



Travis County Commissioners Court Agenda Request

Meeting Date: July 16, 2013

Prepared By/Phone Number: Lori Clyde/854-4205

Elected/Appointed Official/Dept. Head: Cyd Grimes

Commissioners Court Sponsor: Judge Biscoe

Agenda Language: Approve Modification No. 4 to Contract No. 4400000245 (H.T.E. Contract No. CM070274LC), High Sierra Electronics, Inc., for the Flood Warning System.

- **Purchasing Recommendation and Comments:** Purchasing concurs with department and recommends approval of requested action. This procurement action meets the compliance requirements as outlined by the statutes.

In November 2007, Commissioners Court approved the contract for a flood warning detection system on Hamilton Pool Road. It actively monitors the water level of the Pedernales River as it flows underneath Hamilton Pool Road. The system automatically contacts Travis County officials and activates four flashing beacon warning signs when the water levels rise above the roadway. The radio communication equipment has become outdated and is in need of repairs and upgrading. This modification will provide for an upgraded communication and notification system as well as improve reliability.

Upon reviewing the estimate and Scope of Work received from High Sierra Electronics, TNR recommends approval of the modification to High Sierra Electronics, Inc. for the upgrade and restoration of the flood warning detection system. As part of this modification, the maintenance support will be suspended and then reinstated once the system is in working order and fully operational. The cost of the upgrade is \$24,970. After reinstatement of the maintenance, the cost for the maintenance support will be \$15,587.18 with a 2.5% cap on increases for future renewals.

Modification No. 3 approved by the Purchasing Agent April 22, 2010, added equipment to the maintenance agreement.

AGENDA REQUEST DEADLINE: All agenda requests and supporting materials must be submitted as a pdf to agenda@co.travis.tx.us by Tuesdays at 5:00 p.m. for the next week's meeting.

Modification No. 2 approved by the Purchasing Agent June 10, 2008, removed/added equipment and services.

Modification No. 1 approved by the Purchasing Agent March 24, 2008, removed/added equipment and services.

➤ **Contract Expenditures:** Within the last ____ months \$0.00 has been spent against this contract/requirement.

➤ **Contract Modification Information:**

Modification Amount: \$24,970.00

Modification Type: Upgrade

Modification Period: Beginning July 16, 2013

➤ **Funding Information:**

SAP Shopping Cart #: 1000021802

Funding Account(s):

Comments:



TRANSPORTATION AND NATURAL RESOURCES DEPARTMENT

STEVEN M. MANILLA, P.E., COUNTY EXECUTIVE

700 Lavaca Street, 5th Floor.
P.O. Box 1748
Austin, Texas 78767
Phone (512) 854-9383
Fax (512) 854-4626

June 17, 2013

MEMORANDUM

TO: Marvin Brice, Assistant Purchasing Agent

FROM: Steven M. Manilla, P.E., County Executive

SUBJECT: Modification to Flood Warning System Contract No. 4400000245 (H.T.E. Contract No. CM070274LC).

TNR request the Purchasing Department to place the following motion on the Commissioners Court Agenda:

Approve Modification No. 4 to Contract No. 4400000245 (H.T.E. Contract No. CM070274LC), High Sierra Electronics, Inc. for Flood Warning System.

Background

The flood detection system on Hamilton Pool Road actively monitors the water level of the Pedernales River as it flows underneath Hamilton Pool Road. This system was installed in 2007 and automatically contacts Travis County officials and activates four flashing beacon warning signs when the water levels rise above the roadway. The radio communication equipment has become outdated and is in need of repairs and upgrading. This modification will provide for an upgraded communication and notification system as well as improve reliability.

Summary and Recommendations

Upon reviewing the estimate and Scope of Work received from High Sierra Electronics, TNR finds the modification to be complete and fair. TNR recommends approving the modification to High Sierra Electronics, Inc. for the upgrade and restoration of the flood detection alert system so that it is again in working order and fully operational, in accordance with the Contract requirements.

Budget and Funding

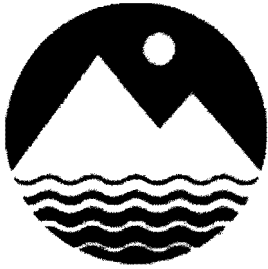
The modification amount totals \$24,970. Funds have been pre-encumbered on shopping cart number 1000021802.

