

CITY OF SANTA FE

"REQUEST FOR PROPOSALS"

PRV SCADA Engineering and Implementation

RFP #15/46/P

PROPOSAL DUE:

**July 10, 2015
2:00 P.M.
PURCHASING OFFICE
CITY OF SANTA FE
2651 SIRINGO ROAD
BUILDING "H" SANTA FE,
NEW MEXICO 87505**

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Attachments:

1. Instructions Relating to Local Preference Certification Form
2. Local Preference Certification Form
3. Resident Veterans Preference Form
4. Sample Contract
5. Minimum Wage Ordinance

REQUEST FOR PROPOSALS

PROPOSAL NUMBER '15/46/P

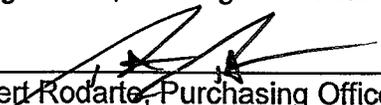
Proposals will be received by the City of Santa Fe and shall be delivered to the City of Santa Fe Purchasing Office, 2651 Siringo Road Building "H" Santa Fe, New Mexico 87505 until 2:00 P.O. local prevailing time, July 10, 2015. Any proposal received after this deadline will not be considered. This proposal is for the purpose of procuring professional services for the following:

PRV SCADA ENGINEERING AND IMPLEMENTATION

The proponent's attention is directed to the fact that all applicable Federal Laws, State Laws, Municipal Ordinances, and the rules and regulations of all authorities having jurisdiction over said item shall apply to the proposal throughout, and they will be deemed to be included in the proposal document the same as though herein written out in full.

The City of Santa Fe is an Equal Opportunity Employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation or national origin. The successful proponent will be required to conform to the Equal Opportunity Employment regulations.

Proposals may be held for sixty (60) days subject to action by the City. The City reserves the right to reject any of all proposals in part or in whole. Proposal packets are available by contacting: Shirley Rodriguez, City of Santa Fe, Purchasing Office, 2651 Siringo Road, Building "H" Santa Fe, New Mexico, 87505, (505) 955-5711.



Robert Rodarte, Purchasing Officer

Received by the Santa Fe New Mexican Newspaper on: 06/12/15
To be published on: 06/17/15

Received by the Albuquerque Journal Newspaper on: 06/12/15
To be published on: 06/17/15

PROPOSAL SCHEDULE

RFP # '15/46/P

- | | | |
|----|---|--|
| 1. | Advertisement | June 17, 2015 |
| 2. | Issuance of RFP'S: | June 17, 2015 |
| 3. | Receipt of proposals: | July 10, 2015
local prevailing time.
Purchasing Office 2651
Siringo Road Bldg., "H"
Santa Fe, New Mexico
87505 (505) 955-5711 |
| 4. | Evaluation of proposals: | July 16, 2015 |
| 5. | Interviews: | July 21, 2015 |
| 6. | Recommendation of award
to Public Utilities Committee: | August 5, 2015 |
| 7. | Recommendation of award
to Finance Committee: | August 17, 2015 |
| 8. | Recommendation of award
to City Council: | August 26, 2015 |

DATES OF CONSIDERATION BY FINANCE COMMITTEE AND CITY COUNCIL ARE TENTATIVE AND SUBJECT TO CHANGE WITHOUT NOTICE.

INFORMATION FOR PROPONENTS

1. RECEIPT OF PROPOSALS

The City of Santa Fe (herein called "City"), invites firms to submit two copies of the proposal. Proposals will be received by the Purchasing Office, until 2:00 p.m. local prevailing time, July 10, 2015.

The packets shall be submitted and addressed to the Purchasing Office, at 2651 Siringo Road Bldg. "H" Santa Fe, New Mexico 87505. No late proposals will be accepted whether hand delivered, mailed or special delivery. Do not rely on "overnight delivery" without including some lead-time. "Overnight delivery" will be determined to be non-responsive if delivered late, no matter whose fault it was. It is recommended that extra days be included in the anticipated delivery date to ensure delivery is timely. The Purchasing Office is closed 12:00 p.m. to 1:00 p.m. The outside of the envelope should clearly indicate the following information:

Proposal number: '15/46/P
Title of the proposal: PRV SCADA Engineering and Implementation

Name and address of the proponent:

Any proposal received after the time and date specified shall not be considered. No proposing firm may withdraw a proposal within 60 days after the actual date of the opening thereof.

2. PREPARATION OF PROPOSAL

Vendors shall comply with all instructions and provide all the information requested. Failure to do so may disqualify your proposal. All information shall be given in ink or typewritten. Any corrections shall be initialed in ink by the person signing the proposal.

This request for proposal may be canceled or any and all proposals may be rejected in whole or in part, whenever the City of Santa Fe determines it is in the best interest of the city.

3. ADDENDA AND INTERPRETATIONS

No oral interpretation of the meaning of any section of the proposal documents will be binding. Oral communications are permitted in order to make an assessment of the need for an addendum. Any questions concerning the proposal must be addressed prior to the date set for receipt of proposal.

Every request for such interpretation should be in writing addressed to, Purchasing Officer, 2651 Siringo Road Bldg. "H" Santa Fe, New Mexico, 87505 and to be given consideration must be received at least (5) days prior to the date set for the receiving of proposals.

Any and all such interpretations and any supplemental instruction will be in the form of written addenda to the RFP, which if issued, will be delivered to all prospective firms not later than three days prior to the date fixed for the receipt of the proposals. Failure of any proposing firm to receive any such addenda or interpretations shall not relieve such firm from any obligation under their proposal as submitted. All addenda so issued shall become part of the contract documents.

The City reserves the right to not comply with these time frames if a critical addendum is required or if the proposal deadline needs to be extended due to a critical reason in the best interest of the City of Santa Fe.

4. LAWS AND REGULATIONS

The proposing firm's attention is directed to the fact that all applicable Federal Laws, State Laws, Municipal Ordinances, and the rules and regulations of all authorities having jurisdiction over said item shall apply to the contract throughout. They will be deemed to be included in the contract the same as though herein written out in full.

5. METHOD OF AWARD

The proposal is to be awarded based on qualified proposals as per the enclosed rating system and at the discretion and consideration of the governing body of the City of Santa Fe. The selection committee may interview the top three rated proponents; however, contracts may be awarded without such interviews. At its discretion the city reserves the right to alter the membership or size of the selection committee. The City reserves the right to change the number of firms interviewed.

6. COMPLIANCE WITH CITY'S MINIMUM WAGE RATE ORDINANCE (LIVING WAGE ORDINANCE)

A copy of the City of Santa Fe Ordinance No. 2003-8, passed by the Santa Fe City Council on February 26, 2003 is attached. The proponent or bidder will be required to submit the proposal or bid such that it complies with the ordinance to the extent applicable. The recommended Contractor will be required to comply with the ordinance to the extent applicable, as well as any subsequent changes to the Ordinance throughout the term of this contract.

7. RESIDENT, LOCAL OR VETERANS PREFERENCE

INTENT AND POLICY

The city recognizes that the intent of the state resident preference statute is to give New Mexico businesses and contractors an advantage over those businesses, policy is to give a preference to those persons and companies who contribute to the economy of the State of New Mexico by maintaining businesses and other facilities within the state and giving employment to residents of the state (1969 OP. Att'y Gen. No. 69-42). The city also has adopted a policy to include a local preference to

those persons and companies who contribute to the economy of the County of Santa Fe by maintaining businesses and other facilities within the county and giving employment to residents of the county.

With acknowledgment of this intent and policy, the preference will only be applied when bids are received from in-state and county businesses, manufacturers and contractors that are within 5% of low bids received from out-of-state businesses, manufacturers and contractors (13-1-21 (A) -1-21 (F) and 13-4-2 (C) NMSA 1978).

To be considered a resident for application of the preference, the in-state bidder must have included a valid state purchasing certification number with the submitted bid.

Thus it is recommended that in-state bidders obtain a state purchasing certification number and use it on all bids, in order to have the preference applied to their advantage, in the event an out-of-state bid is submitted. In submitting a bid, it should never be assumed that an out-of-state bid will not be submitted.

For information on obtaining a state purchasing certification number, the potential bidder should contact the State of New Mexico Taxation and Revenue Department.

All resident preferences shall be verified through the State Purchasing Office. Applications for resident preference not confirmed by the state Purchasing Office will be rejected. The certification must be under the bidder's business name submitting the bid.

NON-APPLICATION-COMPETING IN-STATE BIDDERS

If the lowest responsive bid and the next responsive bids within 5% of the lowest bid are all from the state of New Mexico, then the resident preference will not be applied and the state purchasing certification number will not be considered. To be considered an in-state bidder in this situation, the bidders must meet the definition criteria of Chapter 13-1-21 (A)(1) and Chapter 13-4-2 (A) NMSA 1978. After examining the information included in the bid submitted, the city Purchasing Director may seek additional information of proof to verify that the business is a valid New Mexico business. If it is determined by the city Purchasing Director that the information is not factual and the low responsive bid is actually an out-of-state bidder and not a New Mexico business, then the procedures in the previous section may be applied.

If the bidder has met the above criteria, the low responsive "resident" bid shall be multiplied by .95. If that amount is then lower than the low responsive bid of a "non-resident" bidder, the award will be based taking into consideration the resident preference of 5%.

APPLICATION FOR LOCAL PREFERENCE

For the purposes of this section, the terms resident business and resident manufacturer shall be defined as set out in Section 13-1-21 NMSA 1978; the term local as applied to a business or manufacturer shall mean:

Principal Office and location must be stated: To qualify for the local preference, the principal place of business of the enterprise must be physically located within the Santa Fe County Geographic Boundaries. The business location inserted on the Form must be a physical location, street address or such. DO NOT use a post office box or other postal address. Principal place of business must have been established no less than six months preceding application for certification.

The PREFERENCE FACTOR for resident and local preferences applied to bids shall be .95 for resident and .90 for local. The preference for proposals shall be 1.10 for local.

New Mexico Resident Veteran Business Preference: New Mexico law, Section 13-1-22 NMSA 1978, provides a preference in the award of a public works contract for a "resident veteran business". Certification by the NM Department of Taxation and Revenue for the resident veteran business requires the Offeror to provide evidence of annual revenue and other evidence of veteran status.

An Offeror who wants the veteran business preference to be applied to its proposal is required to submit with its proposal the certification from the NM Department of Taxation and Revenue and the sworn affidavit attached hereto as Appendix E.

If an Offeror submits with its proposal a copy of a valid and current veteran resident business certificate, 7%, 8%, or 10% of the total weight of all the evaluation factors used in the evaluation of proposal may be awarded.

The local preference or resident business preference is not cumulative with the resident veteran business preference.

Proposals for Goods and Services. When proposals for the purchase of goods or services pursuant to Section 23 are received, the evaluation score of the proposal receiving the highest score of all proposals from those proponents in the first category listed above shall be multiplied by the Preference Factor. If the resulting score of that proposal receiving the preference is higher than or equal to the highest score of all proposals received, the contract shall be recommended to that proponent receiving the preference. If no proposal are received from proponents in the first category, or if the proposal receiving the preference does not qualify for an award after multiplication by the Preference Factor, the same procedure shall be followed with respect to the next category of proposals listed to determine if a proponent qualifies for award.

