

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
ACTION AGENDA SUMMARY

DEPT: Sheriff ELM

BOARD AGENDA # *B-7

Urgent Routine

AGENDA DATE September 30, 2014

CEO Concurs with Recommendation YES NO
(Information Attached)

4/5 Vote Required YES NO

SUBJECT:

Approval to Amend the Contract with Tait North America, Inc for Phase Two of the Regional Interoperability Communications Project for Stanislaus County First Responders

STAFF RECOMMENDATIONS:

1. Authorize an amendment to the Tait North America, Inc. contract to continue infrastructure build out of the P-25 linear simulcast trunking radio system.
2. Authorize the Purchasing Agent to negotiate, finalize and sign the Amendment to the Agreement with Tait North America, Inc. and any subsequent amendments thereto, on behalf of the County.

FISCAL IMPACT:

On April 3, 2012, the Board of Supervisors approved the contract with Tait North America, Inc. for the purchase of the components of a P-25 Linear Trunking Radio System to improve interoperable communication for Stanislaus County first responders. Original funding available for the purchase of the system was \$1,887,270. The total cost approved by the Board of Supervisors was \$1,090,378 leaving \$792,892 for an additional phase of the regional interoperable communication project that would be brought back to the Board of Supervisors for approval.

Continued on Page 2

BOARD ACTION AS FOLLOWS:

No. 2014-500

On motion of Supervisor Monteith, Seconded by Supervisor Withrow
and approved by the following vote,
Ayes: Supervisors: O'Brien, Chiesa, Withrow, Monteith, and Chairman De Martini
Noes: Supervisors: None
Excused or Absent: Supervisors: None
Abstaining: Supervisor: None

- 1) X Approved as recommended
- 2) _____ Denied
- 3) _____ Approved as amended
- 4) _____ Other:

MOTION:

ATTEST: Christine Ferraro
CHRISTINE FERRARO TALLMAN, Clerk

File No.

FISCAL IMPACT: Continued

Original funding for the project was identified through Homeland Security Grants awarded to Stanislaus County Office of Emergency Services and Community Oriented Policing Services (COPS) Technology Program funding awarded to the Sheriff's Department and the Modesto Police Department. Due to the timing of the next phase of the project, the remaining Fiscal Year 2009 and Fiscal Year 2010 Homeland Security Funding was expiring and was dedicated to other related projects. The remaining available funding from the COPS grants is \$557,305, which will expire March 2015.

In the first phase of the project, Tait North America, Inc. was to submit a schematic design for the 5-site and base station infrastructure and provide general project oversight; communication equipment was to be procured; the Turlock Police Department site, the SR911 Base station and the Ceres Police Department site was to be completed. In order to ensure that the funding source was not lost due to timing, the Project Manager authorized Tait North America, Inc. to purchase equipment with the available funding and consequently the Ceres Police Department site was not fully completed.

While the original RFP contemplated both phases of the project, only the first phase was originally awarded to Tait North America, Inc. Since Tait North America, Inc., pre-purchased equipment for the second phase and has full understanding and background with the project, they are the logical vendor for this second phase of the project. The quote for the second phase from the vendor is \$436,932. This includes the completion of the Ceres Police Department, 1010 Tenth Street and Modesto Fire Station 9 sites and the partial completion of work on Modesto Fire Station 6.

There is an additional cost of \$84,224 with Motorola for Radio Firmware upgrade, \$15,000 set aside for miscellaneous costs including cabling, electrical parts, antenna etc., leaving \$21,149 available for project contingencies or for future project phases.

The \$557,305 funding is comprised of \$257,305 from Modesto COPS grant and \$300,000 from Sheriff's COPS Grant. These grants are technology grants and are not eligible for any construction costs related to the project. The Modesto Police Department is in the process of obtaining funding for the construction costs, not to exceed \$130,000. These costs are equivalent to the purchase of radios from the COPS funding.

The Board of Supervisors authorized acceptance of the \$300,000 COPS grant on October 26, 2010. These funds have been included in the Fiscal Year 2014-2015 Final Budget Sheriff – Operations budget.

DISCUSSION:

Project 25 (P-25) Linear Simulcast Trunking Radio System is part of a multi phase Regional Interoperable Communication system for Stanislaus County first responders. P-25 is a suite of standards for digital radio communications for use by federal, state and local public safety agencies in North America to enable them to communicate with other agencies and mutual aid response teams in emergencies.

A Request for Proposal was issued and on April 3, 2012 the Board of Supervisors approved an Agreement with Tait North America, Inc. As part of the first phase of the project, Tait North America, Inc. submitted a schematic design for the 5-site and base station infrastructure and provided general project oversight; communication equipment was procured; the Turlock Police Department site and the SR911 Base station was completed and the Ceres Police Department site was nearly completed. Phase II of this project will complete the Ceres Police Department, 1010 Tenth Street and Modesto Fire Station 9 sites, and begin work on the Modesto Fire Station 6 site. A future phase will be the completion of Fire Station 6 which will be funded by a Homeland Security Grant.

Tait North America, Inc. has nearly completed its contractual obligation, and the next phase of work has been identified with a cost estimate of \$436,932. This will include construction, equipment and installation of the equipment.

An additional cost of \$84,224 will be with Motorola for Radio Firmware upgrade. Stanislaus County Public Safety Departments have a number of existing Motorola P24 subscriber units that require a firmware up-grade in order to work with the new County wide P25 Simulcast Trunking system. This proprietary firmware option is only available from Motorola. No other radio manufacturer can produce or sell this firmware option for the Motorola radio equipment. General Services Agency (GSA) has been consulted and has confirmed that an agreement with Motorola will be a sole source and therefore a Request for Proposal is not required.

