



Board of County Commissioners  
**Request for Quotation**

THIS IS NOT AN ORDER

Date: 09/23/09

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**RFQ#2009000341**

Charlotte County Purchasing Department  
18500 Murdock Circle, Room 344  
Port Charlotte, Florida 33948-1094

Contact Person: Kathleen M. Lindback, CPPB  
Contract Specialist

Contact Phone: 941.743.1376

FAX: 941.743.1384

Reply No Later Than: October 7, 2009 @ 3:00 p.m. EST

**Scope of Services**

**NOTICE OF AVAILABILITY OF QUOTE SPECIFICATIONS**

**WET WELL LINING – LIFT STATION #855 & DISCHARGE MANHOLE**

It is the intent of Charlotte County to secure the services to repair the Lift Station #855 wet well and line/coat the wet well (sides, bottom and top) and discharge manhole so that there is no infiltration or exfiltration. Lift Station #855 is located at 160 Tournament Rd. Pine Valley sub division in Rotonda, Florida and the receiving manhole is located in the center of the road at 176 Tournament Road, Pine Valley sub division, Rotonda, Florida. Estimated Budget: \$22,000

**PRE-QUOTE CONFERENCE: 9:00 a.m. EST, September 30, 2009  
PURCHASING DEPARTMENT CONFERENCE ROOM**

**QUOTE DUE: 3:00 p.m. EST, October 7, 2009  
CHARLOTTE COUNTY PURCHASING DEPARTMENT**

A more detailed project description may be obtained by accessing the Charlotte County Purchasing Department's website at [www.charlottecountyfl.com/purchasing](http://www.charlottecountyfl.com/purchasing) under "Purchasing Bids Online", document number 093412. Any questions can be answered by contacting Kathleen M. Lindback, CPPB, Contract Specialist at 941.743.1376.

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# Board of County Commissioners Request for Quotation

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Reply No Later Than: October 7, 2009 @ 3:00 p.m. (EST)

## Scope of Services

### WET WELL LINING – LIFT STATION #855 & DISCHARGE MANHOLE

**PURPOSE:** It is the intent of Charlotte County to secure the services to repair the Lift Station #855 wet well and line/coat the wet well (sides, bottom and top) and discharge manhole so that there is no infiltration or exfiltration. Lift Station #855 is located at 160 Tournament Rd. Pine Valley sub division in Rotonda, Florida and the receiving manhole is located in the center of the road at 176 Tournament Road, Pine Valley sub division, Rotonda Florida.

**QUOTE PRICES:** Completion time shall be expressed by the established service time. The price quoted shall include Contractor's cost in full for all transportation, labor, materials and equipment used in performing the services herein.

**PRE-QUOTE CONFERENCE:** A pre-quote conference will be held on September 30, 2009, 9:00 a.m.(EST) to answer questions and discuss the requirements of the County, in the Charlotte County Purchasing Division Conference Room, 18500 Murdock Circle, Room 344, Port Charlotte, Florida. Attendance of this meeting is not mandatory; however, interested quoters are encouraged to attend.

**EXAMINATION OF DOCUMENTS / SITE:** Prior to the submission of a Quote Form, Quoter shall examine the documents, visit the site of the work, and fully inform themselves as to all existing conditions and limitations that affect the work to be performed under this contract. Failure to familiarize himself/herself with conditions will in no way relieve the successful quoter from the necessity of furnishing any materials or performing any work that may be required.

**NOTICE TO PROCEED:** A Notice to Proceed, or Purchase Order, shall be issued bearing the agreed-upon commencement date. No work under the Contract shall begin until after the Notice to Proceed/Purchase Order has been issued.

**RESERVED RIGHTS:** The County reserves the right to accept or reject any and/or all quotes, to waive irregularities and technicalities, and to request resubmission of quotes. Also, the County reserves the right to accept all or any part of the quote and to increase or decrease quantities to meet additional or reduced requirements of the County. Any sole response received the first submission date may be rejected by the County depending on available competition and timely needs of the County.

**FORM OF CONTRACT:** The submitted Quote Form signed by the Quoter, together with the complete quote package furnished by the County, shall constitute a binding contract. The Quoter shall be required to perform according to the Quoter's submitted Quote Form and the County's quote package.

**CANCELLATION:** The County shall have the right to unilaterally cancel, terminate or suspend this Contract, in whole or in part, by providing the Contractor thirty (30) days written notice by certified mail.

**EQUAL EMPLOYMENT OPPORTUNITY:** Charlotte County, Florida, in accordance with the provisions of Title VI of The Civil Rights Act of 1964 (78 Stat. 252) and the Regulations of the Department of Commerce (15 CFR, Part 8) issued pursuant to such Act, hereby notifies all quoters that it will affirmatively ensure that in any contract entered into pursuant to

this advertisement, minority business enterprises will be afforded full opportunity to submit quotes in response to this advertisement and will not be discriminated against on the grounds of race, color or national origin in consideration for an award.

All quoters are hereby notified that the successful quoter (Contractor) must and shall comply with the Civil Rights Act of 1964, the Age Discrimination in Employment Act, the Rehabilitation Act of 1973, the Americans with Disabilities Act and the Florida Civil Rights Act, all as amended. Specifically, Contractor agrees that:

- No person shall, on the grounds of race, color, sex, religion, age, disability, national origin or marital status, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program, activity or service funded through this Contract.
- Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age, disability, national origin or marital status. Contractor agrees to post in a conspicuous place, available to employees and applicants for employment, notices setting forth the provisions of this non-discrimination clause.
- Contractor will, in all solicitations or advertisements regarding program activities, services provided or applications for employment, state that all qualified applicants will receive consideration for services or employment without regard to race, color, religion, sex, age, disability, national origin or marital status.
- County may require Contractor to submit reports as may be necessary to indicate non-discrimination. County officials will be permitted access to Contractor's books, records, accounts and other sources of information and its facilities as may be pertinent to ascertain compliance with non-discrimination laws.

It is expressly understood that County shall have the right to terminate this Contract upon receipt of evidence of discrimination.

#### **SCOPE OF SERVICES:**

A. GENERAL: The work to be performed under this Contract shall consist of furnishing all tools, equipment, materials, supplies, labor and services to complete the work. Labor, work, materials, and services not expressly shown or called for in the Contract Documents which may be necessary for the complete and proper construction of the work shall in good faith be performed, furnished, and installed by the Contractor as though originally so specified or shown, at no increase in cost to the County.

The intent of this project is to repair Lift Station #855 well and discharge manhole, line/coat the wet well and discharge manhole (sides, bottom and top) so that there is no infiltration or exfiltration. The liner/coating shall be either polymorphic resin, calcium aluminate mortar or epoxy. When work on the lift station is complete, the site shall be restored to its original condition.

The Contractor shall perform all work required in accordance with the Contract Documents and subject to the terms and conditions of the Contract, complete and ready to use. The Contractor shall be responsible for restoring the site to its original condition and for removing and properly disposing of all rubbish created by Contractor.

B. MATERIALS: All materials, products, or devices incorporated in this project shall be new and unused, unless indicated otherwise in the Contract Documents and shall be the products of reliable manufacturers which are, unless otherwise specified, regularly engaged in the manufacture of such material or devices.

#### **CONDITIONS OF WORK:**

A. Prior to submitting a quote form, each Contractor shall thoroughly examine the site and all conditions thereon, fully informing themselves as to all existing conditions and imitations that affect the work to be performed under this contract. All quote forms shall be presumed to include all such existing conditions as may affect any work to be done on this project. Failure to familiarize himself with such conditions will in no way relieve the successful quoter from the necessity of furnishing any materials or performing any work that may be required to complete the work.

B. The Contractor shall confine his work activities to be within the boundaries of the site.

C. There is water available at LS # 855 site only. No water available at discharge manhole.

D. The size of the wet well that is to be repaired and lined is six feet (6') in diameter x seventeen feet nine inches (17' 9") deep. The discharge manhole is four feet (4') in diameter x forty five inches (45") deep.

E. Time is of the essence. All work must be completed and exfiltration tested within a five (5) calendar day period (i.e.

the Contract Time) and such period shall be Monday through Friday.

F. Contractor shall give Charlotte County Utilites (CCU) a minimum of five (5) days prior notice prior to commencing any work at the site.

G. CCU will remove the pumps from the wet well but not the pump bases, guide rails, guide rail brackets, float hanger, discharge lines or by-pass suction line. Contractor shall coat over the bottom of the pump bases but the remaining base, bolts, and items previously mentioned must be protected and restored to pre-existing conditions.

H. Contractor shall coat over the bottom of the pump bases but the remaining base and bolts must be protected and restored to pre-existing conditions.

I. Contractor shall be responsible for maintaining flow at LS# 855 and discharge manhole.

J. Contractor shall be responsible for cleaning and removing excess wastewater from LS# 855 wet well and discharge manhole before and after isolating them for repair and lining.