Qualifications for Local Preference. The Central Purchasing Office shall have available a form to be completed by all bidders/proponents who desire to apply for the local preference as a local business. The completed form with the information

certified by the offeror must be submitted by the bidders/proponents with their bid or proposal to qualify for this preference.

Limitation. No offeror shall receive more than a 10% for local preference pursuant to this section on any one offer submitted. A bidder may not claim cumulative preferences.

Application. This section shall not apply to any purchase of goods or services when the expenditure of federal and/or state funds designated for a specific purchase is involved and the award requirements of the funding prohibit resident and/or local preference(s). This shall be determined in writing by the department with the grant requirements attached to the Purchasing Office before the bid or request for proposals is issued.

Exception. The City Council at their discretion can approve waiving the Local Preference requirements for specific projects or on a case by case basis if it is the City's best interest to do so.

8. PROTESTS AND RESOLUTIONS PROCEDURES

Any proponent, offeror, or contractor who is aggrieved in connection with a procurement may protest to the Purchasing Officer. The protest must be in writing and submitted within fifteen (15) days and requirements regarding protest and resolution of protests are available from the Purchasing Office upon request.

SPECIAL CONDITIONS

1. GENERAL

When the City's Purchasing Officer issues a purchase order document in response to the vendor's bid, a binding contract is created.

2. ASSIGNMENT

Neither the order, nor any interest therein, nor claim under, shall be assigned or transferred by the vendor, except as expressly authorized in writing by the City Purchasing Officer's Office. No such consent shall relieve the vendor from its obligations and liabilities under this order.

3. VARIATION IN SCOPE OF WORK

No increase in the scope of work of services or equipment after award will be accepted, unless means were provided for within the contract documents. Decreases in the scope of work of services or equipment can be made upon request by the city or if such variation has been caused by documented conditions beyond the vendor's control, and then only to the extent, as specified elsewhere in the contract documents.

4. DISCOUNTS

Any applicable discounts should be included in computing the bid submitted. Every effort will be made to process payments within 30 days of satisfactory receipt of goods or services. The City Purchasing Officer shall be the final determination of satisfactory receipt of goods or services.

5. TAXES

The price shall include all taxes applicable. The city is exempt from gross receipts tax on tangible personal property. A tax exempt certificate will be issued upon written request.

6. INVOICING

(A) The vendor's invoice shall be submitted in duplicate and shall contain the following information: invoice number and date, description of the supplies or services, quantities, unit prices and extended totals. Separate invoices shall be submitted for each and every complete order.

(B) Invoice must be submitted to ACCOUNTS PAYABLE and NOT THE CITY PURCHASING AGENT.

7. METHOD OF PAYMENT

Every effort will be made to process payments within 30 days of receipt of a detailed invoice and proof of delivery and acceptance of the products hereby contracted or as otherwise specified in the compensation portion of the contract documents.

8. DEFAULT

The City reserves the right to cancel all or any part of this order without cost to the City if the vendor fails to meet the provisions for this order, and except as otherwise provided herein, to hold the vendor liable for any excess cost occasioned by the city due to the vendor's default. The vendor shall not be liable for any excess cost if failure to perform the order arises out of causes beyond the control and with the fault or negligence of the Vendor and these causes have been made known to the City of Santa Fe in written form within five working days of the vendor becoming aware of a cause which may create any delay; such causes include, but are not limited to, acts of God or the public enemy, acts of the State or of the Federal Government, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, unusually severe weather and defaults of sub-contractors due to any of the above unless the city shall determine that the suppliers or services to be furnished by the sub-contractor are obtainable from other sources in sufficient time to permit the vendor to meet the required delivery schedule. The rights and remedies of the city are not limited to those provided for in this paragraph and are in addition to any other rights provided for by law.

9. NON-DISCRIMINATION

By signing this City of Santa Fe bid or proposal, the vendor agrees to comply with the Presidents Executive Order No. 11246 as amended.

10. NON-COLLUSION

In signing this bid or proposal, the vendor certifies they have not, either directly or indirectly, entered into action in restraint of full competition in connection with this bid or proposal submittal to the City of Santa Fe.

PRV SCADA ENGINEERING AND IMPLEMENTATION
'15/46/P
SCOPE OF SERVICES

I. OVERVIEW, BACKGROUND, AND PROPOSAL INFORMATION

OVERVIEW

The City of Santa Fe Water Division invites proposals from companies that specialize in the design and installation of Supervisory Control and Data Acquisition (SCADA) systems capable of monitoring and controlling Pressure Reducing Valve Stations throughout the City of Santa Fe vicinity. It is the goal of the City of Santa Fe to update the SCADA system for 17 existing PRV stations using a modular cellular RTU with built in Human Machine Interface (HMI). Proponents to this RFP will be responsible for providing a turn-key solution including all necessary system design, equipment, installation, programming, configuration, testing, training, commissioning and startup to provide the City of Santa Fe a complete and operable PRV SCADA system.

BACKGROUND

The City of Santa Fe Water Division currently has 49 Pressure Reducing Valve Station (PRV) throughout our distribution system. The PRV stations are a critical component in the delivery of water for drinking and fire protection. There are two types of pressurization issues involved in a PRV failure 1.) Over pressurization which can cause a main break, infrastructure damage and property damage 2.) Under pressurization which provides inadequate flows for customer consumption and fire protection.

The City of Santa Fe currently utilizes an existing PRV SCADA system to monitor and provide automated emergency dispatch to key personnel. The current system consists of a leased line dialup communications to each of the 17 PRV sites for data transmission which results in an 18 minute poll cycle. Citect Viejo is the Human Machine Interface being utilized for monitoring and data collection, in addition to Win911 software for emergency dispatch. (See Exhibit X - 'Existing PRV SCADA Phase I Data' for additional details on the current system.)

PROPOSAL

Proponents must submit information showing in detail how their proposed approach to upgrading the SCADA system provides the best value to the City of Santa Fe. Proponents are also encouraged to submit any information that indicates how their proposed system would provide the City of Santa Fe with features and enhancements that exceed the minimum system requirements set forth in this RFP.

II. SCOPE OF WORK

SCOPE OF WORK

A single SCADA System Vendor (SSV) shall furnish all materials, equipment, labor, and services (except where specifically noted) required to achieve a fully integrated and operational system. The Scope of Work includes, but is not limited to, the following:

1. Provide an upgraded Master telemetry unit with cellular communication to each remote telemetry unit.
2. Provide one new server equipment rack, which shall contain all equipment necessary for new Master telemetry unit.
3. Utilize existing field hardware as much as possible, except where inadequate.
4. Utilize and install field devices in a manner that is aesthetically pleasing to the location and City of Santa Fe.
5. Provide all Human Machine Interface (HMI) configurations including development of control programs, database configuration, graphic screens and communication links.
6. Furnish complete design including all interfaces to existing and new field equipment, RTU's, power devices, Ethernet switches, Routers and communication systems. All systems shall have proper surge protection including communications.
7. Furnish all necessary software and hardware to establish radio communication link between San Mateo monopole and new Master telemetry unit via Transmission and Distribution headquarters. The new radio shall be capable with Xeta 9E 902-960MHZ at a rate of 3.5Mbps. The contactor will be responsible for verifying radio connection that is acceptable to the City of Santa Fe.
8. Provide a detailed onsite field analysis report of cellular reliability at the proposed locations.
9. Provide a solution ensuring only the City of Santa Fe Water Division authorized subscribers may send and receive data.
10. Provide a cellular network with sufficient data-rate speeds and latency critical for successful SCADA operations. Monthly charges shall be calculated on a site by site basis depending on the total MB data required.
11. Provide a complete documentation package which shall include equipment schedule, design drawings, control wiring schematics, P&ID schematics and programming I/O list. All design and control wiring schematics shall be provided in AutoCAD and PDF format.
12. Furnish, fabricate and procure all necessary software, hardware, equipment mounting and mounting racks necessary for a complete and operable SCADA system.
13. Perform all factory and field testing, startup and commissioning and training of City staff. Provide (3) mobile tablet devices for field troubleshooting. Training shall be a minimum of 16 hours within 2 weeks of project completion. Training must be sufficient

to prepare the City of Santa Fe staff to fully and completely administer and maintain the system with limited reliance on the SSV beyond normal assistance covered by the warranty/maintenance agreement.

14. Provide a one year warranty of all hardware and software products furnished on this project. Provide software updates throughout the one year warranty period. SSV shall be available 24/7 for on call support throughout the warranty period. Contractor shall provide a minimum onsite response time of (2) hours for Emergency and (4) hours for Non-Emergency calls.

This is a two-phase project. Phase I is the completion of associated design elements through a series of meeting with key City of Santa Fe Water Division staff, and Phase II is system implementation.

PHASE I-Design

This phase of the project will include all necessary design preparations, finalizing design workshops to clarify the City of Santa Fe's functional requirement. At a minimum, the project will include the following workshops and meetings:

Kickoff and standard coordination meetings:

- Kickoff Meeting: This meeting will include all key City staff and will provide the SSV an opportunity to discuss their project approach, request information and review project schedule.
- SCADA HMI Standards meeting: The purpose of this meeting is to refine the standards specific to the City of Santa Fe Water Division. Subject matter will cover graphic look and feel, color, naming conventions, communications protocol, and tagging standards. Additional elements may be added to the agenda by both the City and SSV.
- Final Design Meeting: This meeting shall be designated for the final approval of design, submittals and any other necessary components of the design process.

PHASE II-IMPLEMENTATION

This phase of the project includes all necessary fabrication, assembly, procurement, system programming and configuration, factory testing, field testing, startup and commissioning, personnel training and warranty.

PRV SCADA RTU SYSTEM GENERAL REQUIREMENT

- Modular Cellular RTU with the capability of 4GLTE and/or 3G connectivity.
- Multiple communications ports to include Ethernet, RS232, and RS485.

- I/O expansion. Minimum I/O shall consist of 16-DI/DO, 8-AI, and 2-AO.
- Built in security
- Alarm management and alarm notification via email, SMS, FTP etc.
- Data storage
- Web based management
- Remote management
- Minimal or no software renewal fees
- Built in Human Machine Interface
- Working and storage temperature shall be able to withstand proposed environment
- RTU shall be capable of Ladder Logic process control functionality

III. CONTRACTOR RECOMMENDED SCOPE OF WORK

The Consultant may recommend modification to the work scope as outlined in the preceding section in order to improve project value, to incorporate innovative technology or methods, or to add missing elements that are essential to the successful completion of the project. The Consultant shall include any modifications to the project in writing and shall provide cost (or credit), consultant hours, and other necessary information.

NOTES:

1. The City of Santa Fe will provide internet connectivity at the Transmission and Distribution location, and will maintain a contract with a cellular provider based on the Onsite Field Analysis report submitted.
2. An onsite project visit is highly recommended before submitting RFP.
3. Contractor will be responsible for all necessary Traffic Control and Confined Space Entry.
4. Contractor shall add an allowance of \$20,000 for the purchase of compatible Pressure Transducers and payment shall be invoiced cost of pressure transducer equipment at the invoiced cost plus an overhead not to exceed 10%. City will install equipment.

