



ITB # 11-12-030 Inspection & Testing Laboratory Services

October 4, 2012 @ 2:00PM

This is only a tabulation of prices submitted and is not an indication of award or responsiveness.

| ITEM # | DESCRIPTION | UNIT | Qty. | Vertical V Southeast | | Nutting Engineers | | Radise International | | Wingter Laboratories | | GFA | |
|--------|---|-------------------|------|----------------------|----------------|-------------------|----------------|----------------------|----------------|----------------------|----------------|------------|----------------|
| | | | | Unit Price | Extended Price | Unit Price | Extended Price | Unit Price | Extended Price | Unit Price | Extended Price | Unit Price | Extended Price |
| | GROUP I | | | | | | | | | | | | |
| 1 | ASPHALT CONCRETE | | | | | | | | | | | | |
| | (All prices are to include necessary engineering analysis, Travel, Mileage, Delivery, Certified Report and Samples and Cylinder Pick-Up.) | | | | | | | | | | | | |
| A. | Asphalt Paving Design Mix Marshall Method (Includes Sampling, Standard Design and Applicable Marshall Procedures) per Asphalt Institute Manual Series No. 2 | Per Mix | 1 | \$790.00 | \$790.00 | \$813.70 | \$813.70 | \$600.00 | \$600.00 | \$650.00 | \$650.00 | \$800.00 | \$800.00 |
| B. | Analysis of Special Design Mix | Per Mix | 1 | \$640.00 | \$640.00 | \$659.20 | \$659.20 | \$450.00 | \$450.00 | \$325.00 | \$325.00 | \$700.00 | \$700.00 |
| C. | Marshall Properties (FDOT Procedures) | Per Set | 1 | No bid | | No bid | | \$250.00 | \$250.00 | \$125.00 | \$125.00 | No bid | |
| | 1C.1 Stability per ASTM D-1559 or AASHTO D-T 245 (3 Specimen per Set) | Per Set | 1 | \$122.00 | \$122.00 | \$125.66 | \$125.66 | \$55.00 | \$55.00 | \$125.00 | \$125.00 | \$100.00 | \$100.00 |
| | 1C.2 Flow per ASTM - 1559 or AASHTO D-T 245 (Set of 3 Specimen) | Per Set | 1 | \$112.00 | \$112.00 | \$115.36 | \$115.36 | \$55.00 | \$55.00 | \$125.00 | \$125.00 | \$100.00 | \$100.00 |
| | 1C.3 Density per ASTM D-2726 (Set of 3 Specimen) | Per Set | 1 | \$115.00 | \$115.00 | \$118.45 | \$118.45 | \$34.00 | \$34.00 | \$100.00 | \$100.00 | \$100.00 | \$100.00 |
| | 1C.4 Air Voids per ASTM- 3203 (Set of 3 Specimen) | Per Set | 1 | \$112.00 | \$112.00 | \$115.36 | \$115.36 | \$125.00 | \$125.00 | \$150.00 | \$150.00 | \$100.00 | \$100.00 |
| | 1C.5 Maximum Density per ASTM D-2041 | Per Set | 1 | \$74.00 | \$74.00 | \$76.22 | \$76.22 | \$75.00 | \$75.00 | \$75.00 | \$75.00 | \$75.00 | \$75.00 |
| | 1C.6 Particle Coating per ASTM D-2489 | Per Sample | 1 | \$126.00 | \$126.00 | \$129.78 | \$129.78 | \$150.00 | \$150.00 | \$125.00 | \$125.00 | \$150.00 | \$150.00 |
| | 1C.7 Sampling/Prep. Per ASTM D-1559 / D-2726 | Per Sample | 1 | \$77.00 | \$77.00 | \$79.31 | \$79.31 | \$150.00 | \$150.00 | \$75.00 | \$75.00 | \$150.00 | \$150.00 |
| | 1C.8 Bulk Specific Gravity of Drilled Core per ASTM D-2726 | Per Core | 1 | \$54.00 | \$54.00 | \$55.62 | \$55.62 | \$45.00 | \$45.00 | \$35.00 | \$35.00 | \$25.00 | \$25.00 |
| | 1C.9 Moisture Content - Drying per ASTM C-566 | Per Sample | 1 | \$55.00 | \$55.00 | \$56.65 | \$56.65 | \$30.00 | \$30.00 | \$35.00 | \$35.00 | \$25.00 | \$25.00 |
| | 1C.10 Moisture Content - Distillation per ASTM D-1461 | Per Sample | 1 | \$130.00 | \$130.00 | \$133.90 | \$133.90 | \$30.00 | \$30.00 | \$35.00 | \$35.00 | \$125.00 | \$125.00 |
| | 1C.11 Asphaltic Specific Gravity / Absorption of Aggregate Blends | Per Aggr. Sample. | 1 | \$100.00 | \$100.00 | \$103.00 | \$103.00 | \$80.00 | \$80.00 | \$75.00 | \$75.00 | \$100.00 | \$100.00 |
