

BOARD OF COUNTY COMMISSIONERS

DATE: May 19, 2009
AGENDA ITEM NO. 5

Consent Agenda

Regular Agenda

Public Hearing

County Administrator's Signature

Subject:

Award of Bid: Pump Station Rehabilitations/Improvements Annual Requirements for 08/09
Project No.: 1965
Bid No.: 089-0311-C (DM)

Department:

Utilities

Staff Member Responsible:

Tom Crandall, Director

Recommended Action:

I RECOMMEND THE BOARD OF COUNTY COMMISSIONERS (BOARD) AWARD THE BID FOR PUMP STATION REHABILITATIONS/IMPROVEMENTS ANNUAL REQUIREMENTS FOR 08/09, TO ROWLAND, INC., PINELLAS PARK, FLORIDA, 33782, A PREQUALIFIED CONTRACTOR, IN THE AMOUNT OF \$3,441,066.90 ON THE BASIS OF BEING THE LOWEST, RESPONSIVE, RESPONSIBLE BID RECEIVED MEETING THE SPECIFICATIONS. BIDS ARE ON FILE IN THE PURCHASING DEPARTMENT.

I FURTHER RECOMMEND THAT AFTER PROPER EXECUTION OF THE AGREEMENT BY THE CONTRACTOR, AND AFTER WRITTEN APPROVAL AS TO FORM BY THE COUNTY ATTORNEY, THE CHAIRMAN BE AUTHORIZED TO SIGN AND THE CLERK TO ATTEST.

Summary Explanation/Background:

This project is part of a major Capital Improvement Program to upgrade the county's aging sewer pump station infrastructure. It covers all labor, equipment, and materials needed to rehabilitate or replace any pump station whose deteriorated condition may cause possible failures resulting in sewage spills. There are approximately 300 pump stations in the Utilities' sewer system at various locations throughout the county.

The term of the Agreement is for a period of two (2) years with a provision to exercise an Option of Renewal for one (1) additional 12 month period.

Six bids were received for this project. The low bid of \$3,441,066.90 is approximately 23% above the Engineering Estimate. This is due to major increases in the cost of the stainless steel components that are part of this contract, i.e. control panel enclosures, riser pipes and fittings, and pipe saddle supports; and increased costs for new submersible pumps.

Fiscal Impact/Cost/Revenue Summary:

Engineering Estimate:	\$2,800,000.00
Estimated Total Expenditure:	3,441,066.90

Funds to support this project are available in the Utilities Sewer Enterprise Fund.

Exhibits/Attachments Attached:

Contract Review Transmittal
Agreement
Department Recommendation
Bid Tab

DIVISION X
AGREEMENT

THIS AGREEMENT, made and entered into by and between the Board of County Commissioners of Pinellas County, a political subdivision of the State of Florida, hereinafter designated the COUNTY, and

Rowland, Inc.

(Name of Firm)

Corporation

(Corporation, Partnership or Individual Proprietor)

authorized to do business in the State of Florida, with principal place of business located at:
6855 102nd Ave. N., Pinellas Park, FL 33782

hereinafter designated the CONTRACTOR,

WITNESSETH:

That for and in consideration of the sum of Three million, four hundred, forty-one thousand, sixty-six and 90/100 DOLLARS (\$3,441,066.90) to be paid by the COUNTY to the CONTRACTOR as herein provided, and in further consideration of the mutual covenants and promises to be kept and performed by and between the parties hereto, it is agreed as follows:

A. THE CONTRACTOR AGREES:

1. To furnish all services, labor, materials and equipment necessary for the complete performance, in a thorough and workmanlike manner, of the work contemplated under BID NO.: 089-0311-C(DM), PROJECT NO.: 1965 - PUMP STATION REHABILITATION/IMPROVEMENTS ANNUAL REQUIREMENTS FOR 08/09 in Pinellas County, Florida, to comply with the applicable standards, and to perform all work in strict accordance with the terms of the Contract Documents, defined in Section D of this Agreement.
2. To commence work under this contract with an adequate force and equipment within fifteen (--15--) consecutive calendar days after receipt of written notice from the COUNTY to proceed hereunder, and to fully complete all necessary work under the same within not more than 730 consecutive calendar days. It is understood and agreed that the date on which the consecutive calendar days will begin to be charged to the project shall be the fifteenth (15th) calendar day from the date of receipt of the Notice to Proceed. Time of performance and completion of the work of this contract is of the essence.
3. This contract may be extended by mutual agreement of both parties, subject to approval by the Pinellas County Board of County Commissioners, for an additional twelve (12) month period beyond the original contract period. Said extension shall be subject to the same terms and contract as the original contract.
4. That upon failure to complete all work within the time provided for above, the Contractor shall pay to the County such sums as shall be determined in accordance with the Liquidated Damages provision of this contract, and the payment of such sum shall be secured as provided for therein.
5. That the CONTRACTOR and each subcontractor shall furnish to the COUNTY, upon demand, a certified copy of the payroll covering work under this contract, together

with such other information as may be required by the COUNTY to ensure compliance with the law and the provisions of this contract.

6. To procure all insurance as required by the Instructions to Bidders.
7. To procure and maintain all permits and licenses which may be required by law in connection with the prosecution of the work contemplated hereunder, except for those permits obtained by the County as expressly set forth in Division P of the Contract Documents. Notwithstanding the provisions above, the Contractor shall be responsible for non-compliance of all permit requirements, including all fines resulting from Contractor's non-compliance of said requirements.
8. To permit any representative(s) of the COUNTY, at all reasonable times, to inspect the work in progress or any of the materials used or to be used in connection therewith, whether such work is located on or off the project site, and to furnish promptly, without additional charge, all reasonable facilities, labor and materials deemed necessary by the County's Engineer, for the conducting of such inspections and tests as he may require.
9. Unless otherwise provided in the special provisions, conditions and specifications, to assume liability for all damage to work under construction or completed, whether from fire, water, winds, vandalism, or other causes, until final completion and acceptance by the County and notwithstanding the fact that partial payments may have been made during construction.
10. No subcontract or transfer of contract shall in any case release either the Contractor or his surety of any liability under the contract and bonds. The County reserves the right to reject any subcontractors or equipment.
11. To the maximum extent permitted by Florida law, the Contractor shall defend, indemnify, and hold harmless the County and its officers and employees from any and all liabilities, claims, damages, penalties, demands, judgments, actions, proceedings, losses or costs, including, but not limited to, reasonable attorneys' fees and paralegals' fees, or by on account of, any claim or amounts recovered under the "Workers' Compensation Law" or of any other laws, by-laws, ordinance, order or decree whether resulting from any claimed breach of this Agreement by the Contractor or from personal injury, property damage, direct or consequential damages, or economic loss, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the Contractor or anyone employed or utilized by the Contractor in the performance of this Agreement.

The duty to defend under this Paragraph 10 is independent and separate from the duty to indemnify, and the duty to defend exists regardless of any ultimate liability of the Contractor, Owner and any indemnified party. The duty to defend arises immediately upon presentation of a claim by any party and written notice of such claim being provided to the Contractor. The Contractor's obligation to indemnify and defend under this Paragraph 10 will survive the expiration or earlier termination of this Agreement until it is determined by final judgment that an action against the Owner or an indemnified party for the matter indemnified hereunder is fully and finally barred by the applicable statute of limitations. The Contractor shall guarantee the payment of all just claims for materials, supplies, tools, labor or other just claims against him or any subcontractor in connection with this Agreement; and his bonds

will not be released by final acceptance and payment by the County unless all such claims are paid or released.

B. THE COUNTY AGREES:

1. To pay to the Contractor the contract price herein above specified, as follows:

If progress satisfactory to the County is being made by the Contractor, the Contractor will receive partial payments on this contract as the work progresses, based upon estimates of the amount of work done less payments previously made. The Contractor will submit an itemized invoice upon completion of each portion or phase of construction for approval and payment together with an affidavit stating all bills for labor or materials or appliances in connection with the particular project have been paid. Request for payments shall be made on the format as shown on the application for payment form. The retainage on partial payments shall be based on an amount of ten percent (10%) of the value of the work completed on each assignment under construction. At the completion and acceptance of each assignment, final payment will be made in full for that assignment, and will include all retainage. No partial payments shall be made for assignments of less than five thousand (\$5,000), or as otherwise noted in Notice to Proceed for each assignment. Neither progress payment nor partial or entire use or occupancy of the project by the County shall constitute an acceptance of work not in accordance with the Contract Documents.

The County, prior to making of any payment, may require the Contractor to furnish a certificate or other evidence showing the amount of work done or completed at that time.

2. If the Contractor shall so request, to furnish, without charge, two (2) certified copies of any motions or resolutions authorizing the execution of this Contract, or amendments thereto, or any changes in the plans, drawings or specifications pertaining to this contract.

