



# CONTRACT DATA SHEET

Monroe County Division of Purchasing  
200 County Office Building, Rochester NY 14614

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**TITLE:** MECHANICAL MAINTENANCE & EMERGENCY REPAIRS

**CONTRACT #:** 0808-07 (4700006383)

**CONTRACT DATES:** 12/04/2007 – 10/31/2010

**BUYER:** Sharon A. Berndt  
**PHONE:** 585/753-1110  
**FAX:** 585/753-1104

**VENDOR(S):** John W. Danforth Company  
930 Old Dutch Road  
Victor, NY 14564

Phone: (585) 924-7030  
Fax: (585) 924-7916



**QUALIFIED BIDDER:**

Each bidder must be prepared to present satisfactory proof of his capacity and ability to perform this contract. Such proof may include, but is not limited to, an inspection of the bidder's facilities and equipment, financial statements, references and performance of similar contracts. **The Purchasing Manager reserves the right to reject any bid where the bidder cannot satisfy the County as to his ability to perform.** Monroe County reserves the right to reject any and all bids if the Monroe County Purchasing Manager deems said action to be in the best interests of Monroe County.

**METHOD OF AWARD:**

Monroe County intends to award the bid to the lowest responsive and responsible bidder, based on the **TOTAL. Bidder must bid on all items in order to be considered.** **The County reserves the right to reject any and all bids** if the Purchasing Manager deems said action to be in the best interest of the County.

**CONTRACT TERM:**

Contract will start with the date of the contract award and run through **October 31, 2008**, with the option to renew the contract up to four (4) additional twelve (12) month periods with the mutual consent of both parties.

**PRICE CHANGES:**

Price changes may be proposed by either party no later than forty-five (45) days prior to contract extension, based upon manufacturer price changes which must be supported with documentation. Should price changes not be acceptable to both parties, the contract will not be extended. Prices may change only at the time of extension.

**MINIMUM ORDER:**

No minimum order is specified for this contract. Agencies must be able to order as needed. **Political subdivisions and others authorized by law may participate in this contract.**

**PURCHASE ORDER ISSUANCE:**

Delivery of services may be directed by the receipt of a Purchase Order only. **Items that are not part of this bid will not be paid for by Monroe County.** As to all purchase orders issued by Monroe County, exceptions may only be authorized, in writing, by the Purchasing Manager or his authorized agent prior to delivery.

**BILLING PROCEDURE:**

All invoices for items sold any authorized agency as a result of this contract must be billed in the following manner: Purchase Order #, Quantity, Description of Item Purchased, BP#, Item #, Extension and Total. **ALL INVOICES MUST BE MARKED WITH THE PURCHASE ORDER NUMBER. INVOICES WITHOUT THIS INFORMATION WILL NOT BE PROCESSED FOR PAYMENT.**

**WARRANTY/  
GUARANTEE:**

All warranties by manufacturer shall apply. Bidder shall, as part of its proposal, furnish its warranty/guarantee for all goods/services to be furnished hereunder. As a minimum, Bidder shall warrant all goods for a period of one (1) year from date of acceptance. Bidder shall be obligated to repair or replace all defects in material or workmanship, which are discovered or exist during said period. All labor, parts and transportation shall be at Bidder's expense.

**UNCONTEMPLATED  
PURCHASES:**

Monroe County reserves the right to request separate bids for such quantities of items on this contract that may be best procured via separate public bid offering and to otherwise act in furthering its own best interests.

**SUBCONTRACT:**

The Contractor shall not subcontract any work without first obtaining the written consent of the Monroe County Purchasing Manager.

**RELATED ITEMS:**

The County reserves the right to add miscellaneous related items to this contract during the contract term upon agreement by both parties as to the price. Approval must be given in writing by the Purchasing Manager or his Designee.

**REPORT OF  
PURCHASE:**

The Contractor must, upon request, provide the County Purchasing Manager with detailed information showing how much of each item was delivered, to any and all agencies under this contract. This includes deliveries to not only the County but any other municipality or agency which orders from this contract.

