



CITY COUNCIL AGENDA ITEM

REQUESTED COUNCIL MEETING DATE 2/19/08

Subject: Final Change Order No. 2 – Schuller Contractors Inc., Cambridge Drainage Improvements Phase II.

Department: Public Works.



Recommended Motion:

Staff recommends approval of final Change Order No.2 for the net deductive amount of \$27,458.84 to the contract with Schuller Contractors Inc. for the Cambridge Drainage Project, Parts D(b,c) and E, Phase 2.

Summary:

Quentin Hampton & Associates and Schuller Contractors Inc. have submitted final Change Order No. 2 for the Cambridge Drainage Project. This final change order, for the deductive amount of \$27,458.84, is the result of adjustments of contract quantities to those used in the field. The original contract amount awarded to Schuller for Phase 2, Parts D(b,c) and E of the Cambridge improvements was \$2,674,500.00. Final contract amount is \$2,835,771.16. Copies of the Change Order Form and spreadsheets with details of contract and field amounts are attached for your review.

Attachments: Ordinance Resolution Budget Resolution
 Other Support Documents/Contracts Available for Review in Manager's Office
Change Order Form (with detailed spreadsheets).


| | | |
|---|------------------------------------|----------------|
| Department Head  | Submitted | Date 1/17/2008 |
| Finance Department  | Approved as to Budget Requirements | Date 1/17/08 |
| City Attorney | Approved as to Form and Legality | Date |
| City Manager  | Approved Agenda Item For | Date 2.19.08 |

COUNCIL ACTION: Approved as Recommended Disapproved
 Tabled Indefinitely Continued to Date Certain Approved with Modification

MEMORANDUM

TO: Kenneth W. Parker
City Manager

DATE: January 17, 2008

FROM: Warren Pike 
Public Works Director

SUBJECT: Agenda Item for February 19, 2008

Please place approval of final change order to the contract with Schuller Contractors Inc., Cambridge Project, on the Council agenda for February 19th.

Commentary

Schuller Contractors Inc. are in the final stages of completing the Cambridge Drainage Improvements Project, Parts A, B and C.

Quentin Hampton Associates and Schuller are submitting the final change order, Change Order No.2, for Council approval. This final change order is for the net deductive amount of \$27,458.84 and is a result of adjustments of contract quantities to those used in the field. Attached are copies of The Change Order Form along with detailed spreadsheets of the contract quantities and actual field quantities and work performed.

The original contract amount awarded to Schuller Contractors Inc. for Parts D (b,c) and E of the Cambridge Drainage Project, Phase 2, was \$2,674,500.00. Final contract cost is \$2,835,771.16 (Change Order No. 1, additional \$188,730.00 for timber bridge; Change Order No. 2, deductive amount of \$27,458.84 for field adjustments).

Recommendation

Staff recommends approval of final Change Order No. 2 to the contract with Schuller Contractors Inc. for the Cambridge Drainage Project, Parts D(b,c) and E, Phase 2, for the net deductive amount of \$27,458.84.

CHANGE ORDER FORM

COPY

Project: City of Port Orange
 Cambridge Canal Basin Phase II Drainage Improvements
 Part D(b), (c), and E

CHANGE ORDER NO. 2-FINAL

DATE OF ISSUANCE: 1-4-08

CONTRACTOR: Schuller Contractors Inc.

EFFECTIVE DATE: _____

ENGINEER: Quentin L. Hampton Assocs., Inc.

OWNER'S CONTRACT NO.: B06-13

The following changes are hereby made to the Contract Documents:

| CHANGE IN CONTRACT PRICE: | CHANGE IN CONTRACT TIMES: |
|--|---|
| Original Contract Price \$2,674,500.00 | Original Contract Times Substantial Completion: May 28, 2007 (210 days) Ready for final payment: June 28, 2007 (240 days) |
| Net changes from previous Change Orders No. 1 \$188,730.00 | Net change from previous Change Orders No. 1 0 (zero) days |
| Contract Price prior to this Change Order \$2,863,230.00 | Contract Times prior to this Change Order Substantial Completion: May 28, 2007 (210 days) Ready for final payment: June 28, 2007 (240 days) |
| Net Increase (decrease) of this Change Order (\$27,458.84) | Net Increase (decrease) of this Change Order 120 days |
| Contract Price with all approved Change Orders \$2,835,771.16 | Contract Times with all approved Change Orders Substantial Completion: October 25, 2007 Ready for final payment: December 15, 2007 |

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CHANGES ORDERED:

I. GENERAL This change order is necessary to cover changes in the work to be performed under this Contract. The General Conditions, Supplementary Conditions, Specifications and all parts of the Project Manual listed in Article 1, Definitions, of the General Conditions apply to and govern all work under this change order.

A). To adjust contract quantities to those used in the field.

The change in price and/or delivery date described, is considered to be fair and reasonable and has been mutually agreed upon in full agreement and final settlement of all claims arising out of the modification including all claims for delays and disruptions resulting from, caused by, or incident to such modifications and change orders.