| | 1C.12 Sampling Hot Mix at Manufacturer Per ASTM D-979 | Per Sample | 1 | \$60.00 | \$60.00 | \$60.00 | \$60.00 | \$65.00 | \$65.00 | \$60.00 | \$60.00 | \$55.00 | \$55.00 |
| | 1C.13 Effect of Water on Hot Mix per ASTM D-1075 (Set of 6 Samples) | Per Set | 1 | \$126.00 | \$126.00 | \$129.78 | \$129.78 | \$300.00 | \$300.00 | \$225.00 | \$225.00 | \$250.00 | \$250.00 |
| | 1C.14 Washed Sieve Analysis | Per Sample | 1 | \$64.00 | \$64.00 | \$65.92 | \$65.92 | \$60.00 | \$60.00 | \$55.00 | \$55.00 | \$45.00 | \$45.00 |
| | 1C.15 Test method for coating and stripping of bitumen aggregate mixes AASHTO T-182 | Per Sample | 1 | \$140.00 | \$140.00 | \$144.20 | \$144.20 | \$175.00 | \$175.00 | \$550.00 | \$550.00 | \$140.00 | \$140.00 |
| | 1C.16 Flat / Elongated Pieces per ASTM D-4791 | Per Sample | 1 | \$135.00 | \$135.00 | \$139.05 | \$139.05 | \$175.00 | \$175.00 | \$150.00 | \$150.00 | \$135.00 | \$135.00 |
| | 1C.17 Effect of Moisture On Hot Mix per ASTM D-4867 (Set of 6 Samples) | Per Set | 1 | \$300.00 | \$300.00 | \$309.00 | \$309.00 | \$300.00 | \$300.00 | \$250.00 | \$250.00 | \$300.00 | \$300.00 |
| | 1C.18 Sand Equivalent per ASTM D-2419 | Per Sample | 1 | \$100.00 | \$100.00 | \$103.00 | \$103.00 | \$200.00 | \$200.00 | \$125.00 | \$125.00 | \$100.00 | \$100.00 |
| | 1C.19 Effect of Water on Cohesion per ASTM D-1075 / Modified | Per Sample | 1 | \$191.00 | \$191.00 | \$196.73 | \$196.73 | \$350.00 | \$350.00 | \$250.00 | \$250.00 | \$195.00 | \$195.00 |
| D. | Extraction/Gradation Analysis per ASTM D-6307 | Per Test | 1 | \$145.00 | \$145.00 | \$149.35 | \$149.35 | \$200.00 | \$200.00 | \$150.00 | \$150.00 | \$200.00 | \$200.00 |
| E. | Asphalt Plant Technician Inspections Using FDOT Approved Plant, Laboratory and Procedures for Extraction, Gradations, Marshall Tests and Temperature Checks (ASTM D-290-85) (Per Person, Min. 4 Hrs.) | Per Hour | 4 | \$81.00 | \$324.00 | \$83.49 | \$333.96 | \$65.00 | \$260.00 | \$60.00 | \$240.00 | \$65.00 | \$260.00 |
| F. | Paving Technician for On-Site Paving Operations, Inspections per FDOT Procedures (Temperature, Density Testing and Observation) (4 Hr. Min.) | Per Hour | 4 | \$81.00 | \$324.00 | \$83.49 | \$333.96 | \$65.00 | \$260.00 | \$50.00 | \$200.00 | \$65.00 | \$260.00 |

| | | | | | Vertical V Southeast | | Nutting Engineers | | Radise International | | Wingerter Laboratories | | GFA | |
|---|---|---|------------|---|----------------------|----------|-------------------|----------|----------------------|----------|------------------------|----------------|----------|------------------|
| | G. | Roadway- Florida method for test measurement of pavements smoothness with the 15 foot rolling and manual straightedges (minimum 4 Hours) per FM-5-509. | Per Hour | 4 | \$81.00 | \$324.00 | \$83.49 | \$333.96 | \$65.00 | \$260.00 | \$50.00 | \$200.00 | \$65.00 | \$260.00 |
| | H. | Roadway- Specialty surface- friction resistance test for crosswalks per ASTM E 274-06 including Maintenance of Traffic (minimum 4 Hours) per test. | Per Hour | 4 | No bid | | \$83.49 | \$333.96 | No bid | | \$300.00 | \$1,200.00 | \$65.00 | \$260.00 |
| | I. | Asphalt Densities (Nuclear-Back Scatter Method) (Min. 4 Tests) | Per Test | 1 | \$30.00 | \$30.00 | \$30.90 | \$30.90 | \$26.00 | \$26.00 | \$25.00 | \$25.00 | \$5.00 | \$5.00 |
| | J. | Asphalt Core Drilling for Thickness Measurements (Includes Asphalt Patching) (Min. 6 Cores per Call-Out) | Per Core | 6 | \$60.00 | \$360.00 | \$61.80 | \$370.80 | \$50.00 | \$300.00 | \$75.00 | \$450.00 | \$55.00 | \$330.00 |
| | K. | Asphalt Cores Laboratory Tests for Measurements per ASTM D-3549 and Weight per Cubic Foot, per ASTM D-2726. | Per Core | 1 | \$45.00 | \$45.00 | \$46.35 | \$46.35 | \$25.00 | \$25.00 | \$35.00 | \$35.00 | \$35.00 | \$35.00 |
