



A Tradition of Stewardship
A Commitment to Service

Department of Public Works

1195 Third Street, Suite 201
Napa, CA 94559-3092
www.countyofnapa.org/publicworks

Main: (707) 253-4351
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Donald G. Ridenhour, P.E.
Director of Public Works

December 28, 2010

**NAPA COUNTY JAIL
DETENTION ELECTRONIC SYSTEMS REPLACEMENT PROJECT
DESIGN AND CONSTRUCTION MANAGEMENT/INSPECTION
CONSULTING SERVICES**

Request for Qualifications

BACKGROUND

The existing Napa County Jail was originally built in two phases. The initial phase was completed in 1977 with a second phase that expanded the facility in 1988. The jail control room was moved at the time of the 1998 expansion. In 1998, an eight year upgrade of the detention electronics systems was completed to integrate the function of the two phases, including relocation of the control room along with an upgrade of the backbone processors that drive the overall system. The detention electronic systems installed at the Napa County Jail are generally typical of those found at similar facilities built during the same period the jail was built although upgrades to 75% of the GEM 80 programmable logic controllers (PLC s) have been made to bring them up to date.

Existing Conditions

The existing detention electronic systems consist broadly of a motorized door system, an analog intercom system, an analog CCTV camera system and a digital video recording system all of which are switched using the GEM 80 PLCs and two new human machine interface (HMI) screens.

New Project Scope:

The County wishes to relocate or add a control/electronics room. As part of the project the replacement of the existing PLCs may be needed along with new wiring for the motorized doors, new wiring for toilet control, new video cameras and associated wiring, a new video recording system, new intercoms and associated wiring, a new officer duress system and associated wiring, interfacing to the elevators motion controllers, interfacing with the fire alarm panel and smoke detectors and construction of a new dedicated room for the detention electronics system. Installation of fiber optic data transmission systems may also be required.

Services:

The County is seeking a firm or group of firms to provide alternatives planning and cost estimates for various options, design, construction management and inspection services for the proposed. This firm or group of firms is expected to handle this project from start to finish. It is the intention that the firm will aid in performing upgrades in phases that allow the jail to remain occupied and writes technical specifications and assist with front end specifications that include requirements for the needed background checks for contractor workers, conformance with state requirements such as inspections, permits, etc...

REQUIRED SERVICES

The required services may include but are not limited to:

- Providing cost estimates for various options
- Detention electronic system design services which may include developing program flowcharts, screenshots, wiring diagrams and strict specifications for plc's and software and other hardware typically used for a critical service environments. This should also include redundancies in the system to allow for continuous, uninterrupted operations of the systems supporting the corrections facilities
- Any required electrical, mechanical and fire protection engineering
- Any required communications design
- Any required architectural design services
- Preparation of plans, specifications and estimates
- Construction inspection services including off site inspections
- Construction administration support services
- Construction management services
- A final product that meets all the system security requirements required by law and follows the latest security standards and best practices
- Full documentation review of the final detention electronic system, which includes systems configuration documents, wiring diagrams, user guides, etc...

EVALUATION CRITERIA OF RESPONSES TO REQUEST FOR PROPOSAL

Once statements of qualifications are received and evaluated per the criteria below, up to five firms may be selected to participate in an interview process. The County anticipates interviews to take place during February of 2011. Final firm selection will be based upon the County's evaluation of the firm's response to the RFQ and the interview process using the evaluation criteria listed below:

- Lead firm, sub-consultants and key staff experience and qualifications related to the design and construction management, including inspection services, of correctional electronic/security systems. – 70 points
- Knowledge of design codes/standards applicable to the subject project of this RFQ. Responders to RFQ shall elaborate in the response to the RFQ on what the applicable codes/standards are and how they apply to the proposed project. – 10 points
- Proposed detailed work plan on how the lead firm, sub-consultants and staff will work with County Director of Corrections, ITS Department and Public Works Department and other required County Departments to arrive at a design that meets programmatic, operational, budgetary and constructability requirements. – 10 points

- Proposed design, construction management and inspection services quality assurance/quality control programs. – 10 points

Firms shall clearly label areas where the above criteria are addressed in their Statements of Qualifications.