C. IT IS MUTUALLY AGREED:

1. That no change, alteration, amendment, payment for extra work or agreement to pay for same, shall be binding upon the County until its Director of Utilities Engineering shall have approved the same, and until the same shall be properly approved by the Board of County Commissioners.
2. That the Director of Utilities Engineering shall represent the County insofar as prosecution of the work, and interpretation of the plans and specifications are concerned, and that no payments shall be made by the County under this contract except upon the certificate of the Director of Utilities Engineering.
3. This Contract shall be interpreted under and its performance governed by the laws of the State of Florida.
4. The failure of the County to enforce at any time or for any period of time any one or more of the provisions of the Contract Documents shall not be construed to be and shall not be a waiver of any such provision or provisions or of its rights thereafter to enforce each and every such provision.
5. Each of the parties hereto agrees and represents that this Contract comprises the full and entire agreement between the parties affecting the work contemplated, and that no other agreement or understanding of any nature concerning the same has been entered into or

will be recognized, and that all negotiations, acts, work performed, or payments made prior to execution hereof shall be deemed merged into, integrated and superseded by this Contract.

6. Should any provision of this Contract be determined by a court to be unenforceable, such determination shall not affect the validity or enforceability of any section or part thereof.

D. The following named Documents, which shall be referred to as the "Contract Documents," are by reference hereby incorporated into this contract:

- DIVISION AInstructions to Bidders
- DIVISION BGeneral Conditions
- DIVISION DSpecial Provisions
- DIVISION J.....Standard & Supplemental Technical Specifications
- DIVISION WProposal and Bid
- DIVISION YPerformance Bond / Payment Bond
- DIVISION Z.....Affidavit by General Contractor
- APPENDIX A1 "Sample Payment Request Form"
- APPENDIX A2 "Sample Change Order"
- APPENDIX A3SCHEDULE OF STORED MATERIALS

Construction Plans prepared by the Engineer of record for this project.

E. This contract shall be binding upon, and shall inure to the benefit of the executors, administrators, heirs, successors and assigns of the Contractor.

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be executed on the day and year as written.

PINELLAS COUNTY acting by and through its Board of County Commissioners

Rowland, Inc.
(Name of Firm)

By: _____
Chairman

By: _____

Date: _____

Print Name: _____

Title: _____

ATTEST: _____

ATTEST: _____

Ken Burke
Clerk of the Circuit Court

Print Name: _____

Title: _____

WITNESSES:

BY: _____
Deputy Clerk

Reviewed and Approved Subject To Proper Execution:

Print Name: _____

Business Address: _____

BY: *John Morino*
Office of County Attorney

Print Name: _____

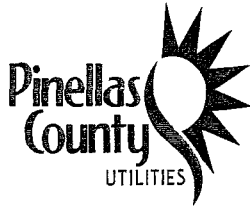
Business Address: _____

Approved as to Form:

BY: _____
Office of County Attorney


Contractor's Registration or Certification No.

CORPORATE SEAL



**PINELLAS COUNTY UTILITIES
ENGINEERING DEPARTMENT
14 S. Ft. Harrison Ave. 6th Fl.
Clearwater, FL. 33756
Phone 464-3588
Fax 464-3595**

INTEROFFICE MEMO

TO: Trina Shisler, Sr. Contract Services Specialist
FROM: William Joyce P.E., Project Manager 
SUBJECT: Project 1965 – Pump Station Rehabilitations-Improvements
Annual Requirements 2008-2009
DATE: April 16, 2009

Six bids were received for this project. The low bid of \$3,441,066.90 received from Rowland, Inc. was approximately 23.9% above the Pinellas County Utilities Engineering estimate of \$2,800,000.00 and is the lowest responsive, responsible bid as determined by Utilities Engineering. The increased cost of this project is due to major increases in the cost of stainless steel which is used for our control panel enclosures as well as increased costs for the use of stainless steel riser pipes and fittings which are a part of this contract. Other bid items that are significantly above the Engineering Estimate included: stainless steel pipe saddle supports and the cost of new submersible pumps. It is recommended that Rowland, Inc. be awarded the contract.

Sanitary Sewer Pump Station Repair & Rehabilitation Annual Contract 08/09 BID TAB
 Project No.: 1965, Bid No.: 089-0311-C(DM)