| | L. | Gyratory Compaction (Bulk Specific Gravity) | Per Sample | 1 | \$120.00 | \$120.00 | \$123.60 | \$123.60 | \$150.00 | \$150.00 | \$125.00 | \$125.00 | \$125.00 | \$125.00 |
| | TOTAL GROUP I | | | | | | | | | | | Primary | | Secondary |
| | GROUP II | | | | | | | | | | | | | |
| 2 | CONCRETE TESTING | | | | | | | | | | | | | |
| | (All prices are to include necessary engineering analysis, Travel, Mileage, Delivery, Certified Report and Cylinder Pick-Up.) | | | | | | | | | | | | | |
| | A. | Cylinders - Cast and Tested by Laboratory. | | | | | | | | | | | | |
| | 2A.1 | Std. 6"x12" or 4"x 8" Cyl. (Includes Air Test, Concrete Temperature Test, Slump Test) (Per ASTM C-31 "Section 7" Lab Strength Tests per C-39 using C-617 or C-1231) (Min. 5 Cyl. Per Set) | Per Set | 1 | \$110.00 | \$110.00 | \$113.30 | \$113.30 | \$75.00 | \$75.00 | \$60.00 | \$60.00 | \$65.00 | \$65.00 |
| | 2A.2 | Light weight 3"x 6" Cyl. Incl. Conc. Per ASTM C-495 (Min. 5 Cyl. Per Set) | Per Set | 1 | \$110.00 | \$110.00 | \$113.30 | \$113.30 | \$65.00 | \$65.00 | \$60.00 | \$60.00 | \$55.00 | \$55.00 |
| | 2A.3 | Air Entrainment per ASTM C31 (used Concurrently w/Conc. Set Testing). | Per Set | 1 | \$35.00 | \$35.00 | \$36.05 | \$36.05 | \$15.00 | \$15.00 | \$15.00 | \$15.00 | \$10.00 | \$10.00 |
| | B. | Securing Structural/Pavement Cores per ASTM C-42(6"Max. Dia.) (3 Cores Min.) | Per Core | 3 | No bid | | No bid | | \$50.00 | \$150.00 | \$100.00 | \$300.00 | No bid | |
| | 2B.1 | 8" Deep | Per Core | 1 | \$125.00 | \$125.00 | \$128.75 | \$128.75 | \$80.00 | \$80.00 | \$100.00 | \$100.00 | \$100.00 | \$100.00 |
| | 2B.2 | 14" Deep | Per Core | 1 | \$150.00 | \$150.00 | \$154.50 | \$154.50 | \$125.00 | \$125.00 | \$175.00 | \$175.00 | \$175.00 | \$175.00 |
| | C. | Cores Trim and Compression Test per ASTM C-42 | Per Test | 1 | \$40.00 | \$40.00 | \$41.20 | \$41.20 | \$30.00 | \$30.00 | \$25.00 | \$25.00 | \$25.00 | \$25.00 |
| | D. | Concrete Masonry Units per ASTM C-140 & C-551-Block/Brick per ASTM-140. | | | | | | | | | | | | |
| | 2D.1 | Concrete Brick per ASTM C-551 | | | | | | | | | | | | |
| | | A) Compression | Per Brick | 1 | \$45.00 | \$45.00 | \$46.35 | \$46.35 | \$40.00 | \$40.00 | \$25.00 | \$25.00 | \$55.00 | \$55.00 |
| | | B) Absorption | Per Brick | 1 | \$65.00 | \$65.00 | \$66.95 | \$66.95 | \$35.00 | \$35.00 | \$15.00 | \$15.00 | \$25.00 | \$25.00 |
| | | C) Dimension | Per Brick | 1 | \$45.00 | \$45.00 | \$46.35 | \$46.35 | \$15.00 | \$15.00 | \$15.00 | \$15.00 | \$10.00 | \$10.00 |
| | | D) Appearance | Per Brick | 1 | \$42.00 | \$42.00 | \$43.26 | \$43.26 | \$25.00 | \$25.00 | \$15.00 | \$15.00 | \$10.00 | \$10.00 |
| | 2D.2 | Block, Manhole | Per Test | 1 | \$55.00 | \$55.00 | \$56.65 | \$56.65 | \$55.00 | \$55.00 | \$50.00 | \$50.00 | \$55.00 | \$55.00 |
| | 2D.3 | Block, Concrete Compression per ASTM C-140 - Individual Units | Per Test | 1 | \$55.00 | \$55.00 | \$56.65 | \$56.65 | \$55.00 | \$55.00 | \$50.00 | \$50.00 | \$55.00 | \$55.00 |
| | 2D.4 | Block, Concrete Absorption per ASTM C-140 Individual Units | Per Test | 1 | \$61.00 | \$61.00 | \$62.83 | \$62.83 | \$50.00 | \$50.00 | \$25.00 | \$25.00 | \$25.00 | \$25.00 |

| | | | | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingerter Laboratories | GFA | | | | | |
|--|----|---|--|-----------|---|----------------------|-------------------|-----------------------|------------------------|----------|----------|----------|----------|----------|----------|