**PAYMENT:** Payment shall be on a lump sum basis after all work has been completed to the satisfaction of the County including the completion of all cleanup and any required site restoration.

**TEMPORARY UTILITIES:** The Contractor shall provide for utilities and services for his own operations. These shall include electrical power, water, ventilation, sanitary facilities and telephone service. The Contractor shall furnish, install and maintain all temporary utilities during the contract period including removal upon completion of the work. Such facilities shall comply with regulations and requirements of the National Electrical Code, OSHA, Florida Power and Light, and applicable Federal, State, and Local code, laws and regulations.

A. Temporary Water - Water required for construction shall be supplied by Contractor. CCU will provide water for the exfiltration test. Contractor shall give CCU 72 hours notice prior to the exfiltration test.

B. Temporary Ventilation - The Contractor shall provide and maintain adequate ventilation for a safe working environment. In addition, forced air ventilation shall be provided for the curing of installed materials, humidity control, and the prevention of hazardous accumulations of dust, gases, or vapors.

C. Temporary Sanitary Facilities - The Contractor shall provide and maintain adequate and clean sanitary facilities for the construction work force and visitors. The facilities shall comply with Local codes and regulations and be situated at approved locations.

**TEMPORARY ENVIRONMENTAL CONTROLS:**

A. Chemicals: All chemicals used during project construction or furnished for testing of project operations, whether herbicide, pesticide, disinfectant, polymer, reactant of other classifications, will be required to show approval of either EPA or HUD. The handling, use, storage and disposal of such materials, containers or residues shall be in strict conformance with manufacturer and/or supplier's secured storage. Copies of antidotes shall be kept at the storage site and at the job site. The Contractor shall be responsible for any leaked chemical that has permeated into the soil. Costs incurred for cleanup of any such contamination shall be borne by the Contractor.

B. Dust: During all work for this Contract, the Contractor shall, by the application of water and/or calcium chloride or other means acceptable to the County, eliminate dust annoyance to adjacent property owners and business establishments. The Contractor shall take all protective measures, to the satisfaction of the County, necessary to ensure that dust and debris does not enter any of the mechanical or electrical equipment. The Contractor shall be responsible for the cleanup of existing buildings and property which have become soiled due to the lack of proper dust control as determined by the County.

C. Rubbish Control: During the progress of the work, the Contractor shall keep the site of the work and other areas used in a neat and clean condition and free from any accumulation of rubbish. The Contractor shall dispose of all rubbish and waste materials of any nature occurring at the work site, and shall establish regular intervals of collection and disposal of such materials and waste. The Contractor shall also keep his haul roads free from dirt, rubbish, and unnecessary obstructions resulting from his operations. Disposal of all rubbish and surplus materials shall be off the site of construction in accordance with Local codes and ordinances governing locations and methods of disposal, in conformance with all

applicable safety laws, and to the particular requirements of Part 1926 of the OSHA Safety and Health Standards for Construction.

D. Toilet Facilities: Portable chemical toilets shall be provided by the Contractor wherever needed for the use of employees. Toilets at construction job sites shall conform to the requirements of Part 1926 of the OSHA Standards for Construction.

Such facilities shall be made available when the first employees arrive at the work, shall be properly secluded from public observation, and shall be constructed and maintained in suitable numbers at such points and in such manner as may be required.

The Contractor shall maintain the sanitary facilities in a satisfactory and sanitary condition at all times and shall enforce their use. He shall rigorously prohibit the committing of nuisances on the site of the work, on the lands of the County, or an adjacent property.

The County and the County shall have the right to review any building or other facility erected, maintained, or used by the Contractor, to determine whether or not the sanitary regulations have been complied.

E. Sanitary and Other Organic Wastes: The Contractor shall establish a regular daily collection of all sanitary and organic wastes. All wastes and refuse from sanitary facilities provided by the Contractor or organic material wastes from any other source related to the Contractor's operations shall be disposed away from the site in a manner satisfactory to the County and in accordance with all laws and regulations pertaining thereto.

F. Noise: Noise resulting from the Contractor's work shall not violate the local noise ordinances or exceed the noise levels and other requirements relating to noise abatement. The Contractor shall be responsible for curtailing noise resulting from his operation. He shall, upon written notification from the County or the noise control officers, make any repairs, replacements, adjustments, additions, and furnish mufflers when necessary to fulfill requirements.

G. Water Pollution: LS# 855 and the discharge manhole site is in very close proximity to a drainage swale and it shall be the responsibility of the Contractor to take all precautions necessary to prevent any contamination to any down stream lakes, ponds, canals or waterways.

H. Precautions During Adverse Weather: During adverse weather, and against the possibility thereof, the Contractor shall take all necessary precautions so that the work may be properly done and satisfactory in all respects. When required, protection shall be provided by use of tarpaulins, wood and building paper, shelters, or other acceptable means. The Contractor shall be responsible for all changes caused by adverse weather.

I. Hurricane and Storm Warnings: The Contractor shall be required to remove from and/or secure all loose construction materials and equipment and protect structures under construction at the job site in the event of a hurricane watch. The Contractor shall also remove all bulkheads and plugs in pipelines that would impede drainage in case of flooding. Structures that may be in danger of flotation shall be flooded.

J. Periodic Cleanup: Basic Site Restoration: During construction, the Contractor shall regularly remove from the site all accumulated debris and surplus materials of any kind that result from his operations. Unused equipment and tools shall be stored at the Contractor's yard or base of operations for the project.

The Contractor shall perform cleanup work on a regular basis. Basic site restoration shall be accomplished immediately following the completion of the required work. All existing grassed areas, if disturbed, shall be re-sodded with sod comparable to that which was pre-existing.

Upon failure of the Contractor to perform restoration of the site to CCU's satisfaction, the County may, upon five (5) days prior written notice to the Contractor, employ such labor and equipment as it deems necessary for the purpose, and all costs resulting there from shall be charged to the Contractor and deducted from the amounts of money that may be due him.

#### **REPAIRS AND COATING/LINING OF WET WELL (POLYMORPHIC RESIN):**

##### **A. GENERAL**

##### **1. WORK INCLUDES:**

- a. Furnishing materials and equipment for complete wet well liner and rehabilitation of the concrete wet well and discharge manhole by approved methods specified herein.
- b. Stopping infiltration of groundwater and exfiltration of wastewater from the wet well and discharge manhole.
- c. Controlling and maintaining wastewater flow around the work area.
- d. All work shall comply with these Specifications and the specified product manufacturer's recommendations.

2. **QUALITY ASSURANCE:** Wet well and discharge manhole liner design requirements - Rehabilitation of existing wet well and discharge manhole liner with the installation of Polymorphic Resin liner systems shall be designed to meet the following design criteria:

- a. The wet well and discharge manhole liner shall have a smooth "brushed finish" interior surface.
- b. The liner system shall prevent any infiltration of groundwater or exfiltration of wastewater.
- c. The completed rehabilitation of the wet well and discharge manhole liner shall stop hydrogen sulfide gas deterioration of the existing wet well and discharge manhole and provide a permanent jointless corrosion barrier from the underside of the wet well and discharge manhole lid to the wet well and discharge manhole bottom. The completed liner shall be resistant to sulfuric acid attack resulting from hydrogen sulfide oxidation.

3. **SUBMITTALS:** The Contractor shall submit data sheets of the proposed materials for approval with manufacturer's descriptive literature and other necessary information to CCU.

4. **JOB CONDITIONS:**

- a. **Existing Conditions:** By accepting this contract, Contractor confirms that he has examined Lift Station #855 and discharge manhole that is to be rehabilitated and has taken into account all required repairs, including repairs to stop all infiltration or exfiltration. Contractor shall advise the County of the proposed rehabilitation method before making any repairs. Do not begin surface preparation or application until all repairs have been completed.
- b. The work may require working in confined spaces. The Contractor shall carry out his operations in accordance with all applicable OSHA regulations, including confined space entry requirements, as well as local, County, and state requirements, and in accordance with the approved MOT plan (if required). In addition, the Contractor shall protect the public from harm while performing the work by using barricades, warning lights and other means as necessary.
- c. There is infiltration present. The Contractor shall eliminate the infiltration using chemical pressure grout as specified herein.

5. **WARRANTY:**

- a. The Contractor shall provide a written, unconditional, one-year, non-prorated warranty of the completed wet well and discharge manhole liner. The warranty shall cover all labor and material for correcting defects in the liner system, including infiltration, surface cracking, leaking, seepage, pin holes, delamination of liner, and deterioration of the wet well liner caused by exposure to hydrogen sulfide gas (H<sub>2</sub>S).
- b. Any observed leakage that occurs during the warranty period shall be stopped by the use of the liner material manufacturers approved repair method. The repair shall be performed by the Contractor at his expense. A new warranty period on the repaired wet well liner shall begin on the date of the repair.

