantity
HHS Homeland Security	7 4D Use Software with 3D Touch Con			Coda Octopus Products	Spend Authorized	Each	1	1			1	15,000.00	10/31/2024	Order Remit	433952		680.08 Police Protection	Police Memorial Building	Quantity
HHS Homeland Security	8 Echoscope LIDAR Model 3D (SDL3D			Coda Octopus Products	Spend Authorized	Each	1	1			1	27,000.00	10/31/2024	Order Remit	433952		680.08 Police Protection	Police Memorial Building	Quantity
HHS Homeland Security	9 Installation / Training Support			Coda Octopus Products	Spend Authorized	Each	1	1			1	12,000.00	11/30/2024	Order Remit	433952		680.08 Police Protection	Police Memorial Building	Quantity

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Award Solicitation: CODA OCTOPUS UPGRADE WITH ECHOSCOPE PIPE SYSTEM – RE-BID

Solicitation **ITB 16017-24** Procurement BU **COJ BU** Close Date **10/14/2024 16:00** Solicitation Currency **USD**	Responses Received **1** Active Responses **1** Shortlisted Responses **1**	Invited Suppliers **100** Will Participate **1** Responded **1**

Overview

	Coda Octopus Products Inc **Response: 433952**
Business Relationship	Spend Authorized
Supplier Site	Order/Remit
Supplier Contact	Jardine, Gayle
Response Status	Active
Shortlist Status	Included
Response Amount	336,000.00
Total Award Amount	
Time of Response	9/24/2024 9:44
Response Valid Until	
Reference Number	
Note to Buyer	
Attachments	No

Requirements

Requirement		**Target Value**	**Coda Octopus Products Inc** **Response: 433952**
1.	**Affirmation**		
1.	Type name and title of person submitting bid in the comments box.		a. Acknowledge
	Comments		Niels Sondergaard, Sales Director
2.	Type name of company in the comments box.		a. Acknowledge
	Comments		Coda Octopus Products, Inc.
3.	No Alterations: Bidder has not altered the original Solicitation Document in any way and further understands that any such alteration of the original solicitation document may result in rejection of the bid.		a. Acknowledge
4.	Solicitation Silence: The Solicitation Silence policy is in effect for this solicitation and all communications related to this solicitation must be in writing to the designated procurement representative. Violations of the solicitation silence policy may result in the rejection/disqualification of the submission.		a. Acknowledge
5.	Legal authorization and solicitation specific minimum requirements: All bidders must be legally authorized to do business in Duval County and shall comply with all minimum requirements for this bid. Failure to submit evidence for meeting any of these requirements may be grounds for rejection. Vendor shall provide proof of applicable local business licenses and particulars such as specific licensure, experience on similar projects, years of expertise in the area etc.		a. Acknowledge
	Comments		The Company is registered under the laws of the State of Delewareand authorised to conduct business in the State of Florida and is as such entitled to sell its products and services throughout the territory of the United States of America.
6.	Certification of No Conflict of Interest: Supplier certifies that no official or employee of the City or independent agency requiring the goods or services described in the specifications has a material financial interest in the Supplier's company. Supplier must complete and submit the attached Conflict of Interest Statement fully detailing any potential conflicts.		a. Contractor certifies that no official or employee of the City or independent agency requiring the goods or services described in the specifications has a material financial interest in the Contractor's company.
	Attachments		Yes
7.	Equal Business Opportunity Program: Pursuant to Part 6 of Chapter 126, Jacksonville Ordinance Code, the City of Jacksonville encourages the utilization and participation of Jacksonville Small and Emerging Businesses (JSEBs) in its contract awards based upon availability. It is the City's intent in adopting this program to reflect the philosophy with regards to enhancing participation of JSEBs in all areas of procurement.		a. Acknowledge
8.	Electronic Signature: I understand this acknowledgment serves as my electronic signature and has the same force and effect as my manual signature.		a. Acknowledge
2.	**General Requirements**		
1.	Scope of Services: The Procurement of the City of Jacksonville, Florida is currently accepting bids to obtain source(s) of supply for the item(s) or service(s) as outlined in the bid documents provided. See the attachment(s) for additional information. The Jacksonville Sheriff's Office (JSO) is seeking an authorized and qualified vendor to perform a Coda Octopus Underwater Inspection System (UIS) and Echoscope PIPE System upgrade to the agency's current Coda Octopus system. **This System will be an upgrade to the Jacksonville Sheriff's Office Dive** **Team UIS that was purchased over 12 years ago under a Port Security Grant** **Program. After a review of the equipment at the JSO facility it was determined** **that many of the components from the original UIS System are now obsolete** **and/or non-functional and will require to be replaced. One of the primary** **components, the F190 Inertial Navigation System was returned in 2017 for** **factory calibration and this component, other than servicing will be usable in** **the UIS platform until 24th September 2027, which is when the GPS Cards inside** **the F190 will no longer operate.** **This proposal therefore identifies the components that are required to be** **replaced as part of the UIS Re-Fit and Upgrade.** This work should only be conducted by certified Coda Octopus UIS and Echoscope PIPE system technicians with certified Coda Octopus parts.		a. Acknowledge
2.	Specifications: Provide all items or services as identified on each line or identified below in accordance with all other Terms and Conditions specified herein. See the attachment(s) for additional information.		a. Acknowledge
	Attachments		Yes
3.	Bidders should submit or comply with the following requirements. Failure to submit any of these requirements may be grounds for rejection. a. Supplier shall provide proof of applicable local business license if located within Duval County.		a. Acknowledge
4.	Even though a particular manufacture's name or brand is specified, bids will be considered on other brands or on the products of other manufacturers unless notified otherwise. On all such bids, Bidder must clearly indicate the product (brand and model number) on which it is bidding and will supply sufficient data in detail to enable an intelligent comparison to be made with the particular brand or manufacture specified. Are you bidding any alternates to the lines listed on this solicitation? If yes, indicate which line and attach data as requested.		a. No
5.	Federal Funding: Complete and return all federal funding attachments.		a. Acknowledge
	Attachments		Yes