| | | 2D.5 | Moisture Content of Concrete Block per ASTM C-140 | Per Block | 1 | \$55.00 | \$55.00 | \$56.65 | \$56.65 | \$30.00 | \$30.00 | \$15.00 | \$15.00 | \$10.00 | \$10.00 |
| | | 2D.6 | Block Series, Dimensions, Compression, Absorption, Moisture Content and Unit Weight (Density) per ASTM C-140 | Per Block | 1 | \$140.00 | \$140.00 | \$175.10 | \$175.10 | \$150.00 | \$150.00 | \$75.00 | \$75.00 | \$100.00 | \$100.00 |
| | | 2D.7 | Mortar Cubes 2" x 2" x 2" Compression Test per ASTM C-109 (Min. 3 per Test) (Cast by Others) | Per Cube | 3 | \$35.00 | \$105.00 | \$36.05 | \$108.15 | \$15.00 | \$45.00 | \$15.00 | \$45.00 | \$9.00 | \$27.00 |
| | | 2D.8 | Masonry Prisms per ASTM C-1314 (Fabricated by Lab) | Per Prism | 1 | \$135.00 | \$135.00 | \$139.05 | \$139.05 | \$125.00 | \$125.00 | \$50.00 | \$50.00 | \$75.00 | \$75.00 |
| | | 2D.9 | Sampling and Pick-Up (Casting By lab) | Per Unit | 1 | \$63.00 | \$63.00 | \$64.89 | \$64.89 | \$50.00 | \$50.00 | \$25.00 | \$25.00 | \$15.00 | \$15.00 |
| | | 2D.10 | Concrete Block Unit Weight per ASTM C-140 | Per Block | 1 | \$60.00 | \$60.00 | \$61.80 | \$61.80 | \$45.00 | \$45.00 | \$25.00 | \$25.00 | \$15.00 | \$15.00 |
| | | 2D.11 | Grout Cube Compression Test per ASTM C-1014 (Cast) | Per Cube | 1 | \$21.00 | \$21.00 | \$21.63 | \$21.63 | \$15.00 | \$15.00 | \$15.00 | \$15.00 | \$9.00 | \$9.00 |
| | | 2D.12 | Technician to Cast Mortar or Grout Cubes in Lab. Or On-Site (Incl. Slump & Temp. Tests) per ASTM C1019 | Per Hour | 1 | \$63.00 | \$63.00 | \$64.89 | \$64.89 | \$45.00 | \$45.00 | \$40.00 | \$40.00 | \$45.00 | \$45.00 |
| | | 2D.13 | Technician to Cast Mortar or Grout Cubes in Laboratory or On-Site (Includes Slump and Temperature Tests) per ASTM C-1019 | Per Hour | 1 | \$81.00 | \$81.00 | No bid | | \$45.00 | \$45.00 | \$40.00 | \$40.00 | \$45.00 | \$45.00 |
| | E. | Concrete Beams | | | | | | | | | | | | | |
| | | 2E.1 | Tension Test per ASTM C-496 (Splitting Tension Test for Cylindrical Specimen, not Beams) (3 tests minimum) | Per Test | 3 | \$65.00 | \$195.00 | \$66.95 | \$200.85 | \$85.00 | \$255.00 | \$75.00 | \$225.00 | \$50.00 | \$150.00 |
| | | 2E.2 | Flexural Test per ASTM C-78 (ASTM C-31, C-78) Cast per ASTM C-36, Mold and Pick-Up by Lab. (2 Beams Required per Test) | Per Beam | 1 | \$120.00 | \$120.00 | \$123.60 | \$123.60 | \$75.00 | \$75.00 | \$50.00 | \$50.00 | \$75.00 | \$75.00 |
| | F. | Air Content per ASTM C-173 or ASTM C-231 | | Per Test | 1 | \$35.00 | \$35.00 | \$36.05 | \$36.05 | \$15.00 | \$15.00 | \$15.00 | \$15.00 | \$10.00 | \$10.00 |
| | G. | Concrete Densities (Unit Weight) & Yield Test per ASTM C-138 | | Per Test | 1 | \$40.00 | \$40.00 | \$41.20 | \$41.20 | \$40.00 | \$40.00 | \$25.00 | \$25.00 | \$20.00 | \$20.00 |
| | H. | Design Mix per ACI-211 Standard Aggregate (Materials Furnished by Supplier) (Laboratory Sampling Included) (1 Trial Batch and 6 Cylinder Tests) (First of Any Series) | | Per Mix | 1 | \$520.00 | \$520.00 | \$535.60 | \$535.60 | \$650.00 | \$650.00 | \$550.00 | \$550.00 | \$650.00 | \$650.00 |
| | | Additional Design Mixes in Series | | Per Mix | 1 | \$400.00 | \$400.00 | \$412.00 | \$412.00 | \$200.00 | \$200.00 | \$275.00 | \$275.00 | \$450.00 | \$450.00 |
| | | 2H.1 | Design Mix Materials Testing | | | | | | | | | | | | |
| | | | 2H.1A Gradation | Per Test | 1 | \$73.00 | \$73.00 | \$75.19 | \$75.19 | \$65.00 | \$65.00 | \$45.00 | \$45.00 | \$55.00 | \$55.00 |
| | | | 2H.1B Fine Aggregate Gravity and Absorption C-127 | Per Test | 1 | \$82.00 | \$82.00 | \$84.46 | \$84.46 | \$65.00 | \$65.00 | \$45.00 | \$45.00 | \$50.00 | \$50.00 |