BID COMPARISON DATA				ROWLAND INC.		QRC, INC.		TLC DIVERSIFIED		RTD CONSTRUCTION		WESTRA CONSTRUCTION		KIMMINS CONTRACTING	
No.	ITEM	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0	Mobilization/Demobilization														
	a. \$2,500 or less	4	EA	\$250.00	\$1,000.00	\$250.00	\$1,000.00	\$400.00	\$1,600.00	\$750.00	\$3,000.00	\$280.00	\$1,120.00	\$1,500.00	\$6,000.00
	b. \$5,000 or less	4	EA	\$500.00	\$2,000.00	\$250.00	\$1,000.00	\$500.00	\$2,000.00	\$1,500.00	\$6,000.00	\$370.00	\$1,480.00	\$1,500.00	\$6,000.00
	c. \$7,500 or less	4	EA	\$750.00	\$3,000.00	\$250.00	\$1,000.00	\$1,000.00	\$4,000.00	\$4,500.00	\$18,000.00	\$465.00	\$1,860.00	\$2,000.00	\$8,000.00
	d. \$7,501 or greater	8	EA	\$1,000.00	\$8,000.00	\$2,500.00	\$20,000.00	\$5,000.00	\$40,000.00	\$19,500.00	\$156,000.00	\$560.00	\$4,480.00	\$2,000.00	\$16,000.00
00	Execution of General Requirements														
	a. \$2,500 or less	2	EA	\$100.00	\$200.00	\$100.00	\$200.00	\$200.00	\$400.00	\$500.00	\$1,000.00	\$2,270.00	\$4,540.00	\$1,000.00	\$2,000.00
	b. \$5,000 or less	2	EA	\$200.00	\$400.00	\$100.00	\$200.00	\$250.00	\$500.00	\$1,000.00	\$2,000.00	\$4,490.00	\$8,980.00	\$1,000.00	\$2,000.00
	c. \$7,500 or less	4	EA	\$300.00	\$1,200.00	\$100.00	\$400.00	\$500.00	\$2,000.00	\$4,000.00	\$16,000.00	\$6,120.00	\$24,480.00	\$1,000.00	\$4,000.00
	d. \$7,501 or greater	10	EA	\$400.00	\$4,000.00	\$1,000.00	\$10,000.00	\$2,500.00	\$25,000.00	\$14,750.00	\$147,500.00	\$5,510.00	\$55,100.00	\$1,000.00	\$10,000.00
1	Initial Excavation Per Dig - 20 LF														
	a. 0'-6' depth	4	EA	\$1,825.00	\$7,300.00	\$3,300.00	\$13,200.00	\$2,250.00	\$9,000.00	\$630.00	\$2,520.00	\$1,135.00	\$4,540.00	\$1,087.00	\$4,348.00
	b. 6'-8' depth	4	EA	\$1,950.00	\$7,800.00	\$3,350.00	\$13,400.00	\$3,000.00	\$12,000.00	\$820.00	\$3,280.00	\$1,220.00	\$4,880.00	\$1,359.00	\$5,436.00
	c. 8'-10' depth	4	EA	\$2,175.00	\$8,700.00	\$3,400.00	\$13,600.00	\$3,300.00	\$13,200.00	\$1,400.00	\$5,600.00	\$1,340.00	\$5,360.00	\$1,433.00	\$5,732.00
	d. 10'-12' depth	2	EA	\$2,725.00	\$5,450.00	\$3,450.00	\$6,900.00	\$3,800.00	\$7,600.00	\$2,700.00	\$5,400.00	\$1,490.00	\$2,980.00	\$2,157.00	\$4,314.00
	e. 12'-14' depth	2	EA	\$3,200.00	\$6,400.00	\$3,500.00	\$7,000.00	\$4,100.00	\$8,200.00	\$3,000.00	\$6,000.00	\$1,680.00	\$3,360.00	\$2,823.00	\$5,646.00
	f. 14'-16' depth	2	EA	\$3,650.00	\$7,300.00	\$3,550.00	\$7,100.00	\$4,200.00	\$8,400.00	\$4,000.00	\$8,000.00	\$1,900.00	\$3,800.00	\$4,944.00	\$9,888.00
	g. 16'-18' depth	2	EA	\$4,550.00	\$9,100.00	\$3,600.00	\$7,200.00	\$4,500.00	\$9,000.00	\$5,000.00	\$10,000.00	\$3,050.00	\$6,100.00	\$6,625.00	\$13,250.00
	h. 18' or higher depth	2	EA	\$5,450.00	\$10,900.00	\$3,650.00	\$7,300.00	\$5,000.00	\$10,000.00	\$6,700.00	\$13,400.00	\$3,350.00	\$6,700.00	\$8,281.00	\$16,562.00
2	Additional Excavation - 10 LF														
	a. 0'-6' depth	2	EA	\$675.00	\$1,350.00	\$750.00	\$1,500.00	\$700.00	\$1,400.00	\$180.00	\$360.00	\$570.00	\$1,140.00	\$340.00	\$680.00
	b. 6'-8' depth	2	EA	\$725.00	\$1,450.00	\$775.00	\$1,550.00	\$725.00	\$1,450.00	\$280.00	\$560.00	\$610.00	\$1,220.00	\$453.00	\$906.00
	c. 8'-10' depth	2	EA	\$775.00	\$1,550.00	\$800.00	\$1,600.00	\$750.00	\$1,500.00	\$440.00	\$880.00	\$670.00	\$1,340.00	\$563.00	\$1,126.00
	d. 10'-12' depth	2	EA	\$850.00	\$1,700.00	\$825.00	\$1,650.00	\$800.00	\$1,600.00	\$750.00	\$1,500.00	\$740.00	\$1,480.00	\$563.00	\$1,126.00
	e. 12'-14' depth	2	EA	\$900.00	\$1,800.00	\$850.00	\$1,700.00	\$850.00	\$1,700.00	\$1,000.00	\$2,000.00	\$840.00	\$1,680.00	\$704.00	\$1,408.00
	f. 14'-16' depth	2	EA	\$1,100.00	\$2,200.00	\$875.00	\$1,750.00	\$1,000.00	\$2,000.00	\$1,700.00	\$3,400.00	\$930.00	\$1,860.00	\$1,104.00	\$2,208.00
	g. 16'-18' depth	2	EA	\$1,225.00	\$2,450.00	\$900.00	\$1,800.00	\$1,100.00	\$2,200.00	\$2,050.00	\$4,100.00	\$1,530.00	\$3,060.00	\$1,656.00	\$3,312.00
	h. 18' or higher depth	2	EA	\$1,375.00	\$2,750.00	\$925.00	\$1,850.00	\$1,200.00	\$2,400.00	\$2,600.00	\$5,200.00	\$1,670.00	\$3,340.00	\$4,561.00	\$9,122.00
3	By-Pass Pumping Set Up w / 2 pumps														
	a. 0 HP to 3HP	2	EA	\$1,300.00	\$2,600.00	\$750.00	\$1,500.00	\$1,570.00	\$3,140.00	\$1,200.00	\$2,400.00	\$1,790.00	\$3,580.00	\$340.00	\$680.00
	b. 3.1 HP to 5HP	2	EA	\$1,300.00	\$2,600.00	\$1,500.00	\$3,000.00	\$1,570.00	\$3,140.00	\$1,200.00	\$2,400.00	\$2,020.00	\$4,040.00	\$408.00	\$816.00
	c. .5.1 HP to 7.5HP	2	EA	\$1,300.00	\$2,600.00	\$1,500.00	\$3,000.00	\$1,570.00	\$3,140.00	\$1,200.00	\$2,400.00	\$2,330.00	\$4,660.00	\$544.00	\$1,088.00
	d. 7.6 HP to 10HP	2	EA	\$1,300.00	\$2,600.00	\$1,500.00	\$3,000.00	\$1,570.00	\$3,140.00	\$1,200.00	\$2,400.00	\$2,630.00	\$5,260.00	\$680.00	\$1,360.00
	e. 10.1 HP to 15HP	4	EA	\$1,300.00	\$5,200.00	\$1,500.00	\$6,000.00	\$1,570.00	\$6,280.00	\$1,300.00	\$5,200.00	\$2,630.00	\$10,520.00	\$680.00	\$2,720.00
	f. 15.1 HP to 20HP	4	EA	\$1,950.00	\$7,800.00	\$1,500.00	\$6,000.00	\$1,570.00	\$6,280.00	\$1,300.00	\$5,200.00	\$2,810.00	\$11,240.00	\$408.00	\$1,632.00
	g. 20.1 HP to 47HP	2	EA	\$1,950.00	\$3,900.00	\$1,500.00	\$3,000.00	\$1,625.00	\$3,250.00	\$1,400.00	\$2,800.00	\$3,100.00	\$6,200.00	\$476.00	\$952.00
	h. 47.1 HP to 88 HP	2	EA	\$2,000.00	\$4,000.00	\$1,500.00	\$3,000.00	\$2,400.00	\$4,800.00	\$3,000.00	\$6,000.00	\$3,880.00	\$7,760.00	\$1,087.00	\$2,174.00
	i. 88.1 HP and greater	2	EA	\$9,990.00	\$19,980.00	\$1,500.00	\$3,000.00	\$2,400.00	\$4,800.00	\$3,000.00	\$6,000.00	\$5,220.00	\$10,440.00	\$1,359.00	\$2,718.00
4	By-Pass Pumping Operation with 2 pumps														
	a. 0 HP to 3HP	2	DAYS	\$425.00	\$850.00	\$800.00	\$1,600.00	\$575.00	\$1,150.00	\$1,100.00	\$2,200.00	\$2,290.00	\$4,580.00	\$488.00	\$976.00
	b. 3.1 HP to 5HP	2	DAYS	\$425.00	\$850.00	\$850.00	\$1,700.00	\$575.00	\$1,150.00	\$1,100.00	\$2,200.00	\$2,290.00	\$4,580.00	\$586.00	\$1,172.00
	c. .5.1 HP to 7.5HP	2	DAYS	\$425.00	\$850.00	\$900.00	\$1,800.00	\$575.00	\$1,150.00	\$1,100.00	\$2,200.00	\$2,290.00	\$4,580.00	\$586.00	\$1,172.00
	d. 7.6 HP to 10HP	2	DAYS	\$425.00	\$850.00	\$925.00	\$1,850.00	\$575.00	\$1,150.00	\$1,100.00	\$2,200.00	\$2,290.00	\$4,580.00	\$683.00	\$1,366.00
	e. 10.1 HP to 15HP	4	DAYS	\$425.00	\$1,700.00	\$950.00	\$3,800.00	\$575.00	\$2,300.00	\$1,200.00	\$4,800.00	\$2,290.00	\$9,160.00	\$781.00	\$3,124.00
	f. 15.1 HP to 20HP	4	DAYS	\$1,055.00	\$4,220.00	\$975.00	\$3,900.00	\$575.00	\$2,300.00	\$1,200.00	\$4,800.00	\$2,290.00	\$9,160.00	\$879.00	\$3,516.00
	g. 20.1 HP to 47HP	2	DAYS	\$1,055.00	\$2,110.00	\$1,000.00	\$2,000.00	\$845.00	\$1,690.00	\$1,300.00	\$2,600.00	\$2,590.00	\$5,180.00	\$1,074.00	\$2,148.00
	h. 47.1 HP to 88 HP	2	DAYS	\$1,205.00	\$2,410.00	\$1,050.00	\$2,100.00	\$1,300.00	\$2,600.00	\$1,700.00	\$3,400.00	\$2,980.00	\$5,960.00	\$1,269.00	\$2,538.00
	i. 88.1 HP and greater	2	DAYS	\$6,020.00	\$12,040.00	\$1,100.00	\$2,200.00	\$1,300.00	\$2,600.00	\$1,700.00	\$3,400.00	\$3,130.00	\$6,260.00	\$1,464.00	\$2,928.00