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Award Solicitation: CODA OCTOPUS UPGRADE WITH ECHOSCOPE PIPE SYSTEM – RE-BID

Solicitation **ITB 16017-24**	Responses Received **1**	Invited Suppliers **100**
Procurement BU **COJ BU**	Active Responses **1**	Will Participate **1**
Close Date **10/14/2024 16:00**	Shortlisted Responses **1**	Responded **1**
Solicitation Currency **USD**		

Lines

Number of Awarded Lines	0	Total Current Value		Total Savings Amount	
Number of Awarded Suppliers	0	Total Award Amount		Total Savings	

1 Triple Frequency Echoscope Pipe C500 Surface Sonar

Requisitioning BU	**IHHS: Homeland Security**	UOM	**Each**	Award Quantity	
Line Type	**Quantity**	Start Price		Award Amount	
Item		Current Price	**162,000.00**	Savings	
Item Revision				Savings	
Category Name	**680.08 Police Protection Equipment (Body Ar**				
Location	**Police Memorial Building**				

	Target Value	Coda Octopus Products Inc Response: 433952
Business Relationship		Spend Authorized
Supplier Site		OrderRemit
Response Status		Active
Shortlist Status		Included
Rank		1
Line Pricing		
Response Price		162,000.00
Response Quantity	1	1
Line Amount		162000
Unit Price Savings		0.00
Unit Price Savings Percent		0.00%
Minimum Release Amount		
Award Decision		
Award Quantity		
Award Amount		
Promised Delivery Date		10/31/2024
Note to Buyer		
Attachments		No

2 3D Connect % G IS A 27V DC Power Supply

Requisitioning BU	**IHHS: Homeland Security**	UOM	**Each**	Award Quantity	
Line Type	**Quantity**	Start Price		Award Amount	
Item		Current Price	**16,600.00**	Savings	
Item Revision				Savings	
Category Name	**680.08 Police Protection Equipment (Body Ar**				
Location	**Police Memorial Building**				

	Target Value	Coda Octopus Products Inc Response: 433952
Business Relationship		Spend Authorized
Supplier Site		OrderRemit
Response Status		Active
Shortlist Status		Included
Rank		1
Line Pricing		
Response Price		16,600.00
Response Quantity	1	1
Line Amount		16600
Unit Price Savings		0.00
Unit Price Savings Percent		0.00%
Minimum Release Amount		
Award Decision		
Award Quantity		
Award Amount		
Promised Delivery Date		10/31/2024
Note to Buyer		
Attachments		No

3 F185+ system with 2m Pre-Calibrated Housing

Requisitioning BU	**IHHS: Homeland Security**	UOM	**Each**	Award Quantity	
Line Type	**Quantity**	Start Price		Award Amount	
Item		Current Price	**63,700.00**	Savings	
Item Revision				Savings	
Category Name	**680.08 Police Protection Equipment (Body Ar**				
Location	**Police Memorial Building**				

	Target Value	Coda Octopus Products Inc Response: 433952
Business Relationship		Spend Authorized
Supplier Site		OrderRemit
Response Status		Active
Shortlist Status		Included
Rank		1
Line Pricing		
Response Price		63,700.00
Response Quantity	1	1
Line Amount		63700
Unit Price Savings		0.00
Unit Price Savings Percent		0.00%
Minimum Release Amount		
Award Decision		
Award Quantity		
Award Amount		
Promised Delivery Date		10/31/2024
Note to Buyer		
Attachments		No

4 Lightweight Hydrogrphic Pole

Requisitioning BU	**IHHS: Homeland Security**	UOM	**Each**	Award Quantity	
Line Type	**Quantity**	Start Price		Award Amount	
Item		Current Price	**33,000.00**	Savings	
Item Revision				Savings	
Category Name	**680.08 Police Protection Equipment (Body Ar**				
Location	**Police Memorial Building**				

