

III.E.

Memorandum

Department of Planning, Public Works & Parks

To: Mike Herring, CA
mor
From: Mike Geisel, DPPW & P
Date: 2/29/2012
Re: Amphitheater Security Cameras



As you are aware, Public Works and Parks Staff have been working with both the Police Department (PD) and Information Technology (IT) staff in an effort to increase security at the amphitheater. For obvious reasons, including both public safety and vandalism, we desire to place security cameras at various locations around the amphitheater. In addition to security, these cameras offer the future ability to stream live video if the City would elect to offer that type of service.

As you are also aware, the PD and IT have previously collaborated to configure the security system within City Hall, as well as several remote camera locations. All of which are recorded and viewable at the PD records clerk stations. As such, rather than create an entirely separate system, we collectively determined that it would be preferable to simply “add to” the existing City system. This system was installed by a local Chesterfield Company, Visionable Surveillance Solutions in 2007. Both the PD and IT staff have developed a working knowledge of the current system. Visionable has been responsive and competitive in managing our system. The existing client/server software has a proven track record, is stable, and the PD and IT Staff have confidence in the system. When the 2007 security upgrade was purchased, Visionable was the lowest and best bidder by approximately \$7,000.

In order to minimize duplication of systems, hardware, software, space, and to simply use existing hardware and software in lieu of purchasing separate equipment; Staff determined it was in our best interest to simply add security cameras at the Amphitheater into the existing security system backbone. These security outputs are then fed wirelessly back to the City Hall system.

We obtained a proposal from Visionable to design and install the necessary equipment at the City’s amphitheater. A copy of the proposal is attached. **The cost for this equipment and service is \$18,465. The project will be fully funded by proceeds of the Phase Two Park Improvement Financing.** It is our collective recommendation that this additional security is warranted. As required by our purchasing procedures, any purchase in excess of \$5,000 for a sole or proprietary source purchase must be approved by City Council. Accordingly, **I request that this recommendation be forwarded to the Planning and Public Works Committee for review and recommendation to the full City Council.** If you have any questions or require additional information, please advise.

attachment

*Ob'd
JGG 2/29/12*



18161 EDISON AVENUE
SUITE C
CHESTERFIELD, MISSOURI 63005

SURVEILLANCE ESTIMATE

Date	Estimate #
2/22/2012	20123387

Name / Address
City of Chesterfield 690 Chesterfield Parkway West Chesterfield, MO 63017

Ship To
Ampitheater

P.O. NUMBER	TERMS	VALID UNTIL	PROJECT	DEPOSIT
	Due on receipt	3/22/2012	V.1	

Description	Qty
VisionAble's 32-Channel WAVNET™ Video Management System Acts as the Depository for Up to 32-Channels of IP-Based Video Streams. The WAVNET™ VMS Provides Full-Feature DVR Functionality Including Reliable Remote Access To Live and Archived Audio/Video Feeds, Video Analytics and Proactive VMS Health Monitoring. The Scalable Solution Includes: •4TB of Surveillance-Rated Video Storage •LCD 19" Monitor •Keyboard & Optical Mouse •DVD/RW Drive •Rack-Mountable 4U Lockable Case •Smart Power Uninterrupted & Surge Protection Power Supply	1
High-Power, Outdoor Wireless Broadband Access Point/Client Bridge Kit. Complete System Includes Antenna & Power Supply.	4
4MP Indoor Camera with Fish-Eye Len Allowing 360° and 180° Panorama View without any Moving Parts, Dual H.264, MJPEG and MPEG4 Streaming and a Micro SD Card Slot.	1
3.0 Megapixel H.264 IR Vandal Resistant IP Dome Camera	4

	Subtotal
<i>Want Peace of Mind? ...Ask About VisionAble's WAVNET RemoteGuard Service.</i>	Sales Tax (0.0%)
<i>Sales Tax is not included in this estimate and will be invoiced based on payment method.</i>	Total

VISIONABLE ACCEPTANCE: _____ CUSTOMER ACCEPTANCE: _____

I AGREE TO THE TERMS ON THIS ESTIMATE AND INCLUDED ADDENDUM CCSS1209.