The remaining amount of \$15,000 is set aside for miscellaneous costs including cabling, electrical parts, antenna etc. and \$21,149 is available for project contingencies or for future project phases.

This project is crucial for Stanislaus County and its public safety and associated agencies to be able to provide the best level of service by allowing the partnerships that have been established between agencies to have an operable and interoperable communication systems. This system will effectively serve the various communities within the County and partner agencies in the region.

POLICY ISSUES:

This action support the Board's priorities of A Safe Community and Effective Partnerships by increasing the communication capabilities among first responders within Stanislaus County.

STAFFING IMPACT:

Existing staff from the City of Modesto and the County of Stanislaus will assist in the implementation and management of the Agreement. There is no additional staffing impact associated with this item.

CONTACT PERSON:

Adam Christianson, Sheriff-Coroner 209.525.7105

**CHANGE ORDER # P50-00810-2
(P25 Radio Interoperability Project)**

Reference is made to the Agreement ("Agreement") dated May 2012 by and between the County of Stanislaus ("County") and Tait North America, Inc ("Contractor").

You are directed to make the following changes from the plans and specifications or do the work described below which is not included in the plans and specifications for this Agreement. All other terms and conditions of the Agreement shall remain in full force and effect.

- Freight quoted is an estimate, actual freight will be charged upon delivery
- Tax below is estimated based on current rates & shipping to Modesto County, California
- Least expensive UPS option chosen for each site except TSP. TSP has the median option.
- Generators are not included
- Payment terms are N30
- Initial payment will be invoiced upon execution of the change request. Remaining payments will be invoiced on completion & on a per site basis. Refer to the payment schedule below.

Tenth Street Place		Modesto Fire Station 6	
Electrical Installation	35,686.31	5kVA Exp UPS (15 minute runtime)	18,880.57
Electrical Engineering	4,715.57	LMR & Infra Install	12,853.74
LMR & Infra Install	19,783.17	Install Materials	2,834.41
Tower Install	68,543.28	Modesto Fire Station 6 Total	\$34,568.72
HVAC	18,190.62		
Roofing	3,295.83	Tait Equipment	Unit
Install Materials	2,834.41		Qty Price
15kVA Eaton UPS	14,101.15	TB9115-B3HE-0000-A400-10	1 6,879.00 6,976.01
Estimated Freight for Tower	1,120.58	TBAS061 - SFE Key Central Voter 91/94	2 4,687.50 9,507.20
Tenth Street Place Total	\$168,270.93	TBAKEY01 - Software License Installer	1 251.25 254.79
		Freight	35.00
		Estimated Tax	1,276.27
Ceres Police Department		Tait Equipment Total	\$18,049.27
Electrical Installation	17,700.20		
6 Core Drill Holes	1,120.58	Tait Services	
L&A Install	17,133.32	Engineering Services (5 days - remote)	9,228.33
HVAC	14,397.78	Site Supervision (10 days onsite & remote)	15,819.99
Install Materials	2,834.41	Project Management (8 days - remote)	12,655.99
Tower Analysis	1,977.50	Tait Services Total	\$37,704.30
Ceres Total	\$55,163.79		
Modesto Fire Station 9		Summary	
Electrical Installation	4,051.34	Tenth Street Place	168,270.93
Electrical Engineering	4,715.57	Ceres Police Department	55,163.79
Installation of Prefab Communications Shelter	22,142.98	Modesto Fire Station 9	123,175.24
LMR & Infra Install	41,153.33	Modesto Fire Station 6	34,568.72
Concrete Materials for Shelter, Tower & Foundation	11,469.49	Tait Equipment	18,049.27
Install concrete for shelter, tower & foundation	7,514.49		
Labor to install Halo Grounding System & Shelter	4,086.83		
Halo Grounding System Materials	2,900.33		

Install Materials	2,834.41	Tait Services	37,704.30
Tower Analysis	3,426.35	Grand Total	\$436,932.26
5kVA Exp UPS (15 minute runtime)	18,880.11		
Modesto FS9 Total	\$123,175.24		
Payment Schedule			
Execution of Change Order	87,851.56		
Completion of TSP	168,270.93		
Completion of Ceres	23,065.81		
Completion of FS9	123,175.24		
Completion of FS6	34,568.72		
Total	\$436,932.26		

Added cost of additional work \$ \$436,932.26	Added working days needed to complete additional work: working days
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The amount agreed upon as the value of the extra work described above is hereby accepted by the Contractor as full and complete compensation for any and all claims of any nature whatsoever, including, but not limited to, any actual or alleged claims for compensation by Contractor, or any subcontractor of Contractor for delays occasioned by or in any way arising out of stoppage of the work, coordination of the work with others, or processing of the corresponding change order.

IN WITNESS WHEREOF, the parties or their duly authorized representatives have executed this Change Order No. P50-00810-2 effective September 23, 2014.

COUNTY OF STANISLAUS

By: _____

Keith D. Boggs, Assistant Exec. Officer, GSA
GSA Director/Purchasing Agent

"County"

TAIT NORTH AMERICA INC

By: _____

Name: K. Kly

Title: VP of Finance

"Contractor"

APPROVED AS TO FORM:

John P. Doering, County Counsel

By: _____

Robert Tafo, Deputy County Counsel