



BoardDocs Cover Page

(Due to final Cabinet-level approval on Monday at noon, 2+ weeks prior to BOE meeting date)

| | | | |
|--|---|---|--|
| Meeting Date: | May 10, 2017 | | |
| Agenda Session: (Category) | <input type="checkbox"/> Closed <input type="checkbox"/> Public Hearing | <input type="checkbox"/> Regular (Information, Reports, System Recognitions) <input checked="" type="checkbox"/> Work Session (Bids, former F&F items) | |
| Title (Subject): | RFP 17MISC10, Construction Management Inspection and Testing Services | | |
| Access: | <input type="checkbox"/> Private | <input checked="" type="checkbox"/> Public | |
| Type: | <input checked="" type="checkbox"/> Action (e.g., bids) <input type="checkbox"/> Action/Consent (e.g., staffing, grants over \$25k) <input type="checkbox"/> Discussion | <input type="checkbox"/> Information (e.g., grants under \$25k) <input type="checkbox"/> Report | |
| Aspirational Goals: (May select multiple) | <input type="checkbox"/> 1-Student Achievement <input type="checkbox"/> 2-Effective and Engaged Staff <input checked="" type="checkbox"/> 3-Resource Allocation | <input type="checkbox"/> 4-Family and Community Involvement <input type="checkbox"/> 5-Health and Safety | |
| Recommended Action: | Board approval of RFP 17MISC10, Construction Management Inspection and Testing Services | | |
| Backup Documents: | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If yes, how many? <u>1</u> Submitted: <input checked="" type="checkbox"/> Herewith <input type="checkbox"/> Later <input type="checkbox"/> Both Is one a PowerPoint (PPT): <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Comment: _____ Immediately following receipt of an email confirmation that this item has been approved by the Superintendent, the person posting this agenda topic to BoardDocs is responsible for emailing the approved PPT to tim.dean@fcps.org. | | |

PURPOSE OF PRESENTATION: Staff has reviewed the attached contract and recommends approval by the Board of Education of Frederick County.

BACKGROUND/SUMMARY: This recommendation is to qualify and select inspection/testing firm(s) that will provide quality assurance testing services on an as needed basis. Testing and inspection services may be used for new construction, renovation, maintenance repairs and replacement projects.

PRESENTER(S) & TITLE(S):

Kim Miskell, Assistant Purchasing Manager

Tony Ray, Construction Management, Project Manager III

SUBMITTED BY:

Stephen P. Starmer, C.P.M., CSBA, Purchasing Manager

Leslie R. Pellegrino, Chief Financial Officer

RFP 17MISC10
CONSTRUCTION MANAGEMENT INSPECTION AND TESTING SERVICES

FACT SHEET

A. **Overview:** This recommendation is to establish a contract with inspection and testing firm(s) to provide quality assurance testing services on construction activities. Testing and inspection may be used for new construction, renovation, and maintenance repair and replacement projects. Proposals were opened on April 19, 2017.

1. **Proposal participation:**

63 proposals downloaded
5 companies submitted proposals

2. **Proposals were received from:**

ECS Mid-Atlantic (Frederick, MD)
Froehling & Robertson, Inc. (Cockeysville, MD)
Hillis-Carnes Engineering Associates, Inc. (Frederick, MD)
Layan Consultants, LLC (Tysons, VA)
MCE Corp. (Rockville, MD)

3. **Other Facts:**

- The initial contract will be effective from the date of award through April 30, 2020, with three additional one-year renewal options available.
- This is an open requirement type contract. Frederick County Public Schools makes no commitment to a specific number of assignments or value of work. No guarantee of any work is expressed or implied.
- Selection was based on a total score of each vendors technical and price proposals.
- The contract will be administered by Tony Ray, Construction Management, Project Manager III.

4. **Source of Funding:** FY17 Approved Capital Improvement Projects Budget and contingent upon FY18, FY19, and FY20 Capital Improvement Projects Budget Board approval.

B. **Recommendation:** Staff recommends that contracts be awarded to ECS Mid-Atlantic of Frederick, MD and Hillis Carnes Engineering Associates, Inc. of Frederick, MD, per the attached tabulation.