| | | | 2H.1C Coarse Aggregates Specific Gravity and Absorption C-128 | Per Test | 1 | \$91.00 | \$91.00 | \$93.73 | \$93.73 | \$60.00 | \$60.00 | \$45.00 | \$45.00 | \$60.00 | \$60.00 |
| | | | 2H.1D LA Abrasion C-88 | Per Test | 1 | \$220.00 | \$220.00 | \$226.60 | \$226.60 | \$175.00 | \$175.00 | \$125.00 | \$125.00 | \$75.00 | \$75.00 |
| | I. | On-Site Inspection per ACI-304 and ACI-311.5R (Per Site Visit as Approved by the City of Miami Gardens) (4 Hrs. Min.) | | Per Hour | 4 | \$81.00 | \$324.00 | \$83.43 | \$333.72 | \$60.00 | \$240.00 | \$50.00 | \$200.00 | \$45.00 | \$180.00 |
| | J. | Concrete Plant Inspection per ACI-311.5 (Mix and Weight Verification) (4 Hrs. Min.) | | Per Hour | 4 | \$81.00 | \$324.00 | \$83.43 | \$333.72 | \$60.00 | \$240.00 | \$50.00 | \$200.00 | \$55.00 | \$220.00 |
| | K. | Windsor Probe Test per ASTM C-803M-03(2010) (Penetration Resistance to Determine Uniformity) with Equipment Charge (Windsor Gun) (Min. 4 Hrs. per Trip) | | Per Trip | 1 | \$270.00 | \$270.00 | \$278.10 | \$278.10 | \$240.00 | \$240.00 | \$180.00 | \$180.00 | \$140.00 | \$140.00 |
| | L. | ASTM C-803 (Set of 3 Probes per Test) | | Per Test | 1 | \$100.00 | \$100.00 | \$103.00 | \$103.00 | \$50.00 | \$50.00 | \$125.00 | \$125.00 | \$25.00 | \$25.00 |

| | | | | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingerter Laboratories | GFA | | | |
|------------------------|--|--------------|---|----------|------------|-----------------------------|--------------------------|------------------------------|-------------------------------|-------------------|----------|-------------------|-----------------|
| M. | Concrete Rebound Hammer Test per ASTM C-805 (Use of Spring Driven Steel Hammer to Determine Uniformity of In-Place Concrete) (4 Hrs. Min.) | Per Hour | 4 | \$81.00 | \$324.00 | \$83.43 | \$333.72 | \$55.00 | \$220.00 | \$45.00 | \$180.00 | \$35.00 | \$140.00 |
| N. | Pullout per ASTM C-900 (Includes Installation of test tools and equipment) | Per Test | 1 | \$343.00 | \$343.00 | \$353.29 | \$353.29 | \$350.00 | \$350.00 | \$600.00 | \$600.00 | \$300.00 | \$300.00 |
| O. | Thickness of Concrete per ASTM C-1383-04(2010) | Per Hour | 1 | \$67.00 | \$67.00 | \$69.01 | \$69.01 | \$55.00 | \$55.00 | \$45.00 | \$45.00 | \$150.00 | \$150.00 |
| P. | Floor Flatness Test per ASTM CE1155M-96(2008) | Per Hour | 4 | \$121.00 | \$484.00 | \$100.00 | \$400.00 | No bid | | \$100.00 | \$400.00 | \$65.00 | \$260.00 |
| Q. | Radiography of Concrete to Locate Rebar (4 Hour Min) | Per Hour | 4 | \$320.00 | \$1,280.00 | \$125.00 | \$500.00 | \$175.00 | \$700.00 | No bid | | \$150.00 | \$600.00 |
| R. | Corrosion Activity per ASTM C-876-09 | Per Test | 1 | \$87.00 | \$87.00 | \$125.00 | \$125.00 | \$75.00 | \$75.00 | \$200.00 | \$200.00 | \$65.00 | \$65.00 |
| S. | Chloride Content | | | | | | | | | | | | |
| | 2S.1 Per ASTM C-1152 | Per Test | 1 | \$125.00 | \$125.00 | \$128.75 | \$128.75 | \$80.00 | \$80.00 | \$75.00 | \$75.00 | \$60.00 | \$60.00 |
| | 2S.2 Per ASTM C-1218 | Per Test | 1 | \$130.00 | \$130.00 | \$133.90 | \$133.90 | \$80.00 | \$80.00 | \$75.00 | \$75.00 | \$60.00 | \$60.00 |
| T. | Pachometer; Magnetometer; Ground Penetrating Radar Readings for Rebar Location, Approximate Size and Spacing (4 Hrs. Min.) | Per Hour | 4 | \$81.00 | \$324.00 | \$83.43 | \$333.72 | \$60.00 | \$240.00 | \$65.00 | \$260.00 | \$45.00 | \$180.00 |
| U. | Los Angeles Abrasion per ASTM C-131 (Small Size Coarse Aggregate) | Per Test | 1 | \$220.00 | \$220.00 | \$226.60 | \$226.60 | \$200.00 | \$200.00 | \$95.00 | \$95.00 | \$75.00 | \$75.00 |
