SINGLE SOURCE AWARD **BID # SS-10764-21**

Subject: Programmable Automation Controller (PAC) Intercom and Door Control System

Department: Jacksonville Sheriff's Office

Description of Purchase: Recommend approval of single source award to Global Correctional Systems, LLC for the supply of Programmable Automation Controller (PAC) Intercom and Door Control System for the Jacksonville Sheriff's Office. Total not-to-exceed expenditure in the amount of $176,940.00.

Funding Source: 11522.551103.564020.000000.00001344.00000.0000000 – To be encumbered by Purchase Order

Single Source Award To: Global Correctional Systems, LLC

Price Justification: See attachment

Total Award: $176,940.00 **Requisition #:** CRPR-500618-21

Attachments: Agency Memo, Single Source Form, Vendor Letter and Quote

Certification as to Single Source: Tammy Morris, Director of Corrections

THE ABOVE PURCHASE IS RECOMMENDED FOR AWARD IN ACCORDANCE WITH CHAPTER 126.206.

Analyst: Olive Wallace-Cohen

Gregory Rease, Chief
Procurement Division

APPROVAL OF GENERAL GOVERNMENT AWARDS COMMITTEE

"ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS"

CHAIRMAN ***DATE***

ACTION OF AWARDING AUTHORITY DATE: _____

APPROVED_____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

FORM GB-113, Revised 12/2007

SS-10764-21

Jacksonville Sheriff's Office

MIKE WILLIAMS, SHERIFF

Serve • Protect • Community

To: Gregory Pease
Chief of Procurement

Thru: Bill Clement, CPA
Chief of Budget

From: Tammy Morris
Director of Corrections

Subject: Single Source Award – Global Correctional Systems, LLC

Date: June 8, 2021

The Jacksonville Sheriff's Office is requesting a single source award with Global Correctional Systems, LLC for the purchase of a Programmable Automation Controller (PAC) Intercom and Door Control System at the Community Transition Center. The not to exceed expenditure amount for the system is $ 176,940.00. The funding source is 11522.551103.564020.000000.00001344.00000. Attached is the single source request and their proposal. The request will be processed through a purchase order.

Please let me know if you need any additional information.

OFFICE OF THE SHERIFF
ORDER REQUEST FORM

Request For: COMMUNITY TRANSITION CENTER (Work Unit) | PRISONS (Division) | Corrections (Dept.)

Requestor: S. FARRELL (Name) | 7534 (ID #) | 630-2824 (Phone) | 2/26/2021 (Date)

Deliver To Location: 451 CATHERINE STREET, JAX FL 32202

Item No.	Description and Model No.	JSO Stock No.	QTY.	Unit Cost	Total
1	GLOBAL CORRECTIONAL SYSTEM INTERCOM/CONTROL PANELS		1	########	$ 167,185.00
2					
3	EXTENDED WARRANTY		1	9,755.00	9,755.00
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15	**********SEE QUOTE**********				
				TOTAL REQUEST	$ 176,940.00

Suggested Vendor: GLOBAL CORRECTIONAL SYSTEM LLC Vendor Phone: 412-600-4629

Vendor Address / E-mail: 3435 STATE ROUTE 18 WAMPUM, PA 16157

☐ Proprietary
☐ Sole Source

If Proprietary / Sole Source, attach appropriate form and letter from vendor.

Special funding to be used for this purchase?
☐ Loan Pool / Banking Fund
☐ Grant *
☑ Trust Fund *

IMWF
* Enter name and # of Grant or Trust Fund

Justification / Repetitive Request Authorization / Notes:

Housing unit controls for doors and intercoms for CTC

Approvals:

	Signature	ID #	Date
1.		5711	02/26/2021
2.		7895	2-26-21
3.		6536	3/01/21
4.			