C. **Action taken by the Board (Purchasing use only):**

| | | | | |
|-------------------------------|--------------|----------------|-------------|-----------------------|
| ^{AB} _____ Approved | _____ Denied | _____ Deferred | _____ Other | KM/ab |
| ^{5.10.17} _____ Date | _____ Date | _____ Date | _____ Date | BOE Meeting: 05.10.17 |

RFP 17MISC10, CONSTRUCTION MANAGEMENT INSPECTION AND TESTING SERVICES

SCORING SUMMARY

| Company Name | Technical Proposal 60 points | Fee Proposal 40 points | Total Score |
|----------------------------|---------------------------------|---------------------------|-------------|
| Hillis-Carnes | 58 | 40 | 98 |
| ECS Mid-Atlantic | 58 | 40 | 98 |
| Meyer Consulting Engineers | 45 | 45 | 90 |
| Froehling & Robertson | 51 | 36 | 87 |
| Layan Consultants | 35 | 12 | 47 |

KM/ab
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RFP 17MISC10, CONSTRUCTION MANAGEMENT INSPECTION AND TESTING SERVICES

BID TABULATION

| Testing Services | Qty | ECS Mid-Atlantic | Froehling & Robertson | Hillis-Carnes | Layan Consultants | MCE Corp. |
|--|---------------|-------------------------|----------------------------------|----------------------|--------------------------|------------------|
| D 698 Proctor T 99 | Each | \$ 78.00 | \$ 115.00 | \$ 75.00 | \$ 180.00 | \$ 80.00 |
| D1557 Proctor T180 | Each | \$ 98.00 | \$ 115.00 | \$ 75.00 | \$ 225.00 | \$ 100.00 |
| D422 Soil Particle Size | Each | \$ 45.00 | \$ 150.00 | \$ 45.00 | \$ 120.00 | \$ 10.00 |
| D4318 Liquid, Plastic Limits & Plastic Index | Each | \$ 45.00 | \$ 55.00 | \$ 45.00 | \$ 160.00 | \$ 10.00 |
| D854 Specific Gravity T-100 | Each | \$ 30.00 | \$ 60.00 | \$ 20.00 | \$ 300.00 | \$ 10.00 |
| California Bearing Ratio E 1883 | Each | \$ 190.00 | \$ 185.00 | \$ 180.00 | \$ 525.00 | \$ 50.00 |
| Prism - CMU or Brick ASTM C1388 | Each | \$ 75.00 | \$ 150.00 | \$ 50.00 | \$ 320.00 | \$ 50.00 |
| PH (Topsoil Testing) ASTM D5268 | Each | \$ 75.00 | \$ 20.00 | \$ 10.00 | \$ 220.00 | \$ 50.00 |
| Water Testing (Chlorine Final Health Approval) | Each | \$ 90.00 | \$ 90.00 | \$ 75.00 | \$ 713.00 | \$ 100.00 |
| Mortar Cubes | Each | \$ 12.00 | \$ 11.00 | \$ 10.00 | \$ 45.00 | \$ 5.00 |
| Cure, Laboratory | Each Cylinder | N/A | \$ 10.50 | N/C | \$ 33.00 | \$ 9.00 |
| Cylinders, Break | Each Cylinder | \$ 9.50 | \$ 10.50 | \$ 10.00 | \$ 33.00 | \$ 9.00 |
| Cylinder, Disposal | Each Cylinder | N/A | \$ - | N/C | \$ 33.00 | \$ 1.00 |
| Cylinder Test for Field Cured Samples | Each Cylinder | N/A | \$ 10.50 | N/C | \$ 110.00 | \$ 9.00 |
| Cylinder Test Cost for Lab Cured Samples | Each Cylinder | N/A | \$ 10.50 | N/C | \$ 180.00 | \$ 9.00 |