Change Order No. 2-Final

II. REQUIRED CHANGES: _____

CONTRACT PRICE: The attached list details the various added/deleted work which was required throughout the project. This resulted in changes in the contract price. See attached:

Items 1. A) see attached Payment Form

TOTAL Deduct (\$27,458.84)

CONTRACT TIME: An additional **120** days are required.

III. JUSTIFICATION: _____

CONTRACT PRICE: The attached list includes condensed justifications for each addition/deletion. Each addition/deletion was previously discussed with City staff.

CONTRACT TIME: Additional time is required.

IV. PAYMENT: Payment for such changes shall be made with the final payment to the Contractor.

V. APPROVAL AND CHANGE AUTHORIZATION: _____

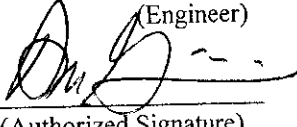
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Acknowledgments:

The aforementioned change, and work affected thereby, is subject to all provisions of the original contract not specifically changed by this Change Order; and,

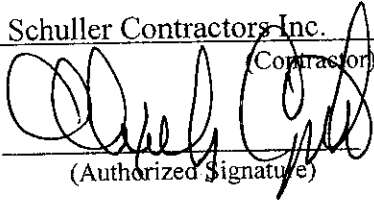
It is expressly understood and agreed that the approval of the Change Order shall have no effect on the original contract other than matters expressly provided herein.

RECOMMENDED BY:

Quentin L. Hampton Associates, Inc.
(Engineer)
By:  1/11/08
(Authorized Signature) (Date)

Andrew M. Giannini, P.E., Project Manager

ACCEPTED BY:

Schuller Contractors Inc.
(Contractor)
 1-8-08
(Authorized Signature) (Date)

Alexander Caputo, Chief Financial Officer

APPROVED BY:

(Owner)
By: _____
(Authorized Signature) (Date)

Allen Green, Mayor

(Authorized Signature) (Date)

Kenneth W. Parker, City Manager

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Project: City of Port Orange - Cambridge Canal Basin South Area Drainage Improvements
 CONTRACTOR NAME: Schuller Contractors Incorporated
 Main Office 407 885-6272 Fax 407 885-4922

schullercontractors@aol.com
 CONTRACT NO: B06-13
 PAY REQUEST NO: Final - 7
 9/22/2007 1/18/2008