| V. | Sieve Analysis per ASTM - 136 (Min. 3 tests) (Includes collection of samples at site) | Per Test | 3 | \$73.00 | \$219.00 | \$75.19 | \$225.57 | \$75.00 | \$225.00 | \$75.00 | \$225.00 | \$55.00 | \$165.00 |
| W. | Absorption Fine Aggregate per ASTM C-128, Coarse Aggregate per ASTM C - 127 | Per Test | 1 | \$73.00 | \$73.00 | \$75.19 | \$75.19 | \$45.00 | \$45.00 | \$45.00 | \$45.00 | \$55.00 | \$55.00 |
| X. | Specific Gravity Fine Aggregate per ASTM C-128, Coarse Aggregate per ASTM C- 127 | Per Test | 1 | \$73.00 | \$73.00 | \$75.19 | \$75.19 | \$45.00 | \$45.00 | \$45.00 | \$45.00 | \$55.00 | \$55.00 |
| Y. | Weight per Cubic Feet per ASTM C-29 | Per Test | 1 | \$73.00 | \$73.00 | \$75.19 | \$75.19 | \$45.00 | \$45.00 | \$35.00 | \$35.00 | \$55.00 | \$55.00 |
| TOTAL GROUP II | | | | | | | Secondary | | | | | | Primary |
| GROUP III | | | | | | | | | | | | | |
| 3 | PRE-STRESS / PRE-CAST | | | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingerter Laboratories | GFA | | | |
| | (All prices are to include necessary Engineering Analysis, Travel, Mileage, Delivery, Certified Report, Samples and Cylinder Pick-Up.) | | | | | | | | | | | | |
| | * If Additional Hours are Required Vendor Shall secure Prior Approval from the City. | | | | | | | | | | | | |
| A. | Pre-Stress/Pre-Cast Fabrication Inspection per PCI MNL-116-99 (Structural) or MNL-117(Architectural)(Bridge & Building Units/Ready Mix Plant Inspection) (4 Hrs. Min.) | Per Hour | 4 | \$81.00 | \$324.00 | \$83.43 | \$333.72 | \$65.00 | \$260.00 | \$65.00 | \$260.00 | \$55.00 | \$220.00 |
| B. | Pre-Stress (Inspection and Certified Report Included) (Stressing Operation and Inspection) per PCI MNL-116-99 (4 Hrs. Min.)* | Per Hour | 4 | \$81.00 | \$324.00 | \$83.43 | \$333.72 | \$65.00 | \$260.00 | \$65.00 | \$260.00 | \$55.00 | \$220.00 |
| C. | Reinforced Concrete Pipe and Pre-Fabricated Manhole Inspection (Types, Sizes and Design) (Includes Inspection and Certified Report) (4 Hrs. Min.)* | Per Hour | 4 | \$81.00 | \$324.00 | \$83.43 | \$333.72 | \$65.00 | \$260.00 | \$65.00 | \$260.00 | \$55.00 | \$220.00 |
| D. | Absorption Test of Pre-Cast Units per ASTM C-497 | Per Core | 1 | \$52.00 | \$52.00 | \$53.46 | \$53.46 | \$55.00 | \$55.00 | \$50.00 | \$50.00 | \$55.00 | \$55.00 |
| E. | Three Edge Bearing Test per ASTM C-497 | Per Test | 1 | \$81.00 | \$81.00 | \$85hr. | | \$75.00 | \$75.00 | \$350.00 | \$350.00 | \$65.00 | \$65.00 |
| F. | Hydrostatic Testing per ASTM C-497 | Per Test | 1 | \$81.00 | \$81.00 | \$85hr. | | \$85.00 | \$85.00 | \$350.00 | \$350.00 | \$65.00 | \$65.00 |
| G. | Testing Concrete Cylinder per ASTM C-497 | Per Cylinder | 1 | \$110.00 | \$110.00 | \$113.30 | \$113.30 | \$65.00 | \$65.00 | \$12.00 | \$12.00 | \$90.00 | \$90.00 |
| TOTAL GROUP III | | | | | | | \$1,296.00 | | Non-Responsive | \$1,060.00 | | \$1,542.00 | \$935.00 |
| GROUP IV | | | | | | | | | Secondary | | | | Primary |

| 4 | PILING | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingert Laboratories | GFA | | | | | |
|-----------------------|--|-----------|---|----------------------|-------------------|-----------------------|----------------------|----------|-----------------------|----------|------------------|----------|-----------------|
| A. | Pile Driving/Auger Cast Pile Inspection (Includes Certified Log/Report (4 Hrs. Min.)) | Per Hour | 4 | \$81.00 | \$324.00 | \$83.43 | \$333.72 | \$65.00 | \$260.00 | \$50.00 | \$200.00 | \$55.00 | \$220.00 |
| 4A.1 | Splice of Piles as an Addition (per Occurrence) (with Prior Approval from the City of Miami Gardens) (to Witness Splice) | Per Hour | 1 | \$81.00 | \$81.00 | \$83.43 | \$83.43 | \$65.00 | \$65.00 | \$50.00 | \$50.00 | \$55.00 | \$55.00 |