6. **REFERENCES:**

- a. The Contractor installing the wet well and discharge manhole liner shall be factory trained and approved in the application of the specified products and employs persons trained in the application of the specified product.
- b. Contractor must have a minimum of five (5) years experience rehabilitating sanitary system manholes or wastewater lift station wet wells.

B. **PRODUCTS:**

1. Integrated Environmental Technology (IET) SYSTEM 3 POLYMORPHIC RESIN LINING (OR APPROVED EQUAL POLYMORPHIC RESIN LINER).

- a. The IET System 3 Polymorphic Resin is manufactured by Integrated Environmental Technologies (IET).
- b. Prime Coat: DS-101 (supplied by IET).
- c. Intermediate Coat: DS-301 (supplied by IET).
- d. Final Coat: DS-401 (supplied by IET).
- e. Cracks & Spalls: DS-201 Crack and Spall Repair Grout.

2. CHEMICAL PRESSURE GROUT FOR WET WELL AND DISCHARGE MANHOLE LINER SEALING: All areas where there are cracks and/or indications of infiltration shall be repaired using a chemical pressure grout formulated to stop infiltration. The manufacturer(s) for pressure acrylic base gel sealing grout (i.e. chemical pressure grout) shall be Avanti, DeNeef or approved equal.

C. EXECUTION:

1. DELIVERY OF MATERIALS TO SITE: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer. Store materials in accordance with manufacturer's instructions. Keep containers sealed until ready for use. Store materials in a cool dry environment. Protect materials during handling and application to prevent damages.

2. WET WELL AND DISCHARGE MANHOLE SEALING WITH CHEMICAL PRESSURE GROUT: After surface preparation is complete, a chemical pressure grout shall be used to stop infiltration flows in accordance with the manufacturer's recommendations. Chemical pressure grout shall be applied by drilling through wet well and discharge manhole walls and/or floor and injecting chemical pressure grout into the material outside the wet well.

3. PREPARATION OF WET WELL AND DISCHARGE MANHOLE FOR LINING:

- a. The wet well and discharge manhole shall be pressure blasted to remove all dirt, grease, sand and surface contaminants on the walls and bench leaving a clean, wet or dry surface. Condition of the wet well and discharge manhole may require the use of a 10% solution of muriatic acid over all surfaces or the use of a detergent. If an acid or detergent solution is used, the surface shall be thoroughly rinsed and neutralized prior to the installation of the liner system.
- b. Prior to application of the liner system, all visible infiltration through the wet well and discharge manhole shall be stopped.
- c. All large voids shall be patched prior to lining application.
- d. Remove all loose grout and rubble in the existing wet well and discharge manhole floor area. Rebuild or remove portions of the fillets, if required, by reshaping in such a manner as to prevent the deposition of solids. All visible leaks shall be lugged with an approved waterstop.

4. APPLICATION OF POLYMORPHIC RESIN LINING:

- a. Apply liner material in accordance with the manufacturer's instruction. Do not apply materials if the ambient temperature is below 40° F. All material shall be mixed in accordance with manufacturer's instructions. The liner shall be spray applied using approved equipment designed and manufactured for the specific application. The liner shall be sprayed in one (1) or more passes from bottom of wall to the bottom of frame to form a structurally enhanced monolithic liner.
- b. The material shall be cured in strict accordance with the manufacturer's instructions.

5. FIELD QUALITY CONTROL:

- a. The thickness of the applied material shall be;

- |    |                    |                         |
|----|--------------------|-------------------------|
| 1) | Prime Coat:        | DS-101/ 5-10 mils thick |
| 2) | Intermediate Coat: | DS-301/ 20 mils thick   |
| 3) | Finish Coat:       | DS-401/ 5 mils thick    |

b. Exfiltration Test: The lift station wet well and discharge manhole shall be tested by exfiltration. The test can be performed before or after coating at the discretion of the Contractor. The test shall consist of plugging all inlets and outlets and filling the wet well and discharge manhole with water to the rim of the structure for 24 hours prior to the test. The water level is returned to the rim of the wet well and discharge manhole and the test shall be conducted for two (2) hours with no loss of water allowed.

## **REPAIRS AND COATING/LINING OF WET WELL AND DISCHARGE MANHOLE (CALCIUM ALUMINATE):**

### **A. GENERAL:**

#### **1. WORK INCLUDES:**

- a. Furnishing materials and equipment for complete wet well and discharge manhole liner and rehabilitation of the concrete wet well and discharge manhole by approved methods specified herein.
- c. Stopping infiltration of groundwater and exfiltration of wastewater from the wet well and discharge manhole.
- d. Controlling and maintaining wastewater flow around the work area.
- e. All work shall comply with these Specifications and the specified product manufacturer's recommendations.

2. **QUALITY ASSURANCE:** Wet well and discharge manhole liner design requirements: Rehabilitation of existing wet well and discharge manhole with the installation of calcium aluminate systems shall be designed to meet the following design criteria:

- a. The wet well liner and discharge manhole shall have a smooth "brushed finish" interior surface.
- b. The liner system shall prevent any infiltration of groundwater or exfiltration of wastewater.
- c. The completed rehabilitation of the wet well and discharge manhole shall stop hydrogen sulfide gas deterioration of the existing wet well and provide a permanent jointless corrosion barrier from the underside of the wet well and discharge manhole lid to the wet well bottom. The completed liner shall be resistant to sulfuric acid attack resulting from hydrogen sulfide oxidation.

3. **SUBMITTALS:** The Contractor shall submit shop drawings of the proposed construction and materials for approval, manufacturer's descriptive literature and other necessary information to CCU.

#### **4. JOB CONDITIONS:**

- a. **Existing Conditions:** By accepting this contract, Contractor confirms that he has examined Lift Station #855 and the discharge manhole that is to be rehabilitated and has taken into account all required repairs, including repairs to stop an infiltration or exfiltration, that may be required. Contractor shall advise the County of the proposed rehabilitation method before making any repairs. Do not begin surface preparation or application until all repairs have been completed.
- b. The work may require working in confined spaces. The Contractor shall carry out his operations in accordance with all applicable OSHA regulations, including confined space entry requirements, as well as local, County, and state requirements, and in accordance with the approved MOT plan (if required). In addition, the Contractor shall protect the public from harm while performing the work by using barricades, warning lights and other means as necessary.
- c. There is infiltration. The Contractor shall eliminate the infiltration using chemical pressure grout as specified herein

#### **5. WARRANTY:**

a. The Contractor shall provide a written, unconditional, one-year, non-prorated warranty of the completed wet well and discharge manhole liner. The warranty shall cover all labor and material for correcting defects in the liner system, including infiltration, surface cracking, leaking, seepage, pin holes, delamination of liner, and deterioration of the wet well liner or liner caused by exposure to hydrogen sulfide gas (H<sub>2</sub>S).

b. Any observed leakage that occurs during the warranty period shall be stopped by the use of the liner material manufacturers approved repair method. The repair shall be performed by the Contractor at his expense. A new warranty period on the repaired wet well and discharge manhole liner shall begin on the date of the repair.

6. REFERENCES: The Contractor installing the wet well and discharge manhole liner shall be fully qualified, have a minimum of five (5) years experience and be equipped to complete this work expeditiously and in a satisfactory manner. The Contractor shall submit the following information to the County for review and approval:

a. The number of years of experience in performing this type of specialized work.

b. Name of the liner system manufacturer and supplier for this work and previous work listed below. The Contractor shall be an approved installer of the manufacturer or supplier.

c. A list of municipal clients for which the Contractor has performed this type of work.

1) The list shall contain names and telephone numbers of persons who can be called to verify previous satisfactory performance.

2) Installation dates and a description of the actual work performed.

B. PRODUCTS:

1. PURE-FUSED CALCIUM ALUMINATE MORTAR LINING :

a. A pure-fused calcium aluminate mortar with pure-fused calcium aluminate aggregate shall be used (SewperCoat as manufactured by Lafarge Calcium Aluminates, Inc. or an approved equal calcium aluminate liner). The material shall be spray applied in accordance with the manufacturer's specifications.

b. The material shall be prepackaged from the manufacturer so as not to require field mixing of mortar aggregate to obtain recommended composition.

c. The material shall form a mechanical and chemical bond to the wet well liner surface with < 0.08% shrinkage (ASTM C596) in 28 days. The material shall have a minimum twenty-eight (28)-day compressive strength of 9,000-psi.

d. The material shall be suitable for use in a severe hydrogen sulfide (H<sub>2</sub>S) environment.

e. Contractor shall provide documentation that the material has a minimum 10-year history in the reconstruction of sanitary sewer structures and is supplied by an ISO9002 certified supplier. Manufacturer's current ISO 9002 certificate shall also be submitted to the County.