PRV SCADA ENGINEERING AND IMPLEMENTATION
'15/46/P
SUBMITTAL REQUIREMENT

I. SUBMITTAL DOCUMENTS

All interested proponents must be able to provide the products and services identified within the scope of work. Any associated costs must be identified by the proponent and will be taken into consideration upon evaluation of the proposals received.

II. HOURLY RATES AND PROFESSIONAL FEE PROPOSAL

A fee proposal shall be submitted as part of the technical proposal for each of the following phases and associated deliverables, each with an individual fee:

Phase I – Design

Phase II – Implementation

III – Contractor Recommended Supplemental Scope of Work

The detailed fee proposal will in part be the basis for selection. The estimated fees for each phase shall be compiled on City of Santa Fe Engineering Cost Summary Forms. A summary cost sheet with hours for each job classification with hourly billing rates, direct expenses, and fees shall be provided. The fee estimate shall be lump sum paid by percentage of completion and will be based upon detailed consultant hours, direct and indirect costs and profit.

Proponents shall also provide a schedule of other direct or reimbursable costs to provide the services requested in the RFP. Cost Summary forms must be completed and submitted for sub-agreements.

The final fee and the scope of work of the top ranked consultant will be negotiated after that firm has been selected. If agreement on final scope of services and fee cannot be reached with the top ranked consultant, the second-ranked consultant, and the third-ranked consultant will be considered in that order.

III. PROJECT SCHEDULE

Complimentary with a specific scope of services and a not-to-exceed fee for each task, the engineering consultant will develop a performance schedule for its services, which will become part of the contract.

Note: It is estimated that it will take 60 to 90 days to solicit RFP's, select an engineering consultant and negotiate a professional services agreement.

IV. ERRORS AND OMISSIONS INSURANCE

Proponents must provide evidence of Professional Errors & Omissions Insurance coverage in minimum limits of \$1,000,000 per occurrence. Insurance certificates shall be attached to Proposal. No additional direct or reimbursable expense is allowed under Professional Services Agreements for this standard coverage. Insurance certificates shall apply to prime consultants only and must be attached to the proposal.

V. STATEMENT OF QUALIFICATIONS

The firm shall employ personnel that are knowledgeable and experienced with the development and integration with Citect Vijeo (HMI). The consultant shall have experience in the Water and Wastewater Industry process controls, telemetry and automation functionality for a minimum of five years. Consultant shall have an active office within 100 mile radius of the City of Santa Fe Water Division main office.

VI. PROPOSAL FORM AND CONTENT

A. TABLE OF CONTENTS

B. PROJECT TEAM AND STATEMENT OF QUALIFICATIONS - Provide a brief description of the overall qualifications of your firm and project team.

1. Official or Corporate name of company
2. Types of professional services provided
3. Legal form of business
 - a) Date of establishment
 - b) Former corporate names, locations, dates
 - c) Names, titles, professional affiliation/expertise of principals
 - d) Categories in which firm is legally qualified to do business in NM.
4. Firm size, particularly in office where work proposed to be performed
5. If Joint Venture or Teaming Agreement, please provide this information for each entity and references for similar previous projects performed as a Team or joint venture.
6. Examples (not more than three) of similar projects performed by your team within the last five years. The examples should include the nature of your involvement in the project, any special environmental, political, or technical problems involved in the project, how the problems were resolved. For any projects listed include the name and phone number of the owner's representative in charge of the project.
7. Resumes for key staff members of the project team, including subcontractors.

C. DETAILED WORK PLAN – Based on RFP requirements and scope of work. Plan shall cover the following items at a minimum:

1. Phase I – Design
 2. Phase II – Implementation
 3. Equipment, Software, and Operating System: Description of proposed equipment, software, and operating system with product data, licensing fees, and other relevant information.
- D. PROJECT SCHEDULE
- E. HOURLY RATES AND PROFESSIONAL FEE PROPOSAL
- F. ERRORS AND OMISSIONS INSURANCE CERTIFICATE
- G. ANY ADDITIONAL PERTINENT INFORMATION

NOTE: The proposal is limited to 35 pages for items “A” through “G”. The smallest acceptable pitch is 12 point, with nominal 1” margins. Pages for resumes and additional pertinent information are not limited. As a practical matter, however, there is a limit as to how much material the Selection Committee members are able to read and absorb. Please clearly identify each proposal item.

**EVALUATION CRITERIA
&
WEIGHTED VALUES**

EVALUATION COMMITTEE MEMBERS

Method of Award - The project will be awarded based upon the following criteria:

1. Ranking of qualified proposals by the Selection Committee as per the enclosed rating system.
2. Interviews
 - Interviews at the option of the City. If no interviews, then the scores from the Evaluation Criteria Form shall be utilized to determine the top ranked firm to be selected for the project.
 - If interviews are conducted, interviews will be conducted with the top three ranked firms based of the score from the Evaluation Criteria Form.
 - If interviews are conducted, then only the scores from the Interview Evaluation Form will be utilized to select the top ranked firm. It is noted that the Proposed Fee score will carry over from Evaluation Criteria Form to the Interview Evaluation Form.
3. Consideration and approval of the governing body of the City of Santa Fe. The City Council, as governing body, will consider the Public Utilities and Finance. Committees' recommendations and make the final decisions as to award of contract.

Selection Committee - The selection committee may consist of representatives from the following departments:

- Finance Department
 - Purchasing Officer or Designee
- Public Utilities Department
 - Water Division
 - Director or Designee
 - Engineering Section Engineer(s)
 - Transmission & Distribution Section Manager or Designee
 - Source of Supply Section Representative(s)

The City of Santa Fe reserves the right to alter the size and membership of the Selection Committee. There will be at least one Registered Professional Engineer on the Selection Committee.

Interviews - Interviews may be scheduled by the City of Santa Fe. If scheduled, they will consist of a 30 minute presentation by the Proponents followed by a question and answer session. At the Interview, firms are expected to introduce and involve the engineering

professionals who will be assigned to the project and make them available for questions by the Selection Committee.

EVALUATION CRITERIA FORM

RFP: '15/46/P

PROJECT: PRV SCADA ENGINEERING AND IMPLEMENTATION

NAME OF FIRM: _____

The consultant selection, or short listing for interviews, will be based upon evaluation of the proposal and the Firm's qualifications, relative to the evaluation criteria.

Proposal Component	Weighted Value	(1=low, 10=high)	Total Score	Max Score
Design Approach/ Methodology: Grasp of project requirements	25			250
Firm/Project Team: Relevant experience of firm project and specific qualifications & experience of project team, demonstrated by previous projects	15			150
Past Performance: The quality and timeliness of previous work for the City or other entity; the demonstrated ability to mobilize quickly, control costs, provide competent designs and accurate plans; the ability to meet schedules. List of at least 3 SCADA system projects with references.	15			150
Knowledge of Local Conditions; Industry std. construction practice; labor & trades, bonding, seasonal construction limitations, project site, environmental, regulatory and procurement requirements.	5			50
Work Plan & Project Schedule; discussion of work elements and time frames	15			150
Work Load: Consultant's staff size related to current uncompleted work and the amount of work proposed under this project. The amount of city work, if any, not yet 75% complete.	5			50
Proposed Fees: <i>Is fee reasonable for scope and schedule? A very low fee may reflect a narrow scope, missing scope or a reduced amount of qualified engineer time. A very High fee may reflect us paying firm's learning curve, higher than normal area pay rates or higher effort than is required.</i>	20			200
Total Score	100			1000

Multiply the Total Score by factor of 1.10 if company has an approved Local Preference Certification form included with proposal:

Local Preference Score, if applicable: Total Score x 1.10 = _____

Please do not minimize the importance of an adequate response in any area.

SELECTION COMMITTEE

EVALUATOR SIGNATURE: _____ DATE: _____

INTERVIEW EVALUATION FORM

RFP '15/46/P

PRV SCADA ENGINEERING AND IMPLEMENTATION

CONSULTANT FIRM: _____

Criteria	Weighted Value	(1=low, 10=high)	Total Score	Max Score
1. Grasp of project requirements and Presentation of Management Approach /Methodology: evaluation of firm's discussion and analysis of project and local issues; evaluation of discussion of its project & construction control systems; evaluation of work plan discussion and relationship to fee. Does firm grasp lead times for official actions and do they manage that within their schedule?	30			300
2. Overall technical skills presentation skills: evaluation of discussion of firm's capability to organize and present concepts and technical information with clarity, and credibility, supported by visual, aids. Cost & time control? Claim management & prevention? Dispute & Change Order negotiations?	20			200
3. Project Management: evaluation of firm's & specific project team members' style & efficacy; evaluation of firm's intent to interact with and mentor City professional staff; evaluation of project team's relevant experience & creativity; does this discussion tend to support firm's stated qualifications, experience and expertise?	20			200
4. Proposed Fees: Is fee reasonable for scope and schedule? A very low fee may reflect a narrow scope, missing scope or a reduced amount of qualified engineer time. A very High fee may reflect us paying firm's learning curve, higher than normal area pay rates or higher effort than is required.	30	Carry over Score from Evaluation Criteria Form	_____	300
Total Score	100			1000

Multiply the Total Score by factor of 1.10 if company has an approved Local Preference Certification form included with proposal:

Local Preference Score, if applicable: Total Score x 1.10 = _____

Please do not minimize the importance of an adequate response in any area.