**OTHER AGENCIES:**

The Contractor(s) **must** honor the prices, terms and conditions of this contract with political subdivisions or districts located in whole or in part within Monroe County. In addition, the contractor **may**, but is not required to, extend the prices, terms and conditions of this contract to any political subdivision or district located in New York State. Usage of this contract by any of these other political subdivisions or districts will have to be coordinated between that subdivision or district and the contractor. Orders placed against this contract between any subdivision or district will be contracts solely between the Contractor(s) and those entities. Monroe County will not be responsible for, nor will it have any liability or other obligation for, such contract between the Contractor(s) and any third party.

**HOURLY RATE:**

The Bidder will be paid for the number of hours actually expended at the job site times the labor rate per hour as bid. Overtime rate shall be defined as time and one half of the hourly rate after eight (8) hours per day after 4:30 pm weekdays and on Saturdays (1.5 x labor rate per hour). Double time will be defined as double the hourly rate for Sundays and holidays (2 x labor rate per hour).

**WAGE RATES:**

Contractor agrees to comply with the provisions of the New York State Labor Law relating to the payment of prevailing wage rates to the extent that such rules may be applicable to the Contractor. Wage rates may be obtained at

[www.labor.state.ny.us](http://www.labor.state.ny.us). (Reference PRC Number 2007006342).

**SECURITIES AND  
INSURANCE:**

Any Certificates of Insurance, Bonds or other forms of security required by this bid are to be submitted to the Purchasing Manager no later than ten (10) normal business days following the date of notification of award. Documents must be received by the close of business, 5:00 pm on that day.

**COMPLIANCE WITH  
THE LAW:**

The Contractor agrees to procure all necessary licenses and permits. The Contractor shall comply with all laws, rules and regulations pertaining to the payment of wages and all other matters applicable to the work performed under this contract.

**INDEMNIFICATION:**

The Contractor agrees to defend, indemnify and save harmless the County, its officers, agents, servants and employees from and against any and all liability, damages, costs or expenses, causes of action, suits, judgments, losses and claims of every name not described, including attorneys' fees and disbursements, brought against the County which may arise, be sustained, or occasioned directly or indirectly by any person, firm or corporation arising out of or resulting from the performance of the services by the Contractor, arising from any act, omission or negligence of the Contractor, its agents and employees, or arising from any breach or default by the Contractor under this Agreement. Nothing herein is intended to relieve the County from its own negligence or misfeasance or to assume any such liability for the County by the Contractor.

**BP#0808-07**  
**MECHANICAL MAINTENANCE**  
**AND EMERGENCY REPAIR SPECIFICATIONS**

**1.00 GENERAL**

**1.01 SCOPE**

It is the intent of the County to contract with a qualified mechanical service organization for twenty-four (24) hour emergency service, preventive maintenance service and corrective mechanical services for the removal and replacement of valves, pumps, pipes, coils and sprinkler heads in mechanical systems operated by the County and located within County owned property and buildings. The Bidder will also be required to rebuild simple mechanical components such as Back Flow Preventers.

**1.02 SERVICE LOCATIONS**

The contract resulting from this bid will be available to all Monroe County departments and political subdivisions. However, it is anticipated that work will be requested primarily by Monroe County's Department of Environmental Services and Aviation. Further detail as to mechanical systems of these departments is provided under the Technical Specifications contained herein.

**FACILITIES UNDER THE DEPARTMENTS OF ENVIRONMENTAL SERVICES AND AVIATION:**

Monroe County (FEV) Frank E. Van Lare Waste Water Treatment Facility 1574 Lakeshore Blvd Rochester, NY 14617	Monroe County (IBPS) Irondequoit Bay Pump Station 1574 Lakeshore Blvd Rochester, NY 14617
Monroe County (NWQ) Northwest Quadrant Waste Water Treatment Facility 170 Payne Beach Road Hilton, NY 14468	Monroe County (ROC) Rochester Operations Center 444 East Henrietta Road Rochester, NY 14620
Monroe County (Fleet) Fleet Center 145 Paul Road Rochester, NY 14624	Monroe County (RRF) Resource Recovery Facility 1845 Emerson Street Rochester, NY 14606

Monroe County Pump Stations, Tunnel Metering Sites, Tunnel Control Sites, Hall of Justice, County Office Building, Civic Center, County Jail and other Varied Locations throughout the County.