2. CHEMICAL PRESSURE GROUT FOR WET WELL AND DISCHARGE MANHOLE LINER SEALING: All areas where there are cracks and/or indications of infiltration shall be repaired using a chemical pressure grout formulated to stop infiltration. The manufacturer(s) for pressure acrylimide base gel sealing grout (i.e. chemical pressure grout) shall be Avanti, DeNeef or approved equal.

C. EXECUTION:

1. DELIVERY OF MATERIALS TO SITE: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer. Store materials in accordance with materials during handling and application to prevent damage.

2. WET WELL SEALING WITH CHEMICAL PRESSURE GROUT: After surface preparation is complete, a chemical pressure grout shall be used to stop infiltration flows in accordance with the manufacturer's recommendations.

Chemical pressure grout shall be applied by drilling through wet well walls and discharge manhole and/or floor and injecting chemical pressure grout into the material outside the wet well and discharge manhole.

### 3. PREPARATION OF WET WELL FOR LINING:

- a. The wet well and discharge manhole shall be pressure blasted to remove all dirt, grease, sand and surface contaminants on the walls and bench leaving a clean, wet or dry surface. Condition of the wet well and discharge manhole may require the use of a 10% solution of muriatic acid over all surfaces or the use of a detergent. If an acid or detergent solution is used, the surface thoroughly rinsed and neutralized prior to the installation of the liner system.
- b. Prior to application of the liner system, all visible infiltration through the wet well and discharge manhole shall be stopped.
- c. All large voids shall be patched prior to lining application.
- d. Remove all loose grout and rubble in the existing wet well and discharge manhole floor area. Rebuild or remove portions of the fillets, if required, by reshaping in such a manner as to prevent the deposition of solids. All visible leaks shall be plugged with an approved waterstop.

### 4. APPLICATION OF CALCIUM ALUMINATE CEMENT LINING:

- a. **Spray Application:** The pure-fused calcium aluminate cement liner system shall be mixed and applied in strict accordance with the manufacturer's written instructions using only manufacturer approved equipment. This shall include the preparation, installation, curing and finish operation required for the completion of the wet well and discharge manhole liner rehabilitation process. The material shall be spray applied directly to the damp wet well and discharge manhole surface in a one (1) coat application. The material shall be troweled smooth after the one coat application. The material shall completely cover the interior surface of the wet well and discharge manhole with a minimum thickness of 1/2-inch. A "brushed" finish shall be applied after troweling.
- b. The material shall be cured in strict accordance with the manufacturer's instructions.

### 5. FIELD QUALITY CONTROL:

- a. **Material Testing:** The compressive strength of cement lining material performance shall be confirmed by casting six 2-inch cubes or four 3-inch by 6-inch test cylinders from the applied material and testing in accordance with ASTM C-109.
- b. **Thickness Testing:** The thickness of the applied material shall be verified at the completion of the application.
- c. **Exfiltration Testing:** The lift station wet well and discharge manhole shall be tested by exfiltration. The test can be performed before or after coating at the discretion of the Contractor. The test shall consist of plugging all inlets and outlets and filling the wet well and discharge manhole with water to the rim of the structure(s) for 24 hours prior to the test. The water level is returned to the rim of the wet well and discharge manhole and the test shall be conducted for two (2) hours with no loss of water allowed.

## **REPAIRS AND COATING/LINING USING EPOXY**

### A. GENERAL

#### 1. WORKING INCLUDED:

- a. Furnishing materials and equipment for complete wet well and discharge manhole liner and rehabilitation of the concrete wet well and discharge manhole as indicated on the drawings and as specified herein.
- b. Stopping infiltration of groundwater and exfiltration of wastewater from the wet well and discharge manhole.
- c. Controlling and maintaining wastewater flow around the work area.
- d. All work shall comply with these Specifications and the specified product manufacturer's recommendations.

2. **QUALITY ASSURANCE:** Wet well and discharge manhole liner design requirements: Rehabilitation of existing wet well with the installation of Polymorphic Resin liner systems shall be designed to meet the following design criteria:

- a) The wet well and discharge manhole liner shall have a smooth “brushed finish” interior surface.
- b) The liner system shall prevent any infiltration of groundwater or exfiltration of wastewater.
- c) The completed rehabilitation of the wet well and discharge manhole liner shall stop hydrogen sulfide gas deterioration of the existing wet well and discharge manhole and provide a permanent jointless corrosion barrier from the underside of the wet well and discharge manhole lid to the wet well bottom. The completed liner shall be resistant to sulfuric acid attack resulting from hydrogen sulfide oxidation.

3. **SUBMITTALS:** The Contractor shall submit product data sheets of the proposed materials and application instructions for approval with manufacturer’s descriptive literature and other necessary information to CCU.

4. **JOB CONDITIONS:**

a. **Existing Conditions:** By accepting this contract, Contractor confirms that he has examined the site, as required, including any manholes or lift stations that are to be rehabilitated and has taken into account all required repairs, including repairs to stop all infiltration or exfiltration. Contractor shall advise the County of the proposed rehabilitation method before making any repairs. Do not begin surface preparation or application until all repairs have been completed).

b. The work may require working in confined spaces. The Contractor shall carry out his operations in accordance with all applicable OSHA regulations, including confined space entry requirements, as well as local, county, and state requirements, and in accordance with the approved MOT plan(if required). In addition, the Contractor shall protect the public from harm while performing the work by using barricades, warning lights and other means as necessary.

c. If there is evidence of infiltration the Contractor shall eliminate the infiltration using hydraulic cement, polyurethane resin injection, chemical pressure grout or a combination of them as specified herein.

5. **WARRANTY:**

a. The Contractor shall provide a written, unconditional, one-year, non-prorated warranty of the completed wet well liner system. The warranty shall cover all labor and material for correcting defects in the liner system, including infiltration, surface cracking, leaking, seepage, pin holes, de-lamination of liner, and deterioration of the wet well and discharge manhole liner caused by exposure to hydrogen sulfide gas (H<sub>2</sub>S).

b. Any observed leakage that occurs during the warranty period shall be stopped by the use of the liner material manufacturers approved repair method. The repair shall be performed by the Contractor at his expense. A new warranty period on the repaired wet well liner shall begin on the date of the repair.

6. **REFERENCES:**

a. The Contractor installing the wet well and discharge manhole liner shall be factory trained and approved by the product manufacturer in the application of the specified products and shall employ persons trained in the application of the specified product.

b. Contractor must have a minimum of five (5) years experience rehabilitating sanitary system manholes and/ or wastewater lift station wet wells.

B. **PRODUCTS:**

1. **RAVEN 400S EPOXY LINING (OR APPROVED EQUAL EPOXY LINER)** Raven 400S Epoxy is manufactured by Raven Lining Systems. Raven 400S is a two-part epoxy. Part A is the resin and Part B is the hardner and the mix ratio is 3:1 by volume.

2. **CRYSTALLINE ENHANCED HYDRAULIC CEMENT FOR WET WELL AND DISCHARGE MANHOLE LINER**

**SEALING:**

a. A rapid setting crystalline enhanced hydraulic cement material specifically formulated to stop moderate infiltration shall meet the following strength requirements:

Compressive Strength (ASTM C597B)	600 psi 1000 psi	(24 hours) (7 days)
Bond Strength (ASTM C321)	30 psi 80 psi	(1 hour) (1 day)

b. The manufacturer(s) shall be Preco Plug, Octocrete, Burke Plug or approved equal.

**3. CHEMICAL PRESSURE GROUT FOR WET WELL SEALING:**

a. A chemical pressure grout specifically formulated to stop severe infiltration shall be used where severe infiltration is occurring.

b. The manufacturer(s) for pressure acrylimide base gel sealing grout (i.e. chemical pressure grout) shall be by Avanti, DeNeef, Prime Resins, 3M or approved equal.

**4. POLYURETHANE CHEMICAL GROUT FOR SEALING CRACKS:**

a. A polyurethane chemical grout injection resin specifically formulated to seal infiltration through concrete cracks and precast joints.

b. The injection material shall be a liquid polyurethane hydrophilic injection resin such as "HA Flex LV" by DeNeef, "Prime Flex LV 900" by Prime Resins or generic approved equal.

**C. EXECUTION:**

1. **DELIVERY OF MATERIALS TO SITE:** Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer. Store materials in accordance with manufacturer's instructions. Keep containers sealed until ready for use. Store materials in a cool dry environment. Protect materials during handling and application to prevent damages.

2. **WET WELL SEALING WITH CRYSTALLINE ENHANCED HYDRAULIC CEMENT:** If moderate infiltration is evident within the structure after surface preparation is completed, a rapid setting crystalline enhanced hydraulic cement product specifically formulated for infiltration control shall be used to stop minor infiltration flows in accordance with the manufacturer's recommendations.

3. **WET WELL SEALING WITH CHEMICAL PRESSURE GROUT:** If severe infiltration is evident within the structure after surface preparation is complete, a chemical pressure grout shall be used to stop infiltration flows in accordance with the manufacturer's recommendations. Chemical pressure grout shall be applied by drilling through wet well and discharge manhole walls and/or floor and injecting chemical pressure grout into the material outside the wet well and discharge manhole.