SELECTION COMMITTEE

EVALUATOR SIGNATURE: _____ DATE: _____

EXHIBIT X

EXISTING PRV SCADA PHASE 1 DATA

Site Data Table (1 page)

RTU Photos (1 page)

As-Built Drawings (8 pages)

Pressure Transducer and Piping Assembly (9 pages)

PRV STATION SCADA DATA TABLE

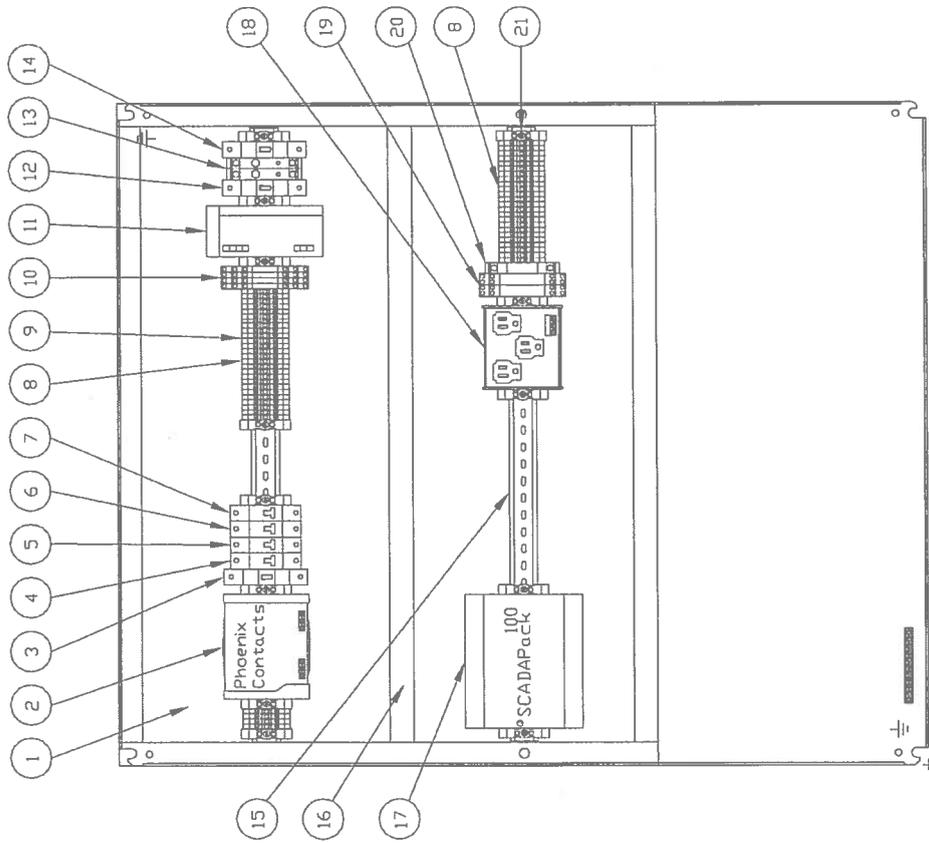
STATION	ZONSRVD	LOCATION	NEAREST STREET ADDRESS	PRVSZS	PRVSZL	PRVPSIS	PRVPSIL	HYDGRADS	HYDGRADL	PRVELEV	PRVMAKE	SVCTYPE	INSTYR	VLMVAP	X	Y	UG / AG	SCADA
1	7-8	AGUA FRIA 200' W. OF SOUTH MEADOWS	5105 AGUA FRIA	2	4	62	62	6608	6597	6446	CLAYTON	PRIMARY	1983	L1301003	1702521.375	1690685.000	UG	Y
2	6-7	CERRILLOS RD @ 'LYN BRAGG'	3572 CERRILLOS RD.	4	8	60	55	6760	6749	6622	CLAYTON	PRIMARY	1970	L1503017	1712623.875	1690467.500	UG	Y
3	6-7	RODEO RD 400' W. OF CAMINO DEL PRADO	3918 RODEO RD.	4	12	73	68	6760	6749	6592	CLAYTON	PRIMARY	1982	M1518001	1713412.625	1687909.875	UG	Y
4	5-6	AGUA FRIA & OSAGE (NEAR FRENCH'S PARK)	2008 AGUA FRIA	4	8	60	55	6890	6878	6750	CLAYTON	PRIMARY	1970	J1601004	1720063.875	1699859.125	UG	Y
5	5-6	CERRILLOS RD @ CAM CARLOS REY	2600 CERRILLOS RD.	4	8	62	57	6890	6878	6747	CLAYTON	PRIMARY	1973	K1603023	1719211.250	1695125.875	UG	Y
6	5-6	SIRINGO RD @ ALAMOSA PL	1999 SIRINGO RD.	4	8	62	57	6890	6878	6746	CLAYTON	PRIMARY	1966	K1619003	1721120.375	1692749.375	UG	Y
7	5-6	RODEO RD @ MELECIO	RODEO RD. & CALLE MELECIO	4	8	64	59	6890	6878	6743	CLAYTON	PRIMARY	1977	M1618001	1720554.250	1687680.375	UG	Y
8	5-6	PASAJE CORTO @ CAMINO CARLOS REY	2799 PASAJE CORTO	2	6	77	72	6890	6878	6742	CLAYTON	PRIMARY	1983	M1603014	1719895.875	1685942.500	UG	Y
9	4-5	PINE @ W. ALAMEDA	101 PINE STREET	2	6	70	65	7014	7002	6852	CLAYTON	BACKUP	1959	H1701014	1725833.875	1705564.125	UG	Y
13	2-3	CANYON RD BY SERVICE BASIN & HYDRO BOOST	CANYON ROAD @ CAMINO CABRA	4	12	59	54	7288	7276	7151	CLAYTON	PRIMARY	1973	I1903068	1739508.177	1702847.628	UG	Y
21	2-3	OLD SANTA FE TR @ CAMINO CORRALES	974 CAMINO CORRALES	2	4	60	55	7288	7276	7150	CLAYTON	PRIMARY	1973	J1915003	1735290.125	1699918.750	UG	Y
26	1-2	MANSION RIDGE RD @ VISTA HERMOSA	1105 MANSION RIDGE RD.	2	8	67	62	7437	7525	7282	CLAYTON	PRIMARY	1975	E1913001	1736329.750	1716737.250	UG	Y
29	1-2	GONZALES RD @ RES #639	839 GONZALES RD.	4	8	65	60	7437	7525	7286	CLAYTON	PRIMARY	1972	G1904003	1739881.500	1711141.125	AG	Y
37	7-8	SANTA FE FACTORY OUTLET	7522 CERRILLOS RD.	4	10	70	65	0	0	6446	CLAYTON	PRIMARY	0	N1403003	1706144.250	1680999.625	UG	Y
39	7-8	AIRPORT ROAD AND PASEO DEL SOL	3900 PASEO DEL SOL	3	8	62	57	6608	6597	6446	CLAYTON	PRIMARY	1985	M1301004	1701720.250	1686807.250	UG	Y
40	6-7	ATOCHA DR @ RUFINAL ST	30 CAMINO ATOCHA	4	10	63	58	6760	6749	6614	CLAYTON	PRIMARY	1992	K1501002	1712623.875	1692929.625	UG	Y
51	2-3	CALLE DAVID @ FH #2721	828 CALLE DAVID	4	6	47	42	7257	7248	7160	CLAYTON	BACKUP	2004	F1803018	1729514.233	1713956.937	AG	Y
MCS	Existing	Transmission & Distribution Building	801 San Mateo Road	Master Control Station / Server at T&D Building at 801 W. San Mateo Rd														Y



Typical RTU Enclosure & Electric Meter Pedestal (PRV Station No. 7)



Typical RTU Panel (PRV Station No. 7)



21	249 Endstop	VAGD 249 Endstop	13
20	38 22 8	Phoenix Contact	24
19	MCR-ICLP-1/1-00	Phoenix Contact Isolator	2
18	FA-REC-3	Automation Direct Outlets	1
17	VI-133-01-0-1	Control Microsystems 100	1
16	FIX3LG6/CLIG6	Panduit 3"x1" Gray & Cover	24ft
15	199-DR1	Allen Bradley Din Rail	6ft
14	1492-SPIC20	Allen Bradley Breakers	1
13	1492-GH002	Allen Bradley Breakers	2
12	1492-SPIC20	Allen Bradley Breakers	1
11	2938578	Phoenix Contact 24Vdc2.5A	1
10	700-TBR24	Allen Bradley Relays	4
9	1492-EB3	Allen Bradley End cover	6
8	1492-J3	Allen Bradley Terminals	54
7	1492-SPIC020	Allen Bradley Breaker - 5A	1
6	1492-SPIC150	Allen Bradley Breaker - 2A	1
5	1492-SPIC020	Allen Bradley Breaker - 15A	1
4	1492-SPIC050	Allen Bradley Breaker - 2A	1
3	5SX21	Siemens - C20 Main Breaker	1
2	SFP 1-20/120A	Phoenix Contact SFP PVSS	1
1	A36P30	Hoffman - Panel	1
	Item/Part Number	Description	Qty

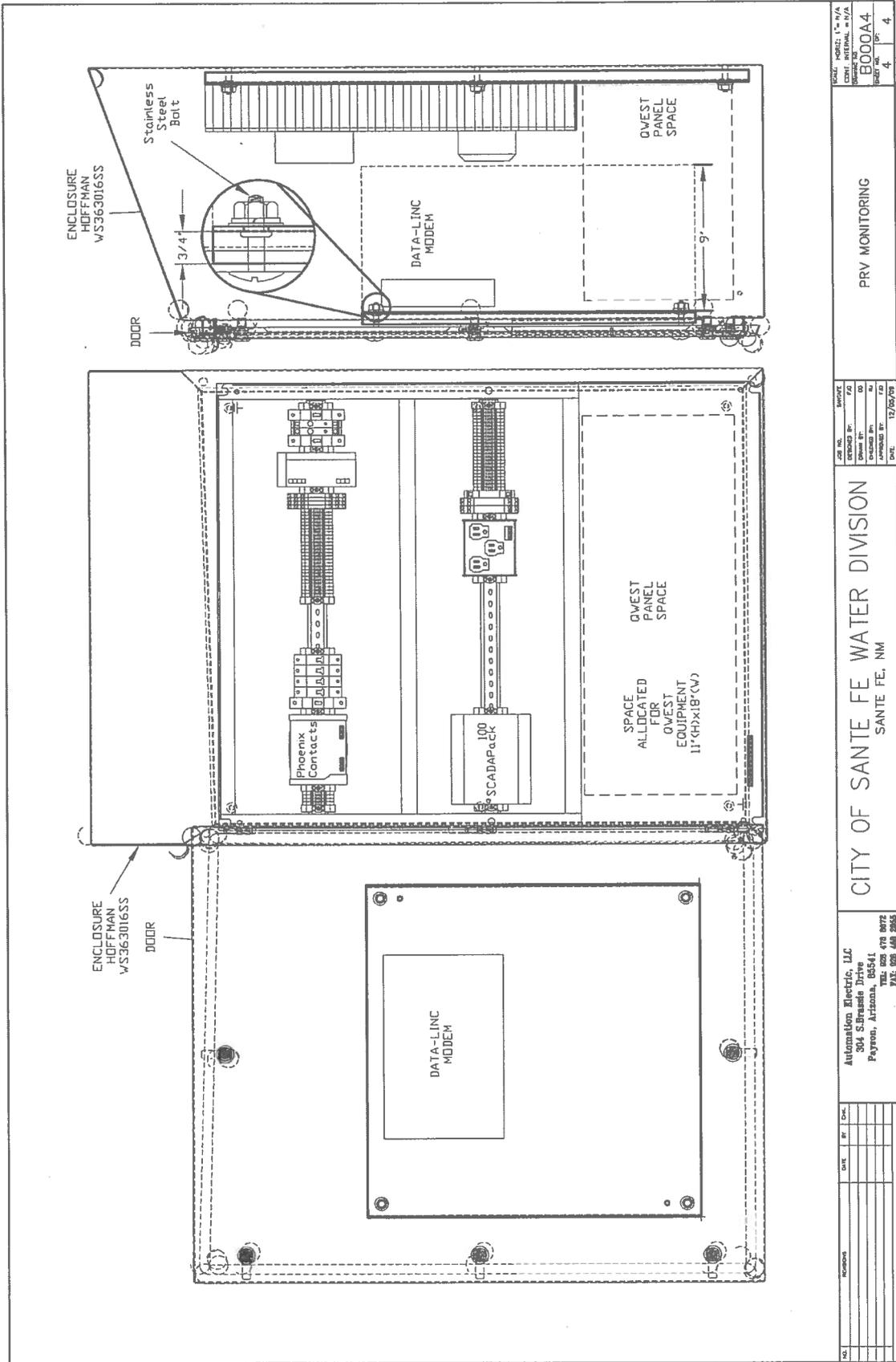
SCALE: PANELS - 1" = 16" / 4"
 CONT. INTERNALS - 1/4" = 1"
 B000A3
 SHEET NO. 3 OF 4

DATE: 12/05/08
 APPROVED BY: [Signature]
 CHECKED BY: [Signature]
 DRAWN BY: [Signature]
 PROJECT NO.: [Blank]
 PRV MONITORING

CITY OF SANTE FE WATER DIVISION
 SANTE FE, NM

Automation Electric, LLC
 304 S. Brasada Drive
 Payson, Arizona, 85541
 TEL: 908 470 8072
 FAX: 908 480 2045

NO.	REVISION	DATE	BY	CHK.



