

ADDENDUM NO 01

Bid No 019-14 Manhole—Wet Well Rehabilitation 2014

CITY OF FAIRHOPE

The bid documents for this Bid shall be amended, revised and changed in the following particulars:

Answers from Dan McCrory, Superintendent Water and Sewer Department:

Questions from potential bidders:

Question 1:

The bid specification contains work summary info on the two (2) Grand Hotel wet wells and the Bishop Rd/Fairhope Ave and the Gayfer Ave/Grove Circle manholes. Can you supply the required work description required for the Newton School wet well and the Nichols/Young manhole? Also location description or address of these 2 structures?

Answer 1:

The information requested is provided in the attached : **8.12 WORK SUMMARYrev1** found in **ITEM VIII SCOPE OF WORK AND SPECIFICATIONS.**

Remove and discard pages containing 8.10.3 through 8.12.4 (pages 21 and 22.

Replace with attached pages containing 8.10.3 through 8.12.6

Bidders are to sign and include signed Addendum No.1 with submitted bid documents.

Acknowledged:

Company

By

Daniel P. Ames
Purchasing Manager
City of Fairhope
05-12-2014

8.10.3 **Liner Application:** The resin based liner shall be manually sprayed on to all surfaces by a trained technician who is experienced in the application of a spray applied resin and has been certified by the manufacturer. Appropriate personal protection equipment shall be utilized but in every case when applying the liner, the sprayer and personnel in direct contact with the spray atmosphere, will always be protected by supplied air.

8.10.4 **Curing:** Active flow may be re-established within the sprayed structure immediately following the completion of spraying. However, before performing a vacuum test on the structure a minimum curing time is needed to allow all sprayed surfaces within the interior of the structure to return to ambient temperature. In extremely cool weather, the structure shall be protected while curing is in process to maintain temperatures within the range specified in section 3.03 paragraph (A) above.

8.11 **FIELD QUALITY CONTROL**

8.11.1 The following test/inspection will be performed by the Construction Manager:

8.11.1.1 Visually verify the absence of leaks from infiltration.

8.11.2 One of the following tests shall be performed by the Contractor if requested:

8.11.2.1 Vacuum Test: A vacuum test conforming to the requirements of ASTM C 1244.

8.11.2.2 Holiday Detection Test: A high voltage holiday detection system may be used to determine if any holidays (voids) exist in the lining. Normally the sensitivity control of the holiday tester is set to accommodate the thickness of the applied lining (100 - 125 volts for each 1 mil thickness). Follow the guidelines of the holiday manufacturer for correct control settings. One such source is the Tinker & Rasor Holiday Tester Model APW. Should a holiday be detected, it shall be marked and the lining installation contractor will repair the void according to the correct procedure determined by the system manufacturer.

8.12 **WORK SUMMARYver1**

8.12.1 **Rehabilitate 48" Manhole at Bishop Road and Fairhope Avenue** (Approx. depth 13)

- Pressure clean manhole
- Repair all leaks, voids and any signs of infiltration encountered
- Rebuild manhole bottom and re-establish flow channel
- Apply minimum thickness of Quadex Aluminaliner or approved equal product

8.12.2 **Rehabilitate 48" Manhole at Gayfer Avenue at Grove Circle** (Approx. depth 4")

- Repair all leaks, voids and any signs of infiltration encountered
- Rebuild manhole bottom and re-establish flow channel
- Apply approx. 1" of cementitious underlayment
- Apply approx. 150 mils (1/8") of SprayWall urethane topcoat or approved equal product

8.12.3 **Rehabilitate 48" Manhole at Nichols/Young Street** (Approx depth 4')

- Repair all leaks, voids and any signs of infiltration encountered
- Rebuild manhole bottom and re-establish flow channel
- Apply approx. 1" of cementitious underlayment
- Apply approx. 150 mils (1/8") of SprayWall urethane topcoat or approved equal product

8.12.4 **Rehabilitate Grand Hotel Pump Station Wet Well at Pump No. 1** –dimension 8'0 x 12 VF)

- Pressure clean wet well
- Repair all leaks, voids and any signs of infiltration encountered
- Apply approx. 150 mils (1/8") of SprayWall urethane topcoat or equal approved product

8.12.5 **Rehabilitate Grand Hotel Pump Station at Pump No. 2**-(Approx. dimension 8'0 x 12VF)

(Note: This pump station wet well must remain in service throughout the rehabilitation process therefore lining is to be applied down to the low water level)

- Pressure clean wet well
- Repair all leaks, voids and any signs of infiltration encountered
- Apply approx. 2" of cementitious underlayment to restore liner thickness lost due to corrosion
- Apply approx. 150 mils (1/8") of SprayWall urethane topcoat or equal approved product

8.12.6 **Rehabilitate Larry Newton Elementary School Wet Well** located at 9761 County Road 32, Fairhope, AL 36532

- Repair all leaks, voids and any signs of infiltration encountered
- Rebuild manhole bottom and re-establish flow channel
- Apply approx. 1" of cementitious underlayment
- Apply approx. 150 mils (1/8") of SprayWall urethane topcoat or approved equal product