



AGENDA REPORT  
February 12, 2019

**Approval of Emergency Change Order for Atlantic Development of Cocoa,  
Inc. for Emergency Repair Services.**

---

**SUBJECT:**

Authorization to approve emergency Change Order for Atlantic Development of Cocoa, Inc. for emergency repair services of the replacement of a sanitary manhole on Interlachen Road including gravity sewer and roadway restoration in the amount of \$242,000 (District 4)

**FISCAL IMPACT:**

Funding is available in the South Central Area Operations & Maintenance budget.

**DEPT/OFFICE:**

Utility Services

**REQUESTED ACTION:**

It is requested that the Board of County Commissioners approve emergency Change Order for Atlantic Development of Cocoa, Inc. for emergency repair services of the replacement of a sanitary manhole on Interlachen Road including gravity sewer and roadway restoration in the amount of \$242,000 along with any associated budget changes.

**SUMMARY EXPLANATION and BACKGROUND:**

On December 26th, a resident complaint was reported to the County of a roadway sinkhole adjacent to a manhole at the intersection of Interlachen Road and Inverness Avenue, in the Suntree community. Upon Utilities Services and Public Works arriving on site it was determined that the sinkhole was the cause of the adjacent sanitary manhole mentioned above. Utility Services staff evaluated the condition of the manhole and determined that bottom south side of the interior of the manhole showed structural damage causing the roadway to undermine above. The Utility Services Department deemed that no temporary solution would remedy the situation of the poor structural condition of the manhole and the unsafe roadway condition thus deciding that replacement was the only solution to address the poor condition of the manhole and the sinkhole in the roadway. Atlantic Development immediately mobilized that day to establish maintenance of traffic and begin excavation effort of the existing manhole. During the excavation effort it was determined that in addition to the manhole structure failing that 20 feet of gravity sewer failed resulting in the need of replacement resulting in the limits of the project extending. The need of the gravity sewer replacement was deemed necessary

due to collapsed pipe being observed and observing back-ups in the upstream manholes and lift station.

The location of this effort is on a main corridor in the Suntree community with the manhole and sewer at approximately 20 feet in depth. The existing manhole was approximately 35 years old. The manhole and sewer replacement conducted is expected to have a life of over 40 years. Utilities engineering and construction management staff have reviewed the itemized invoice and agree that the materials, labor and other circumstances (e.g., depth of work) and the cost are appropriate for this emergency condition to be resolved.

**CLERK TO THE BOARD INSTRUCTIONS:**

E-mail Clerk Memo to [rose.lyons@brevardfl.gov](mailto:rose.lyons@brevardfl.gov) after approval. Mail original Clerk Memo.

**ATTACHMENTS:**

**Description**

- **Atlantic Development Emergency Change Order**



Tammy Rowe, Clerk to the Board, 400 South Street • P.O. Box 999, Titusville, Florida 32781-0999

Telephone: (321) 637-2001  
Fax: (321) 264-6972  
Tammy.Rowe@brevardclerk.us

February 13, 2019

**M E M O R A N D U M**

TO: Jim Helmer, Utility Services Director Attn: Rose Lyons

RE: Item F.6., Approval of Emergency Change Order with Atlantic Development of Cocoa, Inc. for Emergency Repair Services

The Board of County Commissioners, in regular session on February 12, 2019, approved emergency Change Order with Atlantic Development of Cocoa, Inc. for emergency repair services of the replacement of sanitary manhole on Interlachen Road, including gravity sewer and roadway restoration, in the amount of \$242,000; and approved any associated budget changes.

Your continued cooperation is always appreciated.

Sincerely,

BOARD OF COUNTY COMMISSIONERS  
SCOTT ELLIS, CLERK

*Tammy Rowe*

Tammy Rowe, Deputy Clerk

cc: Finance  
Budget



Atlantic Development of Cocoa, Inc.  
2185 West King Street  
Cocoa, Florida 32926  
321-639-8788

RECEIVED

JAN 28 2019

UTILITY SERVICES

# Invoice

| Date      | Invoice # |
|-----------|-----------|
| 1/25/2019 | 22997     |

| Bill To   |
|---|
| BREVARD COUNTY UTILITY SERVICES<br>2725 JUDGE FRAN JAMIESON WAY<br>A-213<br>VIERA, FL 32940 |

| Job Name                             |
|--------------------------------------|
| Interlachen Road Manhole Replacement |

| Job No.      | P.O. No. | Terms          |
|--------------|----------|----------------|
| ADC # 19-001 |          | Due on receipt |