BID COMPARISON DATA				ROWLAND INC.	QRC, INC.	TLC	DIVERSIFIED	RTD CONSTRUCTION	WESTRA	CONSTRUCTION	KIMMINS CONTRACTING				
4A	Furnish & Install Line Stop														
	a. 4"	2	EA	\$1,900.00	\$3,800.00	\$3,500.00	\$7,000.00	\$1,750.00	\$3,500.00	\$4,675.00	\$9,350.00	\$5,300.00	\$10,600.00	\$6,389.00	\$12,778.00
	b. 6"	2	EA	\$2,150.00	\$4,300.00	\$4,000.00	\$8,000.00	\$2,000.00	\$4,000.00	\$5,000.00	\$10,000.00	\$6,100.00	\$12,200.00	\$6,389.00	\$12,778.00
	c. 8"	2	EA	\$2,400.00	\$4,800.00	\$4,700.00	\$9,400.00	\$2,425.00	\$4,850.00	\$6,000.00	\$12,000.00	\$6,600.00	\$13,200.00	\$7,867.00	\$15,734.00
	d. 10"	2	EA	\$2,900.00	\$5,800.00	\$5,250.00	\$10,500.00	\$3,000.00	\$6,000.00	\$6,600.00	\$13,200.00	\$7,800.00	\$15,600.00	\$8,542.00	\$17,084.00
	e. 12"	2	EA	\$3,100.00	\$6,200.00	\$5,500.00	\$11,000.00	\$3,350.00	\$6,700.00	\$7,200.00	\$14,400.00	\$8,000.00	\$16,000.00	\$9,354.00	\$18,708.00
	f. 18"	2	EA	\$7,500.00	\$15,000.00	\$9,500.00	\$19,000.00	\$7,700.00	\$15,400.00	\$12,200.00	\$24,400.00	\$17,400.00	\$34,800.00	\$16,107.00	\$32,214.00
	g. 24"	2	EA	\$11,500.00	\$23,000.00	\$12,000.00	\$24,000.00	\$12,300.00	\$24,600.00	\$14,200.00	\$28,400.00	\$26,250.00	\$52,500.00	\$16,929.00	\$33,858.00
5	Well Point Dewatering-Initial 12 Points														
	a. 0'-6' depth	2	EA	\$1,550.00	\$3,100.00	\$3,000.00	\$6,000.00	\$2,000.00	\$4,000.00	\$2,300.00	\$4,600.00	\$2,950.00	\$5,900.00	\$2,619.00	\$5,238.00
	b. 6'-8' depth	2	EA	\$1,550.00	\$3,100.00	\$3,000.00	\$6,000.00	\$2,075.00	\$4,150.00	\$2,300.00	\$4,600.00	\$3,660.00	\$7,320.00	\$3,274.00	\$6,548.00
	c. 8'-10' depth	2	EA	\$1,550.00	\$3,100.00	\$3,000.00	\$6,000.00	\$2,160.00	\$4,320.00	\$2,600.00	\$5,200.00	\$3,700.00	\$7,400.00	\$3,432.00	\$6,864.00
	d. 10'-12' depth	2	EA	\$1,750.00	\$3,500.00	\$3,000.00	\$6,000.00	\$2,240.00	\$4,480.00	\$2,600.00	\$5,200.00	\$3,850.00	\$7,700.00	\$3,746.00	\$7,492.00
	e. 12'-14' depth	2	EA	\$1,750.00	\$3,500.00	\$3,000.00	\$6,000.00	\$2,950.00	\$5,900.00	\$2,800.00	\$5,600.00	\$4,100.00	\$8,200.00	\$4,677.00	\$9,354.00
	f. 14'-16' depth	2	EA	\$1,750.00	\$3,500.00	\$3,000.00	\$6,000.00	\$3,040.00	\$6,080.00	\$3,400.00	\$6,800.00	\$4,200.00	\$8,400.00	\$4,677.00	\$9,354.00
	g. 16'-18' depth	2	EA	\$1,950.00	\$3,900.00	\$3,000.00	\$6,000.00	\$3,100.00	\$6,200.00	\$3,400.00	\$6,800.00	\$4,550.00	\$9,100.00	\$4,677.00	\$9,354.00
	h. 18' or higher depth	2	EA	\$2,150.00	\$4,300.00	\$3,000.00	\$6,000.00	\$3,300.00	\$6,600.00	\$3,600.00	\$7,200.00	\$4,700.00	\$9,400.00	\$4,677.00	\$9,354.00
5A	Well Point Dewatering-Additional per Well Point														
	a. 0'-6' depth	2	EA	\$60.00	\$120.00	\$100.00	\$200.00	\$50.00	\$100.00	\$120.00	\$240.00	\$260.00	\$520.00	\$62.00	\$124.00
	b. 6'-8' depth	2	EA	\$70.00	\$140.00	\$100.00	\$200.00	\$50.00	\$100.00	\$120.00	\$240.00	\$320.00	\$640.00	\$62.00	\$124.00
	c. 8'-10' depth	2	EA	\$80.00	\$160.00	\$100.00	\$200.00	\$55.00	\$110.00	\$145.00	\$290.00	\$320.00	\$640.00	\$62.00	\$124.00
	d. 10'-12' depth	2	EA	\$90.00	\$180.00	\$100.00	\$200.00	\$60.00	\$120.00	\$145.00	\$290.00	\$370.00	\$740.00	\$71.00	\$142.00
	e. 12'-14' depth	2	EA	\$100.00	\$200.00	\$100.00	\$200.00	\$80.00	\$160.00	\$145.00	\$290.00	\$400.00	\$800.00	\$114.00	\$228.00
	f. 14'-16' depth	2	EA	\$110.00	\$220.00	\$100.00	\$200.00	\$90.00	\$180.00	\$170.00	\$340.00	\$420.00	\$840.00	\$114.00	\$228.00
	g. 16'-18' depth	2	EA	\$120.00	\$240.00	\$100.00	\$200.00	\$100.00	\$200.00	\$170.00	\$340.00	\$460.00	\$920.00	\$137.00	\$274.00
	h. 18' or higher depth	2	EA	\$130.00	\$260.00	\$100.00	\$200.00	\$110.00	\$220.00	\$180.00	\$360.00	\$530.00	\$1,060.00	\$171.00	\$342.00
6	Furnish and Install Gate Valve and Joint Restraints														
	a. 4" diameter	4	EA	\$800.00	\$3,200.00	\$800.00	\$3,200.00	\$800.00	\$3,200.00	\$700.00	\$2,800.00	\$1,180.00	\$4,720.00	\$823.00	\$3,292.00
	b. 6" diameter	4	EA	\$915.00	\$3,660.00	\$1,200.00	\$4,800.00	\$1,050.00	\$4,200.00	\$850.00	\$3,400.00	\$1,440.00	\$5,760.00	\$1,058.00	\$4,232.00
	c. 8" diameter	2	EA	\$1,305.00	\$2,610.00	\$1,300.00	\$2,600.00	\$1,425.00	\$2,850.00	\$1,300.00	\$2,600.00	\$1,790.00	\$3,580.00	\$1,467.00	\$2,934.00
	d. 10" diameter	2	EA	\$1,965.00	\$3,930.00	\$1,500.00	\$3,000.00	\$2,000.00	\$4,000.00	\$1,900.00	\$3,800.00	\$2,360.00	\$4,720.00	\$2,338.00	\$4,676.00
	e. 12" diameter	2	EA	\$2,275.00	\$4,550.00	\$1,500.00	\$3,000.00	\$2,250.00	\$4,500.00	\$2,200.00	\$4,400.00	\$2,720.00	\$5,440.00	\$2,738.00	\$5,476.00
7	Furnish and Install Check Valves														
	a. 4" diameter	4	EA	\$1,200.00	\$4,800.00	\$1,000.00	\$4,000.00	\$1,350.00	\$5,400.00	\$1,300.00	\$5,200.00	\$1,630.00	\$6,520.00	\$1,795.00	\$7,180.00
	b. 6" diameter	4	EA	\$1,650.00	\$6,600.00	\$1,800.00	\$7,200.00	\$1,650.00	\$6,600.00	\$1,800.00	\$7,200.00	\$2,020.00	\$8,080.00	\$2,261.00	\$9,044.00
	c. 8" diameter	2	EA	\$2,400.00	\$4,800.00	\$1,800.00	\$3,600.00	\$2,410.00	\$4,820.00	\$2,600.00	\$5,200.00	\$2,820.00	\$5,640.00	\$3,303.00	\$6,606.00
	d. 10" diameter	2	EA	\$3,875.00	\$7,750.00	\$2,200.00	\$4,400.00	\$3,800.00	\$7,600.00	\$4,200.00	\$8,400.00	\$4,230.00	\$8,460.00	\$5,261.00	\$10,522.00
	e. 12" diameter	2	EA	\$5,250.00	\$10,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$10,000.00	\$5,800.00	\$11,600.00	\$5,880.00	\$11,760.00	\$7,642.00	\$15,284.00
8	Ductile Iron Pipe Replacement (Flanged and Coated)														
	a. 4" diameter	60	LF	\$80.00	\$4,800.00	\$125.00	\$7,500.00	\$160.00	\$9,600.00	\$111.00	\$6,660.00	\$80.00	\$4,800.00	\$149.00	\$8,940.00
	b. 6" diameter	40	LF	\$83.00	\$3,320.00	\$150.00	\$6,000.00	\$185.00	\$7,400.00	\$126.00	\$5,040.00	\$85.00	\$3,400.00	\$199.00	\$7,960.00
	c. 8" diameter	30	LF	\$98.00	\$2,940.00	\$200.00	\$6,000.00	\$225.00	\$6,750.00	\$198.00	\$5,940.00	\$105.00	\$3,150.00	\$265.00	\$7,950.00
	d. 10" diameter	20	LF	\$110.00	\$2,200.00	\$205.00	\$4,100.00	\$300.00	\$6,000.00	\$249.00	\$4,980.00	\$145.00	\$2,900.00	\$320.00	\$6,400.00
	e. 12" diameter	20	LF	\$123.00	\$2,460.00	\$270.00	\$5,400.00	\$350.00	\$7,000.00	\$306.00	\$6,120.00	\$170.00	\$3,400.00	\$428.00	\$8,560.00