Required approval level (per General Order 54):
$0 to $2,500 - Assistant Chief or higher
$2,501 to $5,000 - Chief or higher
$5,001 or more - Director or higher

Budget Office Use Only
Index ____ Subobject ____
Analyst ____ Date ____

P-1532 Rev 2010-09

SINGLE SOURCE REQUEST

Pursuant to the City of Jacksonville Procurement Code § 126.206 & § 126.312, when requesting a purchase from a Supplier subject to the referenced sections, please complete this form to justify your request and submit to Procurement with applicable attachments

PROVIDE A SUMMARY OF THE SCOPE OF GOODS/SERVICES TO BE PROVIDED; IDENTIFY EACH ITEM, COMPONENT OR SERVICE BEING PROCURED (ATTACH QUOTE/PROPOSAL):

Programmable Automation Controller (PAC) Intercom (IC) and Door Control System, which includes replacing existing speaker and call station components with new state of the art equipment, new system to be controlled from 7 Flat Panel Touch Screens, replacing existing wiring to IC Speakers with new Belden 4 wire Shielded cable, installation and training.

PROVIDE A DETAILED JUSTIFICATION AS TO WHY THE REQUESTED GOODS/SERVICES CAN ONLY BE EFFICIENTLY AND EFFECTIVELY PROCURED THROUGH THE RECOMMENDED SINGLE SOURCE PROVIDER:

Global Correctional Systems, LLC, provided the same systems at the Pre-Trial Detention Facility and at the Montgomery Correctional Center. Selecting the same system will reduce the need for additional training and it will maintain safety measures for employees who work/transfer between the 3 correctional facilities because of the familiarity of the use of the systems.

ASSERT THAT YOU HAVE RESEARCHED THE AVAILABILITY OF THE REQUESTED GOODS/SERVICES FROM OTHER SOURCES IN APPLICABLE MARKETS AND HAVE DISCUSSED AND EVALUATED THE SAME WITH COJ'S PROCUREMENT AND EBO DIVISIONS:

We have researched and Global Correctional Systems, LLC, is the provider of the equipment, installation and necessary programming of the software and equipment so the new systems function as the current systems at the Pre-Trial Detention Facility and MCC.

Procurement Division

March, 2020

GLOBAL CORRECTIONAL SYSTEMS, LLC

Jacksonville Sheriff's Office
500 East Adams ST.
Procurement Manager
Jacksonville, FL 32202
ATTN: Deidra Baines
TEL: (904)630-5970
FAX: (904)630.2772

May 24, 2021

Dear Ms. Baines,

This letter is being provided, as per your request, to determine Global Correctional Systems proprietary status for the Sale, Service and Support of the Door/Intercom Control System being quoted for the Community Transition Center and is currently in use at the Jacksonville Pretrial Detention Facility and the Montgomery Correctional Center.

Global Correctional Systems manufactures the intercom and door relay boards, along with the interface assemblies utilized in the control system. The controllers and PC's are off the shelf items. However, the hardware by itself will not function without the proper application software being installed in the system. The application software has been developed by us and is available only through us.

Global Correctional Systems will provide the level of service and support you require and will continue this support for years to come.

If you should have any further questions on this matter, please call 412-600-4629.

Sincerely,

Cliff Watson
Senior Service Engineer
Global Correctional Systems, LLC

GLOBAL CORRECTIONAL SYSTEMS, LLC.

JACKSONVILLE SHERIFF'S OFFICE
COMMUNITY TRANSITION CENTER
IC AND DOOR CONTROL UPGRADE
GCS020321001

IC & DOOR CONTROL SYSTEM UPGRADE:

- Provide PAC Controlled IC and Door Control system
- Replace existing speaker and call station components with new
- New system to be controlled from 7 Flat Panel Touch screens
- Option A – Replace existing wiring to IC Speakers with new Belden 4 wire Shielded cable

GLOBAL CORRECTIONAL SYSTEMS LLC
3435 STATE ROUTE 18, WAMPUM, PA 16157

CONTENTS

1. UPGRADE PROPOSAL
2. HARDWARE
3. TRAINING
4. COST PROPOSAL
5. PAYMENT TERMS
6. COMPANY / CONTACT INFORMATION

1. UPGRADE PROPOSAL

Global Correctional Systems, LLC is pleased to offer the following quotation for the upgrade of the existing IC and Door Control System at Jacksonville's Community Transition Center (CTC) . The proposed quotation will provide hardware, termination, commissioning and testing of the PAC Controlled system.