CONTRACT QUANTITIES

| Item No. | Description | Quantity | Unit | Unit Price | Total Amount | WORK PERFORMED PREVIOUSLY (previous payment) | | WORK PERFORMED THIS PERIOD (current payment) | | WORK PERFORMED TO DATE (total to date) | | % Complete |
|---|---|----------|------|---------------|---------------|---|---------------|---|---------------|---|---------------|------------|
| | | | | | | Quantity | Total Amount | Quantity | Total Amount | Quantity | Total Amount | |
| D/D) | Remove Existing Culvert & Replace with Timber | | | | | | | | | | | |
| 1 | 30'x16' Timber Bridge at 5899 Trailwood Drive | 1 | LS | \$ 145,817.00 | \$ 145,817.00 | 1 | \$ 145,817.00 | | | 1 | \$ 145,817.00 | 100% |
| 2 | 30'x16' Timber Bridge at 5910 Trailwood Drive | 1 | LS | \$ 149,097.00 | \$ 149,097.00 | 1 | \$ 149,097.00 | | | 1 | \$ 149,097.00 | 100% |
| 3 | 46'x24' Timber Bridge at Trailwood Drive over | 1 | LS | \$ 232,106.00 | \$ 232,106.00 | 1 | \$ 232,106.00 | | | 1 | \$ 232,106.00 | 100% |
| 4 | 18" RCP Class III (256 shown) | 230 | LF | \$ 86.00 | \$ 19,780.00 | 48 | \$ 4,128.00 | | | 48 | \$ 4,128.00 | 20.87% |
| 5a | Type 'C' Inlet | 4 | EA | \$ 1,950.00 | \$ 7,800.00 | 1 | \$ 1,950.00 | | | 1 | \$ 1,950.00 | 25% |
| 6a | Utility Main ADU (6-inch PWM at Trailwood Bridge) | 4 | EA | \$ 1,950.00 | \$ 7,800.00 | 1 | \$ 1,950.00 | | | 1 | \$ 1,950.00 | 100% |
| 7 | Guardrail per Index 400 | 100 | LF | \$ 33.00 | \$ 3,300.00 | 0.00 | \$ - | | | 0.00 | \$ - | 0.00% |
| 8a | 6" Stabilized Sub-Base (LBR 40) | 1,360 | SY | \$ 5.00 | \$ 6,800.00 | 1355 | \$ 6,775.00 | | | 1355 | \$ 6,775.00 | 99.63% |
| 8b | 5" Limerock primed & sanded | 1,360 | SY | \$ 15.00 | \$ 20,400.00 | 1355 | \$ 20,325.00 | | | 1355 | \$ 20,325.00 | 99.63% |
| 8c | 5" Thick DOT ABC-3 (where directed by Engineer) | 500 | SY | \$ 55.00 | \$ 27,500.00 | 87 | \$ 4,785.00 | | | 87 | \$ 4,785.00 | 17.40% |
| 9a | Asphalt Type I or III incl. Tack Coat 1-1/4" | 1,360 | SY | \$ 14.00 | \$ 19,040.00 | 1832 | \$ 25,648.00 | | | 1832 | \$ 25,648.00 | 134.71% |
| 10 | Asphalt Road Removal and Repair | 70 | SY | \$ 56.00 | \$ 3,920.00 | 13 | \$ 728.00 | | | 13 | \$ 728.00 | 18.57% |
| 11 | 8" Thick Shell Pavement (where directed) | 70 | SY | \$ 52.00 | \$ 3,640.00 | 135 | \$ 7,020.00 | | | 135 | \$ 7,020.00 | 192.86% |
| 12 | Pre-Construction Video Taping | 1 | LS | \$ 3,900.00 | \$ 3,900.00 | 100% | \$ 3,900.00 | | | 100% | \$ 3,900.00 | 100% |
| 13 | Locate/Expose Existing Utilities incl sketches | 1 | LS | \$ 19,500.00 | \$ 19,500.00 | 100% | \$ 19,500.00 | | | 100% | \$ 19,500.00 | 100% |
| 14 | Traffic Control | 1 | LS | \$ 32,500.00 | \$ 32,500.00 | 100% | \$ 32,500.00 | | | 100% | \$ 32,500.00 | 100% |