BID COMPARISON DATA		ROWLAND INC.	QRC, INC.	TLC	DIVERSIFIED	RTD CONSTRUCTION	WESTRA	CONSTRUCTION	KIMMINS CONTRACTING						
8A	Stainless Steel(316-Sch. 40) Risers with Flanges														
	a. 4" diameter	60	LF	\$106.00	\$6,360.00	\$160.00	\$9,600.00	\$260.00	\$15,600.00	\$85.00	\$5,100.00	\$105.00	\$6,300.00	\$227.00	\$13,620.00
	b. 6" diameter	40	LF	\$147.00	\$5,880.00	\$180.00	\$7,200.00	\$285.00	\$11,400.00	\$145.00	\$5,800.00	\$160.00	\$6,400.00	\$276.00	\$11,040.00
	c. 8" diameter	30	LF	\$230.00	\$6,900.00	\$265.00	\$7,950.00	\$325.00	\$9,750.00	\$265.00	\$7,950.00	\$300.00	\$9,000.00	\$536.00	\$16,080.00
	d. 10" diameter	20	LF	\$520.00	\$10,400.00	\$190.00	\$3,800.00	\$415.00	\$8,300.00	\$305.00	\$6,100.00	\$315.00	\$6,300.00	\$749.00	\$14,980.00
	e. 12" diameter	20	LF	\$574.00	\$11,480.00	\$200.00	\$4,000.00	\$450.00	\$9,000.00	\$350.00	\$7,000.00	\$330.00	\$6,600.00	\$1,315.00	\$26,300.00
9	Ductile Iron Fittings and Restraints	4	TON	\$11,075.00	\$44,300.00	\$15,000.00	\$60,000.00	\$15,000.00	\$60,000.00	\$11,000.00	\$44,000.00	\$10,050.00	\$40,200.00	\$14,505.00	\$58,020.00
9A	Stainless Steel Fittings and Restraints	1	TON	\$24,825.00	\$24,825.00	\$40,000.00	\$40,000.00	\$64,500.00	\$64,500.00	\$37,200.00	\$37,200.00	\$28,200.00	\$28,200.00	\$32,320.00	\$32,320.00
9B	Stainless Steel (304) Pipe Saddle Supports														
	a. 4" diameter	2	EA	\$545.00	\$1,090.00	\$75.00	\$150.00	\$410.00	\$820.00	\$630.00	\$1,260.00	\$1,100.00	\$2,200.00	\$401.00	\$802.00
	b. 6" diameter	2	EA	\$595.00	\$1,190.00	\$100.00	\$200.00	\$410.00	\$820.00	\$700.00	\$1,400.00	\$1,100.00	\$2,200.00	\$401.00	\$802.00
	c. 8" diameter	2	EA	\$595.00	\$1,190.00	\$125.00	\$250.00	\$410.00	\$820.00	\$730.00	\$1,460.00	\$1,200.00	\$2,400.00	\$401.00	\$802.00
	d. 10" diameter	2	EA	\$660.00	\$1,320.00	\$150.00	\$300.00	\$440.00	\$880.00	\$840.00	\$1,680.00	\$1,200.00	\$2,400.00	\$401.00	\$802.00
	e. 12" diameter	2	EA	\$660.00	\$1,320.00	\$175.00	\$350.00	\$440.00	\$880.00	\$860.00	\$1,720.00	\$1,300.00	\$2,600.00	\$401.00	\$802.00
10	Furnish and Install Bollards (Per Detail)	4	EA	\$210.00	\$840.00	\$150.00	\$600.00	\$1,050.00	\$4,200.00	\$320.00	\$1,280.00	\$600.00	\$2,400.00	\$236.00	\$944.00
11	Furnish and Install Wet Well - Concrete	50	CY	\$1,250.00	\$62,500.00	\$400.00	\$20,000.00	\$2,065.00	\$103,250.00	\$1,820.00	\$91,000.00	\$2,650.00	\$132,500.00	\$1,589.00	\$79,450.00
11A	Furnish and Install Wet Well - Fiberglass	300	SF	\$125.00	\$37,500.00	\$43.00	\$12,900.00	\$92.00	\$27,600.00	\$140.00	\$42,000.00	\$75.00	\$22,500.00	\$123.00	\$36,900.00
11B	Furnish and Install Manhole with Frame and Cover less than 12 Feet deep	24	VF	\$375.00	\$9,000.00	\$435.00	\$10,440.00	\$544.00	\$13,056.00	\$614.00	\$14,736.00	\$700.00	\$16,800.00	\$701.00	\$16,824.00
11C	Furnish and Install Manhole with Frame and Cover greater than 12 Feet deep	24	VF	\$1,050.00	\$25,200.00	\$500.00	\$12,000.00	\$581.00	\$13,944.00	\$646.00	\$15,504.00	\$750.00	\$18,000.00	\$513.00	\$12,312.00
12	Furnish and Install Wet Well Top Slab, Access Frame and Door (HS-20 Rated)	200	SF	\$100.00	\$20,000.00	\$170.00	\$34,000.00	\$87.00	\$17,400.00	\$66.00	\$13,200.00	\$85.00	\$17,000.00	\$183.00	\$36,600.00
12A	Furnish and Install Wet Well Top Slab, Access Frame and Door (300 PSF Rated)	200	SF	\$75.00	\$15,000.00	\$145.00	\$29,000.00	\$78.00	\$15,600.00	\$59.00	\$11,800.00	\$95.00	\$19,000.00	\$171.00	\$34,200.00
13	Furnish and Install Valve Vault (Duplex)														
	a. 6' x 6'	2	EA	\$3,025.00	\$6,050.00	\$3,500.00	\$7,000.00	\$5,250.00	\$10,500.00	\$6,250.00	\$12,500.00	\$5,500.00	\$11,000.00	\$3,800.00	\$7,600.00
	b. 7' x 7'	2	EA	\$3,725.00	\$7,450.00	\$3,800.00	\$7,600.00	\$5,750.00	\$11,500.00	\$7,050.00	\$14,100.00	\$6,070.00	\$12,140.00	\$4,137.00	\$8,274.00
	c. 7' 6" x 8'	2	EA	\$3,950.00	\$7,900.00	\$3,900.00	\$7,800.00	\$6,000.00	\$12,000.00	\$7,300.00	\$14,600.00	\$6,400.00	\$12,800.00	\$4,476.00	\$8,952.00
	d. 8' 6" x 9'	2	EA	\$6,400.00	\$12,800.00	\$5,000.00	\$10,000.00	\$8,000.00	\$16,000.00	\$8,400.00	\$16,800.00	\$5,690.00	\$11,380.00	\$5,579.00	\$11,158.00
	e. 9' x 10'	2	EA	\$7,000.00	\$14,000.00	\$6,500.00	\$13,000.00	\$9,500.00	\$19,000.00	\$9,525.00	\$19,050.00	\$7,900.00	\$15,800.00	\$5,953.00	\$11,906.00
13A	Furnish and Install Valve Vault (Triplex)														
	a. 6' x 7'	2	EA	\$3,425.00	\$6,850.00	\$3,500.00	\$7,000.00	\$5,750.00	\$11,500.00	\$6,700.00	\$13,400.00	\$6,170.00	\$12,340.00	\$3,944.00	\$7,888.00
	b. 7' x 8'	2	EA	\$3,700.00	\$7,400.00	\$3,800.00	\$7,600.00	\$6,000.00	\$12,000.00	\$7,050.00	\$14,100.00	\$6,800.00	\$13,600.00	\$4,291.00	\$8,582.00
	c. 7' 6" x 10'	2	EA	\$5,950.00	\$11,900.00	\$4,000.00	\$8,000.00	\$7,000.00	\$14,000.00	\$8,400.00	\$16,800.00	\$7,430.00	\$14,860.00	\$5,423.00	\$10,846.00
	d. 8' 6" x 11'	2	EA	\$6,400.00	\$12,800.00	\$6,000.00	\$12,000.00	\$8,000.00	\$16,000.00	\$8,900.00	\$17,800.00	\$8,500.00	\$17,000.00	\$5,968.00	\$11,936.00
	e. 9' x 12'	2	EA	\$6,775.00	\$13,550.00	\$6,500.00	\$13,000.00	\$9,500.00	\$19,000.00	\$9,300.00	\$18,600.00	\$9,920.00	\$19,840.00	\$6,358.00	\$12,716.00

