



To:	THE CITY OF PENSACOLA	Contact:	Roger Williams
Address:	2757 North Palafox Street Pensacola, FL	Phone:	(850) 436-5530
		Email:	RWilliams@cityofpensacola.com>
Project Name:	FL - Pensacola - Spring Street Culvert Rehab (R6) Structure+60'	Bid Number:	HGAC: R6 -TP07-18; 201444
Project Location:	N Springs, Pensacola	Bid Date:	9/22/2020

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
1-Base Bid					
001 - P35	Travel And Mobilization - Florida	1.00	EACH	\$15,000.00	\$15,000.00
002- A36	36" Clean And TV Storm Sewer	60.00	LF	\$41.40	\$2,484.00
003 - B1	36" STORM PIPE - QLS REHABILITATION - 1." Thickness	60.00	LF	\$405.00	\$24,300.00
004 - A53	21" - 36" Post TV Inspection After Rehabilitation (*Providing Video Using GoPro)	60.00	LF	\$9.00	\$540.00
005 - G26	Manhole - Structure Rehabilitation - 1-inch Geopolymer Liner (S-7 Conflict MH; 6' Dia. MH - 9.5' Deep) (*Does Not Include Vacuum Testing)	179.00	SF	\$100.00	\$17,900.00
006 - B35	INFILTRATION CONTROL- CHEMICAL GROUT - *will Bill As Needed To Stop Heavy Infiltration	0.00	GAL	\$437.93	\$0.00
Total Price for above 1-Base Bid Items:					\$60,224.00
2-Alternate					
007 - O11	Barricades, Signs, And Traffic Diversion (per Setup, For The Duration Of The Project)	1.00	EACH	\$6,500.00	\$6,500.00
008 - O12	Traffic Control Plan (per Setup) *will Bill As Needed	0.00	EACH	\$450.00	\$0.00
009 - O13	Flagmen (2 Men For 10 Hrs/DY) *will Bill As Needed, Incase If Needed To Maintain Traffic Going In And Out Of Site Surrounding Businesses/Parking Lots	0.00	EADY	\$1,100.00	\$0.00
Total Price for above 2-Alternate Items:					\$6,500.00

Notes:

- Entire length and condition of host pipes is unknown. We were not provided with full length inspection video. Therefore, our liner thickness is based on preliminary analysis and assumptions. We reserve the right to revise our thickness and unit price depending on actual field conditions and or ovality. For bidding purposes, ovality was assumed at 0%.

NOTE: Prevailing wage rates have not been provided to QLS and therefore not included in this bid proposal.

Scope of work performed by QLS:

- Provide pre-work submittal
- Manufacturer Calculation for Fully Deteriorated Pipe Conditions
- Field Material testing (compressive only)
- Mobilize equipment and personnel necessary to complete rehabilitation
- Surface Preparation of pipe to receive geopolymer lining
- Spray application of specified structural GeoKrete liner
- Proposal does NOT include following:
 - Cold weather provisions - required when operating in temperatures 40 degrees F or below (no estimated field execution date provided). If site temperatures drop below 40 degrees we will require tents, heaters etc. If required they will be billed at \$5,000 per week for each week onsite.
 - Prevailing Wage Rates
 - Furnishing bid, performance, or payment bonds
 - Invert Repair
 - Bypass Pumping / damming / Flow Control
 - Base bid does not include Traffic control (QLS requires a 20' x 50' (or 10' x 100') working area at primary manhole and a 10' x 10' working area at the secondary manhole during all Pre-Cleaning & lining operations.)
 - **NOTE:** For this project our Primary set up will be in the intersection of Spring St and Chase. Our secondary setup will require diversion of traffic around the Storm manhole located in the intersection of Spring & Gregory. Maintenance of traffic at these locations will include the required Traffic barrels and signage as well as flaggers for the duration of the project. This proposal assumes equipment can be left on location overnight. QLS estimates that the duration of this traffic control setup will be approximately 2 days for Pre-Cleaning and 25 days for lining operations
 - Please refer Alternate-1 for Traffic control unit pricing. Please note, Item 007 - O11 does not include any allowance related to maintenance of any active traffic to and from site surrounding businesses/parking lots. If needed to be charged based on unit pricing established at Item 009 - O13
 - Heavy infiltration control (see note below) or invert repair
 - Point repairs or pipe jacking
 - Dust/Erosion Control
 - Pressure grouting
 - Well point/dewatering to lower water table
 - Material disposal or obstruction removal
 - Site clearing or excavation
 - Site Restoration
 - Permits, Fees (local, state or Federal)
- **General Notes & Conditions:**
 - Non-weather related delays (may include, but NOT limited to: Owner requested changes; Road closures due to community, city or private events; Utility conflicts or relocations not within our scope, any work stoppages outside the control of QLS) will result in additional fees of \$10,000/day.
 - Stop work due to insufficient bypass/water control will result in additional fees of \$10,000/day
 - Customer/Contractor to provide access for equipment within 50ft of pipe. Site access to be determined by physical inspection
 - Customer/Contractor to provide potable water supply (i.e. hydrant & meter in place) at no cost to QLS project team.
 - Pricing based on one (1) shift (10-12 hours/day; 6 days/week) and does not include working holidays and/or Sundays. If site hours are restricted to less than 10 hours a day, we reserve the right to adjust our unit rates accordingly.
 - Quantities and Infrastructure specific details relative to design inputs and installed material thickness are subject to change following field verification.
 - Heavy infiltration means infiltration that meets the definition of a runner or gusher, as defined by NASSCO's Pipeline Assessment Certification Program. Runner - water running into the sewer through a faulty joint or pipe wall. A continuous flow will be visible. Gusher - water entering the pipe under pressure through a defect or faulty joint.
 - QLS advises a minimum 30 day cure time of liner prior to any overhead or lateral construction (i.e. excessive vibrations, pile driving, etc.)
 - QLS is not responsible for any damage to the Quadex liner from overhead or lateral construction (i.e. excessive vibrations, pile driving, etc.)
 - When installing Geokrete on top of newly poured concrete, we recommend allowing at least 28 days of curing time before installing our Geokrete product to ensure the substrate has cured sufficiently.
 - Bid Proposal is good for 60 Days
 - QLS advises a minimum 30 day cure time of liner prior to any overhead or lateral construction (i.e. excessive vibrations, pile driving, etc.)
 - Based on the video's provided by the owner/engineer our proposal includes cost associated with dewatering of water flow up to 1.5. Any efforts to manage/handle/bypass beyond these limits will be charged separately on as needed basis.
 - Based on the video's provided by the owner/engineer our proposal includes cost associated with cleaning storm pipe segments with silt not more than 1.5. Any efforts to clean/remove silt beyond these limits will be charged at \$235.00/Hr. Downtime for CCTV Crew associated with this heavy cleaning will be charged at \$215.00/Hr.