| 15 | Compliance with Trench Safety Act | 1 | LS | \$ 13,000.00 | \$ 13,000.00 | 100% | \$ 13,000.00 | | | 100% | \$ 13,000.00 | 100% |
| 16 | Record Drawing Preparation | 1 | LS | \$ 19,500.00 | \$ 19,500.00 | 100% | \$ 19,500.00 | | | 100% | \$ 19,500.00 | 100% |
| 17 | Indemnification | 1 | LS | \$ 1,000.00 | \$ 1,000.00 | 100% | \$ 1,000.00 | | | 100% | \$ 1,000.00 | 100% |
| 18 | Project Administrative Items | 1 | LS | \$ 32,500.00 | \$ 32,500.00 | 100% | \$ 32,500.00 | | | 100% | \$ 32,500.00 | 100% |
| Subtotal Items D/D) - Remove Culvert & Replace w/ | | | | | \$ 768,900.00 | | \$ 728,079.00 | | \$ 728,079.00 | | \$ 728,079.00 | 94.69% |
| Miscellaneous Items - Part B | | | | | | | | | | | | |
| 1 | Spruce Creek Road - 20' x 7' x 130' Concrete Box | 1 | LS | \$ 390,000.00 | \$ 390,000.00 | 91% | \$ 354,900.00 | 9% | \$ 35,100.00 | 100% | \$ 390,000.00 | 100% |
| 2 | Westminster Drive - 30' x 7' x 87' Concrete Box | 1 | LS | \$ 325,000.00 | \$ 325,000.00 | 100% | \$ 325,000.00 | | | 100% | \$ 325,000.00 | 100% |
| 3 | Cambridge Drive - 16' x 7' x 60' Concrete Box | 1 | LS | \$ 260,000.00 | \$ 260,000.00 | 100% | \$ 260,000.00 | | | 100% | \$ 260,000.00 | 100% |
| 4a | 15" RCP Class III | 450 | LF | \$ 75.00 | \$ 33,750.00 | 72 | \$ 5,400.00 | | | 72 | \$ 5,400.00 | 32% |
| 4b | 18" RCP Class III | 130 | LF | \$ 86.00 | \$ 11,180.00 | 96 | \$ 8,256.00 | | | 96 | \$ 8,256.00 | 120% |
| 4c | 24" RCP Class III | 100 | LF | \$ 98.00 | \$ 9,900.00 | 40 | \$ 3,960.00 | | | 40 | \$ 3,960.00 | 40.00% |
| 4d | 12" x 18" RCP | 245 | LF | \$ 72.00 | \$ 17,640.00 | 36 | \$ 2,592.00 | | | 36 | \$ 2,592.00 | 38.37% |
| 5a | Type 'E' Inlet | 4 | EA | \$ 2,925.00 | \$ 11,700.00 | 2 | \$ 5,634.00 | | | 2 | \$ 5,634.00 | 100.00% |
| 5b | Type 'E' Inlet w/ Apron | 3 | EA | \$ 1,820.00 | \$ 5,460.00 | 0 | \$ - | | | 0 | \$ - | 0.00% |
| 5c | Type 'C' Inlet | 3 | EA | \$ 1,950.00 | \$ 5,850.00 | 2 | \$ 3,900.00 | | | 2 | \$ 3,900.00 | 50.00% |
| 5d | 12" x 18" MIES | 6 | EA | \$ 3,055.00 | \$ 18,330.00 | 0.00 | \$ - | | | 0.00 | \$ - | 0.00% |
| 5e | Type J Manhole (5' dia) | 1 | EA | \$ 4,117.00 | \$ 4,117.00 | 0.00 | \$ - | | | 0.00 | \$ - | 0.00% |
| 5f | Type J Manhole (6' dia) | 1 | EA | \$ 15,600.00 | \$ 15,600.00 | 100% | \$ 15,600.00 | | | 100% | \$ 15,600.00 | 100% |
| 6a | 12-inch DIP Force Main at Spruce Creek Road | 1 | LS | \$ 15,600.00 | \$ 15,600.00 | 100% | \$ 15,600.00 | | | 100% | \$ 15,600.00 | 100% |
| 6b | 12-inch PWM at Spruce Creek Road | 1 | LS | \$ 15,600.00 | \$ 15,600.00 | 100% | \$ 15,600.00 | | | 100% | \$ 15,600.00 | 100% |
| 6c | 6-inch PWM at Westminster Drive | 1 | LS | \$ 7,800.00 | \$ 7,800.00 | 100% | \$ 7,800.00 | | | 100% | \$ 7,800.00 | 100% |