BID COMPARISON DATA				ROWLAND INC.		QRC, INC.		TLC DIVERSIFIED		RTD CONSTRUCTION		WESTRA CONSTRUCTION		KIMMINS CONTRACTING	
14	Furnish and Install Valve Vault Top Slab, Access Frame and Door (HS-20 Rated) (Duplex)	400	SF	\$86.00	\$34,400.00	\$110.00	\$44,000.00	\$88.00	\$35,200.00	\$55.75	\$22,300.00	\$60.00	\$24,000.00	\$134.00	\$53,600.00
14A	Furnish and Install Valve Vault Top Slab, Access Frame and Door (HS-20 Rated) (Triplex)	450	SF	\$90.00	\$40,500.00	\$110.00	\$49,500.00	\$90.00	\$40,500.00	\$61.75	\$27,787.50	\$62.00	\$27,900.00	\$143.00	\$64,350.00
14B	Furnish and Install Valve Vault Top Slab, Access Frame and Door (300 PSF Rated) (Duplex)	400	SF	\$58.00	\$23,200.00	\$100.00	\$40,000.00	\$64.00	\$25,600.00	\$48.00	\$19,200.00	\$77.00	\$30,800.00	\$118.00	\$47,200.00
14C	Furnish and Install Valve Vault Top Slab, Access Frame and Door (300 PSF Rated) (Triplex)	450	SF	\$59.00	\$26,550.00	\$100.00	\$45,000.00	\$69.00	\$31,050.00	\$55.75	\$25,087.50	\$80.00	\$36,000.00	\$124.00	\$55,800.00
15	Install Inside PVC Drop Connection to Wet Well														
	a. 4"	6	VF	\$140.00	\$840.00	\$90.00	\$540.00	\$60.00	\$360.00	\$129.50	\$777.00	\$385.00	\$2,310.00	\$230.00	\$1,380.00
	b. 6"	10	VF	\$145.00	\$1,450.00	\$140.00	\$1,400.00	\$114.00	\$1,140.00	\$80.00	\$800.00	\$385.00	\$3,850.00	\$148.00	\$1,480.00
	c. 8"	6	VF	\$160.00	\$960.00	\$140.00	\$840.00	\$140.00	\$840.00	\$152.00	\$912.00	\$700.00	\$4,200.00	\$249.00	\$1,494.00
	d. 10"	6	VF	\$200.00	\$1,200.00	\$160.00	\$960.00	\$200.00	\$1,200.00	\$191.50	\$1,149.00	\$1,065.00	\$6,390.00	\$264.00	\$1,584.00
	e. 12"	6	VF	\$250.00	\$1,500.00	\$190.00	\$1,140.00	\$240.00	\$1,440.00	\$251.00	\$1,506.00	\$1,160.00	\$6,960.00	\$261.00	\$1,566.00
	f. Over 12"	6	VF	\$275.00	\$1,650.00	\$200.00	\$1,200.00	\$365.00	\$2,190.00	\$298.25	\$1,789.50	\$1,660.00	\$9,960.00	\$354.00	\$2,124.00
16	Furnish and Install Fiberglass Liner With Top and Grout	1000	SF	\$65.00	\$65,000.00	\$35.00	\$35,000.00	\$54.00	\$54,000.00	\$46.25	\$46,250.00	\$56.00	\$56,000.00	\$71.00	\$71,000.00
16A	Install Epoxy Liner (by Raven)	1000	SF	\$20.00	\$20,000.00	\$21.00	\$21,000.00	\$15.00	\$15,000.00	\$22.00	\$22,000.00	\$19.50	\$19,500.00	\$25.00	\$25,000.00
16B	Install SpectraShield™ Lining System	1000	SF	\$30.00	\$30,000.00	\$32.00	\$32,000.00	\$25.00	\$25,000.00	\$22.00	\$22,000.00	\$27.50	\$27,500.00	\$30.00	\$30,000.00
16C	Install SprayRok™ Structure Liner	1000	SF	\$35.00	\$35,000.00	\$32.00	\$32,000.00	\$26.00	\$26,000.00	\$26.00	\$26,000.00	\$26.50	\$26,500.00	\$34.00	\$34,000.00
17	Furnish and Install Area Lighting on 10 Foot Pole	10	EA	\$1,500.00	\$15,000.00	\$1,600.00	\$16,000.00	\$3,280.00	\$32,800.00	\$3,050.00	\$30,500.00	\$3,260.00	\$32,600.00	\$2,724.00	\$27,240.00
17A	Furnish and Install Area Lighting on Gooseneck	10	EA	\$1,500.00	\$15,000.00	\$1,000.00	\$10,000.00	\$540.00	\$5,400.00	\$575.00	\$5,750.00	\$540.00	\$5,400.00	\$778.00	\$7,780.00
18	Furnish and Install Wet Well Draw Tube	100	VF	\$120.00	\$12,000.00	\$100.00	\$10,000.00	\$175.00	\$17,500.00	\$144.00	\$14,400.00	\$88.00	\$8,800.00	\$254.00	\$25,400.00
19	Furnish, Install and Remove Temporary Sheeting	500	SF	\$11.00	\$5,500.00	\$15.00	\$7,500.00	\$20.00	\$10,000.00	\$27.00	\$13,500.00	\$165.00	\$82,500.00	\$25.00	\$12,500.00
20	Furnish and Install Permanent Sheeting	200	SF	\$17.25	\$3,450.00	\$30.00	\$6,000.00	\$26.00	\$5,200.00	\$31.00	\$6,200.00	\$250.00	\$50,000.00	\$53.00	\$10,600.00
21	Pavement Base & Base Restoration														
	a. 6" Crushed Concrete	100	SY	\$19.50	\$1,950.00	\$31.00	\$3,100.00	\$34.00	\$3,400.00	\$16.50	\$1,650.00	\$13.30	\$1,330.00	\$42.00	\$4,200.00
22	Asphalt Pavement Base & Base Restoration														
	a. 4" Asphaltic Base	100	SY	\$44.10	\$4,410.00	\$59.00	\$5,900.00	\$68.00	\$6,800.00	\$24.00	\$2,400.00	\$17.40	\$1,740.00	\$50.00	\$5,000.00
23	Asphalt Surface Pavement														
	a. 1" PC-3 ACSC	100	SY	\$11.05	\$1,105.00	\$17.00	\$1,700.00	\$33.00	\$3,300.00	\$30.00	\$3,000.00	\$10.00	\$1,000.00	\$21.00	\$2,100.00

BID COMPARISON DATA				ROWLAND INC.	QRC, INC.	TLC	DIVERSIFIED	RTD CONSTRUCTION	WESTRA CONSTRUCTION	KIMMINS CONTRACTING					
24	Flowable Fill	6	CY	\$180.00	\$1,080.00	\$300.00	\$1,800.00	\$200.00	\$1,200.00	\$213.00	\$1,278.00	\$190.00	\$1,140.00	\$130.00	\$780.00
24A	Furnish and Install Structural Concrete (4000 psi)	20	CY	\$835.00	\$16,700.00	\$1,200.00	\$24,000.00	\$880.00	\$17,600.00	\$450.00	\$9,000.00	\$710.00	\$14,200.00	\$414.00	\$8,280.00
25	Shell Driveway Base, 6" Thick	20	SY	\$13.90	\$278.00	\$31.00	\$620.00	\$31.00	\$620.00	\$11.00	\$220.00	\$78.00	\$1,560.00	\$51.00	\$1,020.00
26	Remove/Reconstruct Concrete Driveways/Control Panel Slabs: All 6 inches thick around wet wells	10	CY	\$501.11	\$5,011.10	\$435.00	\$4,350.00	\$715.00	\$7,150.00	\$300.00	\$3,000.00	\$730.00	\$7,300.00	\$593.00	\$5,930.00
27	Pea Gravel Driveway	4	CY	\$585.00	\$2,340.00	\$60.00	\$240.00	\$156.00	\$624.00	\$146.50	\$586.00	\$2,350.00	\$9,400.00	\$476.00	\$1,904.00
28	Remove/Reconstruct Concrete Sidewalks	10	CY	\$490.00	\$4,900.00	\$400.00	\$4,000.00	\$600.00	\$6,000.00	\$440.00	\$4,400.00	\$170.00	\$1,700.00	\$589.00	\$5,890.00
29	Remove/Reconstruct Concrete Curb and Gutters	150	LF	\$29.50	\$4,425.00	\$25.00	\$3,750.00	\$32.00	\$4,800.00	\$13.00	\$1,950.00	\$82.00	\$12,300.00	\$26.00	\$3,900.00
30	Grass Restoration by Seeding	4	SY	\$3.45	\$13.80	\$5.00	\$20.00	\$5.00	\$20.00	\$0.50	\$2.00	\$2.20	\$8.80	\$2.00	\$8.00
31	Grass Restoration by Sodding	250	SY	\$3.45	\$862.50	\$10.00	\$2,500.00	\$6.50	\$1,625.00	\$2.00	\$500.00	\$3.30	\$825.00	\$3.20	\$800.00
32	Special Refill Materials - Crushed Stone	50	CY	\$49.85	\$2,492.50	\$60.00	\$3,000.00	\$40.00	\$2,000.00	\$63.00	\$3,150.00	\$10.00	\$500.00	\$77.00	\$3,850.00
33	Special Backfill Materials - Sand	20	CY	\$37.85	\$757.00	\$40.00	\$800.00	\$34.00	\$680.00	\$18.00	\$360.00	\$10.00	\$200.00	\$65.00	\$1,300.00
34	Remove and Replace Concrete for Wall Penetrations														
	a. 2" Diameter Hole	2	EA	\$232.00	\$464.00	\$300.00	\$600.00	\$300.00	\$600.00	\$166.00	\$332.00	\$275.00	\$550.00	\$343.00	\$686.00
	b. 4" Diameter Hole	2	EA	\$277.00	\$554.00	\$300.00	\$600.00	\$340.00	\$680.00	\$242.50	\$485.00	\$330.00	\$660.00	\$375.00	\$750.00
	c. 6" Diameter Hole	2	EA	\$373.00	\$746.00	\$600.00	\$1,200.00	\$475.00	\$950.00	\$354.50	\$709.00	\$390.00	\$780.00	\$407.00	\$814.00
	d. 8" Diameter Hole	2	EA	\$373.00	\$746.00	\$1,500.00	\$3,000.00	\$590.00	\$1,180.00	\$437.50	\$875.00	\$440.00	\$880.00	\$440.00	\$880.00
	e. 10" Diameter Hole	2	EA	\$432.00	\$864.00	\$1,600.00	\$3,200.00	\$635.00	\$1,270.00	\$502.00	\$1,004.00	\$550.00	\$1,100.00	\$472.00	\$944.00
	f. Greater than 10" Hole	2	EA	\$528.00	\$1,056.00	\$1,700.00	\$3,400.00	\$1,325.00	\$2,650.00	\$602.00	\$1,204.00	\$780.00	\$1,560.00	\$505.00	\$1,010.00
35	Control Panel														
	230 Volts/3 Phase														
	a. 2.0 - 5.0 HP Panel	2	EA	\$34,075.00	\$68,150.00	\$33,100.00	\$66,200.00	\$33,600.00	\$67,200.00	\$28,010.00	\$56,020.00	\$33,560.00	\$67,120.00	\$49,735.00	\$99,470.00
	b. 6.0 - 12.0 HP Panel	2	EA	\$34,500.00	\$69,000.00	\$35,000.00	\$70,000.00	\$34,130.00	\$68,260.00	\$28,647.00	\$57,294.00	\$34,100.00	\$68,200.00	\$48,348.00	\$96,696.00
	c. 13.0 - 15.0 HP Panel	2	EA	\$35,600.00	\$71,200.00	\$36,000.00	\$72,000.00	\$36,500.00	\$73,000.00	\$30,735.00	\$61,470.00	\$36,400.00	\$72,800.00	\$51,621.00	\$103,242.00
	d. 16.0 - 20.0 HP Panel	2	EA	\$50,500.00	\$101,000.00	\$58,900.00	\$117,800.00	\$52,300.00	\$104,600.00	\$46,503.00	\$93,006.00	\$52,280.00	\$104,560.00	\$69,827.00	\$139,654.00
	e. 21.0 - 47.0 HP	2	EA	\$62,050.00	\$124,100.00	\$74,600.00	\$149,200.00	\$73,900.00	\$147,800.00	\$59,021.00	\$118,042.00	\$73,800.00	\$147,600.00	\$83,945.00	\$167,890.00
	460 Volts/3 Phase														
	f. 20.0 HP Panel - VFD	2	EA	\$52,575.00	\$105,150.00	\$54,600.00	\$109,200.00	\$55,060.00	\$110,120.00	\$50,000.00	\$100,000.00	\$55,000.00	\$110,000.00	\$72,362.00	\$144,724.00
	g. 21.0 - 30.0 HP Panel - VFD	2	EA	\$57,725.00	\$115,450.00	\$67,000.00	\$134,000.00	\$64,240.00	\$128,480.00	\$55,500.00	\$111,000.00	\$64,180.00	\$128,360.00	\$78,649.00	\$157,298.00
	h. 31.0 - 50.0 HP Panel - VFD	2	EA	\$65,400.00	\$130,800.00	\$76,900.00	\$153,800.00	\$72,300.00	\$144,600.00	\$64,057.00	\$128,114.00	\$72,260.00	\$144,520.00	\$83,609.00	\$167,218.00
	i. 51.0 - 60.0 HP Panel - VFD	2	EA	\$73,000.00	\$146,000.00	\$80,900.00	\$161,800.00	\$81,675.00	\$163,350.00	\$67,610.00	\$135,220.00	\$81,600.00	\$163,200.00	\$91,203.00	\$182,406.00
	j. 61.0 - 88.0 HP Panel - VFD	2	EA	\$86,675.00	\$173,350.00	\$98,000.00	\$196,000.00	\$97,900.00	\$195,800.00	\$82,600.00	\$165,200.00	\$97,800.00	\$195,600.00	\$107,905.00	\$215,810.00
	k. 89.0 - 130.0 HP Panel - VFD	2	EA	\$102,125.00	\$204,250.00	\$101,000.00	\$202,000.00	\$121,740.00	\$243,480.00	\$99,950.00	\$199,900.00	\$121,600.00	\$243,200.00	\$126,780.00	\$253,560.00
	l. 51.0 - 60.0 HP Panel - VFD - Triplex	2	EA	\$98,325.00	\$196,650.00	\$98,000.00	\$196,000.00	\$110,950.00	\$221,900.00	\$99,838.00	\$199,676.00	\$110,860.00	\$221,720.00	\$122,147.00	\$244,294.00
36	New Replacement S.S Pump Guide Rails-2 Inch	200	LF	\$42.00	\$8,400.00	\$45.00	\$9,000.00	\$46.50	\$9,300.00	\$46.75	\$9,350.00	\$130.00	\$26,000.00	\$17.00	\$3,400.00
36A	New Replacement S.S Pump Guide Rails-3 Inch	50	LF	\$78.25	\$3,912.50	\$85.00	\$4,250.00	\$88.50	\$4,425.00	\$87.50	\$4,375.00	\$225.00	\$11,250.00	\$33.00	\$1,650.00
37	Furnish and Install Level Sensors	20	EA	\$4,600.00	\$92,000.00	\$5,300.00	\$106,000.00	\$5,075.00	\$101,500.00	\$5,664.00	\$113,280.00	\$4,930.00	\$98,600.00	\$5,033.00	\$100,660.00