Monroe County  
Greater Rochester International Airport  
Main Terminal, Parking Garage, Cargo Facility, Hangars 1, 2 and 3, ARFF  
1200 Brooks Avenue  
Rochester, NY 14624

### **1.03 BIDDER QUALIFICATIONS**

No bid will be considered unless the Bidder submitting the bid can meet the following minimum qualifications:

- A. Must have in operation a mobile commercial service organization complete with operations base possessing the capability reasonably sufficient to furnish satisfactory performance of the contract.
- B. Must employ at least one (1) licensed professional engineer.
- C. Must have demonstrated access to a qualified labor pool sufficient to satisfy the project requirements.
- D. Must have demonstrated capability of managing multiple jobs simultaneously on short notice.
- E. On demand, must be able to produce documentation or other evidence demonstrating ability to comply with the terms, conditions and specifications of this proposal. In all cases, the decision of the County Purchasing Manager will be considered final.
- F. Must employ at least one (1) licensed steam fitter.
- G. Must employ at least one (1) licensed plumber.
- H. Must employ at least one (1) certified refrigeration technician.
- I. Must employ at least one (1) certified welder capable of TIG welding aluminum in outside conditions.

### **1.04 APPLICABLE CODES, STANDARDS AND CERTIFICATIONS**

All Inspections and tests will be in accordance with and the Bidder must comply with all applicable federal, state and local laws, regulations, rules and standards, including but not limited to the following:

- A. National Certified Pipe Welding Bureau certifications
- B. American Society for Testing and Materials - ASTM
- C. A.S.M.E. S-Stamp
- D. A.S.M.E. PP-Stamp
- E. New York State R-Stamp
- F. NEBB Certification
- G. Licensed Plumber in the City of Rochester
- H. C.F.C. Certified
- I. Occupational Safety and Health Administration - OSHA
- J. State and local codes and ordinances
- K. National Institute of Occupational Safety and Health - NIOSH
- L. Uniform fire Protection and Building Code - UFPBD
- M. Underwriter's Laboratory - UL

- N. American Society Mechanical Engineers
- O. National Fire Protection Association - NFPA

**1.05 SERVICE CALL HOT LINE**

The Bidder will be required to furnish a permanent twenty four (24) hour, seven (7) day a week, manned service call telephone number for use by Monroe County when it requires service.

**1.06 BIDDER RESPONSE**

The Bidder will be required to guarantee the arrival of a mobile service unit to the designated job site no later than two (2) hours following an emergency service call.

**1.07 PRE-BID INSPECTION**

It is **highly recommended** that the Bidder arrange a pre-bid inspection of the sites and review all available data and satisfy himself as to the nature and location of the work to be performed, the general and local conditions, particularly those bearing upon access to secure areas, the character of equipment and facilities and all other matters which can in any way affect the work or the cost thereof under this contract. Any failure by the Bidder to acquaint himself with all the available information concerning these conditions will not relieve him from the responsibility of carrying out work intended by this contract.

**1.08 CONTACT PERSONNEL:**

Steve Christensen  
Supervisor of Mechanical Operations  
Monroe County  
Dept. of Environmental Services  
50 West Main Street  
Rochester, New York 14614  
585-753-7505

Mike Patanella  
HVAC Supervisor  
Monroe County  
Dept. of Environmental Services  
145 Paul Road  
Rochester, New York 14624  
585-753-7594

One (1) line drawing of the major facilities is available from Steve Christensen. Please call for an appointment.