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| Item No. | Description | Quantity | Unit | Unit Price | Total Amount | WORK PERFORMED PREVIOUSLY (previous payment) | | WORK PERFORMED THIS PERIOD (current payment) | | WORK PERFORMED TO DATE (total to date) | | % Complete |
|----------|--|----------|------|--------------|-----------------|---|-----------------|---|---------------|---|-----------------|------------|
| | | | | | | Quantity | Total Amount | Quantity | Total Amount | Quantity | Total Amount | |
| 6d | 6-inch PWM at Cambridge Drive | 1 | LS | \$ 7,800.00 | \$ 7,800.00 | 100% | \$ 7,800.00 | | | 100% | \$ 7,800.00 | 100% |
| 7 | Rock Riprap including Bedding Rock & Filter | 200 | SY | \$ 98.00 | \$ 19,600.00 | 191 | \$ 18,718.00 | 120 | \$ 11,760.00 | 311 | \$ 30,478.00 | 155.50% |
| 8a | 6" Stabilized Sub-Base (LBR 40) | 410 | SY | \$ 5.00 | \$ 2,050.00 | 1316 | \$ 6,580.00 | | | 1316 | \$ 6,580.00 | 320.98% |
| 8b | 6" Limerock primed & sanded | 410 | SY | \$ 14.00 | \$ 5,740.00 | 1316 | \$ 18,424.00 | | | 1316 | \$ 18,424.00 | 320.98% |
| 8c | 3" Thick DOT ABC-3 (where directed by Engineer) | 500 | SY | \$ 55.00 | \$ 27,500.00 | 121 | \$ 6,600.00 | | | 121 | \$ 6,600.00 | 2.40% |
| 9a | Asphalt Type I or III incl. Tack Coat 1-1/4" | 2,400 | SY | \$ 14.00 | \$ 33,600.00 | 1458 | \$ 20,412.00 | 350 | \$ 22,750.00 | 1458 | \$ 20,412.00 | 60.75% |
| 10 | Concrete Driveway - Remove and Replace | 100 | SY | \$ 65.00 | \$ 6,500.00 | 270 | \$ 17,550.00 | | | 270 | \$ 17,550.00 | 62.00% |
| 11 | Temp 4" TK (RAC) Recycled Asphalt Pave (Where | 100 | SY | \$ 26.00 | \$ 2,600.00 | 0.00 | \$ 0.00 | | | 0.00 | \$ 0.00 | 0.00% |
| 12 | Asphalt Road Removal and Repair | 100 | SY | \$ 39.00 | \$ 3,900.00 | 51.00 | \$ 1,989.00 | | | 51 | \$ 1,989.00 | 51% |
| 13 | Remove & Replace Conc. Sidewalk | 200 | SY | \$ 46.00 | \$ 9,200.00 | 562 | \$ 25,852.00 | | | 562 | \$ 25,852.00 | 281% |
| 14 | Remove & Replace Conc. Curb | 100 | LF | \$ 33.00 | \$ 3,300.00 | 514 | \$ 16,962.00 | | | 514 | \$ 16,962.00 | 514% |
| 15 | Swale Grading | 10,000 | SY | \$ 4.00 | \$ 40,000.00 | 605 | \$ 2,420.00 | 4,850 | \$ 19,400.00 | 5,455 | \$ 21,820.00 | 54.55% |
| 16a | Furnish and Install St Augustine Sod | 2,000 | SY | \$ 4.00 | \$ 8,000.00 | 0.00 | \$ 0.00 | 44.44 | \$ 177.76 | 44.44 | \$ 177.76 | 2.22% |
| 16b | Furnish and Install Argentine Bahia Sod | 12,000 | SY | \$ 4.00 | \$ 48,000.00 | 2341 | \$ 9,364.00 | 5,254 | \$ 21,016.00 | 7,595 | \$ 30,380.00 | 63.29% |
| 17 | Unsuitable Material Excavation / Replacement | 100 | CY | \$ 16.00 | \$ 1,600.00 | 458 | \$ 7,328.00 | | | 458 | \$ 7,328.00 | 458% |
| 18 | Rock Excavation (O.C.Y. shown on Plans) | 500 | CY | \$ 20.00 | \$ 10,000.00 | 458 | \$ 9,160.00 | | | 458 | \$ 9,160.00 | 91.60% |
| 19 | Crushed Rock or Shell Trench Subgrade | 500 | CY | \$ 26.00 | \$ 13,000.00 | 0.00 | \$ 0.00 | | | 0.00 | \$ 0.00 | 0.00% |
| 20 | Concrete Encasement | 10 | CY | \$ 780.00 | \$ 7,800.00 | 30 | \$ 23,400.00 | 7 | \$ 5,460.00 | 37 | \$ 28,860.00 | 370% |
| 21 | Private Utility Relocation Allowance | 1 | LS | \$ 20,000.00 | \$ 20,000.00 | 100% | \$ 20,000.00 | | | 100% | \$ 20,000.00 | 100% |
| 22 | Ductile Iron Fittings Add or Delete | 100 | LBS | \$ 39.00 | \$ 3,900.00 | 175 | \$ 6,825.00 | | | 175 | \$ 6,825.00 | 175% |
| 23 | Pre-Construction Video Taping | 1 | LS | \$ 6,500.00 | \$ 6,500.00 | 100% | \$ 6,500.00 | | | 100% | \$ 6,500.00 | 100% |
| 24 | Locate/Expose Existing Utilities Incl sketches | 1 | LS | \$ 6,500.00 | \$ 6,500.00 | 89% | \$ 5,785.00 | | | 89% | \$ 5,785.00 | 89% |
| 25 | Traffic Control | 1 | LS | \$ 39,000.00 | \$ 39,000.00 | 89% | \$ 34,710.00 | | | 89% | \$ 34,710.00 | 89% |
| 26 | Compliance with Trench Safety Act | 1 | LS | \$ 26,000.00 | \$ 26,000.00 | 89% | \$ 23,140.00 | | | 89% | \$ 23,140.00 | 89% |
| 27 | Record Drawing Preparation | 1 | LS | \$ 65,000.00 | \$ 65,000.00 | 89% | \$ 57,850.00 | | | 89% | \$ 57,850.00 | 89% |
| 28 | Record Drawing Preparation | 1 | LS | \$ 1,000.00 | \$ 1,000.00 | 100% | \$ 1,000.00 | | | 100% | \$ 1,000.00 | 100% |
| 29 | Project Administrative Items | 1 | LS | \$ 44,223.00 | \$ 44,223.00 | 89% | \$ 39,358.47 | | | 89% | \$ 39,358.47 | 89% |
| | RFI Changes | | | | | 0.00 | \$ 0.00 | | | 0.00 | \$ 0.00 | 0.00% |
| | Subtotal Items D (c) Remove and Replace Existing | | | | \$ 1,598,900.00 | | \$ 1,405,739.47 | | \$ 153,984.29 | | \$ 1,559,713.76 | 98% |