SCALE: HORIZ. 1" = 4' V. 1" = 4'
 CENTER INTERVAL = N/A
 DRAWING NO. B000A4
 SHEET NO. 4 OF 4

PRV MONITORING

DATE	BY	APPROVED BY	DATE
12/25/98			

CITY OF SANTE FE WATER DIVISION
 SANTE FE, NM

Automation Electric, LLC
 304 S. Brasada Drive
 Payson, Arizona, 85541
 TEL: 908 478 0872
 FAX: 908 488 2855

NO.	REVISIONS	DATE	BY	CHK.

ADDITIONAL KEYED NOTES TO DWG. #B000A1

Date: 11/2/10

Note: See attached Dwg #B000A1 with keyed note mark-ups as follows.

ITEM

1. Add keyed note as follows:
#12 – Install 1 ¼" Tee Condulet with a conduit extended to a 2 Gang Bell Box with blank cover for future Cathodic Protection "and" extend another conduit to a GFCI outlet per keyed note #9.
2. Add keyed note as follows:
#13 – Core drill penetrations and use "Link Seal" to seal.
3. Add keyed note as follows:
#14 – Install Handley #M2FW (Black) L Monitoring Station with Lid #LIT2I5(Black)2LN. Install flush in top of Telemetry Cabinet concrete pad.
4. Add keyed note as follows:
#15 – Install #12 solid copper trace wires in open ditches on conduit runs indicated on drawing and per City of Santa Fe Public Utilities Dept. Water Div. "Construction Standards and Specifications" Section C28 and Trace Wire Detail Dwg #24. Not required if conduit is bored or previously installed.
5. Add keyed note as follows:
#16 - Install seal offs at this location.
6. Add keyed note as follows:
#17 – Install 120/240 Volt 200 Amp 10 KAIC Rated Underground Meter Pedestal with By-Pass Lever, Pent-a-head option, 100 Amp 2 Pole Main Circuit Breaker, 12 full size 1 Pole Provisions, per PNM Service Electric Guide Dwg. #MS-5-2.0 and DS-4-10.0. Provide 3 each 1 pole 20 amp circuit breakers.
7. Add keyed note as follows:
#18 – Install Hoffman Enclosure #WS303616SS with Hoffman #APLKJIC6SS Padlock Kit.
8. Add keyed note as follows:
#19 – For Telemetry Enclosure mounting options and pad details, see attached Sketch # SK001, SK002 and SK003 Dated 11/2/10. Heights for 1 ¼" Seal Off (5.06") and Hub (1.12") based on Appleton #'s EYSF125 and HUB-125D. 1 ¼" is the largest Seal Off that will be required under the Telemetry Cabinet.
9. Amend first Line Item to "Conduit & Wire Schedule" as follows:
Remove "As per PNM Spec" and
Replace with " 3 each #4 XHHW Cu Stranded"



McDADE-WOODCOCK, INC.

JOB PRV VAULTS

SHEET NO. 1 OF 1

DATE 11/2/10

Note: Use of Floor Stand Kit eliminates need for strut support

Hoffman #WS303016SS Enclosure

Front View

42.64'

30'

Option B - Add Stainless Steel covers front + back of Floor stands - Attached w/ 1/4-20 Tamper proof SS Hardware

Use 1/4-20 x 3/4 Stainless RHMS to Bolt Enclosure to Floor Stand 5 Each per stand

Hoffman #AFK1216SS Floor Stand Kit

12'

Use 3/8-16 Drop in Stainless Anchors/Holw to mount Floor stands. 3 Each per stand

Grade

2.0'

Pad Dimensions = 30' x 42' x 12' #4 Rebar 12" O.C.

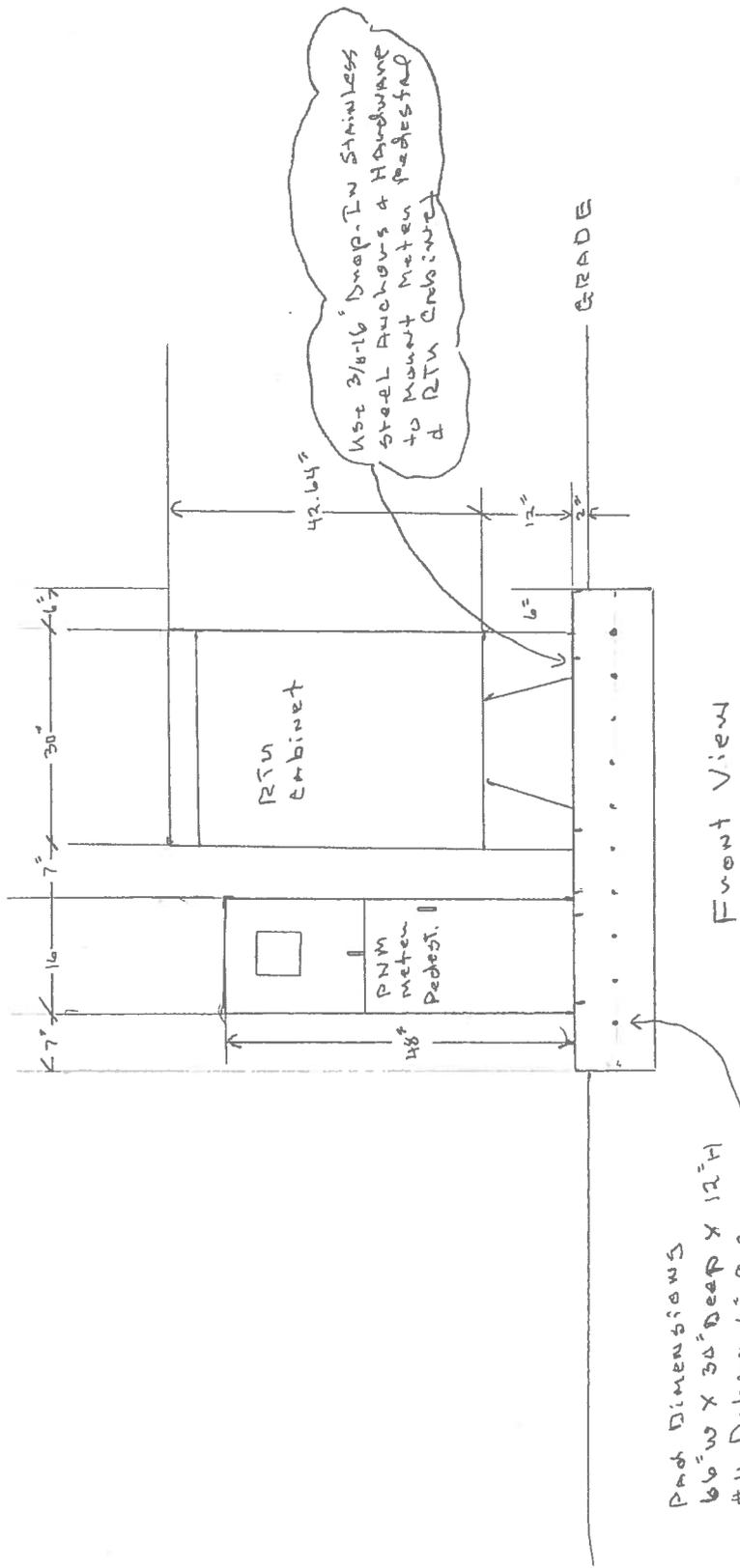
Option B "Floor Stand Mounting with Covers"

Dwg # "SK003"

Dated: 11/2/10

Scale: 3/4" = 1'

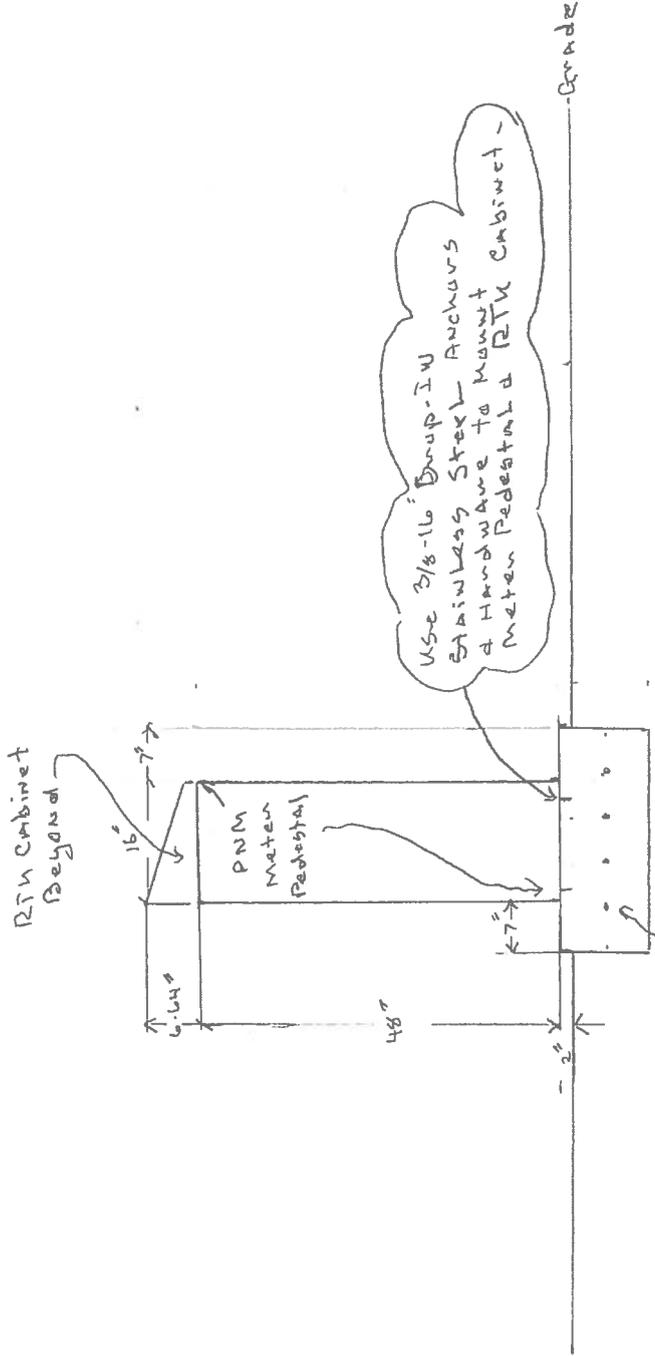
Prepared by: CR



Pad Dimensions
 66" W X 30" Deep X 12" H
 #4 Rebar 6" O.C.
 Both Directions

Dwg. "SK004" Sht 1 of 2
 "Combined RTU/Meter Pedestal"
 Concrete Pad

Dated: 5/10/11
 Scale: 3/4" = 1 Ft.
 Prepared By: CR



Ped Dimensions
 6" W x 30" D x 12" H
 #4 Rebar 6" O.C.
 Both Directions

Side View
 (Meter Side)
 Duct "5x604" Snd 2 of 2
 "Combined RTU/Meter Pedestal
 Concrete Pad"

