



REQUEST FOR PROPOSALS

GENERAL SPECIFICATIONS

The Proposal shall be in accordance with the following and with the attached DETAILED SPECIFICATIONS.

All prices are to be F.O.B. Grand Island, Nebraska. **All prices shall be firm, and shall include all sales and use taxes as lawfully assessed under laws and regulations of the State of Nebraska.**

Proposals shall include the following on the **outside** of the mailing envelope: "**Proposal for Air Quality Control System Engineering Services**". All Proposals are due no later than **4:15 p.m. (local time) on Tuesday, March 13, 2012**. All proposals must be signed and dated to be accepted. Proposals shall be addressed to the attention of Tim Luchsinger, Utilities Director. **Four complete copies with the original proposal** shall be submitted for evaluation purposes to the following:

Mailing Address:

RaNae Edwards, City Clerk
City Hall
P. O. Box 1968
Grand Island, NE 68802-1968

Street Address:

RaNae Edwards, City Clerk
City Hall
100 E. First Street
Grand Island, NE 68801

Any Proposal received after the specified date will not be considered. No verbal Proposal will be considered.

Proposals will be evaluated by the Purchaser based on price, schedule, quality, adherence to schedule, plan and specifications, economy and efficiency of operation, experience and reputation of the Contractor, and ability, capacity, and skill of the Contractor to perform contract required activities.

The invoice for Contractor's services will be paid after approval at the next regularly scheduled Council meeting and occurring after departmental approval of invoice; the City Council typically meets the second and fourth Monday of each month. Invoices must be received well in advance of Council date to allow evaluation and processing time.

All Proposals shall be valid for at least thirty (30) working days after the Proposal deadline for evaluation purposes.

All Proposals must be signed and dated to be accepted. Please contact Tim Luchsinger at 308-385-5444 x280, or e-mail tluchsinger@grand-island.com for questions concerning this specification.

**REQUEST FOR PROPOSAL
FOR AIR QUALITY CONTROL SYSTEM ENGINEERING SERVICES
for the
CITY OF GRAND ISLAND, NEBRASKA**

Proposals will be received at the office of the City Clerk, P.O. Box 1968, Grand Island, Nebraska 68802, until **4:15 p.m. (local time) on Tuesday, March 13, 2012**, for a Proposal for Air Quality Control System Engineering Services FOB the City of Grand Island. **The Contractor shall visit the City facilities prior to submittal of the Proposal** to become familiar with the project scope. Site inspections can be arranged by contacting Tim Luchsinger at 308-385-5444, ext. 280, or e-mail tluchsinger@grand-island.com for an appointment.

Proposals received after the specified time will be returned unopened to sender. Proposals shall include the following on the **outside** of the mailing envelope: **"Proposal for Air Quality Control System Engineering Services"**. All proposals must be signed and dated to be accepted. Proposals shall be addressed to the attention of Tim Luchsinger, Utilities Director. **Four complete copies with the original proposal** shall be submitted for evaluation purposes.

Specifications are on file at Utilities Department at Grand Island City Hall. The proposal package is also available on-line at www.grand-island.com under Business, Bids and Requests for Proposals.

Proposals will be evaluated by the Purchaser based on price, schedule, quality, adherence to schedule, plan and specifications, economy and efficiency of operation, experience and reputation of the company, ability, capacity, and skill of the company to perform contract required and adaptability of the particular items to the specific use intended.

The Purchaser reserves the right to reject any or all proposals, to waive irregularities therein, and to accept whichever proposal that may be in the best interest of the City, at its sole discretion.

Proposals may not be withdrawn for a period of thirty (30) days after date of opening.

RaNae Edwards, City Clerk

DETAILED SPECIFICATIONS

SCOPE. The Grand Island Utilities Department is soliciting proposals for air quality control system engineering services for its electric generation facilities.

DESCRIPTION. The City's electric generation facilities consist of the following units.

	<u>Turbine Type</u>	<u>Rating, MW</u>	<u>Fuel</u>
Burdick Station			
Unit 1	Steam	16	Natural Gas/No. 6 Oil
Unit 2	Steam	22.5	Natural Gas/No. 6 Oil
Unit 3	Steam	54	Natural Gas/No. 6 Oil
GT 1	Combustion	14.8	Natural Gas/No. 2 Oil
GT 2	Combustion	34	Natural Gas/No. 2 Oil
GT 3	Combustion	34	Natural Gas/No. 2 Oil
Platte Generating Station			
Unit 1	Steam	100	Coal

PROJECT REQUIREMENTS. The Department is reviewing strategies to comply with the Mercury and Air Toxics program scheduled for implementation in 2014. To evaluate options available, the Department will retain the services of a consulting engineer specializing in air quality control systems for power generation facilities. It is anticipated that the result of this project will be the addition of emission control equipment to the Platte facility. The anticipated emission control equipment is as follows.

- Fabric filter/bag house
- Dry scrubber/dry sorbent injection system
- Carbon injection system
- Booster induced draft fan
- Fly ash/rejects disposal system
- Associated ductwork
- Associated balance of plant equipment

Layout drawings of previously planned mercury control project are available for review. It is anticipated that the new system will be essentially the same as the previous system with the exception of acid control equipment.