| Part E | | | | | | | | | | | | |
|-------------------|---|----------|------|--------------|---------------|----------|--------------|----------|--------------|----------|---------------|------------|
| Drainage - Part E | | | | | | | | | | | | |
| Item No. | Description | Quantity | Unit | Unit Price | Total Amount | Quantity | Total Amount | Quantity | Total Amount | Quantity | Total Amount | % Complete |
| 1 | Clearing and Grubbing Incl Erosion and Turbidity C | 1 | LS | \$ 30,923.00 | \$ 30,923.00 | 100% | \$ 30,923.00 | | | 100% | \$ 30,923.00 | 100.00% |
| 2 | Excavation and Grading | 1 | LS | \$ 52,000.00 | \$ 52,000.00 | 30% | \$ 15,600.00 | 70% | \$ 36,400.00 | 100% | \$ 52,000.00 | 100.00% |
| 3a | 18" RCP Class III | 50 | LF | \$ 99.00 | \$ 4,950.00 | 32.00 | \$ 3,168.00 | 24 | \$ 2,376.00 | 56 | \$ 5,544.00 | 112.00% |
| 4a | 1" Type 'E' Inlet w/ conc. Apron | 2 | EA | \$ 2,925.00 | \$ 5,850.00 | 0.00 | \$ 0.00 | | | 0.00 | \$ 0.00 | 0.00% |
| 4b | 5' dia Type J Manhole | 3 | EA | \$ 3,055.00 | \$ 9,165.00 | 1 | \$ 3,055.00 | 1 | \$ 3,055.00 | 2 | \$ 6,110.00 | 66.67% |
| 4c | Control Structure Type 'E' w/skimmer, orifice and s | 1 | EA | \$ 11,375.00 | \$ 11,375.00 | 100% | \$ 11,375.00 | | | 100% | \$ 11,375.00 | 100% |
| 4d | 18" MES | 1 | EA | \$ 2,167.00 | \$ 2,167.00 | 50% | \$ 1,083.50 | 1.50 | \$ 3,250.50 | 2 | \$ 4,334.00 | 200% |
| 5 | Tile into existing Storm Structures | 1 | LS | \$ 9,750.00 | \$ 9,750.00 | 100% | \$ 9,750.00 | | | 100% | \$ 9,750.00 | 100% |
| | Subtotal Items E Drainage | | | | \$ 126,180.00 | | \$ 74,954.50 | | \$ 45,081.50 | | \$ 120,036.00 | 95.13% |