	Target Value	Coda Octopus Products Inc Response: 433952
Business Relationship		Spend Authorized
Supplier Site		OrderRemit
Response Status		Active
Shortlist Status		Included
Rank		1
Line Pricing		
Response Price		33,000.00
Response Quantity	1	1
Line Amount		33000
Unit Price Savings		0.00
Unit Price Savings Percent		0.00%
Minimum Release Amount		
Award Decision		
Award Quantity		
Award Amount		
Promised Delivery Date		10/31/2024
Note to Buyer		
Attachments		No

5 UIS Laptop (High-powered GPU) Pre-Installed

Requisitioning BU	**IHHS: Homeland Security**	UOM	**Each**	Award Quantity	
Line Type	**Quantity**	Start Price		Award Amount	
Item		Current Price	**2,900.00**	Savings	
Item Revision				Savings	
Category Name	**680.08 Police Protection Equipment (Body Ar**				
Location	**Police Memorial Building**				

	Target Value	Coda Octopus Products Inc Response: 433952
Business Relationship		Spend Authorized
Supplier Site		OrderRemit
Response Status		Active
Shortlist Status		Included
Rank		1
Line Pricing		
Response Price		2,900.00
Response Quantity	1	1
Line Amount		2900
Unit Price Savings		0.00
Unit Price Savings Percent		0.00%
Minimum Release Amount		
Award Decision		
Award Quantity		
Award Amount		
Promised Delivery Date		10/31/2024
Note to Buyer		
Attachments		No

6 UIS System Cables (Echoscope, ISAR and F180)

Requisitioning BU	**IHHS: Homeland Security**	UOM	**Each**	Award Quantity	
Line Type	**Quantity**	Start Price		Award Amount	
Item		Current Price	**3,800.00**	Savings	
Item Revision				Savings	
Category Name	**680.08 Police Protection Equipment (Body Ar**				
Location	**Police Memorial Building**				

	Target Value	Coda Octopus Products Inc Response: 433952
Business Relationship		Spend Authorized
Supplier Site		OrderRemit
Response Status		Active
Shortlist Status		Included
Rank		1
Line Pricing		
Response Price		3,800.00
Response Quantity	1	1
Line Amount		3800
Unit Price Savings		0.00
Unit Price Savings Percent		0.00%
Minimum Release Amount		
Award Decision		
Award Quantity		
Award Amount		
Promised Delivery Date		10/31/2024
Note to Buyer		
Attachments		No

7 4G Use Software with 3D Touch Controller

Requisitioning BU	**IHHS: Homeland Security**	UOM	**Each**	Award Quantity	
Line Type	**Quantity**	Start Price		Award Amount	
Item		Current Price	**15,000.00**	Savings	
Item Revision				Savings	
Category Name	**680.08 Police Protection Equipment (Body Ar**				
Location	**Police Memorial Building**				

	Target Value	Coda Octopus Products Inc Response: 433952
Business Relationship		Spend Authorized
Supplier Site		OrderRemit
Response Status		Active
Shortlist Status		Included
Rank		1
Line Pricing		
Response Price		15,000.00
Response Quantity	1	1
Line Amount		15000
Unit Price Savings		0.00
Unit Price Savings Percent		0.00%
Minimum Release Amount		
Award Decision		
Award Quantity		
Award Amount		
Promised Delivery Date		10/31/2024
Note to Buyer		
Attachments		No

8 Echoscope LiDAR Model 30 (ESL30)

Requisitioning BU	**IHHS: Homeland Security**	UOM	**Each**	Award Quantity	
Line Type	**Quantity**	Start Price		Award Amount	
Item		Current Price	**27,000.00**	Savings	
Item Revision				Savings	
Category Name	**680.08 Police Protection Equipment (Body Ar**				
Location	**Police Memorial Building**				

	Target Value	Coda Octopus Products Inc Response: 433952
Business Relationship		Spend Authorized
Supplier Site		OrderRemit
Response Status		Active
Shortlist Status		Included
Rank		1
Line Pricing		
Response Price		27,000.00
Response Quantity	1	1
Line Amount		27000
Unit Price Savings		0.00
Unit Price Savings Percent		0.00%
Minimum Release Amount		
Award Decision		
Award Quantity		
Award Amount		
Promised Delivery Date		10/31/2024
Note to Buyer		
Attachments		No

9 Installation / Training Support

Requisitioning BU	**IHHS: Homeland Security**	UOM	**Each**	Award Quantity	
Line Type	**Quantity**	Start Price		Award Amount	
Item		Current Price	**12,000.00**	Savings	
Item Revision				Savings	
Category Name	**680.08 Police Protection Equipment (Body Ar**				
Location	**Police Memorial Building**				

	Target Value	Coda Octopus Products Inc Response: 433952
Business Relationship		Spend Authorized
Supplier Site		OrderRemit
Response Status		Active
Shortlist Status		Included
Rank		1
Line Pricing		
Response Price		12,000.00
Response Quantity	1	1
Line Amount		12000
Unit Price Savings		0.00
Unit Price Savings Percent		0.00%
Minimum Release Amount		
Award Decision		
Award Quantity		
Award Amount		
Promised Delivery Date		11/30/2024
Note to Buyer		
Attachments		No

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