| Description   | Qty | Unit     | Rate      | Amount           |
|---|-----|----------|-----------|------------------|
| <b>LABOR -</b>  |     |          |           |                  |
| 1 - Supervisor  | 80  | Reg. Hrs | 55.00     | 4,400.00         |
| 1 - Supervisor  | 55  | OT Hrs   | 82.50     | 4,537.50         |
| 2 - Operators @ \$38.00 an hour each for 80 regular hours each  | 160 | Reg. Hrs | 38.00     | 6,080.00         |
| 2 - Operators @ \$57.00 an hour each for 55 OT hours each       | 110 | OT Hrs   | 57.00     | 6,270.00         |
| 3 - Drivers @ \$36.25 an hour each for 80 regular hours each    | 240 | Reg. Hrs | 36.25     | 8,700.00         |
| 3 - Drivers @ \$54.38 an hour each for 55 OT hours              | 165 | OT Hrs   | 54.38     | 8,972.70         |
| 4 - Laborers @ \$32.80 an hour each for 80 regular hours        | 320 | Reg. Hrs | 32.80     | 10,496.00        |
| 4 - Laborers @ \$49.20 an hour each for 55 OT hours             | 220 | OT Hrs   | 49.20     | 10,824.00        |
| Burden  |     |          | 27,125.72 | 27,125.72        |
| <b>TOTAL LABOR</b>  |     |          |           | <b>87,405.92</b> |
| <b>EQUIPMENT -</b>  |     |          |           |                  |
| 2 - 300 Excavators @ \$175.00 an hour each for 80 hours each    | 160 | Hour     | 175.00    | 28,000.00        |
| 2 - Crew Trucks @ \$35.00 an hour each for 80 hours each        | 160 | Hour     | 35.00     | 5,600.00         |
| 2 - Dumptrucks @ \$65.00 an hour each for 80 hours each         | 160 | Hour     | 65.00     | 10,400.00        |
| 1 - Demo Saw @ \$35.00 an hour for 19 hours                     | 19  | Hour     | 35.00     | 665.00           |
| 1 - Compactor @ \$35.00 an hour for 32 hours                    | 32  | Hour     | 35.00     | 1,120.00         |
| 1 - Vac-Truck @ \$185.00 an hour for 40 hours                   | 40  | Hour     | 185.00    | 7,400.00         |
| 2 - Wellpoint Systems @ \$110.00 an hour each for 80 hours each | 160 | Hour     | 110.00    | 17,600.00        |
| 2 - Bypass Pumps @ \$110.00 an hour each for 80 hours each      | 160 | Hour     | 110.00    | 17,600.00        |
| 1 - Street Saw @ \$85.00 an hour for 20 hours                   | 20  | Hour     | 85.00     | 1,700.00         |
| Markup 7.5%   |     |          | 6,756.38  | 6,756.38         |
| <b>TOTAL EQUIPMENT</b>  |     |          |           | <b>96,841.38</b> |

|  |                         |
|--|-------------------------|
|  | <b>Subtotal</b>         |
|  | <b>Sales Tax (0.0%)</b> |
|  | <b>Total</b>            |
|  | <b>Payments/Credits</b> |
|  | <b>Balance Due</b>      |



Atlantic Development of Cocoa, Inc.  
2185 West King Street  
Cocoa, Florida 32926  
321-639-8788

RECEIVED

JAN 28 2019

UTILITY SERVICES

Invoice

| Date      | Invoice # |
|-----------|-----------|
| 1/25/2019 | 22997     |

| Bill To   |
|---|
| BREVARD COUNTY UTILITY SERVICES<br>2725 JUDGE FRAN JAMIESON WAY<br>A-213<br>VIERA, FL 32940 |

| Job Name                             |
|--------------------------------------|
| Interlachen Road Manhole Replacement |

| Job No.      | P.O. No. | Terms          |
|--------------|----------|----------------|
| ADC # 19-001 |          | Due on receipt |

| Description                   | Qty | Unit | Rate      | Amount       |
|-------------------------------|-----|------|-----------|--------------|
| MATERIALS -                   |     |      |           |              |
| Fill Dirt/Sand                | 108 | CY   | 6.25      | 675.00       |
| Limerock                      | 155 | TNS  | 32.85     | 5,091.75     |
| Asphalt                       | 50  | TNS  | 76.77     | 3,838.50     |
| Manhole                       | 1   | EA   | 16,867.79 | 16,867.79    |
| Inside Drop Materials         | 1   | EA   | 984.40    | 984.40       |
| Misc. Pipe & Fernco CPLGS     | 1   | LS   | 974.21    | 974.21       |
| Markup 10%                    |     |      | 2,843.17  | 2,843.17     |
| TOTAL MATERIALS               |     |      |           | 31,274.82    |
| SUBCONTRACTORS -              |     |      |           |              |
| Flashrite                     | 1   | LS   | 9,202.00  | 9,202.00     |
| Adrain Turnbaugh Construction | 1   | LS   | 4,500.00  | 4,500.00     |
| Markup 10%                    |     |      | 1,370.20  | 1,370.20     |
| TOTAL SUBCONTRACTORS          |     |      |           | 15,072.20    |
| Subtotal                      |     |      |           | \$230,594.32 |
| Sales Tax (0.0%)              |     |      |           | \$0.00       |
| Total                         |     |      |           | \$230,594.32 |
| Payments/Credits              |     |      |           | \$0.00       |
| Balance Due                   |     |      |           | \$230,594.32 |