These engineering services will include tasks as the Owner's Engineer in the preparation and administration of an Engineer/Procure/Construct (EPC) contract for the emission control system. The Owner's Engineer shall **not** be included as a participant in the EPC contract.

The following is a list of activities anticipated for the project. Not to exceed pricing for each activity, including time estimates, man-hours by classification, and miscellaneous expense details, shall be included in the Proposal.

1. Perform review of regulatory rules for affected plants.
2. Perform conceptual engineering evaluation, including control methods, system specifications and site layout.
3. Perform detailed cost estimates and proformas for bond underwriting.
4. Assist in environmental and regulatory permitting.
5. Prepare EPC air quality control system specifications and issue for bids.
6. Evaluate specification bids and assist in contract administration.
7. Evaluate final system performance and contract requirements.

PROPOSAL EVALUATION. The proposals will be evaluated on the following criteria. Also indicated are the weighting factors which will be used in tabulating the evaluation scores.

1. Proposal Responsiveness (x 1)
2. Company Experience (x 2)
3. Personnel Experience (x 2)
4. Commercial Terms (x 1)
5. Engineering Fees (x 1)

SITE INSPECTION. **The Contractor shall visit the City facilities prior to submittal of the Proposal to become familiar with the project scope.** Site inspections can be arranged by contacting Tim Luchsinger, 308-385-5444, x 280, or by e-mail at tluchsinger@grand-island.com , for an appointment.

PROPOSAL QUALIFICATIONS. The Contractor shall be a consulting engineering firm with experience in the design and construction of air quality control equipment for municipal utility electric generation facilities as described in these specifications. All work is to be performed by or under the direct supervision of experienced engineers registered in the State of Nebraska.

PROPOSAL INFORMATION. The Proposal shall provide hourly fees by personnel classification, fee multiplier, a schedule of applicable expenses, and proposed contract. Proposed primary personnel with their qualifications and anticipated involvement in the project shall be included with the Proposal. **Client contacts for a minimum of five projects for the procurement and installation of air quality control equipment, which have been completed during the last five years or are currently in progress, must be submitted in order for the proposal to be considered.**

INSURANCE REQUIREMENTS. The Contractor shall comply with the attached "INSURANCE REQUIREMENTS".

PAYMENT. Payment for the engineering services will be determined by hours worked plus miscellaneous expenses, up to a predetermined "not to exceed" amount on a project phase basis.

MINIMUM INSURANCE REQUIREMENTS
CITY OF GRAND ISLAND, NEBRASKA

The successful bidder shall obtain insurance from companies authorized to do business in Nebraska of such types and in such amounts as may be necessary to protect the bidder and the interests of the City against hazards or risks of loss as hereinafter specified. This insurance shall cover all aspects of the Bidder's operations and completed operations. Failure to maintain adequate coverage shall not relieve bidder of any contractual responsibility or obligation. Minimum insurance coverage shall be the amounts stated herein or the amounts required by applicable law, whichever are greater.

1. WORKERS COMPENSATION AND EMPLOYER'S LIABILITY

This insurance shall protect the Bidder against all claims under applicable State workers compensation laws. This insurance shall provide coverage in every state in which work for this project might be conducted. The liability limits shall not be less than the following:

Workers Compensation	Statutory Limits
Employers Liability	\$100,000 each accident
	\$100,000 each employee
	\$500,000 policy limit

2. BUSINESS AUTOMOBILE LIABILITY

This insurance shall be written in comprehensive form and shall protect the Bidder, Bidder's employees, or subcontractors from claims due to the ownership, maintenance, or use of a motor vehicle. The liability limits shall be not less than the following:

Bodily Injury & Property Damage	\$ 500,000 Combined Single Limit
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3. COMPREHENSIVE GENERAL LIABILITY

The comprehensive general liability coverage shall contain no exclusion relative to explosion, collapse, or underground property. The liability limits shall be not less than the following:

Bodily Injury & Property Damage	\$ 500,000 each occurrence
	\$1,000,000 aggregate

4. UMBRELLA LIABILITY INSURANCE

This insurance shall protect the Bidder against claims in excess of the limits provided under employer's liability, comprehensive automobile liability, and commercial general liability policies. The umbrella policy shall follow the form of the primary insurance, including the application of the primary limits. The liability limits shall not be less than the following:

Bodily Injury & Property Damage	\$1,000,000 each occurrence
	\$1,000,000 general aggregate

5. ADDITIONAL REQUIREMENTS

The City may require insurance covering a Contractor or subcontractor more or less than the standard requirements set forth herein depending upon the character and extent of the work to be performed by such Contractor or subcontractor.

Insurance as herein required shall be maintained in force until the City releases the Contractor of all obligations under the Contract.

The Contractor shall provide and carry any additional insurance as may be required by special provisions of these specifications.

6. CERTIFICATE OF INSURANCE

Satisfactory certificates of insurance shall be filed with the City prior to starting any work on this Contract. **The certificates shall show the City as an additional insured on all coverage except Workers Compensation. The certificate shall state that thirty (30) days written notice shall be given to the City before any policy is cancelled (strike the "endeavor to" wording often shown on certificate forms). If the bidder cannot have the "endeavor to" language stricken, the bidder may elect to provide a new certificate of insurance every 30 days during the contract. Bidder shall immediately notify the City if there is any reduction of coverage because of revised limits or claims paid which affect the aggregate of any policy.**