The system hardware shall include the new State-of-the-art Programmable Automation Controller (PAC) PAC3000. (see Hardware for details) The PAC3000 offers state-of-the-art technology and high performance along with excellent reliability. Its High-speed interface, Powerful I/O capability and its compact size make this PAC the perfect fit for the job. This system is currently installed and running at Montgomery Correctional Center and the John E. Goode Pretrial Detention Facility.

The PAC3000 is an off the shelf controller that is readily available. Global Correctional Systems is not the only supplier of this product thus eliminating the risk of dealing with a single source and the proprietary issues that go along with it. The PAC utilizes industry standard communication protocols, such as MODBUS, this will allow the PAC to communicate to other devices not of the same manufacture, making it extremely flexible.

Each PAC will be configured with 24VDC 64 point Input and Output cards (see Hardware for details). These I/O cards will be used to control door relays, handle intercoms and monitor door status. Existing field wiring will be terminated on input and output interface blocks.

The existing panels will be replaced with a State-of-the-art 19" LCD Touchscreens with Industrial PC's (see Hardware for details). The PC's will communicate to the PAC3000 via Ethernet using the MODBUS/TCP protocol. This model Touch Screen can either be panel mounted inside a Consolet style box or it can be mounted on an adjustable VESA mount stand to allow for more flexibility and real estate.

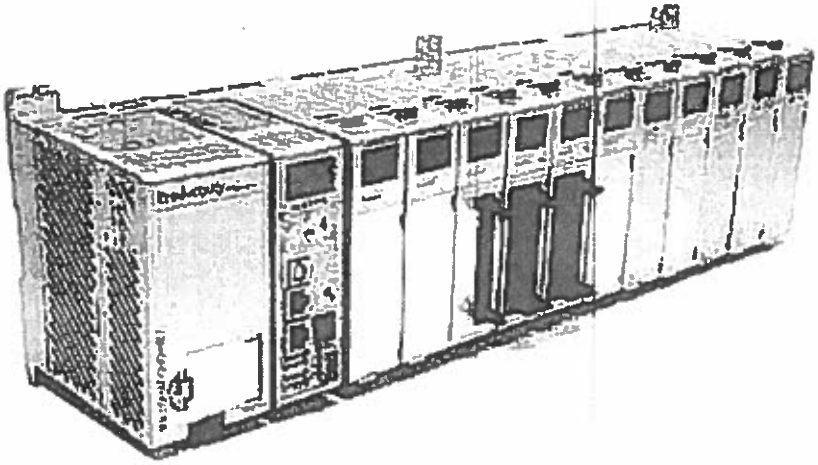
These PC's are again, off the shelf, and will be running an HMI software called Indusoft Web Studio. This software has won many engineering awards and is utilized throughout the Detention industry. Screens will be designed to emulate the existing panels to reduce the time required for the operator to learn the new controls. Additions and modifications can be easily handled later if needed.

Option "A" offers the replacement of all Intercom wires with new Belden 4 Conductor Shielded cable. This new cable will offer a more reliable IC system. The shielding will greatly reduce noise.

As stated earlier, our proposal was designed to provide the most cost effective, yet comprehensive solution while minimizing down time and costly overtime. The equipment being supplied is the most current and the system state-of-art.

2. HARDWARE INFORMATION

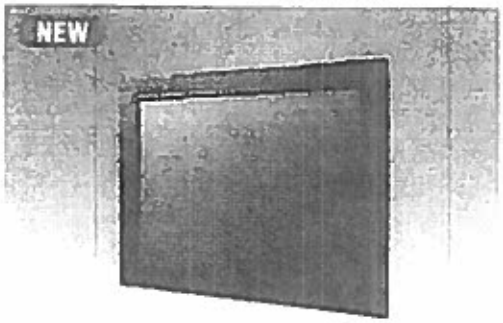
The Productivity3000 programmable automation controller (PAC) is a compact logic controller that combines the features and capabilities of a PC-based control system with that of a typical programmable logic controller (PLC). The PAC3000 offers you a more powerful industrial control solution that is easier to use and extremely cost effective.