| B. | Vibro-Flotation Inspection (4 Hrs. Min.) | Per Hour | 1 | \$81.00 | \$81.00 | \$83.43 | \$83.43 | \$65.00 | \$65.00 | \$50.00 | \$50.00 | \$55.00 | \$55.00 |
| C. | Pile Load Test -Test Frame and Load Set-up Witnessed by Certified Inspector per ASTM D-1143 and Certified | Per Hour | 1 | \$81.00 | \$81.00 | \$83.43 | \$83.43 | \$75.00 | \$75.00 | \$75.00 | \$75.00 | \$75.00 | \$75.00 |
| 4C.1 | Furnishing and Set-up of Calibrated Gauges | Per Gauge | 1 | \$109.00 | \$109.00 | \$112.27 | \$112.27 | \$100.00 | \$100.00 | \$100.00 | \$100.00 | \$100.00 | \$100.00 |
| 4C.2 | Monitoring of Pile Load Test, Collect Field Data, and Lab Inspector Time | Per Hour | 1 | \$81.00 | \$81.00 | \$83.43 | \$83.43 | \$55.00 | \$55.00 | \$75.00 | \$75.00 | \$75.00 | \$75.00 |
| 4C.3 | Pile Load Test Report, Certify and Prepare Report for Load Capacity of Pile. (Lab Engineers' Time) | Per Hour | 1 | \$170.00 | \$170.00 | \$123.60 | \$123.60 | \$125.00 | \$125.00 | \$150.00 | \$150.00 | \$85.00 | \$85.00 |
| 4C.4 | Witness Precast Driven Piles and Provide PDR Results and Engineer's Report | Per Hour | 1 | \$81.00 | \$81.00 | \$123.60 | \$123.60 | No bid | | \$50.00 | \$50.00 | \$75.00 | \$75.00 |
| TOTAL GROUP IV | | | | | \$1,008.00 | | \$1,026.91 | | Non-Responsive | | \$750.00 | | \$740.00 |
| | | | | | | | | | | | Secondary | | Primary |
| GROUP V | | | | | | | | | | | | | |
| 5 | GEOTECHNICAL SERVICES | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingert Laboratories | GFA | | | | | |
| A. | Mobilization of Truck-Mounted Drill Rig [If Site is NOT Accessible and Special / Additional Equipment is Required to Reach the Penetration Point(s), additional fees shall not be charged without prior Approval of the City.] The vendor shall provide documentation of required exceptional costs for approval by the City before commencing any work. | Per Job | 1 | \$350.00 | \$350.00 | \$250.00 | \$250.00 | \$350.00 | \$350.00 | \$150.00 | \$150.00 | \$350.00 | \$350.00 |
| B. | <u>Borings Standard Penetration per ASTM D-1586:</u> | | | | | | | | | | | | |
| | <u>With Casing:</u> | | | | | | | | | | | | |
| | Penetration Depth 0' to 50' | Per Foot | 1 | \$20.00 | \$20.00 | \$20.60 | \$20.60 | \$18.00 | \$18.00 | \$16.00 | \$16.00 | \$13.00 | \$13.00 |
| | Penetration Depth 51' to 75' | Per Foot | 1 | \$24.00 | \$24.00 | \$24.72 | \$24.72 | \$21.00 | \$21.00 | \$18.00 | \$18.00 | \$13.50 | \$13.50 |
| | Penetration Depth 76' to 100' | Per Foot | 1 | \$28.00 | \$28.00 | \$28.84 | \$28.84 | \$23.00 | \$23.00 | \$20.00 | \$20.00 | \$14.00 | \$14.00 |
| | Penetration Depth 101' to 150' | Per Foot | 1 | \$34.00 | \$34.00 | \$35.02 | \$35.02 | \$27.00 | \$27.00 | \$22.00 | \$22.00 | \$17.00 | \$17.00 |
| | <u>Without Casing:</u> | | | | | | | | | | | | |
| | Penetration Depth 0' to 50' | Per Foot | 1 | \$18.00 | \$18.00 | \$13.60 | \$13.60 | \$13.00 | \$13.00 | \$14.00 | \$14.00 | \$11.00 | \$11.00 |
| | Penetration Depth 51' to 75' | Per Foot | 1 | \$22.00 | \$22.00 | \$17.72 | \$17.72 | \$16.00 | \$16.00 | \$16.00 | \$16.00 | \$10.50 | \$10.50 |
| | Penetration Depth 76' to 100' | Per Foot | 1 | \$26.00 | \$26.00 | \$21.84 | \$21.84 | \$18.00 | \$18.00 | \$18.00 | \$18.00 | \$11.00 | \$11.00 |
| | Penetration Depth 101' to 150' | Per Foot | 1 | \$32.00 | \$32.00 | \$28.02 | \$28.02 | \$23.00 | \$23.00 | \$20.00 | \$20.00 | \$12.00 | \$12.00 |
| C. | <u>Auger Borings per ASTM D-1452 Penetration Depth:</u> | | | | | | | | | | | | |
| | Penetration Depth 0' to 50' | Per Foot | 1 | \$15.00 | \$15.00 | \$15.45 | \$15.45 | \$10.00 | \$10.00 | \$12.00 | \$12.00 | \$9.00 | \$9.00 |