**1.09 STANDARD PRODUCTS**

All materials, equipment and accessories provided must be new and unused, must be essentially the standard product of a manufacturer regularly engaged in the production of such material or equipment and must essentially duplicate material or equipment that has been in satisfactory operation at least five (5) years. The County reserves the right to reject any material, equipment or equipment manufacturer.

**1.10 QUALITY CONTROL AND SAFETY**

- A. All materials must comply with the manufacturer's new specifications.

- B. The Bidder must have in use a Quality Control Procedure.
- C. The Bidder must have in use a written safety program with a full time Safety Coordinator.
- D. The Bidder must have all field labor trained in OSHA regulations, hazard communication, lockout-tag out, confined space entry and respirator and hearing conservation.
- E. The Bidder must be familiar with and abide by the individual department's sites safety policies.

**1.11 REPLACEMENT PARTS PRICES**

If incidental replacement parts are required to expedite the service requested, they will be priced at the Bidder's net cost plus **5%** markup. The County reserves the right to conduct an audit or to request documentary evidence to substantiate any prices billed for replacement parts.

**1.12 TIME CHARGES**

- A. A one (1) hour minimum time charge will be permitted for any emergency call.
- B. The time for each service call will be computed from the time of arrival to the time of completion of the service call at the job site. **MONROE COUNTY WILL NOT PAY FOR TRAVEL TIME.**
- C. All time will be computed to the nearest half hour.
- D. All time charges will be computed using the New York State Labor Department wage schedule.
- E. Starting time will be 8:00 a.m. and ending time will be 4:30 p.m., Monday through Friday, unless otherwise prearranged with the Supervisor of Mechanical Operations or his designee.

**1.13 WRITTEN ESTIMATES:**

In every instance that the Bidder anticipates that a job may cost \$1000.00 or more, the Bidder must provide a written estimate for the work to the ordering department, prior to commencing work. The estimate must show labor and materials cost. The Bidder may not proceed with the work until approval is given by the ordering department. If the estimate is considered too high, the County retains the option of providing materials or changing the scope of the work. The County also retains the right to cancel a request.

**1.14 JOB SPECIFICATION FORM - ATTACHED**

All work will require the completion of a job specification form by the County supervisor or his designee (see attached). The Bidder's job Foreman must obtain the completed form from the County's Supervisor before beginning the job.

It is the intent of Monroe County to match each job specification form and purchase order for administrative clarification purposes.

**NOTE: NO WORK WILL COMMENCE UNTIL A PURCHASE ORDER NUMBER HAS BEEN ASSIGNED TO THE JOB SPECIFICATION FORM.**

**1.15 SERVICE REPORT**

The Bidder will provide a daily time-and-materials report. These original daily reports attached to the Bidder's invoice will be the only basis for payment by the County. These reports must be reviewed by and signed by the Supervisor of Mechanical Operations or his designee or they will not be accepted. At a minimum the report sheets must list:

- A. Name of each employee performing work
- B. Number of hours per employee
- C. Brief statement of work performed
- D. Materials used
- E. Equipment used
- F. Labor rate(s)/hour

**1.16 CLEAN-UP**

The Bidder will at all times keep the premises and site free from accumulations of waste material or rubbish caused by his employees or work. At the completion of the work, he must remove all rubbish so caused from and about the site of the work.

**1.17 PROTECTION OF PROPERTY**

- A. The Bidder will be responsible for the preservation and protection of property adjacent to the work site against damage or injury as a result of his operation under this contract. Any damage or injury occurring on account of any act, omission or negligence on the part of the Bidder must be restored in proper and satisfactory manner or replaced by and at the expense of the Bidder.
- B. It is the Bidder's responsibility to make himself aware of and to comply with such safety regulations as may be required by jurisdictional agencies and must at all times conduct his operations so as to avoid and eliminate any unsafe conditions created by his operations.

