

AN ORDINANCE 2009-05-21-0415

AWARDING A CONSTRUCTION CONTRACT IN THE AMOUNT OF \$888,995.00 TO HIGH SIERRA ELECTRONICS, FOR THE CITY HIGH WATER DETECTION SYSTEM/EARLY FLOOD WARNING SYSTEM EXPANSION PROJECT, AN AUTHORIZED GENERAL OBLIGATION DRAINAGE IMPROVEMENT BOND FUNDED PROJECT, LOCATED CITY WIDE.

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WHEREAS, the High Water Detection System (HWDS) activates flashing warning lights depending on the water level at the low water crossing and the Early Flood Warning System (EFWS) measures the amount of rainfall throughout the City in real-time data through the use of rain gauges or stream gauges; and

WHEREAS, the Public Works Department maintains 29 locations throughout the City that are monitored from (HWDS) / (EFWS) base stations; and

WHEREAS, the HWDS and EFWS have been in operation for over 15 years and many of their components were in need of repair or replacement; and

WHEREAS, Ordinance No. 99679 approved on September 9, 2004 selected High Sierra Electronics to assist in the conversion, restoration and merger of the existing HWDS and EFWS, which monitors the 29 sites in operation, into one system; and

WHEREAS, fifty-three (53) remote locations with rain gauge or stream gauge to communicate with existing HWDS will be added, and the installation of high water detection systems with flashing lights at an additional 9 locations; and

WHEREAS, this Ordinance accepts the lowest responsive bid submitted by **High Sierra Electronics** in the amount of \$888,995.00 and authorizes payment in the amount of \$62,230.00 Capital Administrative Costs, \$44,680.00 for Project Contingency, \$3,520.00 for Design Costs, \$500.00 for Advertising Expenses and \$75.00 for Environmental Costs; and

WHEREAS, approval of this Ordinance will be a continuation of City Council policy to complete previously approved 2007 General Obligation Drainage Improvement Bonds Projects; **NOW THEREFORE**,

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF SAN ANTONIO:

SECTION 1. The lowest responsive bid of **High Sierra Electronics** in the amount of \$888,995.00 in connection with the City High Water Detection System/Early Flood Warning System Expansion Project is hereby accepted. All other bids will be considered rejected upon the execution of a contract by the successful bidder and the deposit of all required

bonds and insurance certificates or the expiration of ninety (90) days from the effective date hereof, whichever occurs first.

SECTION 2. The City Manager or her designee is hereby authorized to enter into a contract covering said Project.

SECTION 3. The following financial adjustments are hereby approved:

- a) The budget in SAP Fund 45099000, General Obligation Capital Projects, SAP Project Definition 40-00056, High Water Detection/Early Flood Warning shall be revised by increasing/decreasing the SAP WBS Elements as follows:

WBS NO.	WBS NAME	G/L	G/L NAME	CURRENT PLAN VERSION 0 (Optional)	PLAN VERSION 0 REVISION/ Appropriation	REVISED PLAN VERSION 0 (Optional)
40-00056-01-02	Design Cost	5201040	Fees to Prof Contr	0.00	520.00	520.00
40-00056-01-02-01	City Design	5201170	Engineering Fees	75,300.00	-75,300.00	0.00
40-00056-01-04	Design Capital Administrative Costs	5402010	Cap Prog Admin Costs	5,271.00	-3,771.00	1,500.00
40-00056-01-05	Program Management	5201040	Fees to Prof Contr	20,000.00	-18,500.00	1,500.00
40-00056-01-06	Design Enhancement	5201040	Fees to Prof Contr	10,000.00	-10,000.00	0.00
40-00056-04-01	Environmental Cap Admin	5402010	Cap Prog Admin Costs	2,578.00	-2,503.00	75.00
40-00056-04-02	Environmental Costs	5201040	Fees to Prof Contr	5,781.84	-5,781.84	0.00
40-00056-05-01	Construction Advertising	5203040	Advertising & Publications	0.00	500.00	500.00
40-00056-05-02-01	Construction costs	5201140	Construction Cost	578,184.19	310,810.81	888,995.00
40-00056-05-04	Construction Capital Administrative	5402010	Cap Prog Admin Costs	40,472.89	21,757.11	62,230.00
40-00056-05-06	Project Contingency	5201140	Construction Cost	262,412.08	-217,732.08	44,680.00
TOTALS				1,000,000.00	0.00	1,000,000.00