Payment Terms:

- Invoices must be paid 30 days from receipt. Unpaid invoices may be charged with a 6% interest fee.
- If this project is tax exempt, please include certificate with notification of award.

- Our Bid Proposal is valid for 60 days from the bid date.
- This is a unit priced contract and the actual billing will be based on installed quantities. If the installed quantities vary greater than 10% of the bid quantities, QLS reserves the right to adjust our unit price accordingly.
- Our proposal includes mobilization fee. If the Owner choose to allocate/release this project work along with "FL - Pensacola - Joe Pattis Parking Lot Culvert Rehab) IPRIME+; Estimate NO: 203953", then QLS will charge just 1-moblization fee (Higher of the two) for both the projects

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer: _____

Signature: _____

Date of Acceptance: _____

CONFIRMED:

QLS

Authorized Signature: _____

Estimator: Bhaumi Chaurasia
(740) 707-1991 bchaurasia@vortexcompanies.com



To:	THE CITY OF PENSACOLA	Contact:	Brad Hinote
Address:	2757 North Palafox Street Pensacola, FL	Phone:	(850) 436-5530
		Email:	bradhinote@cityofpensacola.com
Project Name:	FL - Pensacola - Rehab - QLS (Wright To Gregory) - P7	Bid Number:	HGAC: R6 -TP07-18; 205451 - P7
Project Location:	Cypress Street, Pensacola	Bid Date:	12/28/2020

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
002- A36	36" Clean And TV Storm Sewer	405.00	LF	\$28.00	\$11,340.00
003 - B1	36" STORM PIPE - QLS REHABILITATION - 1."	405.00	LF	\$310.00	\$125,550.00
	Thickness				
004 - A53	21" - 36" Post TV Inspection After Rehabilitation (*Providing Video Using GoPro)	405.00	LF	\$0.00	\$0.00
005 - G26	Manhole - Structure Rehabilitation - 1-inch Geopolymer Liner (US MH - 45" X 32" X 6' 3" Deep & DS MH 73" X 48" X 10)	322.27	SF	\$55.00	\$17,724.85
006 - G27	Manhole - Structure Rehabilitation - 1/2-inch Geopolymer Liner	322.27	SF	\$20.00	\$6,445.40
007 - B35	INFILTRATION CONTROL- CHEMICAL GROUT - *will Bill As Needed To Stop Heavy Infiltration	0.00	GAL	\$100.00	\$0.00
008 - O11	Barricades, Signs, And Traffic Diversion (per Setup, For The Duration Of The Project)	1.00	EACH	\$3,500.00	\$3,500.00
009 - O12	Traffic Control Plan (per Setup) *will Bill As Needed	0.00	EACH	\$2,500.00	\$0.00
010 - O13	Flagmen (per Flagger, Per Hour) *will Bill As Needed	0.00	HR	\$40.00	\$0.00

Total Bid Price: \$164,560.25

Notes:

- Entire condition of host structure is unknown. We were not provided with inspection video/reports. Therefore, our liner thickness is based on preliminary analysis and assumptions. We reserve the right to revise our thickness and unit price depending on actual field conditions. For bidding purposes, ovality was assumed at 0% for pipe structures.