**1.18 TOOLS AND EQUIPMENT**

The Bidder is expected to have on hand sufficient and proper tools of the trade to facilitate the work and handle all emergencies normally encountered in work of this character. This includes general items such as hand tools, protective clothing, communication equipment, decontamination and traffic control devices for the purpose of this proposal. The cost of such items will be treated as part of the overhead included in the labor rate. The tool list must include but is not limited to the following:

- A. Standard mechanic hand tools - i.e. pipe wrenches, gasket scrapers, box wrenches
- B. 1/2" and 3/4" drive socket sets
- C. Oxy/Acet cutting torch with tanks
- D. Test equipment - i.e. D.M.M., Amprobe, Megger
- E. Assorted bottle jacks
- F. Cable hoists
- G. Lifting slings
- H. Ladders - up to 30' extension
- I. Portable lights
- J. Power hand tools - i.e. saws, power hand drill, hammer drill, hand held band saw

The Bidder is expected to have on hand sufficient and proper specialized equipment to facilitate the work. The cost of such items will be treated as part of the overhead included in the labor rate. The specialized equipment list must include but is not limited to the following:

- K. Ductile Iron Pipe groove cutter up to 12"
- L. Steel Pipe Roll groove cutter up to 12"
- M. Welders (MIG and TIG)
- N. Tow Motor
- O. Small Truck Mounted Crane
- P. High reach fork lift with extendable forks to 36 feet
- Q. HDPE pipe fusion welder capable of 1" to 12" pipe size welding
- R. HDPE extrusion welding equipment

**In addition, if any specialized equipment is needed, the County will reimburse the Bidder for the actual cost of the equipment rental.** The Bidder will notify the County before the actual renting of this equipment occurs and will supply information in writing regarding rental costs and duration of rental.

**1.19 TRANSPORTATION AND SPECIAL VEHICLES**

The Bidder's craftsmen must have their own transportation suitable for transporting crew and materials to the job site. Specialized vehicles such as a boom truck or man lift may be required for some work. The County will reimburse the Bidder for the **actual** cost of such specialized vehicles. The Bidder will notify the County before the actual renting of this equipment occurs and will supply information in writing regarding rental costs and duration of rental.

**1.20 BID PROPOSAL**

- A. Bidders must use **multipliers** in their bid for the scheduled payment items.
- B. These multipliers, when applied to the unit price of each of the scheduled payment items, will establish the price to be paid for the items. All labor, equipment, profit, overhead, bonds, insurance and other similar contingencies must be included in the multiplier. No allowances for such items will be made separately.
- C. **Deletion or changes to items listed or work shown or unit prices of the schedule of payment items will be cause for rejection of the bid.**
- D. The following is an example of how the multiplier is to be shown:

(1) Arbitrary scheduled payment item price:       \$1,500  
Bidder's price:   \$1,800

MULTIPLIER IS:  $\$1,800/\$1,500 = 1.20$   
(or One Point Two Zero)

(2) Arbitrary scheduled payment item price:       \$1,500  
Bidder's Price:   \$1,425

MULTIPLIER IS:  $\$1,425/\$1,500 = 0.95$   
(or Zero Point Ninety Five)

**DO NOT USE PERCENTAGES TO SHOW THE MULTIPLIER. ANY BID SHOWING PERCENTAGES AS THE MULTIPLIER WILL BE REJECTED.**

**2.00 MAINTENANCE CONTRACT EXPERIENCE**

In submission of a proposal for this contract, the Bidder hereby undertakes a fiduciary responsibility to the County to ensure that the Bidder's expenditures, use of labor, subcontracts, rentals, purchases and allocations are fair, reasonable, properly allocable, in the County's best interest and are at the lowest possible cost consistent with the proper completion of the work hereunder.

To qualify responsible Bidders, the Bidder must submit a statement of past and present experience on similar maintenance contracts. Such statements must include, but not necessarily be limited to:

- 1. Name and address of Owner

2. Name and telephone of Owner contact
3. Scope of work
4. Duration of contract
5. Approximate dollar value
6. Types of Bidders with whom the Bidder was required to coordinate his work
7. Relationship of experience gained to this request for bid

The Bidder must have successful experience in maintenance work in wastewater treatment plants or in water treatment in industrial plants.