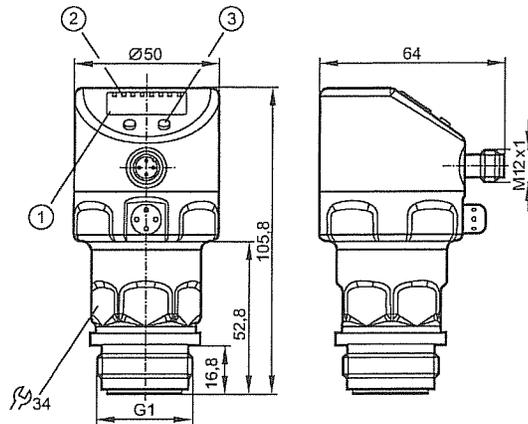
Use 3/8-16 Drop-In
 Stainless Steel Anchors
 & Hardware to Mount
 Meter Pedestal & RTU Cabinet -

Dated: 5/10/11
 Scale: 3/4" = 1 FT
 Prepared by: CR

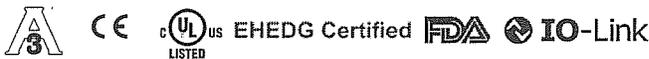


PI2793

Pressure sensors



- 1: 4-digit alphanumeric display
- 2: LEDs
- 3: Programming button



Made in Germany

Product characteristics

Combined pressure sensor
Quick disconnect
Process connection: G 1 A / Aseptoflex Vario
Display units:
bar, psi, MPa, % of the span
Function programmable
2-wire connection technology:
analogue output
3-wire connection technology:
2 outputs
OUT1 = switching output
OUT2 = switching output or analogue output
4-digit alphanumeric display
Measuring range: -1.00...25.00 bar / -14.4...362.7 psi / -0.100...2.500 MPa

Application

Application	Type of pressure: relative pressure Hygienic systems, viscous media and liquids with suspended particles Liquids and gases		
Pressure rating	100 bar	1450 psi	10 MPa
Bursting pressure min.	350 bar	5070 psi	35 MPa
Medium temperature [°C]	-25...125 (145 max. 1h)		

Electrical data

Electrical design	2 wires DC / 3 wires DC PNP/NPN		
Operating voltage [V]	20...32 DC (2L) / 18...32 DC (3L)		
Current consumption [mA]	3.6...21 (2L) / < 45 (3L)		
Insulation resistance [MΩ]	> 100 (500 V DC)		
Protection class	III		
Reverse polarity protection	yes		

Outputs



PI2793

Output	2-wire connection technology: analogue output 3-wire connection technology: 2 outputs OUT1 = switching output OUT2 = switching output or analogue output		
Output function	1 x normally open / normally closed programmable + 1 x normally open / normally closed programmable or 1 x analog (4...20 / 20...4 mA, scalable)		
Current rating [mA]	--- (2L) / 250 (3L)		
Voltage drop [V]	--- (2L) / < 2 (3L)		
Short-circuit protection	Yes (non-latching)		
Overload protection	yes		
Switching frequency [Hz]	--- (2L) / 125 (3L)		
Analog output	I: 4...20 mA (Ineg: 20...4 mA)		
Max. load [Ω]	300 (2L) / max. (U _b - 10 V) x 50 (3L)		

Measuring / setting range			
Measuring range	-1.00...25.00 bar	-14.4...362.7 psi	-0.100...2.500 MPa
Setting range			
Set point, SP	-0.96...25.00 bar	-13.8...362.7 psi	-0.096...2.500 MPa
Reset point, rP	-1.00...24.96 bar	-14.4...362.1 psi	-0.100...2.496 MPa
Analog start point, ASP	-1.00...18.74 bar	-14.4...271.8 psi	-0.100...1.874 MPa
Analog end point, AEP	5.24...25.00 bar	76.2...362.7 psi	0.524...2.500 MPa
in steps of	0.02 bar	0.3 psi	0.002 MPa
Factory setting	SP1 = 6.24 bar; rP1 = 5.74 bar SP2 = 18.74 bar; rP2 = 18.24 bar ASP = 0.00 bar; AEP = 25.00 bar		

Accuracy / deviations	
Accuracy / deviations (in % of the span) Turn down 1:1	
Switch point accuracy	< ± 0.2
Characteristics deviation *)	< ± 0.2
Linearity	< ± 0.15
Hysteresis	< ± 0.15
Repeatability **)	< ± 0.1
Long-term stability ***)	< ± 0.1
Temperature coefficients (TEMPCO) in the temperature range 0...70° C (in % of the span per 10 K)	
Greatest TEMPCO of the zero point	< ± 0.05
Greatest TEMPCO of the span	< ± 0.15

Reaction times	
Power-on delay time [s]	1 (2L) / 0.5 (3L)
Integrated watchdog	yes

Interfaces	
IO-Link Device	
Transfer type	COM2 (38.4 kBaud)

Environment	
Ambient temperature [°C]	-25...80
Storage temperature [°C]	-40...100
Protection	IP 67 / IP 68 / IP 69K



PI2793

Pressure sensors

Tests / approvals

EMC	EN 61000-4-2 ESD: 4 kV CD / 8 kV AD EN 61000-4-3 HF radiated: 10 V/m EN 61000-4-4 Burst: 2 kV EN 61000-4-5 Surge: 0.5/1 kV EN 61000-4-6 HF conducted: 10 V
Shock resistance	DIN IEC 68-2-27: 50 g (11 ms)
Vibration resistance	DIN IEC 68-2-6: 20 g (10...2000 Hz)
MTTF [Years]	160

Mechanical data

Process connection	G 1 A / Aseptoflex Vario
Materials (wetted parts)	ceramics (99.9 % Al ₂ O ₃); PTFE; stainless steel 316L / 1.4435; surface characteristics: Ra < 0.4 / Rz 4
Housing materials	stainless steel 316L / 1.4404; FPM (Viton); PTFE; PBT (Pocan); PEI; PFA
Switching cycles min.	100 million
Weight [kg]	0.313

Displays / operating elements

Display	Display unit LED green Switching status LED yellow Function display 4-digit alphanumeric display Measured values 4-digit alphanumeric display
---------	--

Electrical connection

Connection	M12 connector; gold-plated contacts
------------	-------------------------------------

Wiring

1 connection for 2-wire operation
2 connection for 3-wire operation
3 connection for IO-Link parameter setting (P = communication via IO-Link)

Remarks

Remarks	(2L) = value for 2-wire operation (3L) = value for 3-wire operation *) linearity, incl. hysteresis and repeatability; (limit value setting to DIN 16086) **) with temperature fluctuations < 10 K ***) in % of the span per year
---------	---

Pack quantity [piece]	1
-----------------------	---

Other data

Step response time analogue output [ms]	45 (2L) / 7 (3L)
---	------------------

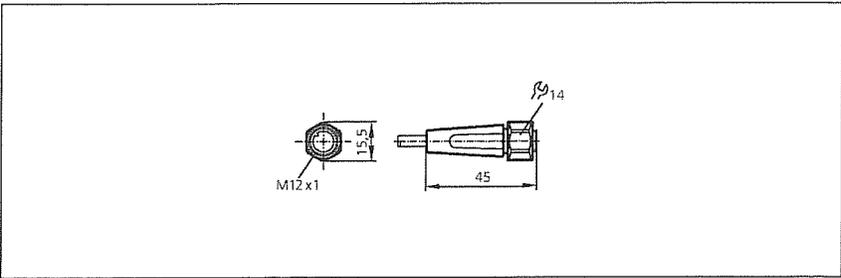


PI2793

Min. response time switching output [ms]	--- (2L) / 3 (3L)
Damping for the switching output (dAP) [s]	0.00...30.00
Damping for the analog output (dAA) [s]	0.01...99.99

Connection technology

EVT001
 ADOGH040VAS0005E04
 Socket
 For sensors with
 M12 connector
 Free from silicone
 gold-plated contacts



Made in Germany

For hygienic and wet areas in the food industry

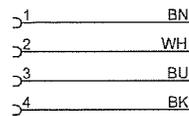


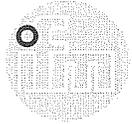
Electrical design	
Operating voltage	[V]
Current rating	[A]
Design	
Ambient temperature	[°C]
Protection	
Material body	
Material nut	
Tightening torque for knurled nut [Nm]	
Connection	
Sheath color	
Weight	[kg]
Remarks	

AC/DC	
250 AC / 300 DC	
4	
straight	
-25...100 *)	
IP 67 / IP 68 / IP 69K, II	
housing: PVC orange; sealing: EPDM	
stainless steel 316L / 1.4404	
0.6...1.5	
PVC cable / 5 m;	
4 x 0.34 mm ² (42 x Ø 0.1 mm); Ø 4.9 mm	
orange	
0.192	
*) cRUus: max. 50 °C	

Wiring

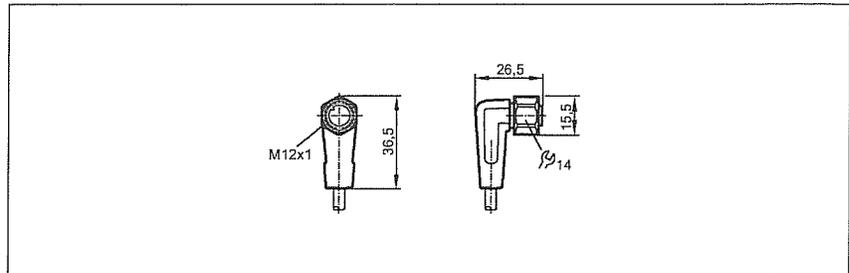
Core colors
 BK black
 BN brown
 BU blue
 WH white





Connection technology

EVT004
 ADOAH040VAS0005E04
 Socket
 For sensors with
 M12 connector
 Free from silicone
 gold-plated contacts



Made in Germany

For hygienic and wet areas in the food industry

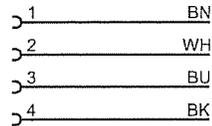


Electrical design	
Operating voltage	[V]
Current rating	[A]
Design	
Ambient temperature	[°C]
Protection	
Material body	
Material nut	
Tightening torque for knurled nut	[Nm]
Connection	
Sheath color	
Weight	[kg]
Remarks	