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CONTRACT QUANTITIES

| Item No. | Description | Quantity | Unit | Unit Price | Total Amount | WORK PERFORMED PREVIOUSLY | | WORK PERFORMED THIS PERIOD | | WORK PERFORMED TO DATE | | |
|----------|--|----------|-------|---------------|---------------|---------------------------|---------------|----------------------------|--------------|------------------------|---------------|------------|
| | | | | | | Quantity | Total Amount | Quantity | Total Amount | Quantity | Total Amount | % Complete |
| F | Paving & Restoration - Part E | | | | | | | | | | | |
| 1 | Swale Grading | 100 | LF | \$ 13.00 | \$ 1,300.00 | 646 | \$ 8,398.00 | 88 | \$ 1,144.00 | 734 | \$ 9,542.00 | 734.00% |
| 2a | Remove and Replace conc. Sidewalk (4" Thick) | 350 | SY | \$ 32.00 | \$ 11,200.00 | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| 2b | Remove and Replace conc. Sidewalk (6" Thick) | 10 | SY | \$ 34.00 | \$ 340.00 | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| 3a | Furnish & Install St. Augustine Sod | 1,600 | SY | \$ 4.00 | \$ 6,400.00 | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| 3b | Furnish & Install Argentine Bahia Sod | 10,000 | SY | \$ 4.00 | \$ 40,000.00 | 3194 | \$ 12,776.00 | 5,244 | \$ 20,976.00 | 8438 | \$ 33,752.00 | 84.38% |
| 4 | Unsuitable Material Excavation / Replacement | 100 | CY | \$ 16.00 | \$ 1,600.00 | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| 5 | Rock Excavation (0' C.Y. shown on plans) | 100 | CY | \$ 20.00 | \$ 2,000.00 | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| 6 | Crushed Rock or Shell Trench Subgrade | 100 | CY | \$ 26.00 | \$ 2,600.00 | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| 7 | Concrete Encasement | 50 | CY | \$ 780.00 | \$ 39,000.00 | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| 8 | Private Utility Relocation Allowance | 1 | LS | \$ 5,000.00 | \$ 5,000.00 | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| 9 | 4" Thick Temporary Recycled Asphalt Pavement | 10 | SY | \$ 26.00 | \$ 260.00 | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| 10 | Remove and Replace Concrete Curb | 40 | LF | \$ 23.00 | \$ 920.00 | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| G | Miscellaneous Items - Part E | | | | | | | | | | | |
| 1 | Pre-Construction Video Taping | 1 | LS | \$ 2,600.00 | \$ 2,600.00 | 100% | \$ 2,600.00 | | \$ - | 100% | \$ 2,600.00 | 100% |
| 2 | Locate/Expose Existing Utilities incl sketches | 1 | LS | \$ 6,500.00 | \$ 6,500.00 | 72% | \$ 4,680.00 | 28% | \$ 1,820.00 | 100% | \$ 6,500.00 | 100% |
| 3 | Traffic Control | 1 | LS | \$ 6,500.00 | \$ 6,500.00 | 72% | \$ 4,680.00 | 28% | \$ 1,820.00 | 100% | \$ 6,500.00 | 100% |
| 4 | Compliance with Trench Safety Act | 1 | LS | \$ 1,300.00 | \$ 1,300.00 | 72% | \$ 936.00 | 28% | \$ 364.00 | 100% | \$ 1,300.00 | 100% |
| 5 | Record Drawing Preparation | 1 | LS | \$ 19,500.00 | \$ 19,500.00 | 72% | \$ 14,040.00 | 28% | \$ 5,460.00 | 100% | \$ 19,500.00 | 100% |
| 6 | Project Administrative Items | 1 | LS | \$ 32,500.00 | \$ 32,500.00 | 72% | \$ 23,400.00 | 28% | \$ 9,100.00 | 100% | \$ 32,500.00 | 100% |
| 7 | Indemnification | 1 | LS | \$ 1,000.00 | \$ 1,000.00 | 100% | \$ 1,000.00 | | \$ - | 100% | \$ 1,000.00 | 100% |
| | RFI Changes | | | | | | | | | | | |
| | Subtotal Items G Miscellaneous Items | | | | \$ 69,900.00 | | \$ 51,336.00 | | \$ 18,564.00 | | \$ 69,900.00 | 100.00% |
| H | Part K Change Orders and Corrections | | | | | | | | | | | |
| CO # 1 | 170 SY Asphalt Driveway @ \$34 per SY | (170) | SY | \$ 34.00 | \$ (5,780.00) | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| delete | 100 LF 18" RCP @ \$86 per LF | (100) | LF | \$ 86.00 | \$ (8,600.00) | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| delete | 40 SY Remove and Replace Asphalt x \$56 per SY | (40) | SY | \$ 56.00 | \$ (2,240.00) | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| delete | 70 LF Guardrail x \$33 per LF | (70) | LF | \$ 33.00 | \$ (2,310.00) | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| add | Clearing and Grubbing @ Bridge #4 | 1 | LS | \$ 8,673.00 | \$ 8,673.00 | 1 | \$ 8,673.00 | | \$ - | 1 | \$ 8,673.00 | 100.00% |
| add | 225 SY Asphalt Driveway @ \$34 per SY | 225 | SY | \$ 34.00 | \$ 7,650.00 | 224 | \$ 7,616.00 | | \$ - | 224 | \$ 7,616.00 | 99.56% |
| add | 30 LF 18" RCP @ \$86 per LF | 30 | LF | \$ 86.00 | \$ 2,580.00 | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| add | 30 LF Guardrail @ \$33 per LF | 30 | LF | \$ 33.00 | \$ 990.00 | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| add | Timber bridge (16 x 40') | 1 | LS | \$ 145,817.00 | \$ 145,817.00 | 1 | \$ 145,817.00 | | \$ - | 1 | \$ 145,817.00 | 100.00% |
| add | Sod Bahia 6,000 SY @ \$4 per SY | 6,000 | SY | \$ 4.00 | \$ 24,000.00 | 4980 | \$ 19,920.00 | | \$ - | 4980 | \$ 19,920.00 | 83.00% |
| add | Surveying and Layout | 1 | LS | \$ 1,950.00 | \$ 1,950.00 | 100% | \$ 1,950.00 | | \$ - | 100% | \$ 1,950.00 | 100.00% |
| add | Remob | 1 | LS | \$ 16,000.00 | \$ 16,000.00 | 0.00 | \$ - | | \$ - | 0.00 | \$ - | 0.00% |
| | Total Change Order #1 | | | | \$ 188,730.00 | | \$ 183,976.00 | | \$ - | | \$ 183,976.00 | 97.48% |
| | Additional Work Requested by QI/HICOB | | | | | | | | | | | |
| A1 | 18 Inch Headwall use Dia) Cost RFI #5, part D(B) | 1 | EA | \$ 3,900.00 | \$ 3,900.00 | 1 | \$ 3,900.00 | | \$ - | 1 | \$ 3,900.00 | 100% |
| A2 | Concrete paving @ Bridge #3, Trailwood | 22 | Cu/Yd | \$ 500.00 | \$ 11,000.00 | 22 | \$ 11,000.00 | | \$ - | 22 | \$ 11,000.00 | 100% |
| A3 | Water Line Change @ Bridge #3, across bridge #3. | 1 | LS | \$ 9,586.00 | \$ 9,586.00 | 1 | \$ 9,586.00 | | \$ - | 1 | \$ 9,586.00 | 100% |
| A4 | 1 inch water service @ bridges 1 & 2 | 1 | LS | \$ 980.00 | \$ 980.00 | 1 | \$ 980.00 | | \$ - | 1 | \$ 980.00 | 100% |
| A5 | 1 inch water service @ bridge #4 | 1 | LS | \$ 980.00 | \$ 980.00 | 1 | \$ 980.00 | | \$ - | 1 | \$ 980.00 | 100% |
| add | Use 18 inch RCP in Lieu of 24 inch RCP, RFI #3 | 8 | LF | \$ 86.00 | \$ 688.00 | 0.00 | \$ - | | \$ - | 0% | \$ - | 0.00% |
| add | Use 18 inch MLE in Lieu of Headwall, RFI #4 | 2 | EA | \$ 2,167.00 | \$ 4,334.00 | 0.00 | \$ - | | \$ - | 0% | \$ - | 0.00% |

