REQUEST FOR PROPOSAL

CONTROLLED ACCESS DOORS, CAMERAS, AND SECURITY SYSTEM INSTALLATION AND INTEGRATION

City of Pearl, Information Technology Department
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Request for Proposal (RFP): Controlled Access Doors, Cameras, and Security System Installation and Integration

1. Project Overview

Objective: To add six City of Pearl locations to the existing on-premises Genetec system to increase security and control access to City of Pearl facilities to enhance security, monitor access, and ensure compliance with applicable standards.

Scope: The project includes the installation and integration of controlled access doors, security cameras at six locations, and a security system at one location to be fully integrated with the existing Genetec system for seamless operation:

- Parks and Recreation Main Building
- Public Works Main Building
- Old Brandon Road Well
- Main City Park Building
- Center City Drive Well
- Public Works McKay Circle

The system must support multi-factor authentication, real-time monitoring, and integration with the existing Genetec system, while meeting accessibility and data protection standards.

2. Technical Requirements

2.1 Access Control

- Support for multiple authentication methods (RFID, biometric, PIN).
- Centralized management with audit trails stored for at least 12 months.
- Integration with existing Genetec system.
- ADA-compliant where required.

2.2 Camera Systems

- Minimum 1080p resolution, with night vision and motion detection.
- Indoor and outdoor cameras, with weatherproof enclosures for external units.
- Secure, encrypted remote access for live feeds via Genetec platform.

2.3 System Integration

- Compatibility with the existing Genetec system for access control and video management.
- Integration with existing security systems (e.g., alarms, fire systems).
- API support for scalability and future integrations.
- PoE (Power over Ethernet) for efficient power and data connectivity.

2.4 Compliance

- Adherence to ADA for accessibility.
- Data protection compliance with applicable regulations (e.g., Mississippi Public Records Act, § 25-61-1 et seq.).

- Cybersecurity standards (e.g., NIST 800-53 recommended).

3. Equipment List

Note: The equipment listed below is brand-specific as provided in the project specifications. Substitutions or changes to the specified brands or equipment types are not permitted unless otherwise approved by the Information Technology Director. Vendors must supply the exact models listed, to be confirmed upon proposal submission. All equipment lists for Parks and Recreation Main Building, Public Works Main Building, Old Brandon Road Well, Main City Park Building, Center City Drive Well, and Public Works McKay Circle are fully specified with exact brand names and part numbers. Brand-specific equipment is required for compatibility with the existing Genetec system. Include in your submission any additional items necessary for any location, such as clamps, cabling, pipes, and conduit required for installation, along with labor where needed. If any item is sole source, vendors must provide certification per Mississippi Code § 31-7-13(m).

3.1 Parks and Recreation Main Building

Note: No cameras are specified for this location, as existing cameras meet current requirements. Additional cameras, if needed, will be procured separately per Mississippi Code § 31-7-13.

- **Altronix Trove 3 Assembly** (1): Can, Battery, Unistrut w/Straps, Connectors, Bushings, and 10' Stub-Up

- **Altronix EFLOW104NB** (1): 24VDC @ 10 AMP BOARD

- **Altronix ACM8 relay board** (2): 8 channel fused relay board (board only)

- **Genetec SY-CLOUDLINK Assembly** (1): Cloudlink with Altronix GB1

- **Genetec Sy-MP1502** (1): Mercury Controller 2 Reader 8 Input 4 Output, Ethernet

- **Genetec Sy-MR52-S3** (4): Mercury MR52 2-Reader Interface Module, Series 3

- **HES 9400-12/24D-630** (2): HES 9400 surface mount lock

- **Command Access MLRK1-HAG** (8): Motorized Latch Retraction Kit, for Hager 4500 Series

- **SDC PT-3V** (8): Power Transfer Loop, Metal, 18" L

- **HID Signo40** (9): Signo 40 Wall Mount Reader, Pigtail Connection, Black with Silver Trim (Replaces R40, RP40)

- **HID Signo 20 SEOS Mullion Keypad** (1): HID 20KNKS-01-000000 Signo 20K Mullion Keypad Reader, Seos Profile, OSDP/Wiegand, Pigtail, Mobile Ready, Black/Silver

- **Door Position Sw** (20): Door Position Switch

- **System Sensor HRL** (2): Mfr #HGWL Indoor White Wall-Mount Horn

3.2 Public Works Main Building

Note: No new cameras are specified for this location, as existing cameras meet current requirements. Additional cameras, if needed, will be procured separately per Mississippi Code § 31-7-13.