4. **WET WELL AND DISCHARGE MANHOLE SEALING WITH A POLYURETHANE INJECTION RESIN:** Infiltration through cracks and joints shall be sealed by injecting the approved polyurethane injection resin through injection ports placed in 45 degree drilled holes across the crack or joint to intersect them at mid depth. All work shall be as recommended by the product manufacturer.

**5. PREPARATION OF WET WELL AND DISCHARGE MANHOLE FOR LINING:**

a. The wet well and discharge manhole shall be pressure blasted to remove all dirt, grease, sand and surface contaminants on the walls and bench leaving a clean surface. Condition of the wet well may require the use of a 10% solution of muriatic acid over all surfaces or the use of a detergent. If an acid or detergent solution is used, the surface shall be thoroughly rinsed and neutralized prior to the installation of the liner system.

b. Prior to application of the liner system, all visible infiltration through the wet well shall be stopped.

- c. All large voids shall be patched prior to lining application.
- d. Remove all loose grout and rubble in the existing wet well and discharge manhole floor area. Rebuild or remove portions of the fillets, if required, by reshaping in such a manner as to prevent the deposition of solids. All visible leaks shall be lugged with an approved waterstop.
- e. All surfaces shall be dry prior to applying any coating.

6. APPLICATION OF EPOXY LINING:

- a. Apply liner material in accordance with the manufacturer's instruction. Do not apply materials if the ambient temperature is below 40° F. All material shall be mixed in accordance with manufacturer's instructions. The liner shall be applied using approved equipment designed and manufactured for the specific application. The liner shall be applied from bottom of wet well and discharge manhole to the bottom of frame to form a structurally enhanced monolithic liner.
- b. The material shall be cured in strict accordance with the manufacturer's instructions.

7. FIELD QUALITY CONTROL:

- a. A minimum of two (2) layers of epoxy shall be applied with a minimum thickness of 40 mils each for a total minimum thickness of 80 mils.
- b. Exfiltration Test: The lift station wet well and discharge manhole shall be tested by exfiltration. The test can be performed before or after coating at the discretion of the Contractor. The test shall consist of plugging all inlets and outlets and filling the wet well and discharge manhole with water to the rim of the structure(s) for 24 hours prior to the test. The water level is returned to the rim of the wet well and discharge manhole and the test shall be conducted for two (2) hours with no loss of water allowed.

**LIQUIDATED DAMAGES:** The work shall be completed within **five (5) calendar days** from the date specified in the Notice to Proceed. This is the Contract Time. The Contract Time shall include the preparation, submittal, review and approval of submittals, delivery of materials, and construction, assembly, adjustment and placement into service for beneficial use of all facilities covered under this contract. The Contract Time also includes up to five (5) calendar days for the review of submittals by Charlotte County. The Contract Time shall be extended by one calendar day for each calendar day over five (5) that is used by the County for the review of the submittals. There shall be no extension of time provided for modification and corrections to the submittals to address deficiencies therein identified during the review by Charlotte County.

Charlotte County shall issue a Notice of Substantial Completion to the Contractor when it has determined that the work identified in the Contract has been substantially completed and that the facility is operating satisfactorily. Charlotte County shall provide the Contractor with a punch list within seven (7) calendar days after the Notice of Substantial Completion is issued. The punch list will identify the remaining items that must be addressed to the satisfaction of the County by the Contractor to meet his obligations under the Contract. The Contractor shall complete the items on the punch list to the satisfaction of the County within thirty (30) additional calendar days of the issuance of the Notice of Substantial Completion and prior to submittal of the application for final payment. Any costs incurred by the County (i.e. inspection time) after the thirty (30) calendar day period shall be charged to the Contractor.

The County and the Contractor hereby agree that time is of the essence on this Contract and the County will suffer damages if the work is not substantially completed within the Contract Time, plus any extensions thereof allowed by Change Order. It is further recognized and agreed by the County and the Contractor that the determination of the exact value of the damages the County would suffer due to a delay in the Substantial Completion of the work would be a difficult, time consuming and costly process. It is therefore hereby agreed by the County and the Contractor that it is in their mutual interest to establish a figure of **\$313.00** as Liquidated Damages (but not as a penalty) to be paid by the Contractor to the County for each calendar day that Substantial Completion is delayed beyond the Contract Time. It is mutually agreed by the County and the Contractor that neither shall make any claim to increase or reduce the amount to be paid under Liquidated Damages as the result of any calculation of actual damages suffered by County as the result of a delay in the Substantial Completion of the work.

**SUBCONTRACTING, SUBLETTING AND/OR ASSIGNMENT:** The Contractor shall not subcontract, sublet or otherwise assign more than forty-nine percent (49%) of the Contract value.

**TAXES:** Charlotte County is exempt from Federal Excise and State Sales Taxes. The Contractor shall assume liability for Local, State, or Federal Tax that is applicable to the work.

**ASSIGNMENT:** This agreement, or any interest herein, shall not be assigned, transferred or otherwise encumbered, under any circumstances by Contractor without the prior written consent of the County.

**PERMITS AND REGULATIONS:** Permits and licenses necessary for the prosecution of the work shall be secured and paid for by the Contractor, unless otherwise specified. (A list of permit fees is attached.) The Contractor shall give all notices and comply with all laws, ordinances, rules, and regulations bearing on the conduct of the work as drawn and specified. If the Contractor observes that the specifications and drawings are at variance therewith, he shall promptly notify the County in writing, and any necessary changes shall be adjusted as provided in the Contract for changes in the work. If the Contractor performs any work knowing it to be contrary to such laws, ordinances, rules, and regulations, and without such notice to the County, he shall bear all costs arising therefrom.

It shall be the responsibility of the Contractor to assure compliance with any FDOT specifications, OSHA, EPA, and/or other Federal, State or County law(s), code(s) and ordinance(s), as each may apply.

**SAFETY AND HEALTH REQUIREMENTS:** Charlotte County Safety and Health Requirements specifically outline the purpose, authorization, rules, and techniques to be utilized by all Contractors performing work for Charlotte County. All Contractors should become familiar with the contents of this program to ensure compliance with its procedures. The Contractor shall submit a Contractor Health and Safety plan to the County prior to commencement of work. (See attached requirements)

**PAYMENT:** All invoices will be paid in accordance with the Local Government Prompt Payment Act (F.S. 218.74).

**INSURANCE REQUIREMENTS:**

**Workers' Compensation** - Insurance covering all employees meeting Statutory Limits in compliance with the applicable state, federal laws. The coverage must include Employers' Liability with a minimum limit of \$100,000 for each accident.

**Comprehensive General Liability** - Coverage shall have minimum limits of \$1,000,000 Per Occurrence, combined Single Limit or Bodily Injury Liability and Property Damage Liability. This shall include Premises and Operations; Independent Contractors; Products and Completed Operations and Contractual Liability.

**Business Auto Liability** - Coverage shall have minimum limits of \$300,000 Per Occurrence, Combined Single Limit for Bodily Injury Liability and Property Damage Liability. This shall include: Owned Vehicles, Hired and Non-Owned Vehicles and Employee Non-Ownership.

**Special Requirements** - 1) Charlotte County, a political subdivision of the State of Florida, its officers, agents, employees, and volunteers, are to be included as an Insured on both the Comprehensive General Liability and Business Auto Liability Policies, and must be listed as such on the Insurance Certificate, Charlotte County to be named insured as: **Charlotte County**; 2) An appropriate Hold Harmless Clause shall be included; 3) Current valid insurance policies meeting the requirements herein identified shall be maintained during the duration of the named project. Renewal certificates shall be sent to the County 30 days prior to any expiration date. There shall also be a 30-day notification to the County in the event of cancellation or modification of any stipulated insurance coverage; 4) It shall be the responsibility of the Contractor to insure that all subcontractors comply with the same insurance requirements that he is required to meet; and, 5) Certificates of Insurance meeting the required insurance provisions shall be forwarded to the Purchasing Division after notification of award, prior to commencement. **For the purpose of identification, when submitting insurance, the quote name and number must be included on the certificate.**

**UNAUTHORIZED ALIEN WORKERS:** Charlotte County will not intentionally award publicly-funded contracts to any Contractor who knowingly employs unauthorized alien workers, constituting a violation of the employment provisions contained in 8 U.S.C. Section 1324a(e) [Section 274A(e) of the Immigration and Nationality Act ("INA")]. The County shall consider employment by any Contractor of unauthorized aliens a violation of Section 274A(e) of the INA. Such violation by the Contractor of the employment provisions contained in Section 274A(e) of the INA shall be grounds for termination of this Agreement by the County.

**CRITERIA FOR AWARD:** Award of this quote shall be to the lowest responsive, responsible quoter meeting or exceeding the requirements of the specifications set forth herein. Other considerations of award may be notice needed prior to commencement of work, and references.