- Programmable Automation Controller (PAC) Processing Power
  - High-performance CPU with 50Mb memory, fast scan time
  - Industry-leading 7 communications ports, including built-in local expansion and Ethernet remote I/O ports are standard on the CPU
  - USB Programming and USB Data Logging are resident on the CPU
- Modular, Rack-based System
  - Full lineup of 36 discrete, analog and specialty PAC I/O modules
  - Local, Expansion and Remote I/O bases, up to 115,000+ I/O points
  - Auto-discover local and remote PAC bases, I/O and GS drives
  - Hot-swappable I/O, No module placement restrictions, No power budget limitations
- ProductivitySuite PAC Programming Software
  - User defined tag-based programming for descriptive I/O naming
  - Simple-to-use instructions and Easy math to eliminate complex ladder logic rungs
  - Application tools for quick access to setup, programming, debugging and PAC control
  - Task Manager for quick and easy prioritization of Ladder Logic code

IDS-3219

19" SXGA Industrial Panel Mount Monitor



Features

- [illegible]
- [illegible]
- [illegible]
- [illegible] RS-232 and USB
- [illegible] VGA & DVI
- [illegible]
- [illegible]
- [illegible]
- [illegible]

CE FCC

Introduction

[illegible]

Specifications

Display	Model	IDS-3219
	[illegible]	[illegible]
	Resolution	1280 x 1024 (SXGA)
	[illegible]	[illegible]
	Brightness	300 (cd/m²)
	[illegible]	[illegible]
	Contrast Ratio	1000:1
	Response Time	[illegible]
	Pixel Pitch (mm/pixel)	0.3075 mm
Touchscreen	Touchscreen Type	[illegible]
	Surface Hardness	3H
	[illegible]	[illegible]
	Transmission	80% ±3%
Environment	Operating Temperature	[illegible]
	Storage Temperature	[illegible] (-40~140°F)
	[illegible]	[illegible]
	Vibration	[illegible]
System	[illegible]	[illegible]
	OSD	[illegible]
	[illegible]	[illegible]
	EMC Compliance	[illegible]

CALL STATION

GENERAL DESCRIPTION

The **CIS2 Series** is a 3-gang, vandal resistant call station with integrated speaker/microphone consisting of a 3" square frame loudspeaker with a 2.35 oz. ceramic magnet and a phenolic impregnated, moisture resistant cone, 1W-25W transformer and a momentary (normally open) push-to-call button.

Two (2) interchangeable steel security screens are mounted between the 12 gauge brushed stainless steel faceplate and loudspeaker. Tamper resistant, 6-32 x 1" pan head screws are included.

MODELS AVAILABLE

CIS2/8	8 Ohm Speaker
CIS2/25	1W-25W 3 Tap Transformer 1W @ 5W, @ 25W
CIS2/45	45 Ohm Speaker

INTENDED USE - Indoor or Protected Outdoor Environment

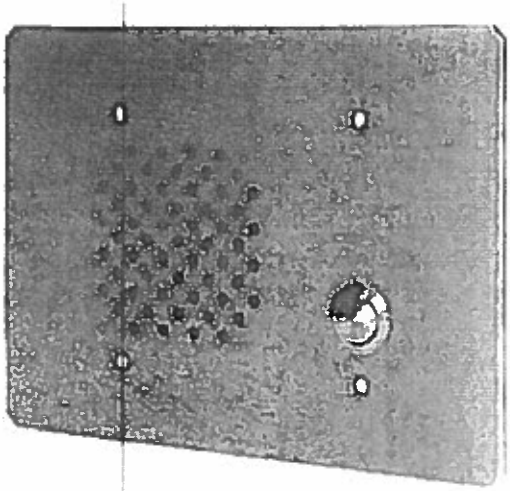
Program Material	Digital Tones and Voice