- **Altronix Trove 2 Assembly** (1): Can, Battery, Unistrut w/Straps, Connectors, Bushings, and 10' Stub-Up

- **Altronix TMV2** (1): Mercury/Vertx Door Backplane for Trove2

- **Altronix EFLOW104NB** (1): 24VDC @ 10 AMP BOARD

- **Altronix ACM8 relay board** (1): 8 channel fused relay board

- **Genetec SY-CLOUDLINK-G2** (1): Genetec Cloudlink-G2

- **Genetec SY-LP1501** (1): Mercury Controller, 2 Reader 2-Input 2-Output, Ethernet

- **Genetec Sy-MR52-S3** (3): Mercury MR52 2-Reader Interface Module, Series 3

- **HID Signo 40 HU-40NKST000** (2): Signo 40 13.56M Reader

- **Genetec ADV-RDR-P-2Y** (7): 2-Year Advantage for Synergis Pro

3.3 Main City Park Building

Cameras

- **Hanwha ANV-7012R** (8): 4MP Vandal Dome Camera, 2.8mm Lens

- **Genetec GSC-OM-P-1C** (8): Professional Camera License

- **Install 3** (20 hours): Labor to Install Cameras

- **Genetec ADV-CAM-P-1Y** (8): Advantage Professional Camera, 1 Year

Access Control

- **Altronix EFLOW104NB** (1): 24VDC @ 10 AMP BOARD

- **Altronix ACM8 relay board** (1): 8 channel fused relay board (board only)

- **Genetec Sy-MP1502** (1): Mercury Controller 2 Reader 8 Input 4 Output, Ethernet

- **Genetec Sy-MR52-S3** (1): Mercury MR52 2-Reader Interface Module, Series 3

- **Door Position Sw** (3): Door Position Switch

- **RCI TJ10** (3): 8310 Top Jamb Z Kit, 626

- **RCI- 8310** (3): 1500LB Maglock with Door Status

- **RCI RU-FB0428** (3): Maglock Filler Bar

- **3/4 EMT** (30 ft): Conduit, 3/4" EMT Empty per Foot

- **Hellerman 211-60007** (8): Plastic P-Clamps, 1"

- **Thomas & Betts 52151 1/2** (3): Steel 4 in. Square Outlet Box

- **Thomas & Betts 52 C 13** (3): Square Device Cover, Steel, 1/2 in. Raised

- **Honeywell IS310WH REX** (3): White REX Motion Detector

- **Securitron - EEB2** (3): Securitron EEB2 Pushbutton Timer

- **HID Signo40** (3): Signo 40 Wall Mount Reader, Pigtail Connection, Black with Silver Trim (Replaces R40, RP40)

3.4 Old Brandon Road Well

Access Control

- **Altronix Trove 1 Assembly** (1): Can, Battery, Unistrut w/Straps, Connectors, Bushings, and 10' Stub-Up

- **Altronix EFLOW104NB** (1): 24VDC @ 10 AMP BOARD

- **Altronix ACM4** (1): Access Power Control Board 4 Fused Outputs

- **Genetec Sy-MP1502** (1): Mercury Controller 2 Reader 8 Input 4 Output, Ethernet

- **HID Signo 20K Keypad Mullion Pigtail** (2): Signo 20K Keypad Mullion Pigtail Reader, 125 kHz, 13.56 MHz and 2.4 GHz, OSDP/Wiegand, Mobile Ready, Pigtail, Standard and Configuration, Black with Silver Trim

- **Alarm Controls TS-12** (2): Single Gang DPDT Vandal Exit Button with Timer, TS-12302

- **SDC 1575DEU** (2): Single Weatherized Magnetic Gate Lock, 1200lbs, 630, DPS, BAS

- **SDC 1576-MP** (1): Gate Armature Mounting Plate, 1/4" 2-1/2" 8-11/16"

- **SDC 1576-ZB** (1): Gate Lock Mounting Kit for 1576

- **RCI RU-FB0428** (1): Maglock Filler Bar

- **RCI TJ71 28** (1): Top Jamb Bracket for 8371, Brushed Aluminum

- **Genetec ADV-RDR-P-2Y** (2): 2-Year Advantage for Synergis Pro

Cameras

- **Axis Q1805-LE** (1): 2MP Bullet Camera with 32x Zoom

- **Genetec ADV-CAM-P-3Y** (1): Advantage for 1 Omnicast Pro Camera, 3 Years

- **Genetec GSC-OM-P-1C** (1): Professional Camera License

- **Axis 1450mm Steel Straps** (1): 1 Pair, 1450mm Steel Pole Mount Straps

- **Axis T91B47** (1): Pole Mount for 50-150mm

- **Axis T91E61** (1): Wall Mount Arm with Dual Cam Mount

3.5 Center City Drive Well

- **Altronix Trove 1 Assembly** (1)

- **Altronix EFLOW104NB** (1): Can, Battery, Unistrut w/Straps, Connectors, Bushings, and 10' Stub-Up, 24VDC @ 10 AMP BOARD

- **Altronix ACM4** (1): Access Power Control Board, 4 Fused Outputs

- **Genetec SY-LP1501** (1): Mercury Controller, 2 Reader, 2-Input, 2-Output, Ethernet

- **Genetec SY-MR52-S3** (1): Mercury MR52 2-Reader Interface Module, Series 3

- **HID Signo 20K Keypad Mullion Pigtail** (3): Signo 20K Keypad Mullion Pigtail Reader, 125 kHz, 13.56 MHz and 2.4 GHz, OSDP/Wiegand, Mobile Ready, Pigtail, Standard and Configuration, Black with Silver Trim