BID COMPARISON DATA				ROWLAND INC.	QRC, INC.	TLC	DIVERSIFIED	RTD CONSTRUCTION	WESTRA	CONSTRUCTION	KIMMINS CONTRACTING				
38	Furnish and Install Pump Discharge Connections														
a.	4"	2	EA	\$1,070.00	\$2,140.00	\$900.00	\$1,800.00	\$1,600.00	\$3,200.00	\$2,416.00	\$4,832.00	\$4,100.00	\$8,200.00	\$1,392.00	\$2,784.00
b.	6"	2	EA	\$1,315.00	\$2,630.00	\$1,400.00	\$2,800.00	\$1,750.00	\$3,500.00	\$2,686.00	\$5,372.00	\$4,400.00	\$8,800.00	\$1,705.00	\$3,410.00
c.	8"	2	EA	\$3,210.00	\$6,420.00	\$3,600.00	\$7,200.00	\$3,875.00	\$7,750.00	\$4,788.00	\$9,576.00	\$6,500.00	\$13,000.00	\$4,146.00	\$8,292.00
d.	10"	2	EA	\$3,610.00	\$7,220.00	\$3,600.00	\$7,200.00	\$4,400.00	\$8,800.00	\$5,525.00	\$11,050.00	\$6,950.00	\$13,900.00	\$4,665.00	\$9,330.00
e.	12"	2	EA	\$6,530.00	\$13,060.00	\$6,700.00	\$13,400.00	\$7,500.00	\$15,000.00	\$8,727.00	\$17,454.00	\$10,200.00	\$20,400.00	\$8,542.00	\$17,084.00
39	Furnish and Install Floats	20	EA	\$321.50	\$6,430.00	\$250.00	\$5,000.00	\$260.00	\$5,200.00	\$1,361.00	\$27,220.00	\$200.00	\$4,000.00	\$65.00	\$1,300.00
40	SCADA/RTU Panel Relocation	4	EA	\$4,800.00	\$19,200.00	\$5,000.00	\$20,000.00	\$1,500.00	\$6,000.00	\$8,047.00	\$32,188.00	\$6,800.00	\$27,200.00	\$6,355.00	\$25,420.00
41	Furnish and Install PVC "P" Trap in Wet Well - 4 inch	10	EA	\$115.00	\$1,150.00	\$400.00	\$4,000.00	\$325.00	\$3,250.00	\$87.10	\$871.00	\$1,000.00	\$10,000.00	\$367.00	\$3,670.00
41A	Furnish and Install PVC Vents in Wet Well	4	EA	\$275.00	\$1,100.00	\$100.00	\$400.00	\$800.00	\$3,200.00	\$194.25	\$777.00	\$1,000.00	\$4,000.00	\$1,058.00	\$4,232.00
41B	Remove PVC "P" Traps in Wet Well and Replace with Flanged All-Rubber Duck Bill Type Check Valve	4	EA	\$765.00	\$3,060.00	\$500.00	\$2,000.00	\$675.00	\$2,700.00	\$936.00	\$3,744.00	\$1,420.00	\$5,680.00	\$1,766.00	\$7,064.00
42	Pump Preventative Maintenance Testing	4	EA	\$1,250.00	\$5,000.00	\$4,000.00	\$16,000.00	\$1,100.00	\$4,400.00	\$2,086.00	\$8,344.00	\$1,280.00	\$5,120.00	\$1,532.00	\$6,128.00
42A	Generator Electrical Work & Startup	2	EA	\$17,850.00	\$35,700.00	\$17,500.00	\$35,000.00	\$14,300.00	\$28,600.00	\$6,921.00	\$13,842.00	\$18,400.00	\$36,800.00	\$20,266.00	\$40,532.00
43	Furnish and Install New Submersible Pumps														
a.	5 HP Pump or less	2	EA	\$5,505.00	\$11,010.00	\$5,050.00	\$10,100.00	\$6,200.00	\$12,400.00	\$7,509.00	\$15,018.00	\$6,270.00	\$12,540.00	\$6,870.00	\$13,740.00
b.	6 HP to 10 HP Pump	2	EA	\$7,640.00	\$15,280.00	\$7,250.00	\$14,500.00	\$8,450.00	\$16,900.00	\$9,869.00	\$19,738.00	\$8,720.00	\$17,440.00	\$9,454.00	\$18,908.00
c.	11 HP to 20 HP Pump	2	EA	\$13,055.00	\$26,110.00	\$12,750.00	\$25,500.00	\$14,150.00	\$28,300.00	\$15,660.00	\$31,320.00	\$14,750.00	\$29,500.00	\$16,297.00	\$32,594.00
d.	21HP to 47 HP Pump	2	EA	\$24,590.00	\$49,180.00	\$24,450.00	\$48,900.00	\$26,350.00	\$52,700.00	\$27,763.00	\$55,526.00	\$32,780.00	\$65,560.00	\$30,336.00	\$60,672.00
e.	48 to 60HP Pump	2	EA	\$29,275.00	\$58,550.00	\$29,200.00	\$58,400.00	\$31,300.00	\$62,600.00	\$33,169.00	\$66,338.00	\$39,570.00	\$79,140.00	\$37,883.00	\$75,766.00
f.	61 HP to 88HP Pump	2	EA	\$40,935.00	\$81,870.00	\$41,050.00	\$82,100.00	\$43,500.00	\$87,000.00	\$45,546.00	\$91,092.00	\$57,520.00	\$115,040.00	\$50,705.00	\$101,410.00
g.	89 HP to 130HP Pump	2	EA	\$49,950.00	\$99,900.00	\$44,000.00	\$88,000.00	\$53,500.00	\$107,000.00	\$55,095.00	\$110,190.00	\$68,970.00	\$137,940.00	\$61,611.00	\$123,222.00
44	Relocate Existing Potable Water Service	4	EA	\$675.00	\$2,700.00	\$1,000.00	\$4,000.00	\$635.00	\$2,540.00	\$1,460.00	\$5,840.00	\$1,950.00	\$7,800.00	\$1,945.00	\$7,780.00
45	Clean and Paint Valve Vault Concrete and Piping	4	EA	\$3,000.00	\$12,000.00	\$3,000.00	\$12,000.00	\$835.00	\$3,340.00	\$3,300.00	\$13,200.00	\$1,100.00	\$4,400.00	\$4,468.00	\$17,872.00
45A	Clean and Paint Existing Wet Well Piping	4	EA	\$3,750.00	\$15,000.00	\$1,000.00	\$4,000.00	\$835.00	\$3,340.00	\$4,125.00	\$16,500.00	\$170.00	\$680.00	\$5,584.00	\$22,336.00
45B	Clean and Wrap Wet Well Piping and Joints														
a.	4'	40	LF	\$55.00	\$2,200.00	\$100.00	\$4,000.00	\$67.00	\$2,680.00	\$64.50	\$2,580.00	\$125.00	\$5,000.00	\$52.00	\$2,080.00
b.	6"	40	LF	\$60.00	\$2,400.00	\$100.00	\$4,000.00	\$70.00	\$2,800.00	\$71.50	\$2,860.00	\$135.00	\$5,400.00	\$60.00	\$2,400.00
c.	8"	40	LF	\$65.00	\$2,600.00	\$100.00	\$4,000.00	\$72.00	\$2,880.00	\$76.50	\$3,060.00	\$140.00	\$5,600.00	\$65.00	\$2,600.00
d.	10"	40	LF	\$75.00	\$3,000.00	\$130.00	\$5,200.00	\$72.00	\$2,880.00	\$84.50	\$3,380.00	\$140.00	\$5,600.00	\$64.00	\$2,560.00
e.	12"	40	LF	\$85.00	\$3,400.00	\$145.00	\$5,800.00	\$90.00	\$3,600.00	\$95.50	\$3,820.00	\$150.00	\$6,000.00	\$77.00	\$3,080.00
46	Clean Existing Wet Well and Dispose of Waste	20	EA	\$2,125.00	\$42,500.00	\$2,500.00	\$50,000.00	\$2,115.00	\$42,300.00	\$2,500.00	\$50,000.00	\$2,030.00	\$40,600.00	\$3,243.00	\$64,860.00
47	Wet Well Fillet Concrete	50	CF	\$25.35	\$1,267.50	\$25.00	\$1,250.00	\$73.00	\$3,650.00	\$42.00	\$2,100.00	\$350.00	\$17,500.00	\$82.00	\$4,100.00
48	Ballast Concrete	24	CY	\$110.00	\$2,640.00	\$100.00	\$2,400.00	\$230.00	\$5,520.00	\$213.00	\$5,112.00	\$310.00	\$7,440.00	\$212.00	\$5,088.00
49	Unspecified Work	75,000	UNIT	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00
50	Maintenance of Traffic	25,000	UNIT	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00

