



SCADA Upgrades Bid Sealed Bid (Bid-238) Town of Salem

April 2009

SALEM PURCHASING DEPARTMENT

Stephen Artemis, Purchasing Coordinator
603-890-2090 fax 603-890-2091
sartemis@ci.salem.nh.us

Mr. Jonathan Sistare, Town Manager

Prepared for and in coordination with the
WATER TREATMENT PLANT
MaryBeth Wisner, Utilities Director
603-890-2179 fax 603-890-2173
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COMPETITIVE SEALED BIDS
Canobie Lake Water Treatment Plant SCADA Upgrades
APRIL 2009

It is the intent of the Town of Salem, New Hampshire to engage the services of a qualified firm to provide the town with the following product(s) or services to be purchased. "SCADA UPGRADES"

Sealed bids must be received no later than April 29TH 2009 before 3:00pm from interested firms, to be eligible for consideration by the town. Each bid will be submitted in a sealed envelope which is clearly marked "Bid-238 "SCADA UPGRADES"

All sealed bids received will be considered confidential and not available for public review until after the bid opening on April 29th 2009 at 3:00pm.

Sealed bids and all correspondence relating to this ITB shall be submitted to:

STEPHEN ARTEMIS
Purchasing Coordinator
Town of Salem
33 Geremonty Drive
Salem NH 03079

Qualified Firms requiring additional information or clarification relative to the contents of the bid may direct inquiries to Stephen Artemis, Purchasing Coordinator at 603-890-2090 or sartemis@ci.salem.nh.us. Bid documents may be picked up at the office of the Purchasing Coordinator at the above address during regular business hours: Monday to Friday 8:30 am to 5:00 pm. Please visit our website to download a copy of this Bid-238 www.townofsalemnh.org Finance-Purchasing /bids-proposals. Copies will not be faxed.

(1) One original and (1) One copy is required and must be received at the above address no later than 04/29/2009 before 3:00 PM, late bids will not be considered.

The Town reserves the right to reject any or all bids/proposals or any part thereof, to waive any informality or information in the bids/proposals, and to accept the bid /proposal considered to be in the best interest of the Town. The Town also reserves the right to conduct reasonable negotiations with low bidders and sole bidders. Failure to submit all information may declare a bid/proposal as non-responsive subject for disqualification.



Town of Salem, New Hampshire

**Purchasing Department
33 Geremonty Drive
Salem, New Hampshire 03079**

Notice To Qualified Firms

*Do not alter bid documents in any way.

If you wish to offer comments, additional information or alternate bids, please do below or on a separate sheet and attach it to the bid sheet.

- _____
- _____
- _____
- _____

The purpose of the attached specifications is to define minimum requirements only. They are not meant to be restrictive. All manufacturers meeting or surpassing these minimum specifications are invited to submit a bid/proposal.

Please don't hesitate to call me if you need any additional information.
Stephen Artemis, Purchasing Coordinator (603) 890-2090

For specification information please contact
MaryBeth Wiser, Utilities Director (603) 890-2179 or
Cynthia Crescenzi, IT Director (603) 890-2060

The Town of Salem reserves the right to reject any and all sealed bids/proposals that it deems non-conforming to the specifications enclosed. All information must be filled out correctly for consideration.

DO NOT FAX BIDS, THEY WILL NOT BE ACCEPTED.



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Specifications Exception Form

In the interest of fairness and sound business practice, it is mandatory that you state any exceptions taken by you to our specifications.

It should not be the responsibility of the Town of Salem to ferret out information concerning the materials, which you intend to furnish.

If your bid/proposal does not meet all our specifications you must state it in the space provided below.

Bids/proposals on equipment, vehicles, computers, supplies, services and materials not meeting specifications may be considered by the Town, however, all deviations must be listed above.

If your bid does not meet our specifications, and your exceptions are not listed above or in space provided, the Town of Salem may claim forfeiture on your bid, if submitted.

Signed _____
I DO meet specifications

Signed _____
I DO NOT meet specifications as listed in this bid, exceptions are in space provided.

Failure to submit this form with your Bid/Proposal response may result in your Bid/Proposal being rejected as unresponsive.



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Scope of Work /Specifications

A **Mandatory** pre-bid meeting will be held April 14th 2009 @ 10:00am to allow interested vendors to see the work to be completed. The conference will be held at Canobie Lake Water Treatment Plant, 161 N. Policy St., Salem, NH 03079

Current SCADA System is running on Windows NT running FIX32. Current System is connected to an Allen Bradley PLC 5/30 and Modicon PLC for remote communication via radio using Modbus. Communications for Allen Bradley is currently DH+.

Furnish and install as well as provide start up and training. For Training provide number of support hours. Return Merchandise Authorization - RMA will be issued for FIX Key IDs 36262-001 & 36262-002 (Full Function SCADAs) as part of an iFIX Upgrade. All work is subject to budget approval. Responding vendors must include a detailed list of all required hardware specifications as the Town will be purchasing the computer equipment separately.