AC/DC	
250 AC / 300 DC	
4	
angled	
-25...100 *)	
IP 67 / IP 68 / IP 69K, II	
housing: PVC orange; sealing: EPDM	
stainless steel 316L / 1.4404	
0.6...1.5	
PVC cable / 5 m; 4 x 0.34 mm ² (42 x Ø 0.1 mm); Ø 4.9 mm	
orange	
0.191	
*) cRUus: max. 50 °C	

Wiring

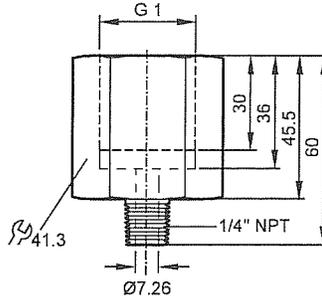
Core colors
 BK black
 BN brown
 BU blue
 WH white





U30026

Accessories



Product characteristics

G 1 - 1/4" NPT

Adapter

Mechanical data

Housing materials stainless steel (316)

Remarks

Pack quantity [piece] 1

Other data

Perm. overload pressure [bar] 100

PRV SCADA PHASE 1
PRESSURE TRANSMITTER ASSEMBLY
AUGUST 13, 2012

Refer to attached schematic titled "Pressure Transmitter Assembly"



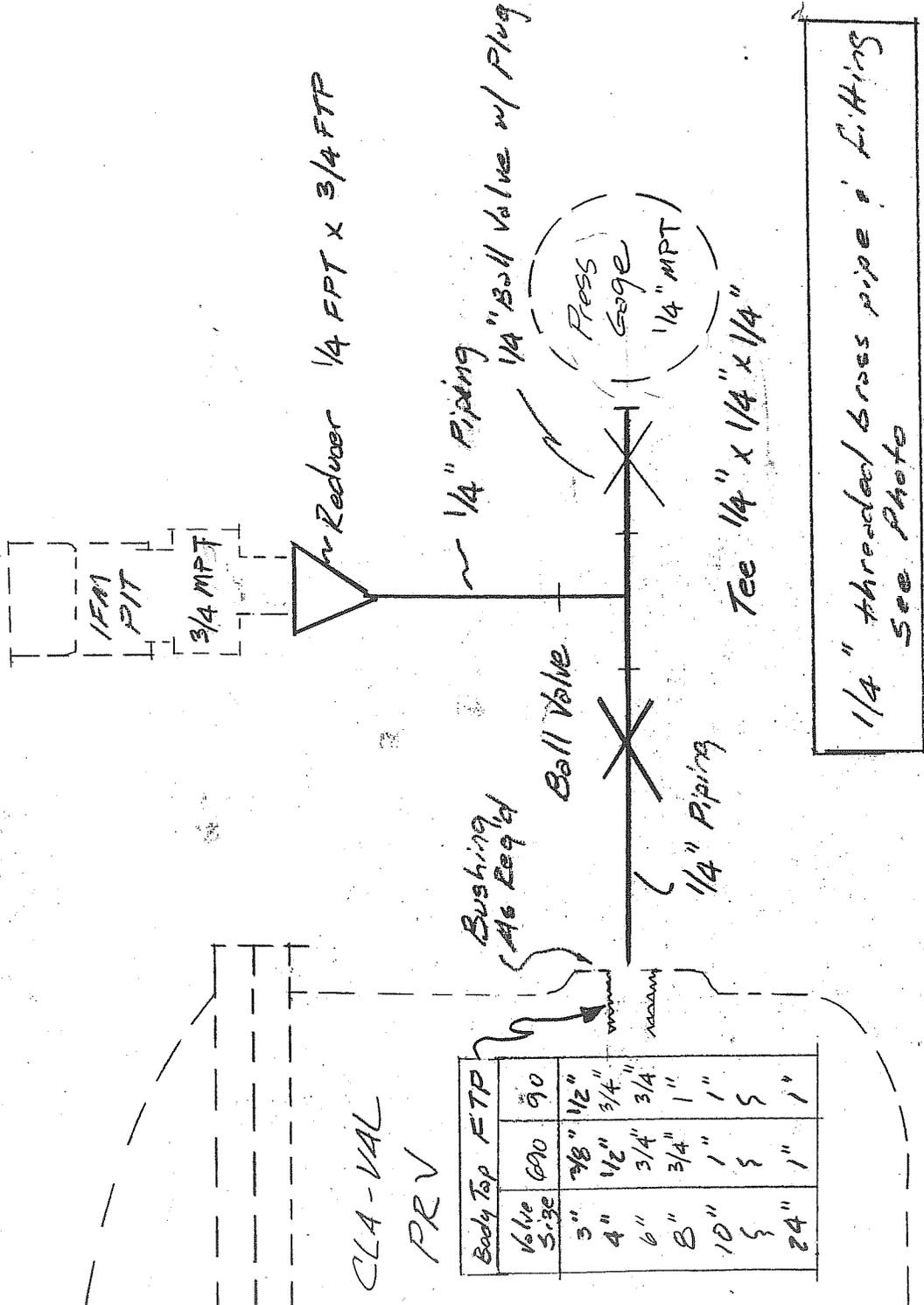
Photo: Pressure Transmitter Assembly (1/4" threaded brass pipe and fittings)

Materials

- (1) Bushing 3/4" MPT x 1/4" FPT (outside diameter varies – price as listed)
- (1) 1/4" Nipple 1-1/2" MPT ** (length varies – price as listed)
- (3) 1/4" Close Nipples MPT
- (2) 1/4" Ball Valve FPT
- (1) 1/4" Tee FPT
- (1) 1/4" Plug MPT (Not shown in photo)
- (1) Reducer 1/4" FTP X 3/4" FPT

Stainless Steel Alternate

Use stainless steel tubing and fittings -- Swagelok materials Or Approved Equal. Provide sketch with material list. End connections must match schematic titled "Pressure Transmitter Assembly". Size tubing to be self supporting.



CLA-VAL
PRV

Valve Size	Body Top FPT
3"	90
4"	1/2"
6"	3/4"
8"	1"
10"	1"
12"	1"
14"	1"
16"	1"
18"	1"
20"	1"
24"	1"

NOTES
 MPT = Male National Pipe Thread.
 FPT = Female " " "
 17 Assemblies Req'd

PRESSURE TRANSMITTER
 ASSEMBLY SCHEMATIC
 8-9-12

INSTRUCTIONS RELATING TO LOCAL PREFERENCE CERTIFICATION FORM

1. **All information must be provided.** A 10% local preference may be available for this procurement. To qualify for this preference, an offeror **must** complete and submit **the local preference certification form with its offer**. If an offer is received without the form attached, completed, notarized, and signed or if the form is received without the required information, the preference will not be applied. **The local preference form or a corrected form will not be accepted after the deadline for receipt of bids or proposals.**
2. **Local Preference precedence over State Preference:** The Local Preference takes precedence over the State Resident Preference and only one such preference will be applied to any one bid or proposal. If it is determined that the local preference applies to one or more offerors in any solicitation, the State Resident Preference will not be applied to any offers.
3. **Principal Office and location must be stated:** To qualify for the local preference, the principal place of business of the enterprise must be physically located within the Santa Fe County Geographic Boundaries. The business location inserted on the Form must be a physical location, street address or such. **DO NOT use a post office box or other postal address. Principal place of business must have been established no less than six months preceding application for certification.**
4. **Subcontractors do not qualify:** Only the business, or if joint venture, one of the parties of the joint venture, which will actually be performing the services or providing the goods solicited by this request and will be responsible under any resulting contract will qualify for this preference. A subcontractor may not qualify on behalf of a prime contractor.
5. **Definition:** The following definition applies to this preference.

A local business is an entity with its Principal office and place of business located in Santa Fe County.

A Principal office is defined as: The main or home office of the business as identified in tax returns, business licenses and other official business documents. A Principal office is the primary location where the business conducts its daily operations, for the general public, if applicable. A temporary location or movable property, or one that is established to oversee a City of Santa Fe project does not qualify as a Principal office.

Additional Documentation: If requested a business will be required to provide, within 3 working days of the request, documentation to substantiate the information provided on the form. Any business which must be registered under state law must be able to show that it is a business entity in good standing if so requested.

RESIDENT VETERANS PREFERENCE CERTIFICATION

_____ (NAME OF CONTRACTOR) hereby certifies the following in regard to application of the resident veterans' preference to this procurement.

Please check one box only:

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is less than \$1M allowing me the 10% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is more than \$1M but less than \$5M allowing me the 8% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is more than \$5M allowing me the 7% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

I agree to submit a report or reports to the State Purchasing Division of the General Services Department declaring under penalty of perjury that during the last calendar year starting January 1 and ending on December 31, the following to be true and accurate:

In conjunction with this procurement and the requirements of this business application for a Resident Veteran Business Preference/Resident Veteran Contractor Preference under Sections 13-1-21 or 13-1-22 NMSA 1978, which awarded a contract which was on the basis of having such veterans preference, I agree to report to the State Purchasing Division of the General Services Department the awarded amount involved. I will indicate in the report the award amount as a purchase from a public body or as a public works contract from a public body as the case may be.

I understand that knowingly giving false or misleading information on this report constitutes a crime.

I declare under penalty of perjury that this statement is true to the best of my knowledge. I understand that giving false or misleading statements about material fact regarding this matter constitutes a crime.

(Signature of Business Representative)* (Date)

*Must be an authorized signatory of the Business.

The representation made by checking the above boxes constitutes a material representation by the business. If the statements are proven to be incorrect, this may result in denial of an award or un-award of the procurement.

SIGNED AND SEALED THIS _____ DAY OF _____, 2012.

NOTARY PUBLIC

My Commission Expires:

REQUEST FOR PROPOSALS
CITY OF SANTA FE
PROFESSIONAL SERVICES AGREEMENT

THIS AGREEMENT is made and entered into by and between the City of Santa Fe (the "City") and _____ (the "Contractor"). The date of this Agreement shall be the date when it is executed by the City and the Contractor, whichever occurs last.

1. SCOPE OF SERVICES

The Contractor shall provide the following professional services for the City:

A. Engineering design and implementation of an updated SCADA system for 17 existing PRV stations using a modular cellular RTU with built in Human Machine Interface (HMI). Proponent shall be responsible for providing a turn-key solution including all necessary system design, equipment, installation, programming, configuration, testing, training, commissioning and startup to provide the City of Santa Fe a complete and operable PRV SCADA system including radio communication link between San Mateo monopole and new Master telemetry unit via Transmission and Distribution headquarters.

2. STANDARD OF PERFORMANCE; LICENSES

A. The Contractor represents that it possesses the experience and knowledge necessary to perform the services described under this Agreement.

3. COMPENSATION

A. The City shall pay to the Contractor in full payment for services rendered, a sum not to exceed _____, plus/inclusive of applicable gross receipts taxes.

B. The Contractor shall be responsible for payment of gross receipts taxes levied by the State of New Mexico on the sums paid under this Agreement.

C. Payment shall be made upon receipt and approval by the City of detailed statements containing a report of services completed. Compensation shall be paid only for services actually performed and accepted by the City.