The County reserves the right to reject the quote of any quoter who has previously failed to perform properly, or on time, contracts of similar nature; or who is not in a position to satisfactorily perform the contract. If, after the due date and time, the lowest quoter is deemed non-responsible by the County, such quoter shall receive written notice from the County of this determination. The quoter shall have five (5) business days from the date of this notice to dispute the determination and to provide to the County any additional information it deems relevant regarding the quoter's responsibility. The County shall make a final determination regarding the quoter's responsibility at the time of award of the contract.

**QUOTE PRICES FOR WET WELL LINING – LIFT STATION #855 PINE VALLEY #2 & DISCHARGE MANHOLE REHABILITATION:**

\_\_\_\_\_ / \$ \_\_\_\_\_  
TYPED/PRINTED NUMERIC

**PLEASE INDICATE WHICH LINING SYSTEM YOU ARE QUOTING: (check one)**

**POLYMORPHIC RESIN** \_\_\_\_\_ **MANUFACTURER:** \_\_\_\_\_

**CALCIUM ALUMINATE** \_\_\_\_\_ **MANUFACTURER:** \_\_\_\_\_

**EPOXY** \_\_\_\_\_ **MANUFACTURER:** \_\_\_\_\_

**Completion time shall be five (5) calendar days from issuance of Notice to Proceed.**

Notice Needed prior to Commencement of Work: \_\_\_\_\_ calendar days

**Qualifications to be submitted with a POLYMORPHIC RESIN or EPOXY quote:**

(√) \_\_\_\_\_ List similar projects, with completion dates, to show five (5) years experience in the rehabilitation of sanitary system manholes on the attached reference sheet.

**Qualifications to be submitted with a CALCIUM ALUMINATE quote:**

(√) \_\_\_\_\_ List similar projects, with completion dates, to show five (5) years of *municipal* experience in the rehabilitation of sanitary system manholes on the attached reference sheet.

(√) \_\_\_\_\_ Documentation that the material has a minimum 10-year history in the reconstruction of sanitary sewer structures and is supplied by an ISO 9002 certified supplier.

(√) \_\_\_\_\_ Manufacturer's current ISO 9002 certificate shall also be submitted to the County.

**Quoter's Name:** \_\_\_\_\_

(This page to be returned)

If notified of the acceptance of this quote form, the undersigned agrees to execute a Contract for the stated compensation in the form as prescribed by the County.

The signature below is a guarantee that the Quoter will not withdraw his/her quote for a period of thirty (30) days after the scheduled quote due date.

**HOLD HARMLESS AGREEMENT:**

\_\_\_\_\_ (name of firm), it's officers and members shall, through the signing of this document by an authorized party or agent, indemnify and hold harmless Charlotte County, a political subdivision of the state of Florida, its officers, agents, employees, and volunteers, from liabilities, damages, losses and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of \_\_\_\_\_ (name of firm) and persons employed or utilized by \_\_\_\_\_ (name of firm) in the performance of this contract.

\_\_\_\_\_ (name of firm) agrees that the first ten dollars (\$10.00) of compensation received under this contract represents specific consideration for this indemnification obligation.

Type of Organization (Please Check One): Individual Ownership \_\_\_\_\_ Joint Venture \_\_\_\_\_  
Partnership \_\_\_\_\_ Corporation \_\_\_\_\_

Name of Quoting Firm: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Location Address: \_\_\_\_\_

City & State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

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

Signature of person authorized to bind the Company: \_\_\_\_\_

Print name and title of person above: \_\_\_\_\_

Date: \_\_\_\_\_

**Local Business Status:** If Quoter affirms that it is a local business as defined on page 17 and in accordance with Ordinance 2009-005 adopted by the Charlotte County Board of Commissioners and filed with the Secretary of State on February 17, 2009, then the Affidavit Claiming Status as a Local Business, which is included as a part of this quote package, must be completed and returned.

Yes, our business qualifies as a Local Business and has completed and attached the 'Affidavit Claiming Status as a Local Business' as a part of our submission.

No, our business does not qualify as a Local Business.

**DUE DATE:** Please fax quote to the Purchasing Division at 941.743.1384, addressing it to the attention of:  
Kathleen M. Lindback, CPPB, Contract Specialist  
Quote must be received no later than 3:00 p.m. (EST), October 7, 2009

**QUOTE RESULTS:** Generally, a quote tabulation sheet is available by close of business on the quote due date. If you wish to obtain the quote results, you may do so by visiting our Website at [www.charlottecountyfl.com/purchasing](http://www.charlottecountyfl.com/purchasing) under "Purchasing Bids Online", document number 093414. No information regarding the submittal will be divulged over the telephone.

(This page to be returned)

**AFFIDAVIT**  
**Claiming Status as a Local Business**

Quoter affirms that it is a local business as defined below and in accordance with Ordinance 2009-005 adopted by the Charlotte County Board of Commissioners and filed with the Secretary of State on February 17, 2009.

**A. Local Business Definition:**

Local business means the company has a valid Business Tax Receipt issued by Charlotte County at least six months prior to the quote submission to do business within Charlotte County that authorizes the business to provide the services or goods, and a physical business address located within the limits of Charlotte County from which the business operates or performs business. Post Office Boxes are not verifiable and shall not be used for the purpose of establishing said physical address. In addition to the foregoing, a business shall not be considered having a "Local Business" unless it contributes to the economic development and well-being of Charlotte County in a verifiable and measurable way. Vendors shall affirm in writing their compliance with the foregoing at the time of submitting their quote to be eligible for consideration as having a "Local Business". A business that misrepresents the local preference status of its company in a quote to the County will lose the privilege to claim local preference for a one year period.

**B. Competitive quote (local price match option):**

Each formal competitive quote solicitation shall clearly identify how the price order of the quotes received will be evaluated and determined. When a responsive, responsible non-local business submits the lowest price quote, and the quote submitted by one or more responsive, responsible local businesses, as defined below, is within five percent of the price submitted by the non-local business, each of the aforementioned local businesses shall have the opportunity to submit, a best and final quote equal to or lower than the amount of the low quote previously submitted by the non-local business within five days of being notified by the Senior Division Manager of Purchasing in writing. Contract award shall be made to the responsive, responsible business submitting the lowest best and final quote. In the case of a tie in the best and final quote between a local business and a non-local business, contract award shall be made to the local business.

If requested by the County, the quoter will be required to provide documentation substantiating the information given in this affidavit. Charlotte County reserves the right to request supporting documentation as evidence to substantiate the information given in this affidavit. Failure to do so will result in the quoter's submission being deemed non-responsive.

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

Signature: \_\_\_\_\_

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

Year Business Established in Charlotte County: \_\_\_\_\_

State of Florida  
County of Charlotte

Sworn to and subscribed before me, a Notary Public, for the above State and County on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Commission Expiration

(Affix Official Seal)

The signee of this Affidavit guarantees, as evidenced by the sworn affidavit required herein, the truth and accuracy of this affidavit to interrogatories hereinafter made.

**This page to be returned only if Contractor is claiming a Local Business Status.**

**SOURCE OF SUPPLY AND SUBCONTRACTORS**

The following sources of supply and subcontractors shall be used for **WET WELL LINING – LIFT STATION #855 PINE VALLEY #2 & DISCHARGE MANHOLE**. (If quoter does not have a source of supply or subcontractor, insert "to be determined". When source or subcontractor is determined, selection will be subject to County approval. If not applicable, please state N/A).

<u>Source of Supply</u>	<u>Subcontractor(s)</u>
1. _____	1. _____
2. _____	2. _____
3. _____	3. _____
4. _____	4. _____
5. _____	5. _____
6. _____	6. _____

**DRUG FREE WORKPLACE FORM**

The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that \_\_\_\_\_ (name of business) does:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Signature \_\_\_\_\_

Dated \_\_\_\_\_

**Quoter's Name:** \_\_\_\_\_

**(This page to be returned)**

**REFERENCES - WET WELL LINING – LIFT STATION #855 PINE VALLEY #2 & DISCHARGE MANHOLE**

**REFERENCES:** Contractor shall submit a minimum of three (3) recent (within the past five (5) years) references of projects of similar size and scope on the attached Reference form. Each reference shall include a project description, project location, name and phone number of a contact person, total project amount, and completion date. The County reserves the right to contact references.

