

Constant Technologies has reviewed the request for proposal and is capable of designing, fabricating and installing a turn-key solution that will meet and exceed the project requirements of providing an innovative and cost-effective solution.



Constant Technologies has set an industry standard in the design, planning, fabrication and installation/integration of mission critical and high-tech environments. Our technical expertise includes: facility space planning, furniture and audio-visual design / engineering, fabrication and integration.

Constant Technologies' specialists work in all industries across the global in supporting technology requirements. During our company history, spanning more than three decades, Constant Technologies has a rich history of on time completion, within budget and to the satisfaction of our customer and end users. References are available upon request.

Thank you for providing Constant Technologies the opportunity to be a part of your project.

Sincerely,

Dan Kment

Senior Vice President

Constant Technologies, Inc.



PROJECT MANAGEMENT:

Constant will provide multiple layers of project management throughout the project:

- Dedicated Project Manager to attend project meetings via phone/web meetings
- Engineers and Project Managers to view the site at critical design and construction milestones
- On-site supervisor and project manager to be present at all times during installation, testing, commissioning & training

SYSTEM DESIGN:

Constant shall provide design support across multiple engineering and technical disciplines to develop the audiovisual solution. System design will provide, but not limited to, the following services:

- Technical audio-visual designs through CAD drawings for coordination with architectural, mechanical, and electrical project elements.
- Conduit, blocking, electrical outlet locations, structural support when required
- AV rack elevations detailing equipment
- HVAC & Power requirements
- Cable-pull documentation

INSTALLATION:

Constant's install team is trained and experienced in every aspect of mission-critical installation. Our values are carried out from the initial introduction through the completion of the project.

- A/V Equipment delivery schedule to be coordinated ahead of delivery date.
- Constant will provide personnel (current quotation has set a rate of non-union) to accept deliveries of materials supplied in SOW upon site readiness.
- Constant Technologies shall provide installation labor and site supervision to install the AV components.
- Constant will provide an in-depth training session(s) and will develop schedule training sessions for after the initial installation as required for relevant parties and divided up by general-user training and administrative-user training sessions for all parties.

TYPICAL CUSTOMER RESPONSIBILITIES:

- All High Voltage 120/240v electrical circuits needed for the equipment in the AV rack and for wall mounted displays.
- Cable paths from AV rack to the room and ceiling and any conduit required.
- All IT equipment for computer sources including desktop displays.
- Network drops required for all AV/IT equipment
- Network design and installation for client IT and telephone systems
- Pull all cables (provided and spec'd by CTI) that leave the furniture or rack (infrastructure cabling) including but limited to speaker wire, CAT6, fiber, microphone and control cables.
- Floor cut outs completed by local flooring contractor and are located according to our floor cut out plans
- Provide dumpster or other provisions to dispose of console packing debris and trash generated from customer purchased products
- Elevator available exclusively at no cost (when needed)



Scope of Work

Constant Technologies will provide a complete turnkey AV solution, including design, installation, programming, commissioning, and training for a video wall system and associated audiovisual infrastructure. The system will include complete documentation, user manuals, and post-installation support.

Video Displays

6x2 Planar Clarity Matrix LX55M-L video wall with 0.8mm combined bezel, 1) Spare display and controller included

Video Processing & Distribution

Haivision MCS Alpha Video Processor supporting the following input sources:

- (8) Feeds from rack content PCs (2 quad-output PCs)
- (5) Workstation feeds via dual input encoders
- (1) Barco ClickShare (up to 2 wireless laptop connections)
- (1) Microsoft Surface Hub 50"
- (2) Owner-furnished Cable TV tuners
- (3) Content PC feeds routed to (2) 2x2 video wall arrays for failover

User Interface & Control

- (1) Microsoft Surface Pro tablet
- (1) Microsoft Surface Hub 50"
- Dedicated air-gapped AV control and video streaming network

Audio

- Centralized audio processor for source routing
- Amplification and ceiling-mounted speakers for one discrete audio zone
- Audio from encoded PC/laptop sources not included (can be added upon request

Rack & Cabling

- (1) 44RU AV rack
- Optional Automatic Transfer Switch for power redundancy
- UPS units available upon request
- All required cabling, accessories, and hardware included
- Assumes displays are within 200 feet of AV rack



Service & Support

- 1-Year Constant Uptime Premier Support: 24/7 service, dedicated line, 48-hour onsite response (Tier 1)
- 1-Year Haivision Standard Support: hardware coverage, software updates

Customer-Furnished Equipment

- All workstation PCs, monitors, and peripherals
- (2) Quad-output rack content PCs (small format recommended)
- (2) Rack-mounted Cable TV tuners

**Constant Technologies reserves the right to adjust prices to reflect the impact of any tariffs or duties imposed after the date of this proposal.