4. APPROPRIATIONS

The terms of this Agreement are contingent upon sufficient appropriations and authorization being made by the City for the performance of this Agreement. If sufficient appropriations and authorization are not made by the City, this Agreement shall terminate upon written notice being given by the City to the Contractor. The City's decision as to whether sufficient appropriations are available shall be accepted by the Contractor and shall be final.

5. TERM AND EFFECTIVE DATE

This Agreement shall be effective when signed by the City and terminate on _____ unless sooner pursuant to Article 6 below.

6. TERMINATION

A. This Agreement may be terminated by the City upon 10 days written notice to the Contractor.

(1) The Contractor shall render a final report of the services performed up to the date of termination and shall turn over to the City original copies of all work product, research or papers prepared under this Agreement.

(2) If compensation is not based upon hourly rates for services rendered, the City shall pay the Contractor for the reasonable value of services satisfactorily performed through the date Contractor receives notice of such termination, and for which compensation has not already been paid.

(3) If compensation is based upon hourly rates and expenses, then Contractor shall be paid for services rendered and expenses incurred through the date Contractor receives notice of such termination.

7. STATUS OF CONTRACTOR; RESPONSIBILITY FOR PAYMENT OF EMPLOYEES AND SUBCONTRACTORS

A. The Contractor and its agents and employees are independent contractors performing professional services for the City and are not employees of the City. The Contractor, and its agents and employees, shall not accrue leave, retirement, insurance, bonding, use of City vehicles, or any other benefits afforded to employees of the City as a result of this Agreement.

B. Contractor shall be solely responsible for payment of wages, salaries and benefits to any and all employees or subcontractors retained by Contractor in the performance of the services under this Agreement.

C. The Contractor shall comply with City of Santa Fe Minimum Wage, Article 28-1-SFCC 1987, as well as any subsequent changes to such article throughout the term of this Agreement.

8. CONFIDENTIALITY

Any confidential information provided to or developed by the Contractor in the performance of this Agreement shall be kept confidential and shall not be made available to any individual or organization by the Contractor without the prior written approval of the City.

9. CONFLICT OF INTEREST

The Contractor warrants that it presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of services required under this Agreement. Contractor further agrees that in the performance of this Agreement no persons having any such interests shall be employed.

10. ASSIGNMENT; SUBCONTRACTING

The Contractor shall not assign or transfer any rights, privileges, obligations or other interest under this Agreement, including any claims for money due, without the prior written consent of the City. The Contractor shall not subcontract any portion of the services to be performed under this Agreement without the prior written approval of the City.

11. RELEASE

The Contractor, upon acceptance of final payment of the amount due under this Agreement, releases the City, its officers and employees, from all liabilities, claims and obligations whatsoever arising from or under this Agreement. The Contractor agrees not to purport to bind the City to any obligation not assumed herein by the City unless the

Contractor has express written authority to do so, and then only within the strict limits of that authority.

12. INSURANCE

A. The Contractor, at its own cost and expense, shall carry and maintain in full force and effect during the term of this Agreement, comprehensive general liability insurance covering bodily injury and property damage liability, in a form and with an insurance company acceptable to the City, with limits of coverage in the maximum amount which the City could be held liable under the New Mexico Tort Claims Act for each person injured and for each accident resulting in damage to property. Such insurance shall provide that the City is named as an additional insured and that the City is notified no less than 30 days in advance of cancellation for any reason. The Contractor shall furnish the City with a copy of a Certificate of Insurance as a condition prior to performing services under this Agreement.

B. Contractor shall also obtain and maintain Workers' Compensation insurance, required by law, to provide coverage for Contractor's employees throughout the term of this Agreement. Contractor shall provide the City with evidence of its compliance with such requirement.

C. Contractor shall maintain professional liability insurance throughout the term of this Agreement providing a minimum coverage in the amount required under the New Mexico Tort Claims Act. The Contractor shall furnish the City with proof of insurance of Contractor's compliance with the provisions of this section as a condition prior to performing services under this Agreement.

13. INDEMNIFICATION

The Contractor shall indemnify, hold harmless and defend the City from all losses, damages, claims or judgments, including payments of all attorneys' fees and costs on account of any suit, judgment, execution, claim, action or demand whatsoever arising from Contractor's performance under this Agreement as well as the performance of Contractor's employees, agents, representatives and subcontractors.

14. NEW MEXICO TORT CLAIMS ACT

Any liability incurred by the City of Santa Fe in connection with this Agreement is subject to the immunities and limitations of the New Mexico Tort Claims Act, Section 41-4-1, et. seq. NMSA 1978, as amended. The City and its "public employees" as defined in the New Mexico Tort Claims Act, do not waive sovereign immunity, do not waive any defense and do not waive any limitation of liability pursuant to law. No provision in this Agreement modifies or waives any provision of the New Mexico Tort Claims Act.

15. THIRD PARTY BENEFICIARIES

By entering into this Agreement, the parties do not intend to create any right, title or interest in or for the benefit of any person other than the City and the Contractor. No person shall claim any right, title or interest under this Agreement or seek to enforce this Agreement as a third party beneficiary of this Agreement.

16. RECORDS AND AUDIT

The Contractor shall maintain, throughout the term of this Agreement and for a period of three years thereafter, detailed records that indicate the date, time and nature of services rendered. These records shall be subject to inspection by the City, the Department of Finance and Administration, and the State Auditor. The City shall have the

right to audit the billing both before and after payment. Payment under this Agreement shall not foreclose the right of the City to recover excessive or illegal payments.

17. APPLICABLE LAW; CHOICE OF LAW; VENUE

Contractor shall abide by all applicable federal and state laws and regulations, and all ordinances, rules and regulations of the City of Santa Fe. In any action, suit or legal dispute arising from this Agreement, the Contractor agrees that the laws of the State of New Mexico shall govern. The parties agree that any action or suit arising from this Agreement shall be commenced in a federal or state court of competent jurisdiction in New Mexico. Any action or suit commenced in the courts of the State of New Mexico shall be brought in the First Judicial District Court.

18. AMENDMENT

This Agreement shall not be altered, changed or modified except by an amendment in writing executed by the parties hereto.

19. SCOPE OF AGREEMENT

This Agreement incorporates all the agreements, covenants, and understandings between the parties hereto concerning the services to be performed hereunder, and all such agreements, covenants and understandings have been merged into this Agreement. This Agreement expresses the entire Agreement and understanding between the parties with respect to said services. No prior agreement or understanding, verbal or otherwise, of the parties or their agents shall be valid or enforceable unless embodied in this Agreement.

20. NON-DISCRIMINATION

During the term of this Agreement, Contractor shall not discriminate against any employee or applicant for an employment position to be used in the performance of services by Contractor hereunder, on the basis of ethnicity, race, age, religion, creed, color, national origin, ancestry, sex, gender, sexual orientation, physical or mental disability, medical condition, or citizenship status.

21. SEVERABILITY

In case any one or more of the provisions contained in this Agreement or any application thereof shall be invalid, illegal or unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions contained herein and any other application thereof shall not in any way be affected or impaired thereby.

22. NOTICES

Any notices required to be given under this Agreement shall be in writing and served by personal delivery or by mail, postage prepaid, to the parties at the following addresses:

City of Santa Fe:
Water Division Director
Water Division
801 W. San Mateo
Santa Fe, NM 87504

Contractor:

IN WITNESS WHEREOF, the parties have executed this Agreement on the date set forth below.

CITY OF SANTA FE:

CONTRACTOR:

JAVIER M. GONZALES, MAYOR

NAME & TITLE

DATE: _____

DATE: _____

CRS# _____
CITY OF SANTA FE BUSINESS
REGISTRATION# _____

ATTEST:

YOLANDA Y. VIGIL, CITY CLERK

APPROVED AS TO FORM:

ADM 6/9
KELLEY A. BRENNAN, CITY ATTORNEY

APPROVED:

OSCAR RODRIGUEZ, FINANCE DEPARTMENT

52305.572960
Business Unit Line Item

Living Wage Ordinance

Ordinance Number §28-1 28-1.12 SFCC 1987

Purpose:

The City of Santa Fe Living Wage Ordinance was adopted to establish minimum hourly wages.

Who it affects:

- All profit and nonprofit businesses required to have a business license or business registration with the City of Santa Fe.

Compliance:

- Affected businesses are required to pay employees an hourly wage of \$10.84 effective March 1, 2015.
- Beginning January 1, 2009, and each year thereafter, the minimum wage shall be adjusted upward by an amount corresponding to the previous year's increase, if any, in the Consumer Price Index for the Western Region for Urban Wage Earners and Clerical Workers.
- For workers who customarily receive more than \$100 per month in tips or commissions, any tips or commissions received and retained by a worker shall be counted as wages and credited toward satisfaction of the minimum wage provided that, for tipped workers, all tips received by such workers are retained by the workers, except that the pooling of tips among workers shall be permitted.
- The value of health care benefits and child care shall be considered as an element of wages.
- Nonprofit organizations whose primary source of funds is from Medicaid waivers are *exempt*.

Prohibitions against retaliation and circumvention:

- It shall be unlawful for any business, employer or employer's agent or representative to take any action against an individual in retaliation for exercising or communicating rights under this ordinance. This includes retaliation against individuals who mistakenly but in good faith allege noncompliance with the ordinance.
- Taking adverse action against an individual within 60 days of the individual's assertion of or communication of information regarding rights raises a reputable presumption of retaliation for assertion of rights.
- It shall be unlawful for any business or employer to intentionally circumvent the requirements of this ordinance by contracting portions of its operations or leasing portions of its property.

Enforcement and Remedies:

- Administrative Enforcement—The city manager, or his/her designee, is authorized, as appropriate and as resources permit, to enforce this ordinance.
- Criminal Penalty—A person violating this ordinance shall be guilty of a misdemeanor and, upon conviction, for each offense may be subject to fines and imprisonment as set forth in Section 1-3 SFCC 1987. A person violating any of the requirements of this ordinance shall be guilty of a separate offense for each day or portion thereof and for each worker or person to whom any such violation occurred.
- Other Remedies—The city, any individual aggrieved by a violation of this ordinance, or any entity the members of which have been aggrieved by a violation of this ordinance, may bring a civil action in a court of competent jurisdiction to restrain, correct, abate or remedy any violation of this ordinance and, upon prevailing, shall be entitled to such legal or equitable relief as may be appropriate to remedy the violation including, without limitation, reinstatement, the payment of any wages due and an additional amount as liquidated damages equal to twice the amount of any wages due, injunctive relief, and reasonable attorney's fees and costs.

Nonexclusive Remedies and Penalties—The remedies provided in this section are not exclusive, and nothing in this ordinance shall preclude any person from seeking any other remedies, penalties, or relief provided by law.

Posting and Publication:

- Any business subject to the provisions of this ordinance shall as a condition to obtaining and holding a City of Santa Fe business license or registration, post and display in a prominent location next to its business license or registration on the business premises a notice, in English and Spanish, that the business is in compliance with the provisions of this ordinance and post the text of this notice. Failure to comply with this section shall be construed a violation of this ordinance and, in addition, shall be considered grounds for suspensions, revocation, or termination of the business license or registration.

For more information, please contact: Constituent Services at 955-6949 Email: constituentservices@santafenm.gov