COPY

| Item No. | Description | Quantity | Unit | Unit Price | Total Amount | WORK PERFORMED PREVIOUSLY | | WORK PERFORMED THIS PERIOD | | WORK PERFORMED TO DATE | | |
|----------|---|----------|------|--------------|-----------------|---------------------------|-----------------|----------------------------|---------------|------------------------|-----------------|----------|
| | | | | | | Quantity | Total Amount | Quantity | Total Amount | Quantity | Total Amount | Quantity |
| A6 | MIE @ Drive way 5888 Trailwood | 2 | EA | \$ 2,167.00 | \$ 4,334.00 | 2 | \$ 4,334.00 | | | 2 | \$ 4,334.00 | 100% |
| A6 | Concrete driveway 5888 Trailwood | 35 | SY | \$ 65.00 | \$ 2,275.00 | 35 | \$ 2,275.00 | | | 35 | \$ 2,275.00 | 100% |
| add | Asphalt removal 5898 Trailwood | 178 | SY | \$ 11.50 | \$ 2,047.00 | 178 | \$ 2,047.00 | | | 178 | \$ 2,047.00 | 100% |
| add | STAugustine Ward bridge & 5898 @ Bridge | 318 | SY | \$ 4.00 | \$ 1,272.00 | 318 | \$ 1,272.00 | | | 318 | \$ 1,272.00 | 100% |
| add | Wood Guard Rail Enviro C.O. # 5 | 1 | LS | \$ 18,447.48 | \$ 18,447.48 | 1.00 | \$ 18,447.48 | | | 1.00 | \$ 18,447.48 | 100% |
| add | 6 inch Force Main | 1 | LS | \$ 7,800.00 | \$ 7,800.00 | 100% | \$ 7,800.00 | | | 100% | \$ 7,800.00 | 100% |
| add | 2 1/2 inch valves, | 1 | LS | \$ 5,000.00 | \$ 5,000.00 | 100% | \$ 5,000.00 | | | 100% | \$ 5,000.00 | 100% |
| add | 12 water valve, | 1 | LS | \$ 2,500.00 | \$ 2,500.00 | 1 | \$ 2,500.00 | | | 1 | \$ 2,500.00 | 100% |
| add | MIE @ Cambridge install 2. pay for one | 1 | EA | \$ 2,167.00 | \$ 2,167.00 | 1 | \$ 2,167.00 | | | 1 | \$ 2,167.00 | 100% |
| add | install fire hydrant pipe etc Westminster | 1 | LS | \$ 7,727.00 | \$ 7,727.00 | 100% | \$ 7,727.00 | | | 100% | \$ 7,727.00 | 100% |
| add | Material to city 4 structures & pipe | 1 | LS | \$ 8,352.00 | \$ 8,352.00 | 100% | \$ 8,352.00 | | | 100% | \$ 8,352.00 | 100% |
| add | Add hand rails @ Box Culverts | 56 | LF | \$ 59.60 | \$ 3,337.60 | 22 | \$ 1,311.20 | 50 | \$ 2,980.00 | 72 | \$ 4,291.20 | 129% |
| add | 1/2 inch water line, Spruce Creek Rd. | 1 | LS | \$ 10,388.00 | \$ 10,388.00 | 100% | \$ 10,388.00 | | | 100% | \$ 10,388.00 | 100% |
| add | Hydrant T & 6 inch valve with accessories S,C | 1 | LS | \$ 900.00 | \$ 900.00 | 100% | \$ 900.00 | | | 100% | \$ 900.00 | 100% |
| add | 8 foot extension Spruce Creek vinyl wing wall | 8 | LF | \$ 175.00 | \$ 1,400.00 | 8 | \$ 1,400.00 | | | 8 | \$ 1,400.00 | 100% |
| add | Concrete Cap for Vinyl wing wall C.O. # 4 | 1 | LS | \$ 5,117.69 | \$ 5,117.69 | 1 | \$ 5,117.69 | | | 1 | \$ 5,117.69 | 100% |
| add | 50 Ft. water service Spruce Creek | 1 | LS | \$ 1,040.00 | \$ 1,040.00 | 1 | \$ 1,040.00 | | | 1 | \$ 1,040.00 | 100% |
| add | S-15 & S-16 Raise E inlets as directed C.O. # 7 | 1 | LS | \$ 1,701.71 | \$ 1,701.71 | 1 | \$ 1,701.71 | | | 1 | \$ 1,701.71 | 100% |
| add | 12 inch PVC @ vinyl wall & MES C.O. # 8 | 1 | LS | \$ 1,880.23 | \$ 1,880.23 | 1 | \$ 1,880.23 | | | 1 | \$ 1,880.23 | 100% |
| add | Concrete Demo 5 ft. walls and footer S/C | 1 | LS | \$ 2,500.00 | \$ 2,500.00 | 0.00 | \$ - | 1 | \$ 2,500.00 | 100% | \$ 2,500.00 | 100.00% |
| add | 12X18 inch RCP 168' & 4 MES CO # 9 Schuller | 1 | LS | \$ 5,478.39 | \$ 5,478.39 | 0.00 | \$ - | 36 | \$ 4,680.00 | 36 | \$ 4,680.00 | 100% |
| add | 48 inch storm pipe @ Spruce Creek | 36 | LF | \$ 130.00 | \$ 4,680.00 | 0.00 | \$ - | 1 | \$ 400.00 | 1 | \$ 400.00 | 100% |
| add | tree removal warren approved 10/27/07 | 1 | LS | \$ 400.00 | \$ 400.00 | | \$ - | 1 | \$ 400.00 | 1 | \$ 400.00 | 100% |
| add | Back Flow for Port Orange | 1 | LS | \$ 1,627.70 | \$ 1,627.70 | | \$ - | 1 | \$ 1,627.70 | 1 | \$ 1,627.70 | 100% |
| | Total Additional Work, Not in C.O. #1 | | | | \$ 134,840.80 | | \$ 114,606.31 | | \$ 16,166.09 | | \$ 130,772.40 | 96.98% |
| | Subtotal Change Order/Additional Work Req. | | | | \$ 323,570.80 | | \$ 298,582.31 | | \$ 16,166.09 | | \$ 314,748.40 | 97.27% |
| | Total SRF Fundable Portion - Part E | | | | \$ 306,700.00 | | \$ 147,464.50 | | \$ 85,765.50 | | \$ 233,230.00 | 94.69% |
| | Total SRF Fundable Portion - Part D(b) | | | | \$ 768,900.00 | | \$ 728,079.00 | | \$ 153,984.29 | | \$ 882,063.29 | 97.55% |
| | Total SRF Fundable Portion - Part D(c) | | | | \$ 1,598,900.00 | | \$ 1,405,799.47 | | \$ 239,749.79 | | \$ 1,645,549.26 | 94.26% |
| | Total SRF Fundable Portion | | | | \$ 2,674,500.00 | | \$ 2,281,212.97 | | \$ 16,166.09 | | \$ 2,335,711.16 | 94.59% |
| | Part K Change Orders and Corrections | | | | \$ 323,570.80 | | \$ 2,519,855.28 | | | | | |
| | Contract Total after Change Orders | | | | \$ 2,998,070.80 | | | | | | | |
| | TOTAL OF COST COLUMNS: | | | | | | | | | | | |

added