- **Alarm Controls TS-12** (3): Single Gang DPDT Vandal Exit Button with Timer, TS-12302

- **SDC 1575DEU** (3): Single Weatherized Magnetic Gate Lock, 1200lbs, 630, DPS, BAS

- **SDC 1576-MP** (2): Gate Armature Mounting Plate, 1/4" 2-1/2" 8-11/16"

- **SDC 1576-ZB** (2): Gate Lock Mounting Kit for 1576

- **RCI RU-FB0428** (1): Maglock Filler Bar

- **RCI TJ71 28** (1): Top Jamb Bracket for 8371, Brushed Aluminum

- **Axis 1450mm Steel Straps** (1): 1 Pair, 1450mm Steel Pole Mount Straps

- **Axis T91B67** (1): Pole Mount for 3737

- **Axis T94N01D** (1): Pendant Kit for 3737 PLE

- **Axis P3737-PLE** (1): Multidirectional Panoramic 4x5MP Camera

- **Genetec ADV-RDR-P-3Y** (3): 3-Year Advantage for Synergis Pro

- **Genetec ADV-CAM-P-3Y** (1): Advantage for 1 Omnicast Pro Camera, 3 Years

- **Genetec GSC-OM-P-1C** (1): Professional Camera License

3.6 Public Works McKay Circle

Door Access

- **Altronix EFLOW104NB** (1): 24VDC @ 10 AMP BOARD

- **Altronix ACM8 relay board** (1): 8 channel fused relay board (board only)

- **Genetec Sy-MP1502** (1): Mercury Controller 2 Reader 8 Input 4 Output, Ethernet

- **Genetec Sy-MR52-S3** (1): Mercury MR52 2-Reader Interface Module, Series 3

- **Door Position Sw** (4): Door Position Switch

- **HID Signo 20K Keypad Mullion Pigtail** (4): Reader, 125 kHz, 13.56 MHz and 2.4 GHz, OSDP/Wiegand, Mobile Ready, Pigtail, Standard and Configuration, Black with Silver Trim

- **RCI- 8310** (4): 1500LB Maglock with Door Status

- **REX no touch button** (4): Not required to be brand specific

- **REX OTD Motion** (4): Not required to be brand specific

Cameras

- **Hanwha XND-8081RV** (1): Hallway

- **Axis P3737-PLE 5MP** (1): Refueling Ext Cam 1

- **Hanwha XND-8081RV** (1): Tool Room

- **Hanwha XNF-9010RV** (1): Tubing Storage

- **Axis P3737-PLE 5MP** (1): Warehouse Admin Bldg

- **Axis P3737-PLE 5MP** (1): Warehouse Ext

- **Axis P3737-PLE 5MP** (1): Warehouse Ext Cam 2

Security System

- **Bosch B5512** (1): Intrusion Panel

- **Bosch DS939** (2): Motion Detector, 360° Ceiling Mount

- **Bosch ISC-BPR2-W12** (2): Motion Detector, 40ft

- **Bosch B915** (2): Basic Door Keypad

- **Bosch B520** (1): Auxiliary Power Supply Module, 2A 12V

- **Bosch B426** (1): Ethernet Communication Module

4. Vendor Requirements

- **Experience**: Minimum 2 references for similar projects.

- **Cost Proposal**: Breakdown of hardware, software, installation, and maintenance costs, using the specified equipment from the provided list and any additional supplies required for installation and integration, per Mississippi Code § 31-7-13.

- **Warranty and Support**: Minimum 1-year warranty and support plan.

- **Compliance**: Proof of adherence to technical and regulatory requirements, including use of specified brand-specific equipment and integration with the Genetec system.

5. Evaluation Criteria

- Technical Compliance (including adherence to specified equipment and Genetec integration): 40%

- Cost Competitiveness: 20%

- Vendor Experience and Support: 40%

6. Project Timeline

- RFP Release: June 4, 2025

- Public Advertisement: June 11–25, 2025

- Proposal Submission Deadline: June 27, 2025

- Public Proposal Opening: June 30, 2025

7. Submission Instructions

- Submit proposals electronically by emailing fhutton@cityofpearl.com; or by mail or hand delivery to C/O City Clerk 2420 Old Brandon Road, Pearl MS 39208 by 5:00 PM CDT on or before June 27, 2025.

    o The RFP will be advertised per Mississippi Code § 31-7-13(c) in a newspaper of general circulation from June 11–27, 2025.

    o Proposals will be opened publicly on June 30, 2025, at 10 am in the City of Pearl City Hall Board Room, 2420 Old Brandon Road, Pearl, MS 39208, with records available per the Mississippi Public Records Act.

- Include specifications, cost breakdown, and references, confirming use of specified brand-specific equipment and integration with the Genetec system.

- Questions may be directed to the City of Pearl Information Technology Director, Frank Hutton by emailing fhutton@cityofpearl.com.

8. Contact Information

- City of Pearl, Information Technology Department

- Email: fhutton@cityofpearl.com

- Phone: (601) 863 3227

- Address: 2420 Old Brandon Road, Pearl, MS 39208