CONSTANT TECHNOLOGIES Standard Payment Terms (taxes excluded unless otherwise noted):

50% due upon order placement | 50% due upon installation

Purchase Orders: Please send all purchase orders to orders@constanttech.com

Payments: All payments should be directed to finance@constanttech.com



Headquarters Address:

125 Steamboat Avenue North Kingstown, RI 02852 Office Phone: (401) 294-7171 Fax Number: (401) 294-7505 Website: www.constanttech.com

GSA Contract # GS-03F-073GA Federal Tax ID# 22-2503954 Dun & Bradstreet# 04-933-5102

NAICS Code: 334310 Cage Code: 1MDG8

Company Type: Corporation State of Incorporation: New Jersey Date of Incorporation: October 24, 1983



Premier Service & Support



- Unlimited phone and email support on service issues
- Forty-eight (48) hour response time to be on-site after initial troubleshooting of an emergency warrants necessity
- Management and logistics of manufacturer warranties for all supported equipment
- Maintenance of records for faults and service visits
- Complete functional test of all replacement equipment

Remote Support

Constant Technologies will provide the client unlimited telephone and email support concerning all supported equipment. Telephone and email support are available during Constant Technologies' normal business hours, 9 am- 5 pm ET, Monday through Friday, excluding Bank and Statutory holiday periods. Constant Technologies will provide technicians and/or engineers to troubleshoot any issues with the supported equipment. Our technicians have intimate knowledge of the system designs and equipment built into the client's system and insight into issues that may occur throughout a system's lifetime.

On-Site Support

After initial remote troubleshooting has determined that a situation cannot be remedied remotely, Constant Technologies will schedule an on-site technician within forty-eight (48) hours. The client will be responsible for supporting Constant with troubleshooting. Constant Technologies will manage the RMA process through the manufacturer if the equipment is covered under a manufacturer warranty. For equipment that falls outside of the manufacturers' warranty, Constant will provide a proposal for recommended equipment, labor, and services.



PUBLIC SAFETY (PARTIAL LIST)

Amarillo TX Real-Time Crime Center Athens-Clark, GA Real-Time Crime Center Aurora, IL Critical Incident Intelligence Center 911 Center Special Operations Group Chief's Conference Room Mobile Command Center Fire Station backup Center Chandler, AZ Real-Time Crime Center Charlotte County, VA Real-Time Crime Center Chesterfield VA Real-Time Crime Center Chicopee, MA Real-Time Crime Center Collier County, FL Real-Time Crime Center Georgia Dept of Corrections Over Watch Operations Center Glendale, CA Real-Time Crime Center Indian River, FL Real-Time Crime Center Harrison County, MS Real-Time Crime Center High Point, NC Real-Time Crime Center Kyle, TX Real-Time Crime Center

PUBLIC SAFETY (PARTIAL LIST)

Lee County, FL Real-Time Crime Center Maui, HI **Emergency Operations** Center Miami Beach FL Real-Time Crime Center Miami Dade FL South-East Fusion Center Milford, CT Real-Time Crime Center North Charleston, SC Real-Time Crime Center North Kingstown, RI Dispatch Control Room Ontario CA Real-Time Crime Center Providence, RI Real-Time Crime Center Rogers, AR Dispatch Control Room Sandy Springs GA Real-Time Crime Center Sarasota, FL Real-Time Crime Center Spokane, WA Real-Time Crime Center Stanislaus County, CA Real-Time Crime Center Tulsa, OK Real-Time Crime Center Winston-Salem, NC

AXON FUSUS Centers London, England Atlanta, GA

Real-Time Crime Center

OTHER NOTABLE EXPERIENCE (Partial List)

Akamai Blue Origin **Buckley Space Force Base** Carnival Central Intelligence Agency Citi Con Edison CVS Health Edwards Airforce Base Elmendorf Air Force Base Fidelity Investments Fort Gordon Fort Meade **GE** Healthcare Genuity Glenfarne Globalstar Guident The Home Depot Lackland Air Force Base Lockheed Martin MacDill Air Force Base Meta **NASA** Naval War College Northrop Grumman Nellis Airforce Base Peterson Air Force Base Robins Air Force Base Schlumberger Schriever Space Force Base **SES Space Operations** The Pentagon Vandenburg Air Force Base Yokota Air Force Base

Las Cruces, NM

Real-Time Crime Center













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