Phone #	888.453.6468
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Fax #	636.536.0660
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P.O. NUMBER	TERMS	VALID UNTIL	PROJECT	DEPOSIT
	Due on receipt	3/22/2012	V.1	

Description	Qty
1.3 Megapixel, IK10 Vandal-Proof, Infrared Dome Camera with a 2.7 ~ 9mm Varifocal Lens Shielded by a Transparent Cover, Dual Streaming H.264, MPEG4 & MJPEG, 2-Way Audio (Requires Optional Microphone & Speaker), (1) Dry Contact Sensor Input, (1) Digital Alarm Output, Micro SD/SDHC Slot for Optional Memory Card.	1
Category 5 Data Cable for Video and PTZ Control (1000Ft Spool)	1
5-Port Gigabit Ethernet Switch	2
Outdoor Equipment Enclosure	2
Miscellaneous Hardware and Other Taxable Items.	6
Professional Installation of All Proposed Hardware	21

	Subtotal
<i>Want Peace of Mind? ...Ask About VisionAble's WAVNET RemoteGuard Service.</i>	Sales Tax (0.0%)
<i>Sales Tax is not included in this estimate and will be invoiced based on payment method.</i>	Total

VISIONABLE ACCEPTANCE: _____ CUSTOMER ACCEPTANCE: _____

I AGREE TO THE TERMS ON THIS ESTIMATE AND INCLUDED ADDENDUM CCSS1209.

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Ampitheater

P.O. NUMBER	TERMS	VALID UNTIL	PROJECT	DEPOSIT
	Due on receipt	3/22/2012	V.1	

Description	Qty
WAVNET™ Annual Maintenance Agreement with Automated Proactive WAVNET™ Monitoring, Network Assessment Notification & Precise Resource Dispatching. Maintenance Agreement Includes Telephone Support, Event Archiving Support, Ticket Tracking and Escalations. * VisionAble's WAVNET™ Annual Maintenance Agreement is included for the first year and invoiced annually thereafter. The estimated maintenance price for 2013 is \$1,678.61.	12

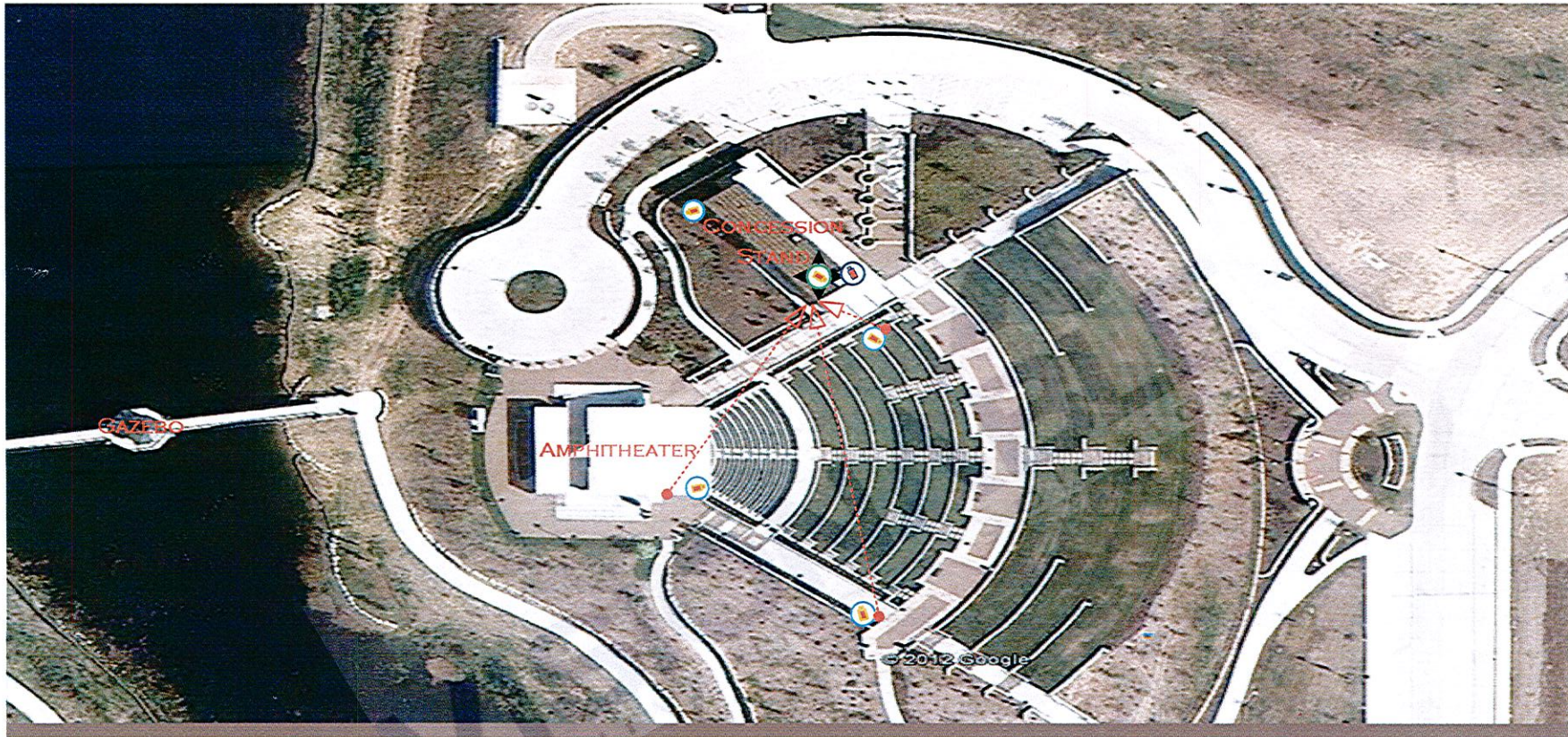
	Subtotal	\$18,464.70
<i>Want Peace of Mind? ...Ask About VisionAble's WAVNET RemoteGuard Service.</i>	Sales Tax (0.0%)	\$0.00
<i>Sales Tax is not included in this estimate and will be invoiced based on payment method.</i>	Total	\$18,464.70