1. UPGRADE to PRIMARY SCADA SERVER

- iFIX Plus SCADA Pack Unlimited Developer V. 5.0 for Windows Server, WIN2K & XP Pro & Vista Operating Systems on DVD. Includes: Historian, SPC, Continuous and Batch Control Blocks, Database Pack (VisiconX, SQL Blocks, ODBC Support for clients, transactions & alarms), VBA Editor, Workspace, Event Scheduler, Distributed Client/Server Networking, Client Auto Failover, Driver Failover and OPC Connectivity
- ADD iFIX Option: SCADA Synchronization - SCADA Server to SCADA Server database synchronization and alarm Acknowledgement, tracking and synchronization
- Latest Allen-Bradley Communication Driver (Ethernet if possible.)
- Latest - Modicon Modbus 1 Driver for Windows 2000, NT, 2003, XP
- Conversion from existing graphics format to latest format. (ODF format to GRF format.)

2. UPGRADE to BACKUP/REDUNDANT SCADA SERVER:

- iFIX Plus SCADA Pack Unlimited Runtime V. 5.0 for Windows Server 2003, WIN2K, XP Professional and Vista Operating Systems on CD
- ADD iFIX Option: SCADA Synchronization - SCADA Server to SCADA Server database synchronization and alarm acknowledgement, tracking and synchronization
- Latest Allen-Bradley Communication Driver.

BID ALTERNATE:

1. **XL1PM XLReporter Single User Professional** *Multiple Interface (*Plus Historian) consists of Product, XLViewer, XLMailer, XWeb Director, XFiler, PDF option, DB option, Extended Product Support (Includes one year of product support and major upgrades), one set of manuals and Solution Support from SyTech (e.g., webinar).
2. **WIN-911/PRO-BT WIN-911-BUNDLE:** Alarm Software for Telephony, E-mail, Paging & 2-way SMS plus Premium Voice, XTools and the WIN-911/TAPI/VMI Internal TAPI Voice Telephony Modem, and first year ESP (Extended Support and Free Version Upgrade Program).
3. **GLOBAL CARE AGREEMENT for 1 Year. Includes:** 24x7x365 Emergency Support, Online Case Management, Unlimited Product Upgrades, Knowledge Base CDs & Access to software components via the web
 - Global Care Complete for iFIX Plus SCADA Unlimited Developer for 1 Year. Includes: 24x7x365 Emergency Support, Online Case Management, Unlimited Product Upgrades, Knowledge Base CDs & Access to software components via the web
 - Global Care Complete for iFIX Plus SCADA Unlimited Runtime for 1 Year. Includes: 24x7x365 Emergency Support, Online Case Management, Unlimited Product Upgrades, Knowledge Base CDs & Access to software components via the web



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Form for General Bid

In compliance with all specifications enclosed the Bidder hereby proposes to provide/furnish services, equipment, supplies, labor, and installation in strict accordance with the contract documents provided. These services must be supplied at the prices stated below.

Item No.	Brief Description of Item With Unit Bid Price in Words	Unit Bid In Figures	Amount In Figures
1	UPGRADE to PRIMARY SCADA SERVER	\$ _____	\$ _____
2	UPGRADE to BACKUP/REDUNDANT SCADA SERVER:	\$ _____	\$ _____
3	GLOBAL CARE AGREEMENT for 1 Year	\$ _____	\$ _____
4	TRAINING	\$ _____	\$ _____
5	BID ALTERNATE 1	\$ _____	\$ _____
6	BID ALTERNATE 2	\$ _____	\$ _____
7	BID ALTERNATE 3	\$ _____	\$ _____

TOTAL BID\$ _____ Dollars

(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

Work shall be completed 90 days from authorization to proceed

- Proposal Submitted by (Company Name) _____ Title _____
- Authorized Signature _____ Printed Name _____
- Contact Phone _____ Address _____
- Date _____ Email _____



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Insurance Requirements

A current Insurance certificate must be provided prior to commencing any work on this project, in the following amounts:

Comprehensive General Liability Combined single limit	\$ 1,000,000.00
Workmen's Compensation & Employers Legal Liability	\$ 500,000 per accident

The Contractor shall procure and maintain for the duration of this project Workmen's Compensation Insurance as required by State Law for all of his employees that are engaging in any work at the site of the project whether direct employees or subcontracting associates.

Non-Collusion Statement

The Undersigned certifies under penalties of perjury that this bid in all respects is bonafide, fair and made without collusion or fraud with any other person. As used in this paragraph, the "PERSON" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity.

Title _____
Signature _____
Company _____



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No Bid Questionnaire

Reference: Sealed Bid-238

If you choose not to bid, please complete the questionnaire below and return it with your response by the bid opening date. Your assistance in helping us to analyze no bid rationale is very much appreciated. Thank You.

