

GMIA Video Surveillance System Upgrade Project Pre-Qualification Meeting

July 7, 2015



GMIA Video Surveillance

Team Members and Roles

Mike Keegan – Lead/User

Tim Kipp – Project Manager

Chris Lukas – Facility Management - User

IT – Network Resource/Maintenance

Kathie David or designee – Operations User

Jeff Trapp – Airport Ops Manger Landside–
User

Tony Burger – Future Maintenance Team

Ed Rooney – TSA Representative - User

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Team Members and Roles

Deputy Director (Vacant)– Policy Assistance

Mark Phillips-CBDP

Dave Caputo-Faith Group (Project Manager)

Chris Schmidt-Schmidt Building Co. (CM)

Other Users – MCSO, Noise Department,
SPPLUS, Fire Department, CBP

Background

- Project is funded under the Transportation Security Administration's (TSA) "Other Transaction Agreement" (OTA) program.
- The OTA, also known as the TSA's Advanced Surveillance Program (ASP), allows airports to apply for funding to enhance surveillance and security systems.
- February 2011 - Faith Group worked with GMIA and TSA representatives to prepare and submit the ASP request documentation.
- September 2013 - TSA OTA approved for this project.
- October 2014 – Design process started.
- July 2015 – Pre-qualify Contractors/Integrators
- August 2015 – Bid documents available

Existing Conditions

- Video Surveillance System
 - Analog Matrix Switcher with Digital Video Recorders
 - Several smaller standalone systems
 - Mix of IP and analog camera technology
 - Existing cameras will be connected/encoded to new system
- Local Area Network
 - 3 separate LANs
 - Mix of 2 and 3 tier networks
 - Isolated by function/system
 - Existing networks shall remain in place

Existing Conditions

- Telecommunication Rooms
 - Mix of TR's and Electrical Rooms
 - Upgrade some existing TR's, no new TR's
- Cabling Infrastructure
 - Existing cameras: Cat 5E, 6 and coaxial
 - Backbone: Multi-mode and singlemode fiber
 - Existing cabling will be used
 - Existing underground conduits will be used and extended to remote buildings

Scope of Work

- New Video Surveillance System
 - IP-based cameras, PoE
 - Video Management Software utilizing Multi-Cast protocols and support centralized recording/storage
 - Ability to utilize web clients and mobile devices
 - Monitoring workstations
 - Encoding of existing analog cameras
 - Integration to existing Access Control System
- New Local Area Network
 - 2 Tier Collapsed Core Architecture
 - 2 Core layer switches, Primary and DR
 - Dual homed access layer switches
 - Cisco branded

Scope of Work

- New Digital Video Storage Array:
 - Support IP-based VMS
 - Utilize Multi-Cast transmission
 - Support IP and analog cameras
 - EMC branded
 - Redundant configuration
- Infrastructure Upgrades:
 - Outside Plant (underground conduits, handholes and fiber optic cabling)
 - Inside Plant (conduit and cabling to support new cameras, workstations and monitors)
 - Power: emergency branch circuits, UPS

Scope of Work

- Architectural Upgrades and Modifications
 - Ceiling modifications
 - Column modifications
- Test Lab
 - Non-production environment
 - Duplication of VSS including cameras, VMS software and recorders
 - Standalone LAN including Internet access for downloading of patches and upgrades

Contractor Selection Process

- Two Stage Selection Process
- Stage 1 – Request for Qualification
 - Evaluation of Proposal Statements
 - Development of a short-list of bidders
 - Evaluation Criteria outlined in Appendix A
- Stage 2 – Bid Process
 - Bid documents (drawings and specifications) will be made available to the short-listed bidders
 - Traditional Design-Bid-Build process

Qualification Statement Format

Eight (8) hardcopy statements, 50 single side pages max.

- a. Cover Letter
- b. Table of Contents
- c. Executive Summary
- d. Project Team
- e. Key Staff Experience and Resumes
- f. Contractor/Integrator Qualifications & Past Exper.
- g. Quality Control Approach
- h. Document Security Approach
- i. Cost and Schedule Control Approach
- j. Code of Ethics Requirements
- k. Disadvantaged Business Enterprise Requirements
- l. Financial Capacity and References

Security Requirements

- Sensitive Security Information (SSI)
 - During the Bidding Phase
 - Signed Non-Disclosure Agreement (NDA)
 - Deposit for hardcopy drawings and specifications, to be returned after bid award
 - Documents cannot be duplicated
- Security Badge and Keys
 - After award of the project
 - Contractor employees must be badged according to GMIA policy and procedures
 - Key deposit

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RFQ Schedule

- Issue RFQ – June 24, 2015
- Pre-Qualification Conference – Tuesday July 7 2015
- Final Questions - Due no later than 4:00pm (CST)
Tuesday, July 14 2015
- Final Addendum – Monday, July 20, 2015
- **Qualifications Packets - Due no later than 4:00pm (CST) Monday July 27, 2015**
- Select Pre-Qualified Contractors- Monday, August 3, 2015

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Bid Phase Schedule (Tentative)

- SSI Document Process begins immediately after notice
- Bid Documents sent to Prime Contractor/Integrator once NDA and deposit check received at Faith Group. Week of August 10, 2015
- Pre-Bid Meeting – Week of August 24, 2015
- Bids Due – Week of September 14, 2015
- Construction Notice-to-Proceed – Week of October 19, 2015
- Construction Complete – April, 2017



DATE CENTER LOCATIONS

DBE REQUIREMENTS

are

12.8% Participation of Contractor
Bid

Questions?

Contact Mark Phillips

@

414-278-5104

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Questions/Comments

THANK YOU

MILWAUKEE COUNTY'S



G E N E R A L
MITCHELL
INTERNATIONAL AIRPORT