1. Project Location: \_\_\_\_\_  
Name of Contact Person: \_\_\_\_\_ Telephone # \_\_\_\_\_  
Project Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Total Project Amount: \$ \_\_\_\_\_ Completion Date: \_\_\_\_\_

2. Project Location: \_\_\_\_\_  
Name of Contact Person: \_\_\_\_\_ Telephone # \_\_\_\_\_  
Project Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Total Project Amount: \$ \_\_\_\_\_ Completion Date: \_\_\_\_\_

3. Project Location: \_\_\_\_\_  
Name of Contact Person: \_\_\_\_\_ Telephone # \_\_\_\_\_  
Project Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Total Project Amount: \$ \_\_\_\_\_ Completion Date: \_\_\_\_\_

4. Project Location: \_\_\_\_\_  
Name of Contact Person: \_\_\_\_\_ Telephone # \_\_\_\_\_  
Project Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Total Project Amount: \$ \_\_\_\_\_ Completion Date: \_\_\_\_\_

Quoter's Name: \_\_\_\_\_

(This page to be returned)

**SH-01 HEALTH AND SAFETY PLAN:** It shall be the responsibility of the Contractor to comply with OSHA, EPA, DOT and other applicable Federal and State of Florida laws, rules, regulations or other requirements. This includes, but is not limited to, 29 CFR 1926 (Safety and Health Regulations for Construction) and 1910 (Safety and Health Regulations for General Industry). Contractors are required to have a written Health and Safety Program that is jobsite specific. The elements of this written program shall be in accordance with OSHA 1926 and 1910. A list of program elements can be obtained from Charlotte County Risk Management.

The Contractor will designate a responsible member of his organization whose duty shall be the prevention of accidents at the site. This person shall be the Contractor's superintendent unless otherwise designated in writing by the Contractor to the Project Manager.

A copy of the Contractor's Health and Safety Plan will be submitted to Charlotte County at least 10 days prior to commencement of work. Contractor shall provide documentation that his employees and subcontractors received training (been informed of) on the Contractor's Health and Safety Plan. The Contractor will be responsible for conducting a site safety briefing for all visitors to the site. Documentation of these site safety briefings are to be maintained by the Contractor and made available to Charlotte County upon request.

Contractor will post, where appropriate, all necessary job-site Health and Safety notices. The Loss Control Coordinator will conduct unannounced job-site inspections during the course of the project. Minor safety violations may be addressed immediately with the onsite supervisor and Project Manager. Major safety violations will result in written notification to the Contractor and Charlotte County Department Director under which the project is being performed. Hazardous conditions that are considered by the Loss Control Coordinator to be immediately dangerous to life or limb will result in immediate stoppage of work until the hazardous conditions are corrected.

**SH-02 ACCIDENTAL SPILLS:** In the event of an accidental release or spill of chemicals or other hazardous materials the Contractor shall:

- Immediately take action as appropriate to contain the spill if this action can be taken without jeopardizing the health or safety of employees,
- Notify the Fire/EMS, or other entities as needed or required,
- Contact the Project Manager/Coordinator, and
- Contact Charlotte County Risk Management and Loss Control Coordinator.

The following phone numbers may be used in the event of an emergency:

Risk Management	941-743-1332
Loss Control Coordinator	941-764-4191 (or Cell 941-763-9951)

**SH-03 CONTROL OF FUGITIVE EMISSIONS:** The Contractor shall take all reasonable precautions necessary to control fugitive emissions from the job site. Fugitive emissions include, but are not limited to: nuisance dust, chemical odors/vapors/gases, hazardous materials such as lead or asbestos, and noise. Where the product(s) or material(s) to be used by the Contractor has a permissible exposure limit (PEL) established by OSHA the Contractor shall take all reasonable steps to maintain emissions of the product(s) or materials below the OSHA PEL. To verify that emissions are maintained below the OSHA PEL, the Contractor shall monitor, or shall contract to have monitored, work area exposure conditions. Monitoring shall occur, at a minimum, during the start of work and whenever there is a change in procedure, process, or chemical or material used. If it is deemed not practical to maintain exposures below the PEL, the Contractor shall restrict access to all areas where exposures exceed the PEL to authorized personnel only.

**A. ASBESTOS AND SUSPECT ASBESTOS CONTAINING BUILDING MATERIALS:** Contractors shall, under no circumstances, damage or disturb suspect or known asbestos containing material (ACM) unless they are a licensed Florida Asbestos Abatement Contractor and have been specifically employed to perform asbestos repair or removal. It is the responsibility of the Contractor to provide his or her own asbestos awareness program in accordance with 29 CFR 1926.1101. Where required by Federal and State regulations, the Contractor is required to have asbestos surveys performed prior to any work that includes, but is not limited to, renovation, and demolition. The asbestos survey must be performed by a firm that is licensed in the State of Florida to perform such surveys. A copy of the asbestos survey shall be submitted to the County's project manager. Asbestos materials may not be used or installed in any Charlotte County facilities.

**B. LEAD-CONTAINING BUILDING MATERIALS:** Contractors that will disturb lead-containing building materials during the course of work shall take all necessary precautions to protect Charlotte County employees and the public from exposure to lead dust or contamination. These measures shall conform, at a minimum, to the OSHA

requirements detailed in 29 CFR 1926.62 and applicable local, state and federal regulations. Where the Contractor is engaged in work in child-occupied facilities, such work shall be performed in accordance with 40 CFR 745, and clearance testing shall be performed by the Loss Control Coordinator or a licensed consultant at the conclusion of the project in accordance with the requirements of this regulation.

**C. SAMPLING AND MONITORING RESULTS:** The results of all personal and area monitoring and or other samples collected for health and safety compliance required by OSHA or any other state or federal regulatory agency shall be provided to Charlotte County.



# Building Construction Services

18400 Murdock Circle  
 Port Charlotte, FL 33948  
 Phone: 941.743.1201 Fax: 941.743.1213  
 Zoning Phone: 941.743.1964  
 www.charlottefl.com bcs@charlottefl.com

*To exceed expectations in the delivery of public service*

## Permit Fee Schedules for Building, Zoning, Land Development and DRC

(Revised by Resolution 2004-091 and Resolution 2007-096 taken from Exhibit A)

### BUILDING VALUATIONS

Building Permits will be based on valuation. The valuation will be taken from the most recent ICC Building Valuation Tables published on the ICC website and using the Florida multiplier. If this fee is disputed, only a signed and sealed contract may be substituted if it includes all phases of construction including contractor overhead and profit.

### PERMITS BASED ON VALUATION

If a Single Family Residence (SFR) or Commercial Permit is less than \$50,000 in valuation \$90  
 Valuation over \$50,000 for SFR or SFR Misc Permit Types valuation x  $\left\{ \begin{array}{l} 0.004 \\ 0.005 \end{array} \right\}$  = Building Permit Fee  
 Valuation over \$50,000 for Commercial Permit Types

### PLANS REVIEW

Plans Rejection Fee	
1st Plans Rejection Fee	\$75
2nd Plans Rejection Fee	\$150
3rd Plans Rejection Fee	\$225
Residential Plans Change	\$50
Commercial Plans Change	\$75
Re-stamp of Blueprints	\$50

### INSPECTIONS

Reinspection Fee	
1st Reinspection Failure Fee	\$50
2nd Reinspection Failure Fee	\$100
3rd Inspection Failure Fee	\$150
Scheduled Time Inspections	\$50
No charge/no guarantee for concrete only	
Partial Inspections	\$50

### SPECIAL PERMITS

Garage Permit	\$200
Residential Addition / interior re-model	\$200
Swimming Pool	\$200
DCA Home/Mobile Home	\$200

### PERMITS BASED ON A FLAT FEE \$90

Demolition	Fuel Tank - Above Ground	LP Tanks	Tent
Demolition Interior	HARV - New installation	Pool Heater	Water Conditioner
Electrical Addition/Alteration	HARV - Change Out	Plumbing Permit	Water Heater
Electrical Perm Power Pole	HARV - Condenser Unit Only	Piping Only	Window for House
Electrical Service Change	HARV - Air Handler Only	Sewer Connection	Window for Lanai
Electrical Temporary Pole	HARV - Split System	Spray Booth	
Fire Alarm	Heat Pump	Sign	
Fire Sprinkler	Hood Suppression	Sprinkler	
Fuel Tank	Kitchen Hood	Suppression System	

**FAILURE TO SECURE A PERMIT PRIOR TO WORK COMMENCING WILL RESULT IN A PENALTY OF UP TO QUADRUPLE THE ORIGINAL FEE.**

**MISCELLANEOUS FEES**

Change in Contract /Owner	\$61
Commercial Change of Occupancy	\$101
Moving Permit (both in/out of County)	\$90
Permit Extension Request (1st 90 days)	\$63
Permit Extension Request (2nd 90 days)	\$100
Stop Work Order Fee (to have order lifted)	\$50
Expired Permit Renewal	Based on original valuation of permit.

**TEMPORARY CERTIFICATE OF OCCUPANCY (TEMP CO)**

<u>Residential</u>			<u>Commercial</u>		
	30 days	\$100		30 days	\$200
	60 days	\$200		60 days	\$400
	90 days	\$300		90 days	\$600
	Each 30 days after 90 days	\$500		Each 30 days after 90 days	\$900

**RIGHT OF WAY (Underlined fees established by Resolution 2007-096)**

Right of Way permits expire after one (1) year, unless a renewal fee of \$29 is paid.