AUDIO SPECIFICATIONS

Average Sensitivity	87 dB SPL, 1W/1M
Magnet Type & Weight	Ferrite Ceramic, 2.35 oz. Nominal
Frequency Response	150 Hz - 10 kHz EIA 426A Standard
Nominal Coverage Angle	90° Included Angle -6 dB / 2 kHz, Half Space
Audio Connection	25W: 7" Color Coded Leads, Pre-Cut 8 & 45 Ohm: #10-32 Screw Terminal

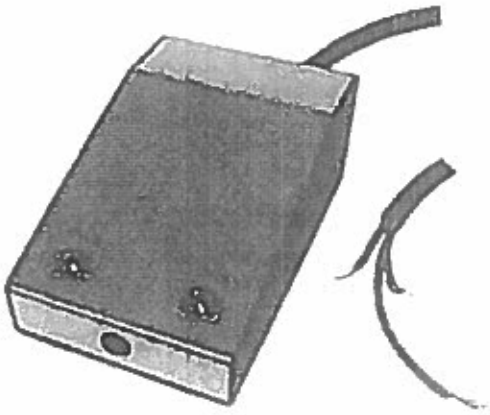
RECOMMENDED QUAM COMPONENTS

Enclosures	Surface Mount: SB1G, SB1GX, SB1DGX



CONTROL STATION IC & MIC

DODC-2



The microphone is mechanically shock resistant mounted on the front of the unit. An electronic balancing circuit shapes the omni-directional microphone for high voice band sensitivity while adapting it for low impedance connection over long wire lengths with minimal noise. Wiring is a standard twisted, shielded audio pair cable.

The integral 3" loudspeaker is moisture resistant and includes vandal resistant metal barriers to protect it from abuse. The speaker has a 45 ohm Voice Coil for proper impedance matching to the ICA-202 Amplifier.

Design Information

Power	Microphone: 9-52V DC Speaker: 4W
Dimensions	5" W x 8" D x 4" H
Frequency Response	Microphone: 70 - 16k Hz Speaker: 150 – 10k Hz
Pattern	Cardioid
Impedance	Microphone: 100 Ohms Speaker: 45 Ohms
Weight	5 lbs

3. TRAINING

Training will be ongoing throughout the installation process. Maintenance staff and support staff will find it invaluable to be closely involved with the install. **Post Installation training is available but not included in this quote.**

4. COST PROPOSAL

UPGRADE IC AND DOOR CONTROL SYSTEM
PRICING VALID FOR 90 DAYS

CONTROL SYSTEM :

- *PROVIDE PAC CONTROLLED IC AND DOOR CONTROL SYSTEM.*
- *REPLACE EXISTING SPEAKERS AND CALL STATIONS WITH NEW AND INTEGRATE IN TO NEW CONTROL SYSTEM*
- *PROVIDE 7 NEW 19" TOUCH SCREENS WITH INDUSTRIALIZED PC'S WITH TOUCH AND MOUSE CONTROL*
- *COMMISSION AND TEST ALL CONTROLS FOR IC'S AND DOORS*

CONTROL SYSTEM – OPTION A :

- *PROVIDE ALL IN CONTROL SYSTEM*
- *PROVIDE NEW WIRING FOR INTERCOM SPEAKERS AND STATIONS*
- *INSTALL, VERIFY AND TEST ALL NEW WIRING FOR IC*

TOTAL WITH OPTION A.....$167,185.00

EXTENDED WARRANTY $9755.00

- *ADDS TWO YEARS OF WARRANTY TO EXISTING ONE.*

176,940.00

5. PAYMENT TERMS

30% - At acceptance of order
50% - Upon delivery of equipment and completion of installation is operational
20% - Final Acceptance; system is operating with same functionality as or better than original system

Warranty – 12 Months from shipment of Hardware. An additional 2 year Extended warranty may be purchased
Shipment – FOB Pittsburgh. Prices shown include ground shipping.
Cancellation prior to start of work – a restocking charge of 20% would apply.
Taxes and Duties – are not included in this quotation; all applicable taxes and duties would be to the account of the buyer.