| Inspection Services | | Straight Time | Overtime | Straight Time | Overtime | Straight Time | Overtime | Straight Time | Overtime | Straight Time | Overtime |
|--|--------------|----------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-----------------|
| Density, Sand Cone, or One Point Testing | Hourly Rate | \$ 28.00 | \$ 36.00 | \$ 32.00 | \$ 41.00 | \$ 25.50 | \$ 34.00 | \$ 85.00 | \$ 127.00 | \$25.00/hour | \$ 60.00 |
| Project Manager | Hourly Rate | \$ 62.00 | N/A | \$ 80.00 | \$ 80.00 | \$ 60.00 | \$ 40.00 | \$ 210.00 | \$ 315.00 | \$75.00/hour | \$ 100.00 |
| Engineer | Hourly Rate | \$ 90.00 | N/A | \$ 100.00 | \$ 100.00 | \$ 90.00 | \$ 75.00 | \$ 240.00 | \$ 360.00 | \$120.00/hour | \$ 120.00 |
| Bio-Retention Pond Testing | Hourly Rate | \$ 27.00 | \$ 35.00 | \$ 32.00 | \$ 41.00 | \$ 25.50 | \$ 34.00 | \$ 80.00 | \$ 120.00 | \$25.00/hour | \$ 60.00 |
| Concrete, Slump, Cylinders, Air Entrainment | Hourly Rate | \$ 27.00 | \$ 35.00 | \$ 32.00 | \$ 41.00 | \$ 25.50 | \$ 34.00 | \$ 80.00 | \$ 120.00 | \$25.00/hour | \$ 60.00 |
| Bearing, Drop Hammer | Hourly Rate | \$ 27.00 | \$ 35.00 | \$ 32.00 | \$ 41.00 | \$ 25.50 | \$ 34.00 | \$ 83.00 | \$ 124.00 | \$25.00/hour | \$ 60.00 |
| Structural Steel Inspection | Hourly Rate | \$ 55.00 | \$ 65.00 | \$ 70.00 | \$ 90.00 | \$ 45.00 | \$ 45.00 | \$ 200.00 | \$ 300.00 | \$50.00/hour | \$ 100.00 |
| Pick Up Test Cylinders (no other inspections for FCPS) | Hourly Rate | \$ 28.00 | N/A | \$ 32.00 | \$ 41.00 | \$ 25.50 | \$ 34.00 | \$ 338.00 | \$ 506.00 | \$15.00/hour | \$ 15.00 |
| Rebar Replacement (without concrete testing) | Hourly Rate | \$ 27.00 | \$ 35.00 | \$ 32.00 | \$ 41.00 | \$ 25.50 | \$ 34.00 | \$ 80.00 | \$ 120.00 | \$25.00/hour | \$ 60.00 |
| Asphalt Compaction | Hourly Rate | \$ 27.00 | \$ 35.00 | \$ 32.00 | \$ 41.00 | \$ 25.50 | \$ 34.00 | \$ 100.00 | \$ 150.00 | \$25.00/hour | \$ 60.00 |
| Fire Safeing | Hourly Rate | \$ 60.00 | \$ 70.00 | \$ 45.00 | \$ 50.00 | \$ 25.50 | \$ 34.00 | \$ 145.00 | \$ 217.00 | \$25.00/hour | \$ 60.00 |
| Proof Rolling | Hourly Rate | \$ 27.00 | \$ 35.00 | \$ 32.00 | \$ 41.00 | \$ 25.50 | \$ 34.00 | \$ 110.00 | \$ 165.00 | \$25.00/hour | \$ 60.00 |
| Ultrasonic Testing | Flat 4 Hours | \$ 300.00 | N/A | \$ 350.00 | N/A | \$ 195.00 | N/A | \$ 1,100.00 | \$ 1,650.00 | \$ 200.00 | \$ - |
| Core Boring (4 hour shift) | Flat 4 Hours | \$ 160.00 | N/A | \$ 375.00 | N/A | \$ 200.00 | N/A | \$ 2,000.00 | \$ 3,000.00 | \$ 400.00 | \$ - |
| Core Boring (each hour above 4) | Hourly Rate | \$ 40.00 | N/A | \$ 93.75 | \$ 93.75 | \$ 50.00 | \$ 50.00 | \$ 550.00 | \$ 825.00 | \$ 100.00 | \$ - |
| Inspection Services Not Listed Above | Hourly Rate | \$ 33.00 | \$ 41.00 | \$ 70.00 | \$ 70.00 | \$ - | \$ - | \$ 700.00 | \$ 1,050.00 | \$35.00/hour | \$ 60.00 |

*Straight Time, Up to 40 hours per week employed by FCPS

*Overtime, In excess of 40 hours per week employed by FCPS

KM:ab
BOE Mtg.: 05.10.17