- b) A contract has been awarded in the amount of \$885,995.00 from SAP Fund 45099000, General Obligation Capital Projects, SAP Project Definition 40-00056, High Water Detection/Early Flood Warning and is authorized to be encumbered and made payable to High Sierra Electronics for services related to the High Water Detection System/Early Flood Warning System.

SECTION 4. The financial allocations in this Ordinance are subject to approval by the Director of Finance, City of San Antonio. The Director of Finance may, subject to concurrence by the City Manager or the City Manager's designee, correct allocation to specific SAP Fund Numbers, SAP Project Definitions, SAP WBS Elements, SAP Internal Orders, SAP Fund Centers, SAP Cost Centers, SAP Functional Areas, SAP Funds Reservation Document Numbers, and SAP GL Accounts as necessary to carry out the purpose of this Ordinance.

SECTION 5. This Ordinance shall take effect on the tenth day after passage.

PASSED AND APPROVED this 21st day of May, 2009.



M A Y O R

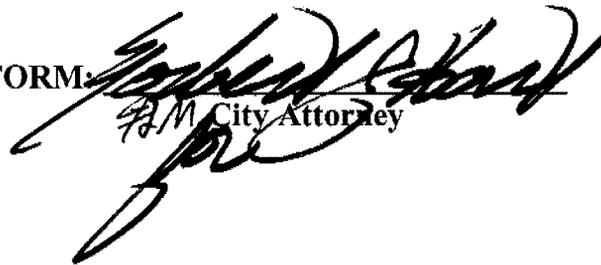
PHIL HARDBERGER

ATTEST:



City Clerk

APPROVED AS TO FORM:

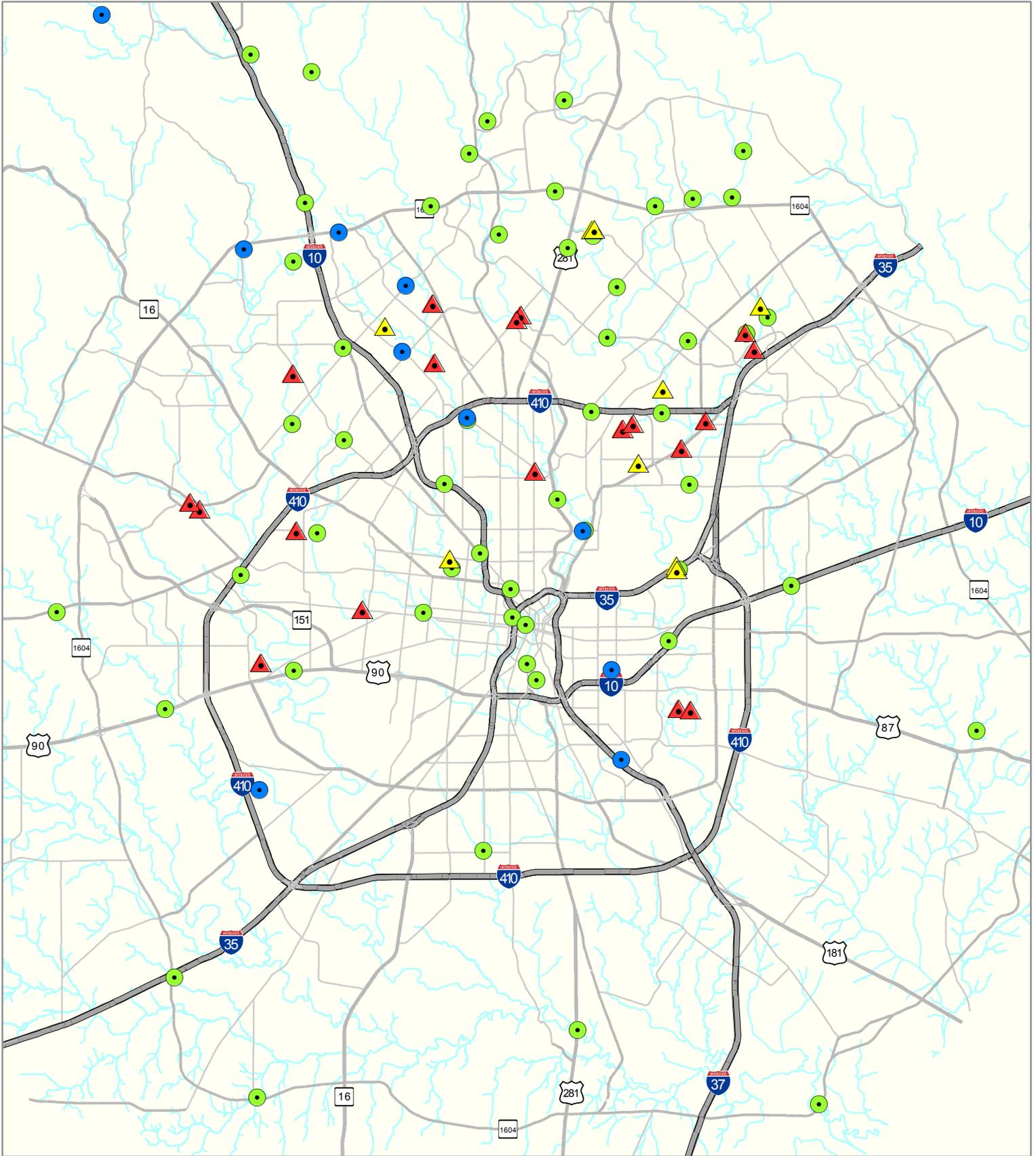


City Attorney

Agenda Item:	19						
Date:	05/21/2009						
Time:	05:37:53 PM						
Vote Type:	Motion to Approve						
Description:	An Ordinance authorizing a total project amount of \$1,000,000.00, including a construction contract in the amount of \$888,995.00 to High Sierra Electronics, for the City High Water Detection System/Early Flood Warning System Expansion Project, an authorized General Obligation Drainage Improvement Bond funded project, located City wide. [Sharon De La Garza, Assistant City Manager; Majed A. Al Ghafry, Director, Public Works]						
Result:	Passed						
Voter	Group	Not Present	Yea	Nay	Abstain	Motion	Second
Phil Hardberger	Mayor		x				
Mary Alice P. Cisneros	District 1		x				
Sheila D. McNeil	District 2		x				
Jennifer V. Ramos	District 3	x					
Philip A. Cortez	District 4		x				x
Lourdes Galvan	District 5		x				
Delicia Herrera	District 6		x				
Justin Rodriguez	District 7		x				
Diane G. Cibrian	District 8		x			x	
Louis E. Rowe	District 9		x				
John G. Clamp	District 10		x				

City of San Antonio

Automated Local Evaluation in Real Time System (ALERTS)



ALERTS Components

- Existing High Water Detection System (HWDS) (Red Triangle)
- Existing Early Flood Warning System (EFWS) (Blue Circle)
- Proposed HWDS (Yellow Triangle)
- Proposed EFWS (Green Circle)

Produced By: Robert McGarraugh, GISP
Robert.McGarraugh@sanantonio.gov
May, 2009
Source: City of San Antonio
Storm Water Operations