# Atlantic Development of Cocoa, Inc.

## LABOR

| DESCRIPTION     | QUANTITY | RATE    | HR | OT HR | REG HR \$   | OT HR \$    | TOTAL       |
|-----------------|----------|---------|----|-------|-------------|-------------|-------------|
| SUPERVISOR      | 1        | \$55.00 | 80 | 55.00 | \$4,400.00  | \$4,537.50  | \$8,937.50  |
| OPERATOR        | 2        | \$38.00 | 80 | 55.00 | \$6,080.00  | \$6,270.00  | \$12,350.00 |
| DRIVER          | 3        | \$36.25 | 80 | 55.00 | \$8,700.00  | \$8,971.88  | \$17,671.88 |
| LABORER         | 4        | \$32.80 | 80 | 55.00 | \$10,496.00 | \$10,824.00 | \$21,320.00 |
| <b>SUBTOTAL</b> |          |         |    |       |             |             | \$60,279.38 |
| BURDEN 45%      | 45%      |         |    |       |             |             | \$27,125.72 |
| <b>TOTAL</b>    |          |         |    |       |             |             | \$87,405.09 |

## EQUIPMENT

| DESCRIPTION      | QUANTITY | RATE     | HR    | TOTAL        |
|------------------|----------|----------|-------|--------------|
| 300 Excavator    | 2        | \$175.00 | 80    | \$ 28,000.00 |
| CREW TRUCK       | 2        | \$35.00  | 80    | \$ 5,600.00  |
| DUMPTRUCK        | 2        | \$65.00  | 80    | \$ 10,400.00 |
| DEMO SAW         | 1        | \$35.00  | 19    | \$ 665.00    |
| COMPACTOR        | 1        | \$35.00  | 32    | \$ 1,120.00  |
| VAC-TRUCK        | 1        | \$185.00 | 40    | \$ 7,400.00  |
| WELLPOINT SYSTEM | 2        | \$110.00 | 80    | \$ 17,600.00 |
| BYPASS PUMPS     | 2        | \$110.00 | 80    | \$ 17,600.00 |
| STREET SAW       | 1        | \$85.00  | 20    | \$ 1,700.00  |
|                  |          |          |       | \$ -         |
|                  |          |          |       | \$ -         |
|                  |          |          |       | \$ -         |
| <b>SUBTOTAL</b>  |          |          |       | \$ 90,085.00 |
| MARKUP           |          |          | 7.50% | \$ 6,756.38  |
| <b>TOTAL</b>     |          |          |       | \$ 96,841.38 |

## MATERIALS

| DESCRIPTION               | QUANTITY | UNIT | RATE        | TOTAL        |
|---------------------------|----------|------|-------------|--------------|
| FILL DIRT/SAND            | 108      | CY   | \$6.25      | \$ 675.00    |
| LIMEROCK                  | 155      | TNS  | \$32.85     | \$ 5,091.75  |
| ASPHALT                   | 50       | TNS  | \$76.77     | \$ 3,838.50  |
| MANHOLE                   | 1        | EA   | \$16,867.79 | \$ 16,867.79 |
| INSIDE DROP MATERIALS     | 1        | EA   | \$984.40    | \$ 984.40    |
| MISC. PIPE & FERNCO CPLGS | 1        | LS   | \$974.21    | \$ 974.21    |
|                           |          |      |             |              |
| <b>SUBTOTAL</b>           |          |      |             | \$ 28,431.65 |
| MARKUP                    |          |      | 10%         | \$ 2,843.17  |
| <b>TOTAL</b>              |          |      |             | \$ 31,274.82 |

## SUBCONTRACTORS

| DESCRIPTION             | QUANTITY | UNIT | RATE       | TOTAL        |
|-------------------------|----------|------|------------|--------------|
| FLASHRITE               | 1        | LS   | \$9,202.00 | \$ 9,202.00  |
| ADRIAN TURNBAUGH CONST. | 1        | LS   | \$4,500.00 | \$ 4,500.00  |
|                         |          |      |            |              |
| <b>SUBTOTAL</b>         |          |      |            | \$ 13,702.00 |

Atlantic Development of Cocoa, Inc.

|         |
|---------|
| MARK UP |
|---------|

|  |     |             |
|--|-----|-------------|
|  | 10% | \$ 1,370.20 |
|--|-----|-------------|

**Atlantic Development of Cocoa, Inc.**

2185 West King Street ♦ Cocoa, Florida 32926

Phone (321) 639-4902 ♦ Fax (321) 632-3655

January 29, 2019

Mr. Brian Sorensen  
Brevard County Utility Services  
2725 Judge Fran Jamison Way  
Viera, FL 32940

RE: Interlachen Rd & Inverness Ave M/H Replacement

Dear Mr. Sorensen,

The estimated cost to complete the above referenced project to include the following:

- 1.) Milling & Resurfacing 800+/- SY of 1.5" SP 12.5 Asphalt
- 2.) Maintenance of Traffic
- 3.) Thermoplastic Striping

Estimated cost to complete = \$ 26,285.00

If you have any questions, please let me know.

Sincerely,



Glenn S. Grignon  
General Manager  
Cell-321-403-4896  
Ofc- 321-639-8788