6. COMPANY / CONTACT INFORMATION

Global Correctional Systems, LLC was formed in 2009 and incorporated in Pennsylvania in 2010, where we call home. We at GCS saw a need to provide an alternate source of support to the GEM-80 product base and the Detention Industry as a whole. Our technicians and support staff are factory-trained professionals, with over 50 years of combined experience in the industry.

We provide service and support to many institutions across North America. These Services include Depot level repair, Technical Support and Onsite Service, Corrective and Preventive, and System Upgrades.

GLOBAL CORRECTIONAL SYSTEMS, LLC
3435 STATE ROUTE 18
WAMPUM, PA 16157

Federal ID: 27-3427670

PA Vendor ID: 0000391647

Phone: 412-600-4629
Fax: 412-587-0330
cwatson@globalcorrectionalsystems.com

SERVICE:
service@globalcorrectionalsystems.com

SAM.GOV

GLOBAL CORRECTIONAL SYSTEMS, LLC

DUNS Unique Entity ID	SAM Unique Entity ID	CAGE / NCAGE
011496449	XJNRMLLLCU67	6YR00
Purpose of Registration	Expiration Date	Registration Status
All Awards	Aug 29, 2014	Expired
Physical Address	Mailing Address	
215 Hunting Ridge TRL Cranberry Township, Pennsylvania 16066 United States	215 Hunting Ridge TRL Cranberry Township, Pennsylvania 16066 United States	

Business Information

Doing Business as	Division Name	Division Number
(blank)	Corrections Business	(blank)
Congressional District	State / Country of Incorporation	URL
Pennsylvania 03	Pennsylvania / United States	Globalcorrectionsystems.com

Registration Dates

Activation Date	Submission Date	Initial Registration Date
Sep 2, 2013	(blank)	Aug 29, 2013

Entity Dates

Entity Start Date	Fiscal Year End Close Date
Oct 23, 2010	Dec 31

Immediate Owner

CAGE	Legal Business Name
(blank)	(blank)

Highest Level Owner

CAGE	Legal Business Name
(blank)	(blank)

Executive Compensation

Registrants in the System for Award Management (SAM) respond to the Executive Compensation questions in accordance with Section 6202 of P.L. 110-252, amending the Federal Funding Accountability and Transparency Act (P.L. 109-282). This information is not displayed in SAM. It is sent to USAspending.gov for display in association with an eligible award. Maintaining an active registration in SAM demonstrates the registrant responded to the questions.

Proceedings Questions

Registrants in the System for Award Management (SAM) respond to proceedings questions in accordance with FAR 52.209-7, FAR 52.209-9, or 2.C.F.R. 200 Appendix XII. Their responses are not displayed in SAM. They are sent to FAPIIS.gov for display as applicable. Maintaining an active registration in SAM demonstrates the registrant responded to the proceedings questions.

SAM Search Authorization

I authorize my entity's non-sensitive information to be displayed in SAM public search results:

Yes

Entity Types

Business Types

Entity Structure	Entity Type	Organization Factors
Partnership or Limited Liability Partnership	Business or Organization	Limited Liability Company
Profit Structure		
For Profit Organization		

Government Types

Accepts Credit Card Payments	Debt Subject To Offset
Yes	No

Points of Contact

Electronic Business

Vincent J Terenzio, General Manager

215 Hunting Ridge Trail
Cranberry Township, Pennsylvania 16066
United States

Government Business

Vincent J Terenzio, General Manager

215 Hunting Ridge Trail
Cranberry Township, Pennsylvania 16066
United States

Service Classifications

NAICS Codes

Primary	NAICS Codes	NAICS Title
Yes	561621	Security Systems Services (Except Locksmiths)
	922140	Correctional Institutions

Disaster Response

This entity does not appear in the disaster response registry.