VISIONABLE ACCEPTANCE: _____ CUSTOMER ACCEPTANCE: _____

I AGREE TO THE TERMS ON THIS ESTIMATE AND INCLUDED ADDENDUM CCSS 1209.

Phone #	888.453.6468
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Fax #	636.536.0660
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KEY

-  MEGAPIXEL (MP) CAMERA
-  HIGH-RES DIGITAL CAMERA
-  LICENSE PLATE CAPTURE CAMERA
-  WIRELESS LAN

CAMERA HOUSING SPECIFICATIONS

-  DOME CAMERA HOUSING
-  SEALED-CYLINDER HOUSING

MEGAPIXEL LENS SPECIFICATIONS

-  FISH-EYE LENS
-  1.3 MP
-  2.0 MP
-  3.0 MP
-  4.0 MP
-  5.0 MP

NOTES:

- VERSION 1.0 IS BASED ON THE SITE SURVEY HELD ON 01-26-2012 (PARKS & REC. P.D. & PUBLIC WORKS)
- CONCESSION STAND INTERIOR: (QTY 1) HD MEGAPIXEL DOME CAMERA W/ FISHEYE LENS
 - AMPHITHEATER GROUNDS & GAZEBO: (QTY 4) HD MEGAPIXEL DOME CAMERA W/CLEAR LENS
 - CONCESSION EXT RESTROOMS & WALKWAY (QTY 1) HD MEGAPIXEL DOME CAMERA W/CLEAR LENS
 - MP CAMERAS INCLUDE SHORT-TERM (24 HOURS+) ONBOARD STORAGE AT FULL-RESOLUTION
 - WAVNET™ NVR (LOCAL STORAGE DEVICE) WILL BE LOCATED IN THE CONCESSION STAND CLOSET
 - THE WLAN NETWORK WILL BE INSTALLED AND MANAGED BY VISIONABLE
 - THE PRIMARY WIRELESS FEED TO THE P.D. WILL USE THE EXISTING WIRELESS NETWORK
 - ANY CHANGES WILL NEED TO BE APPROVED BY CLIENT. THE SPECIFIC MOUNTING LOCATION AND/OR FIELD-OF-VIEW (FOV) MAY CHANGE BASED ON POWER, NETWORK ACCESS AND/OR UNKNOWN OBSTRUCTIONS.

DESIGN PREPARED BY: _____ DISCOUNT REFERENCE: CURRENT CLIENT ACCEPTED BY: _____
PROJECT MANAGER: _____ DISCOUNT APPROVED BY: _____