## **2.01 STATEMENT OF QUALIFICATION**

At the bid opening, the Bidder must furnish the names of necessary qualified Project Manager(s), Construction Superintendent(s) and Foreman satisfactory to the County to be in charge and to direct the Bidder's personnel, subcontractors and the work assigned to the Bidder.

These superintendents must be on a continuous responsibility basis (i.e. being available for emergencies on a 24 hour basis without additional compensation other than that included in time and materials rates for such services). The Construction Superintendent(s) must be qualified by experience and ability in wastewater treatment plant and industrial type systems to administer this contract for the Bidder. The Supervisor must supervise the work, plan daily and long-term maintenance programs and plan and handle turnarounds or emergency repairs.

- |                         |                   |
|-------------------------|-------------------|
| Project Manager         | 1) Perry Bradley  |
|                         | 2) John Blackwood |
| Construction Supervisor | 1) Dave Brightman |
|                         | 2) Rick Capre     |
| Foreman                 | 1) Dave Lang      |
|                         | 2) Chris Burr     |

**2.02 MANPOWER**

A. QUALITY

Recognizing that the scope of this contract is intended to include emergency situations as well as routine maintenance, the Bidder must have access to a labor pool of qualified manpower sufficient to satisfy the project requirement for round-the-clock emergency service. Due to the duration of the work and the turn around time that may be required, the Bidder may be required to have access at some time during this contract to two (2) heavy equipment operators. At the time of the bid opening, the Bidder must submit a brief narration statement indicating how he would be able to obtain said manpower.

B. SEPARATE CONTRACTS

The County reserves the right to let other contracts in connection with any work let under this contract. The Bidder will afford other Contractors reasonable cooperation in the execution of their work and will properly coordinate its work with theirs.

**3.00 SERVICE DESCRIPTION**

The County will provide materials required for these service descriptions but not be limited to the following mechanical maintenance areas:

<u>Item</u>	<u>Description</u>	<u>Unit Price</u>
A.	<u>Valve Replacement, small</u>	\$ 600.00

Replacement of 6" through 8" flanged gate valves, butterfly valves, plug valves or flow tubes from floor grade up to and including 8'0" above floor grade.

The necessary work to be performed, but not be limited to:

1. Removal of all bolts and nuts necessary to remove the valve.
2. Any rigging necessary to remove and reinstall the valve.
3. Removal of valve.
4. Removal of old gasket material.
5. Replacement of gasket material.
6. Cutting of pipe if required.
7. Installation of a replacement valve.
8. Install and promptly torque bolts and nuts.
9. Leak testing.

B.	<u>Valve Replacement, medium</u>	\$1000.00
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Replacement of 10" through 14" flanged gate valves, butterfly valves, plug valves or flow tubes from floor grade up to and including 8'0" above floor grade.

The necessary work to be performed, but not be limited to:

1. Removal of all bolts and nuts necessary to remove the valve.
2. Any rigging necessary to remove and reinstall the valve.
3. Removal of valve.
4. Removal of old gasket material.
5. Replacement of gasket material.
6. Cutting of pipe if required.
7. Installation of a replacement valve.
8. Install and promptly torque bolts and nuts.
9. Leak testing.

C. Valve Replacement, large \$1600.00

Replacement of 16" through 20" flanged gate valves, butterfly valves, plug valves or flow tubes from floor grade up to and including 8'0" above floor grade.

The necessary work to be performed, but not be limited to:

1. Removal of all bolts and nuts necessary to remove the valve.
2. Any rigging necessary to remove and reinstall the valve.
3. Removal of valve.
4. Removal of old gasket material.
5. Replacement of gasket material.
6. Cutting of pipe if required.
7. Installation of a replacement valve.
8. Install and promptly torque bolts and nuts.
9. Leak testing.