* * * * No Bid Questionnaire * * * *

A no bid is submitted in reply to the Town of Salem, NH invitation for bids for (enter requirement description):

Dated _____, for the following reasons:

- _____ Item not supplied by our company.
- _____ Bid Specification (Give reason(s) e.g., too restricted, not clear etc.)

- _____ Profit Margin too low
- _____ Past experience with the Town of Salem (give specific's e.g. payment delay, bid process, admin problems, etc.) _____
- _____ Insufficient time allowed to prepare and respond to bid request.
- _____ Bid requirements too large ____ or too small ____ for our company.
- _____ Priority of other business opportunities limits time.
- _____ Other reason(s) Please Specify: _____

Company Name _____
Address _____
Phone _____

(Signature)

(Name & Title)



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General Terms and Conditions

Preparation of Bids/Proposals. Proposals shall be submitted on the forms provided and must be signed by the Bidder or his authorized representative. The person signing the proposal shall initial any corrections to entries made on the attached forms.

Vendors must provide pricing on all items appearing on the bid forms unless specific directions in the advertisement, on the bid form or in the special provisions allowed for partial bids. Failure to provide pricing on all items may disqualify the bid. Alternative bids will be considered, unless otherwise stated, only if the alternate is described completely, including, but not limited to, sample, if requested and specifications sufficient so that a comparison to the request can be made.

Any questions or inquiries must be submitted in writing, and must be received by the Purchasing Department no later than seven (7) calendar days before the Request for Proposal due date to be considered. Any changes to the Request for Proposal will be provided to all bidders of record.

The name of manufacturer, trade name, or catalog number mentioned in this request for bid description is for the purpose of designating a minimum standard of quality and type. Such references are not intended to be restrictive, although specified color, type of material and specified measurements may be mandatory.

Proposals will be considered for any brand that meets or exceeds the quality of the specifications listed. On all such proposals, the bidder shall specify the product they are proposing and shall supply sufficient data to enable a comparison to be made with the particular brand or manufacturer specified. Failure to submit the above may be sufficient grounds for rejection of the proposal.

Submitting Bids/Proposals. Proposals must be submitted as directed in the Notice to Qualified Firms, and on the forms provided unless otherwise specified. Proposals must be typewritten or printed in ink. Proposals must be mailed or delivered in person. Proposals that are faxed or emailed will not be accepted.

Withdrawal of Bids/Proposals. Proposals may be withdrawn prior to the opening date and time upon written request of the Proposer. Negligence on the part of the Proposer in preparing his/her proposal shall not constitute a right to withdraw a proposal subsequent to the proposal opening.

Award of Contract, It is the policy of the Town of Salem, NH that contracts are awarded only to responsible bidders. In order to qualify as responsible, a prospective vendor must meet the following standards as they relate to this request:

- A. Have adequate financial resources for performance or have the ability to obtain such resources as required during performance.
- B. Have the necessary experience, organization, technical and professional qualifications, skills and facilities.
- C. Be able to comply with the proposed or required time of completion or performance schedule; and
- D. Have a demonstrated satisfactory record of performance.
- E. Adhere to the specifications of this bid and provide all documentation required of this bid.

The contract will be awarded to a responsive & responsible bidder based on the qualifications and experience of the bidder, the quality of the equipment/product /materials/services to be provided and the support that the bidder offers during the duration of the supply terms.

Pricing, Unless otherwise specified all prices listed are firm for the term of the contract. All prices should include all labor and material costs, and any discounts offered.

Delivery, Deliveries are to be made only to the department or division indicated on the order and in accordance with accepted commercial practices, without extra charge for packing or containers.

Guarantees & Warranty, All parts and labor related to agreements must be guaranteed and include a warranty. If any work is unable to be guaranteed, the contractor must inform the Town, in writing, prior to the delivery of an item or any work being performed.

Force Majeure, Neither party shall be liable for any inability to perform its' obligations under any subsequent agreement due to war, riot, insurrection, civil commotion, fire, flood, earthquake, storm or any other act of God.



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INDEMNIFICATION AGREEMENT

The successful vendor agrees to indemnify, investigate, protect, defend and save harmless the Town of Salem, NH, it's officials, officers, agents and employees from any and all claims and losses accruing or resulting to any and all contractors, subcontractors, suppliers, laborers and any other person, firm or corporation furnishing or supplying work, services, materials, equipment or supplies in connection with the performance of this contract and from any and all claims and losses accruing or resulting to any person, firm or corporation which may be injured or damaged by the vendor in the performance of this contract. In any case, the forgoing provisions concerning indemnification shall not be construed to indemnify the Town for damage arising out of bodily injury to persons or damage to property caused by or resulting from the sole negligence of the Town or its employees. This indemnification shall survive the expiration or early termination of this contract.

- Company _____
- Taxpayer Identification Number _____
- Authorized Signature _____
- Contact Phone _____
- Address _____
- Date _____
- Email _____

