

## SOLE SOURCE DETERMINATION

The Purchasing Division has been requested to approve a sole source purchase for the commodity or service described below. Pursuant to West Virginia Code 5A-3-10c, the Purchasing Division is attempting to determine whether the commodity or service is a sole source procurement. If you believe your company meets the required experience and qualification criteria stated below, please e-mail the Purchasing Division Buyer at [Tara.L.Lyle@wv.gov](mailto:Tara.L.Lyle@wv.gov) with a copy to [William.M.Sheets@wv.gov](mailto:William.M.Sheets@wv.gov) to express your interest in the project. Please forward any and all information that will support your company's compliance with required qualification and eligibility criteria along with any other pertinent information relative to this project to the Purchasing Division no later than 1:30 PM on 07/23/2012.

**Requisition Number:** MAPSPR01

**Department/Agency:** Department of Military Affairs & Public Safety  
(Fusion Center)

**Detailed Description of Project:** A facial recognition system that stores pictures and videos on a server accessible through specified workers. A system that if a specified individual's photo is put into the system to search, the system will bring you to the exact moment in the videos and/or photos where that person can be found.

**Proposed Sole Source Vendor:** Tygart Technology, Inc.  
1543 Fairmont Avenue  
Fairmont WV 26554

**Specific Eligibility Criteria:** MXServer v2.2 or equal; Ran on 2 dedicated servers; Supports high volumes of video and photo collections; Allows users to: Automatically detect, extract, save, and display faces from videos and photos, enabling a digital media repository to be searched with faces or via a full-text (Google-style) search; Preview and analyze content. Multiple views enable users to quickly review the content of video assets and photo albums; Create a watch list and track and identify individuals of interest using face recognition; Visualize associations between individuals and digital media assets via link diagrams; Quickly convert and process videos by using cloud computing to spread the work across many servers. Must have Digital Media Management like import, process, and store and retrieve video, audio and photo assets of interest to include automated batch processing and batch management. Must have Automated Face Finding, extraction and watch list matching like autonomously process videos and photographs to detect and extract faces to compare these "found faces" with a person of interest. Must have Search with Photo Given a photo or video as input, feature finds other videos and photographs which contain the face of interest. Should include all

of the following components for the base package: MXServer Application Server or equivalent; 4 MXSERVER Workers or equivalent; SQL Server 2008 Standard Edition or equivalent; Other third-party software license (face finding, face recognition, cloud computing environment, operating systems/virtualization software) or equivalent; Two dual quad core servers; 1 GB switch; 12 TB external disk storage. Should include the following Licensing components: 1 MXServer License Base Package (See above specs); 1 SQL Server 2008 Standard; 4 Windows 7 OS (virtualized); 1 Windows 2008 OS (virtualized); 2 DELL R610 or equivalent; 1 Power Connect 2816 Switch or equivalent; 1 Power Vault MD1200 (12 TB) or equivalent; Must include a 3 year software maintenance and support plan with It.

**Specific Qualification Criteria:** Tygart Technologies is the sole source company of MXSERVER.