D. Rebuild of Backflow Preventer \$ 240.00

Complete rebuild and testing of 2", 4", 6" and 8" Backflow Preventers

The necessary work to be performed, but not be limited to:

1. Disassembly of backflow preventer.
2. Clean disassembled unit.
3. Install rebuild kit and reassemble.
4. Reinstall unit.
5. Test unit for proper operation.

E. Pump Installation \$8000.00

Install 6" horizontal frame mounted pump.

The necessary work to be performed, but not be limited to:

1. Demolition of existing piping up to 6 feet on suction and discharge sides of pump
2. Demolition and removal of existing concrete pump pad.

3. Construction of new concrete pad. New pad to have all chamfered edges, be keyed into existing floor, rebar installed per Monroe County definitions, bonding agents between new and old concrete, epoxy adhesive for anchors, at least 1" epoxy machinery leveling grout.
4. Installation of pump furnished by owner.
5. Replacement of all gasket material.
6. Install suction, discharge, and check valves and all piping up to 6 feet.
7. Install and properly torque bolts and nuts.
8. Leak testing.

F. Sprinkler Head Replacement \$ 160.00

Removal and replacement of upright sprinkler head at a height of 8'0" above grade.

The necessary work to be performed, but not be limited to:

1. Make a thorough visual inspection of system components.
2. Isolate and drain system as required.
3. Remove and replace sprinkler head.
4. Perform all required testing.
5. Restore system to normal service.

G. Piping Removal and Replacement - small diameter \$ 600.00

Replacement of 4" or 6" carbon steel, ductile iron, welded, threaded, roll grooved or cut grooved pipe. 10' long, located from floor grade up to and including 8' above floor grade.

The necessary work to be performed, but not be limited to:

1. Any rigging necessary to remove and reinstall piping.
2. Removal of required piping.
3. Installation of piping.
4. Installation of support hangers required per standard pipefitting practices.
5. Test replaced piping.
6. Vent piping system.

H. Piping Removal and Replacement - medium diameter \$ 800.00

Replacement of 8" or 10" carbon steel, ductile iron, welded, threaded, roll grooved or cut grooved pipe. 10' long, located from floor grade up to and including 8' above floor grade.

The necessary work to be performed, but not be limited to:

1. Any rigging necessary to remove and reinstall piping.
2. Removal of required piping.
3. Installation of piping.
4. Installation of support hangers required per standard pipefitting practices.
5. Test replaced piping.

6. Vent piping system.

I. Hydraulic Cylinder replacement \$1500.00

Replacement of hydraulic gate actuators from ground level up to and including 100 feet below ground. Access to some of these gates will need to be by crane and man basket, both of which shall be supplied by Monroe County DES. Size of cylinders shall not exceed 5" bore and 50" stroke. Removal shall be coordinated in conjunction with Monroe County's Electrician.

The necessary work to be performed, but not be limited to:

1. Removal of existing cylinder shaft from sluice gate.
2. Removal of cylinder hydraulic supply and return lines.
3. Preparation of line to prevent siphoning of hydraulic oil.
4. Removal of cylinder from mating flange.
5. Installation of new cylinder ensuring proper alignment.
6. All air purged out of the system
7. Test system or proper operation.

J. Electric Actuator Maintenance \$200.00

General Preventive Maintenance of Rotork Model IQ20, IQ30 and similar type and size units.

The necessary work to be performed, but not be limited to:

1. Run actuator through all functional tests, manual and electric.
2. Clean upper seal/nut area from debris.
3. Verify proper torque and limit settings.
4. Inspect lubricant and internal condition of gear case.
5. Examine all switches and controls.
6. Examine terminal compartment area for wiring integrity and moisture.
7. Replace seals on all opened compartments.
8. Check main drive sleeve nut.
9. Lubricate cylinders and center columns.
10. Install new clear stem covers with caps.

K. Rebuild 36" valve in place \$9600.00

Rebuild 36" NRS (Non Rising Stem), double wedge gate valve in place. Located greater than 8' above floor grade.