NOTE: Prevailing wage rates have not been provided to QLS and therefore not included in this bid proposal.

Scope of work performed by QLS:

- Provide pre-work submittal
- Field Material testing (compressive only)
- Mobilize equipment and personnel necessary to complete rehabilitation
- Surface Preparation of pipe to receive geopolymer lining
- Pressure grouting (To Be Billed as Needed)

Proposal does NOT include by QLS:

- Cold weather provisions - required when operating in temperatures 40 degrees F or below (no estimated field execution date provided). If site temperatures drop below 40 degrees, we will require tents, heaters etc. If required, they will be billed at \$5,000 per week for each week onsite.
 - Prevailing Wage Rates
 - Furnishing bid, performance, or payment bonds
 - Invert Repair
 - Bypass Pumping / damming / Flow Control
 - QLS requires a 20' x 50' (or 10' x 100') working area at primary manhole and a 10' x 10' working area at the secondary manhole during all Pre-Cleaning & lining operations.)
 - Please refer Traffic control unit pricing. Please note, Item 008 does not include any allowance related to maintenance of any active traffic to and from site surrounding businesses/parking lots. If needed to be charged based on unit pricing established at Item 008 - 010
 - Design
 - Heavy infiltration control (see note below) or invert repair
 - Point repairs or pipe jacking
 - Dust/Erosion Control
 - Well point/dewatering to lower water table
 - Material disposal or obstruction removal
 - Site clearing or excavation
 - Site Restoration
 - Permits, Fees (local, state or Federal)
- **General Notes & Conditions:**
 - Non-weather related delays (may include, but NOT limited to: Owner requested changes; Road closures due to community, city or private events; Utility conflicts or relocations not within our scope, any work stoppages outside the control of QLS) will result in additional fees of \$10,000/day.
 - Stop work due to insufficient bypass/water control will result in additional fees of \$10,000/day
 - Customer/Contractor to provide access for equipment within 50ft of pipe. Site access to be determined by physical inspection
 - Customer/Contractor to provide potable water supply (i.e. hydrant & meter in place) at no cost to QLS project team.
 - Pricing based on one (1) shift (10-12 hours/day; 6 days/week) and does not include working holidays and/or Sundays. If site hours are restricted to less than 10 hours a day, we reserve the right to adjust our unit rates accordingly.
 - Quantities and Infrastructure specific details relative to design inputs and installed material thickness are subject to change following field verification.
 - Heavy infiltration means infiltration that meets the definition of a runner or gusher, as defined by NASSCO's Pipeline Assessment Certification Program. Runner - water running into the sewer through a faulty joint or pipe wall. A continuous flow will be visible. Gusher - water entering the pipe under pressure through a defect or faulty joint.
 - QLS advises a minimum 30 day cure time of liner prior to any overhead or lateral construction (i.e. excessive vibrations, pile driving, etc.)
 - QLS is not responsible for any damage to the Quadex liner from overhead or lateral construction (i.e. excessive vibrations, pile driving, etc.)
 - When installing Geokrete on top of newly poured concrete, we recommend allowing at least 28 days of curing time before installing our Geokrete product to ensure the substrate has cured sufficiently.
 - Bid Proposal is good for 60 Days
 - QLS advises a minimum 30 day cure time of liner prior to any overhead or lateral construction (i.e. excessive vibrations, pile driving, etc.)
 - Our proposal includes standard dewatering for 2" of flow or less. Any additional dewatering / bypass / or flow control beyond these efforts or greater than 200 GPM will be charged separately on as needed basis.

Payment Terms:

- Invoices must be paid 30 days from receipt. Unpaid invoices may be charged with a 6% interest fee.
 - If this project is tax exempt, please include certificate with notification of award.
- Our Bid Proposal is valid for 60 days from the bid date.
 - This is a unit priced contract and the actual billing will be based on installed quantities. If the installed quantities vary greater than 10% of the bid quantities, QLS reserves the right to adjust our unit price accordingly.
 - Our mobilization unit price includes timing this project up with another local project in order to create a full weeks schedule. If the Owner / Contractor is not flexible in with the install schedule and needs us to mobilize sooner, Vortex reserves the right to add our mobilization unit rate accordingly.

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer: _____

Signature: _____

Date of Acceptance: _____

CONFIRMED:**QLS**

Authorized Signature: _____

Estimator: Bhaumi Chaurasia
(740) 707-1991 bchaurasia@vortexcompanies.com