If you need additional information, please call David Greear at extension 47650.

DG:dg

Attachments:
Scope of Work
Quote

cc: Cyd Grimes, Purchasing Agent
Lori Clyde, Construction Procurement Specialist
Donald W. Ward, P.E., Assistant Public Works Director, Road and Bridge
Cynthia McDonald, Financial Division Manager
Donna Williams-Jones, Senior Financial Analyst



High Sierra Electronics
 155 Spring Hill Drive, Suite 106
 Grass Valley, California 95945-5929
 Ph: 800-275-2080
 Ph: 530-273-2080
 Fx: 530-273-2089

Quotation

Date	Quote #
1/4/2013	130103

Travis County Auditor
 P.O. Box 1748
 Austin, TX 78767

Quote Valid
60 Days

TERMS	FOB	Phone:	Fax:	S Rep	Office	Est. Ship
Net 30	Grass Valley	(512) 854-7650		EG/FG	Gulf	90 Days ARO

ITEM#	MODEL#	DESCRIPTION	QTY	PRICE	TOTAL
		Proposal to restore Travis County TNR Flood Warning System			
1.0		Replacement gauging panel at LCRA Bubbler site			
1.1	Equipment	L-Panel assembly, includes: RUG5AMDL1- CPU, 2 Line Display, 4AI, 8DI, 4DO, Modem, Mounted on L-Panel with Solar Charger	1	3,255.00	3,255.00
1.2	4004-00	Output Converter; 4-20mA to 0-5V; (Wired into L- panel)	1	100.00	100.00
1.3	Equipment	3S VHF-C 12.5kHz, 5 Watt data radio (Wired into L- panel)	1	1,698.00	1,698.00
1.4	5611-00	Sealed Gel Cel Battery; MK-27, (12V/100A)	2	310.00	620.00
		Subtotal - Bubbler Site			5,673.00
2.0		Replacement Radios for Advanced Warning Sites & Bell Springs Tower Master			
2.1	Equipment	3S VHF-C 12.5kHz, 5 Watt data radio	5	1,698.00	8,490.00
2.2	Equipment	TNC-M to N-Type-M RF output cable	5	60.00	300.00
		Subtotal - Radio upgrade			8,790.00
3.0		Services			
3.1	Service	Remove L-Panels from Advanced Warning Sites & Bell Springs Tower Master. Package and ship to HSE.	1	1,500.00	1,500.00

TOTAL



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ITEM#	MODEL#	DESCRIPTION	QTY	PRICE	TOTAL
3.2	Service	Modify returned equipment to mount, wire, program and system test new radio communications system.	40	85.00	3,400.00
3.3	5462-00	HSE Field Technician re-install modified equipment, terminate wiring and test locally. On-site estimate is based on one HSE Field Technician over a 2-day period. The completion of commissioning signifies the start of the warranty period. Includes travel and sustenance based on completion of work during a single trip. Add \$1,070 for each additional day. Other services available upon request.	1	3,320.00	3,320.00
		Subtotal - Services			8,220.00
		Subtotal - Restore System			22,683.00
4.0		Recommended spares			
4.1	Equipment	3S VHF-C 12.5kHz, 5 Watt data radio	1	1,492.00	1,492.00
4.2	5315-01	Solar Charger & Load Control; (10 Amp) w/Maximum Power Point Tracking (MPPT), Overload protection, Night Dimming & Remote setup/monitoring (RS-232).	1	200.00	200.00
4.7	7200-00	Antenna Lightning Protector.	1	95.00	95.00
		Subtotal			1,787.00

TOTAL



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	Est. Shipping	Freight Charges, estimated; (actual charges will be billed)		500.00	500.00

TOTAL	\$24,970.00
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MODIFICATION OF CONTRACT NUMBER: 4400000245 (CM070274LC) –Flood Warning System PAGE 1 OF 5 PAGES