SUBMITTAL REQUIREMENTS

A firm's response to the RFQ shall address the criteria listed above. In order to be considered, a firm's response to the RFQ must be submitted no later than February 1, 2011 by 5:00 p.m. Please submit five (5) copies of your firm's response to the RFQ to Frank Lucido, Associate Mechanical Engineer to 1195 Third Street, Room 201, Napa, CA 94559. For any inquiries please contact Mr. Frank Lucido, **in writing only**, via e-mail at frank.lucido@countyofnapa.org. Please also see enclosed Napa County's Professional Services Agreement boiler plate for your information.

Napa County has a local vendor preference which covers the acquisition of requested services. Local vendors will be awarded contracts for services where qualifications are determined by the reviewing panel to be otherwise equal; unless such preference is not allowable by law. For this matter, a local vendor is a vendor who has a billing address located within Napa County. Where appropriate, out of county vendors are encouraged to subcontract with qualified local vendors.

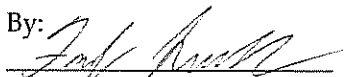
Submittals which do not contain the required numbers of copies and all the information requested in the RFQ may be considered as non-responsive and rejected without evaluation. Submittals received after the deadline or addressed to the wrong location will be considered as non-responsive. **Faxed or e-mailed copies will not be accepted.**

SOLICITATION CAVEAT

The proposer understands and agrees that the County of Napa shall have no financial responsibility for any costs incurred by the responder in responding to this RFQ and shall not be liable to any responder costs attributed to its own study and investigation or the preparation of any required item or information described in the RFQ until the responder has executed an agreement with the County of Napa and has been authorized in writing to provide professional services. The County of Napa reserves the right to terminate this RFQ upon three (3) days notice to all prospective proposers, and reserves the right to reject all responses to the RFQ.

Sincerely Yours,
Donald G. Ridenhour, P.E.
Director of Public Works

By:



Frank Lucido, P.E.

Associate Mechanical Engineer



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Donald G. Ridenhour, P.E.
Director of Public Works

January 10, 2011

**NAPA COUNTY JAIL
DETENTION ELECTRONIC SYSTEMS REPLACEMENT PROJECT
DESIGN AND CONSTRUCTION MANAGEMENT/INSPECTION
CONSULTING SERVICES**

Request for Qualification Addendum 1

Remove:

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Replace with:

A firm's response to the RFQ shall address the criteria listed above. In order to be considered, a firm's response to the RFQ must be submitted no later than **February 15, 2011** by 5:00 p.m. Please submit five (5) copies of your firm's response to the RFQ to Frank Lucido, Associate Mechanical Engineer to 1195 Third Street, Room 201, Napa, CA 94559. For any inquiries please contact Mr. Frank Lucido, **in writing only**, via e-mail to frank.lucido@countyofnapa.org, **by January 21, 2011**. Answers to these questions will be posted on the County website. Please also see enclosed Napa County's Professional Services Agreement boiler plate for your information.

Sincerely Yours,
Donald G. Ridenhour, P.E.
Director of Public Works

By:

A handwritten signature in black ink, appearing to read "Frank Lucido", written over a horizontal line.

Frank Lucido, P.E.
Associate Mechanical Engineer

Encl: Napa County's Professional Services Agreement boiler plate



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Donald G. Ridenhour, P.E.
Director of Public Works

January 25, 2011

**NAPA COUNTY JAIL
DETENTION ELECTRONIC SYSTEMS REPLACEMENT PROJECT
DESIGN AND CONSTRUCTION MANAGEMENT/INSPECTION
CONSULTING SERVICES**

Request for Qualification Addendum 2

Remove:

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Replace with:

A firm's response to the RFQ shall address the criteria listed above. In order to be considered, a firm's response to the RFQ must be submitted no later than **February 15, 2011** by 5:00 p.m. Please submit five (5) copies of your firm's response to the RFQ to Frank Lucido, Associate Mechanical Engineer to 1195 Third Street, Room 201, Napa, CA 94559. For any inquiries please contact Mr. Frank Lucido, **in writing only**, via e-mail to frank.lucido@countyofnapa.org, **by February 4, 2011**. Answers to these questions will be certified mailed to all prospective consultants who have contacted the County via e-mail and shown interest in the project or have originally received a copy of the RFQ from the county and are already on the projects mailing list.

Sincerely Yours,
Donald G. Ridenhour, P.E.
Director of Public Works

By:

A handwritten signature in cursive script, appearing to read "Frank Lucido", written over a horizontal line.

Frank Lucido, P.E.
Associate Mechanical Engineer