The necessary work to be performed, but not be limited to:

1. Complete disassembly and cleaning
2. Sandblast all components and inspect
3. Machine seats in body of valve
4. Machine seats on Disc
5. Inspect shaft for straightness and sandblast

6. Hone packing area
7. Replace packing and all gaskets

L.      Rebuild 24" valve in place      \$4800.00

Rebuild 24" OS&Y double wedge gate valve in place. Located from floor grade up to and including 8' above floor grade.

The necessary work to be performed, but not be limited to:

1. Complete disassembly and cleaning
2. Sandblast all components and inspect
3. Machine seats in body of valve
4. Machine seats on Disc
5. Inspect shaft for straightness and sandblast
6. Hone packing area
7. Replace packing and all gaskets

**4.00      UNIT PRICE SCHEDULE**

The unit price schedule items are the only payment items under this contract which will use contract multipliers. Payment to the Bidder will be based on multiplying the appropriate payment item unit price, times the quantity of that item, times the item multiplier.

**BP#0808-07**  
**MECHANICAL MAINTENANCE AND EMERGENCY REPAIR**  
**UNIT PRICE AND DISCOUNT SHEET**

**SECTION I**

<b><u>ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>NET PRICE</u></b>
1.	FOREMAN HOURLY LABOR	\$73.50/hr
2.	JOURNEYMAN HOURLY LABOR	\$68.48/hr
3.	4th YEAR APPRENTICE HOURLY LABOR	\$43.04/hr

**SECTION II**

<b><u>ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>OWNER'S PRICE</u></b>	<b><u>MULT</u></b>	<b><u>NET PRICE</u></b>
<b>3.00 A</b>	Valve replacement, small	\$ 600.00 x	.20	= \$120.00
<b>3.00 B</b>	Valve replacement, medium	\$1000.00 x	.20	= \$200.00
<b>3.00 C</b>	Valve replacement, large	\$1600.00 x	.20	= \$320.00
<b>3.00 D</b>	Rebuild of Backflow Preventer	\$ 240.00 x	.20	= \$48.00
<b>3.00 E</b>	Pump Installation	\$8000.00 x	.20	= \$1600.00
<b>3.00 F</b>	Sprinkler Head Replacement	\$ 160.00 x	.20	= \$32.00
<b>3.00 G</b>	Pipe Replacement, small	\$ 600.00 x	.20	= \$120.00
<b>3.00 H</b>	Pipe Replacement, medium	\$ 800.00 x	.20	= \$160.00
<b>3.00 I</b>	Hydraulic Cylinder Replacement	\$1500.00 x	.20	= \$300.00
<b>3.00 J</b>	Electric Actuator Maintenance	\$ 200.00 x	.20	= \$40.00
<b>3.00 K</b>	Valve rebuild, in place, 36"	\$9600.00 x	.20	= \$1920.00
<b>3.00 L</b>	Valve rebuild, in place, 24"	\$4800.00 x	.20	= \$960.00

**MONROE COUNTY PURCHASING**  
**Vendor Performance Survey**

**Contract Title:** \_\_\_\_\_

**Contract Number:** \_\_\_\_\_

**Vendor:** \_\_\_\_\_

Please rank the vendor performing the contract specified on a scale from "1" to "10" with "1" being poor, "5" average and "10" excellent. Please include any additional comments or suggestions in the space provided below. Monroe County Purchasing appreciates your input.

	Poor				Average					Excellent
	1	2	3	4	5	6	7	8	9	10
Item(s) supplied met specifications										
Product provided value (taking into account price, quality, etc.)										
Timeliness of delivery										
Completeness and accuracy of order										
Ability to contact representatives of vendor when needed? (If unavailable was call back prompt?)										
Invoices received promptly and accurately										
Recommendations received from the vendor (i.e. product information, cost saving strategies, ideas for better use of resources, etc.)										

Survey Completed by:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Agency: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

***Please submit this survey to Monroe County Purchasing.***