BID COMPARISON DATA				ROWLAND INC.	QRC, INC.	TLC	DIVERSIFIED	RTD CONSTRUCTION	WESTRA CONSTRUCTION	KIMMINS CONTRACTING					
Labor Rates															
51	Foreman	200	HR	\$42.00	\$8,400.00	\$70.00	\$14,000.00	\$71.00	\$14,200.00	\$71.50	\$14,300.00	\$55.00	\$11,000.00	\$59.00	\$11,800.00
52	Skilled	200	HR	\$20.50	\$4,100.00	\$60.00	\$12,000.00	\$39.00	\$7,800.00	\$29.00	\$5,800.00	\$28.00	\$5,600.00	\$27.00	\$5,400.00
53	Welder with Equipment & Materials	6	DAY	\$1,500.00	\$9,000.00	\$800.00	\$4,800.00	\$445.00	\$2,670.00	\$750.00	\$4,500.00	\$650.00	\$3,900.00	\$852.00	\$5,112.00
54	Un-Skilled	200	HR	\$17.50	\$3,500.00	\$30.00	\$6,000.00	\$35.00	\$7,000.00	\$21.00	\$4,200.00	\$26.00	\$5,200.00	\$24.00	\$4,800.00
55	Electrician	200	HR	\$100.00	\$20,000.00	\$80.00	\$16,000.00	\$72.50	\$14,500.00	\$71.50	\$14,300.00	\$72.00	\$14,400.00	\$58.00	\$11,600.00
56	Electrician Helper	200	HR	\$50.00	\$10,000.00	\$60.00	\$12,000.00	\$45.00	\$9,000.00	\$44.00	\$8,800.00	\$45.00	\$9,000.00	\$45.00	\$9,000.00
57	Backhoe Operator	100	HR	\$27.75	\$2,775.00	\$35.00	\$3,500.00	\$39.00	\$3,900.00	\$29.00	\$2,900.00	\$34.00	\$3,400.00	\$32.00	\$3,200.00
58	Dump Truck Driver	100	HR	\$20.00	\$2,000.00	\$35.00	\$3,500.00	\$41.00	\$4,100.00	\$26.00	\$2,600.00	\$30.00	\$3,000.00	\$26.00	\$2,600.00
Equipment Rental															
59	Backhoe (1.0 Cubic Yard Bucket)	20	DAY	\$495.00	\$9,900.00	\$300.00	\$6,000.00	\$355.00	\$7,100.00	\$306.00	\$6,120.00	\$540.00	\$10,800.00	\$870.00	\$17,400.00
60	Dump Truck (5 Cubic Yards)	20	DAY	\$153.00	\$3,060.00	\$200.00	\$4,000.00	\$355.00	\$7,100.00	\$354.00	\$7,080.00	\$290.00	\$5,800.00	\$573.00	\$11,460.00
61	Trencher (40 HP)	8	DAY	\$431.00	\$3,448.00	\$150.00	\$1,200.00	\$235.00	\$1,880.00	\$361.00	\$2,888.00	\$330.00	\$2,640.00	\$143.00	\$1,144.00
62	Generator (10 KW)	6	DAY	\$148.00	\$888.00	\$150.00	\$900.00	\$47.00	\$282.00	\$281.00	\$1,686.00	\$106.00	\$636.00	\$123.00	\$738.00
63	Equipment Truck (1 Ton FB)	6	DAY	\$135.00	\$810.00	\$275.00	\$1,650.00	\$178.00	\$1,068.00	\$742.00	\$4,452.00	\$140.00	\$840.00	\$450.00	\$2,700.00
64	Trash Pump - 3"	6	DAY	\$42.00	\$252.00	\$150.00	\$900.00	\$54.00	\$324.00	\$75.50	\$453.00	\$60.00	\$360.00	\$5.00	\$30.00
65	Diesel Pump - 6"	10	DAY	\$425.00	\$4,250.00	\$250.00	\$2,500.00	\$285.00	\$2,850.00	\$412.00	\$4,120.00	\$425.00	\$4,250.00	\$205.00	\$2,050.00
66	Vacuum Truck 3000gal- Standby	8	HR	\$200.00	\$1,600.00	\$200.00	\$1,600.00	\$185.00	\$1,480.00	\$123.60	\$988.80	\$285.00	\$2,280.00	\$227.00	\$1,816.00
67	Vacuum Truck 3000gal- In Use	8	HR	\$200.00	\$1,600.00	\$250.00	\$2,000.00	\$330.00	\$2,640.00	\$206.00	\$1,648.00	\$350.00	\$2,800.00	\$227.00	\$1,816.00
68	Vacuum Truck 5000gal- Standby	8	HR	\$200.00	\$1,600.00	\$300.00	\$2,400.00	\$200.00	\$1,600.00	\$177.00	\$1,416.00	\$400.00	\$3,200.00	\$259.00	\$2,072.00
69	Vacuum Truck 5000gal- In Use	8	HR	\$200.00	\$1,600.00	\$400.00	\$3,200.00	\$348.00	\$2,784.00	\$294.50	\$2,356.00	\$445.00	\$3,560.00	\$259.00	\$2,072.00
70	Light Tower with Generator	8	Day	\$188.00	\$1,504.00	\$200.00	\$1,600.00	\$55.00	\$440.00	\$100.00	\$800.00	\$140.00	\$1,120.00	\$246.00	\$1,968.00
TOTAL				ROWLAND	\$3,441,066.90	QRC	\$3,637,200.00	TLC	\$3,842,552.00	RTD	\$3,896,032.30	WESTRA	\$4,299,889.80	KIMMINS	\$4,474,164.00