ISSUED BY: PURCHASING OFFICE 700 LAVACA, SUITE 800 AUSTIN, TX 78701	PURCHASING AGENT ASST: Lori Clyde TEL. NO: (512) 854-9700 FAX NO: (512) 854-9185	DATE PREPARED: May 22, 2013
ISSUED TO: High Sierra Electronics, Inc. 155 Spring Hill Drive, Suite 106 Grass Valley, California 95945-5929 Attn: Eric Gibbons	MODIFICATION NO.: 4	EXECUTED DATE OF ORIGINAL CONTRACT: November 6, 2007
ORIGINAL CONTRACT TERM DATES: November 6, 2007–December 31, 2008 (Estimated end date based on acceptance of System)		CURRENT CONTRACT TERM DATES: April 24, 2013 – April 23, 2014

FOR TRAVIS COUNTY INTERNAL USE ONLY:
Original Contract Amount: \$ 87,734.00 Current Modified Amount \$ 134,578.00

DESCRIPTION OF CHANGES: Except as provided herein, all terms, conditions, and provisions of the document, including any amendments ,referenced above as heretofore modified, remain unchanged and in full force and effect.

The above contract is hereby modified per the attached Scope of Work and Quote # 130103 for the upgrade to the Flood Warning System.

Note to Vendor:
 Complete and execute (sign) your portion of the signature block section below for all copies and return all signed copies to Travis County.
 DO NOT execute and return to Travis County. Retain for your records.

LEGAL BUSINESS NAME: _____	<input type="checkbox"/> DBA
BY: _____ SIGNATURE	<input type="checkbox"/> CORPORATION
BY: _____ PRINT NAME	<input type="checkbox"/> OTHER
TITLE: _____ ITS DULY AUTHORIZED AGENT	DATE: _____

TRAVIS COUNTY, TEXAS	DATE: _____
BY: _____ CYD V. GRIMES, C.P.M., CPPO, TRAVIS COUNTY PURCHASING AGENT	

TRAVIS COUNTY, TEXAS	DATE: _____
BY: _____ SAMUEL T. BISCOE, TRAVIS COUNTY JUDGE	



HIGH SIERRA ELECTRONICS, INC.
environmental monitoring solutions

155 Springhill Drive, Suite 106
Grass Valley, California 95945
530.273.2080
Fax: 530.273.2089
www.highsierraelectronics.com

ISO 9001:2008

Travis County ALERT System Scope of Work Quote Reference #130103Re: Contract between Travis County and High Sierra Electronics (“HSE”) to Provide and Maintain Flood Warning System (the “Contract”)

All capitalized terms used but not defined herein shall have the meaning ascribed to them in the Contract.

Overview:

The original project consisted of the installation and maintenance of an Advance Flood Warning system (the “ALERT System”) to inform motorists traveling along Hamilton Pool Rd of impending flooding of the Pedernales River Crossing. During the summer of 2012, the Master gauging station was vandalized and electronic equipment stolen, rendering the ALERT System inoperable. Also, since the original installation the supplied equipment radios are no longer available for replacement. In order to continue the operation of the system, the Master Gauging equipment needs to be replaced and different, readily available radios substituted for all the other sites.

Scope of Work:

The proposed scope of work for Quote # 130103, dated 1/4/2013, is to restore the ALERT System so that it is again in working order and fully operational, in accordance with the Contract requirements. The restoration project will involve the removal of all the field electronic panels, including the Bell Springs Tower repeater. This will be one day’s work for the HSE field technician and will involve the coordination of access to the Bell Springs Tower site. At HSE’s expense, the equipment will be sent back to the HSE offices to have the radios replaced, the master gauging electronics assembled, and a fully operational system integrated and tested. At HSE’s expense, the equipment will be shipped back to HSE’s local field service technician, who will reinstall and test the system locally. This will again require access to the Bell Springs Tower site. Additional spare equipment will be supplied, at County’s expense, for future maintenance and repair items. Procurement of and payment for such spare equipment will be processed by means of the Purchase Order procedures set forth in the Contract. Restoration project time is 90 days after receipt of order.

Suspension of Maintenance Fees:

Travis County will not be charged the annual System Maintenance Fees until a Travis County Representative has verified in writing that the ALERT System is fully operational and is performing in accordance with the Contract requirements. Upon such verification, Travis County will pay the appropriate, pro-rated portion of the Annual Maintenance Fees and subsequent annual payments will resume.



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