**Excavation Application Fees**

Group I	\$2,400
Group II	\$4,800
Group III	\$9,600
Group IV	\$2,400

**Excavation Annual Monitoring**

Group I	\$0
Group II	\$1,200
Group III	\$1,250
Group IV	\$1,200
Amendment Transfer	\$500

**Right of Way Permit Fees**

Line & Grade	\$310
Pools & Miscellaneous	\$90
ROW Permit	\$140
ROW Utility Permit	\$90
Re-Inspection	\$140
Stormwater (10 acres or less)	\$580
Stormwater (10 acres or more)	\$580 + Plus \$21.00 per acre over 10 acres

**ZONING****Permits**

Boat Lifts	\$95
Commercial Tree Permit	\$80
Commercial Tree Ordinance	\$80
Fences - Residential & Commercial	\$75
Garage	\$35
Model Home Flag Permit	\$54
Portable canopy Permit	\$10
Residential Tree Permits	
Residential/Duplex	\$70
Multi Family Resubmit	\$95
Single Family Resubmit	\$60
Environmental Inspection	\$55
Seawalls	\$95
Signs	\$85
Special Event Permit (seasonal/holiday)	\$25
Special Event Permit (other)	\$110
Temporary Advertising Device	\$20

**Reviews/Plans Changes/Reinspection**

Commercial Permit Review	\$65
Commercial Landscape Review	\$80
Commercial Plans Change	\$95
Commercial Re-Submittal Fee	\$95
Commercial Miscellaneous Permit Review	\$20
Pool Review	\$15
Residential Permit Review	\$30
Residential Plans Change	\$33
Zoning Reinspection	\$27
<b><u>Variances/Other Fees</u></b>	
Administrative Variances	\$175
Zoning Variance	\$805
Appeal Board	\$235
BZA Administration	\$180
Zoning Regulation	\$45
Zoning Regulation Updates	\$25
Special Exception to Zoning Code	\$880
Notary Fee	\$5

**FAILURE TO SECURE A PERMIT PRIOR TO WORK COMMENCING WILL RESULT IN A PENALTY OF UP TO QUADRUPLE THE ORIGINAL FEE.**

**CHARLOTTE COUNTY  
PUBLIC WORKS DIVISION  
CHARLOTTE COUNTY, FLORIDA**

**POLICY**

Subject: <b>Maintenance of Traffic (MOT) Policy</b>	Effective Date: <b>January 9, 2008</b>	From: <b>Danny Quick, County Engineer</b>
Applies to: All Employees of the Charlotte County Board of County Commissioners	Last Amended: July 10, 2006	Page: 1 of 3 pages

The purpose of this policy is to provide instructions to assure that all work being performed in the County's right-of-way are performed under both The Manual of Uniform Traffic Control Devices (MUTCD) and The Florida Department of Transportation Roadway & Traffic Design Standards thus, assuring a safe environment for both the worker(s) and driver(s) on all County roads. Short term projects that last only a few hours will not be held to the same planning outlined in this policy however they shall still be subject to MUTCD and FDOT standards.

This policy shall apply to all work in the rights-of-ways including that performed by contractors working for the County, contractors working for developers, utility companies (including work being performed by their personnel or contractors/sub-contractors) and all County work forces within each department of each division. Both internal requirements (departmental) as well as external requirements (contractors) are governed by this policy. A copy of this policy shall be attached to all permits for contractor compliance. All instruction references to the MUTCD Part VI and Index 600 of the Florida Department of Transportation Design Standards, shall apply to the latest edition.

The contractor shall at all times take every available precaution to safeguard the public as well as construction workers. The contractor's personnel shall comply with the Maintenance of Traffic requirements, comply with reasonable requests from County Employees and act courteously with the public.

1. All personnel working within the County's right-of-way shall at **ALL** times, wear FDOT approved safety vests, including those who may be periodically on-site and out of their vehicles, i.e., supervisors, foreman, testing personnel, etc.
2. Each contractor shall submit a maintenance of traffic plan for any construction project involving work or activity that may affect traffic on any County street, roadway, bike path, or sidewalk, and obtain approval prior to the start of the project.
3. The MOT plan shall consist of one or more engineering drawing(s) signed and dated by either a Professional Engineer, or person certified by the International Municipal Signal Association (IMSA) in work zone traffic safety, qualified and knowledgeable in the field of traffic engineering, detailing traffic control for any road construction, detours, or road closures. Should any changes to the MOT occur during any phase of the project, a revised MOT shall be immediately submitted reflecting changes.
4. For all work within the County right-of-way, where construction operations will alter traffic activities, the contractor will designate a qualified individual who will be responsible to implement, inspect, and/or supervise the placement, maintenance, and removal of traffic control devices in the work zone. The person responsible, possessing current valid and verifiable wallet cards from the above approved courses, shall be the only person approved to work on the maintenance of traffic and shall remain on site during any time of activity.
5. All equipment and hazards left in the right-of-way during hours of darkness are to be barricaded off. All signs and barricades requiring lights shall have then attached and in good

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working order. Any further traffic control devices deemed necessary during the project are to be provided by the contractor at the contractor's expense.

6. Every attempt shall be made to avoid road closures. Where it is not possible to completely avoid road closures, the following procedures shall be followed:
  - a. Road closures shall be limited, if possible, to single lane closures with traffic controlled by flagmen. Flagging operations and flagmen shall comply with MUTCD requirements. Flagging is not to begin until the proper signage is in place. When flagging is not being performed the signs must be covered up, turned away from traffic or removed from the job site.
  - b. If the work cannot be performed without closing all traffic lanes, but the closures can be limited to intervals no longer than five-minute duration's (e.g., to accommodate necessary equipment operations) flagmen shall be used to control traffic as necessary.
  - c. If the work cannot be performed without closing all traffic lanes for periods longer than five (5) minutes at a time, provisions shall be made to maintain access to all developed properties. Access may be properly signed and/or marked detours or other approved methods.
  - d. A detailed Maintenance of Traffic Plan shall be prepared by the contractor or other responsible entity for all situations where any lane closures are proposed. The detailed MOT Plans shall show the limits of the road closure, detour routes and/or other means of maintaining access, temporary signing and marking that will be used, and any other information deemed necessary by the County Engineer. The MOT Plan for road closures shall be submitted to the Engineering Department at least two weeks prior to each road closure. **No road closures, other than emergencies, are authorized without the prior approval of the County Engineer.**
  - e. If the road closure is authorized by the County Engineer, the following organizations shall be notified seven days prior to the closure and again 24 hours prior to the closure. If the closure will extend for more than one (1) day, notifications shall be made each day to inform these organizations of the road closure that will be in effect the following day:
    - **Charlotte County Public Works:** Transportation Engineering Section  
(941) 575-3600                      **Fax:** (941) 637-9265
    - **All Emergency services:**

<u>EMS</u>	<u>Fire</u>	<u>Sheriff</u>
(941) 629-9996	(941) 743-1367	(941) 639-2101
    - **Charlotte County School Board:** Transportation Division (941) 575-5432
    - **The Media:** Newspaper/Radio Stations (Notify applicable one(s))
 

<u>Charlotte Sun Herald</u>	(941) 629-0414
<u>Charlotte AM</u>	(941) 627-7570

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<u>Charlotte Herald</u>	(941) 627-7550
<u>Englewood Sun Herald</u>	(941) 473-5733
<u>Sarasota Herald Tribune</u>	(941) 629-2010
<u>Venice Gondolier</u>	(941) 207-1220
<u>Radio – Beach 98-9FM</u>	(941) 206-1112
<u>Clear Channel Radio – Punta Gorda</u>	(941) 639-1240
<u>Clear Channel Radio – Sarasota</u>	(941) 552-4800
<u>KIX Country 92.9 WIKX – Punta Gorda</u>	(941) 639-1189
<u>Muzak – Punta Gorda</u>	(941) 575-1117
<u>The Beach – Punta Gorda</u>	(941) 764-0232
<u>Seaview 104.9 – Punta Gorda</u>	(941) 639-1188
<u>Weng Radio 1530 AM – Englewood</u>	(941)474-3231

- All property owners, residents and tenants of the affected properties (continuing notification not required).
- f. If immediate road closure is necessary to safeguard life and/or public safety or private property, prior approval shall **NOT** be required. However, the notifications required under e. above shall be made as soon as practicable provided that the notification effort does not compromise the efforts to safeguard life and/or property.
  7. All initial MOT plans (not involving road closures) and proposed changes shall be submitted to the County Transportation Engineer, or designee, for approval, at least one week prior to the start of work.
  8. Failure to comply with the stipulations set forth in this policy will result in immediate suspension of work, and/or revoking of the permit until such time as the affected party comes into compliance.

Original: 9/15/95  
Revisions: 3/1/97  
9/29/03  
7/10/06