| | Penetration Depth 51' to 75' | Per Foot | 1 | \$17.00 | \$17.00 | \$17.51 | \$17.51 | \$14.00 | \$14.00 | \$14.00 | \$14.00 | \$11.00 | \$11.00 |
| | Penetration Depth 76' to 100' | Per Foot | 1 | \$19.00 | \$19.00 | \$19.57 | \$19.57 | \$18.00 | \$18.00 | \$16.00 | \$16.00 | \$12.00 | \$12.00 |
| | Penetration Depth 101' to 150' | Per Foot | 1 | \$23.00 | \$23.00 | \$23.69 | \$23.69 | \$21.00 | \$21.00 | \$18.00 | \$18.00 | \$14.00 | \$14.00 |
| D. | <u>Rock Coring per ASTM D-2113 (Max. NX Size):</u> | | | | | | | | | | | | |
| | Penetration Depth 0' to 50' | Per Foot | 1 | \$34.00 | \$34.00 | \$35.02 | \$35.02 | \$34.00 | \$34.00 | \$30.00 | \$30.00 | \$31.00 | \$31.00 |
| | Penetration Depth 51' to 75' | Per Foot | 1 | \$40.00 | \$40.00 | \$41.20 | \$41.20 | \$40.00 | \$40.00 | \$35.00 | \$35.00 | \$35.00 | \$35.00 |
| | Penetration Depth 76' to 100' | Per Foot | 1 | \$47.00 | \$47.00 | \$48.41 | \$48.41 | \$46.00 | \$46.00 | \$40.00 | \$40.00 | \$39.00 | \$39.00 |
| | Penetration Depth 101' to 150' | Per Foot | 1 | \$53.00 | \$53.00 | \$54.59 | \$54.59 | \$52.00 | \$52.00 | \$45.00 | \$45.00 | \$42.00 | \$42.00 |

| | | | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingert Laboratories | GFA | | | | |
|----------------------|--|-----------------|---|----------|----------------------|-------------------|-----------------------|----------------------|----------------|----------|------------|----------|------------|
| E. | Standard Penetration Test (Includes Mobilization and Soil Boring Log) (Portable Equipment) | Per Foot | 1 | \$30.00 | \$30.00 | \$25.75 | \$25.75 | \$25.00 | \$25.00 | \$24.00 | \$24.00 | \$20.00 | \$20.00 |
| 5E.1 | Standard Penetration Test (Water Boring) (Does Not Include Cost of the Barge) (Should Barge be required to conduct the work, the cost for the equipment necessary to complete the task shall be submitted to the City for approval prior to commencing any work. Full documentation of costs shall be submitted for review and approval) | Per Foot | 1 | \$50.00 | \$50.00 | \$51.50 | \$51.50 | \$35.00 | \$35.00 | \$35.00 | \$35.00 | \$20.00 | \$20.00 |
| F. | Undisturbed Sampling per ASTM D-15 | Per Sample | 1 | \$110.00 | \$110.00 | \$113.30 | \$113.30 | \$90.00 | \$90.00 | \$20.00 | \$20.00 | \$20.00 | \$20.00 |
| G. | Slug Percolation Test-USGS / PWD 9" Dia. Hole (DERM) (Min. 2 per Job) | Per Test | 2 | \$400.00 | \$800.00 | \$412.00 | \$824.00 | \$400.00 | \$800.00 | \$350.00 | \$700.00 | \$325.00 | \$650.00 |
| H. | Double Ring Infiltration Test per ASTM D-3385 (Swale or Grassy Areas) | Per Test | 1 | \$460.00 | \$460.00 | \$473.80 | \$473.80 | \$400.00 | \$400.00 | \$400.00 | \$400.00 | \$375.00 | \$375.00 |
| I. | Percolation Tests | | | | | | | | | | | | |
| 5 I.1 | Fla. Department of Health and Rehabilitative Services, Chapter 100-6.57 (Min. 2 Tests per Job) | Per Test | 2 | \$344.00 | \$688.00 | \$354.32 | \$708.64 | \$325.00 | \$650.00 | \$275.00 | \$550.00 | \$200.00 | \$400.00 |
| 5 I.2 | DCPW Highway Division (Min. 12" Dia.) (Min. 2 Tests per Job) | Per Test | 2 | \$495.00 | \$990.00 | \$509.85 | \$1,019.70 | \$450.00 | \$900.00 | \$350.00 | \$700.00 | \$300.00 | \$600.00 |
| 5 I.3 | Open Hole Method (Min. 6" Dia.) (Min. 2 Tests) | Per Test | 2 | \$490.00 | \$980.00 | \$504.70 | \$1,009.40 | \$400.00 | \$800.00 | \$350.00 | \$700.00 | \$300.00 | \$600.00 |
| 5 I.4 | Utility Clearance Location services (Min. 1 Hr. per Work Order) | Per Hour | 1 | \$81.00 | \$81.00 | \$64.89 | \$64.89 | \$65.00 | \$65.00 | \$45.00 | \$45.00 | \$55.00 | \$55.00 |
| J. | Closing Holes with Grout / Approved Method(s) to Safe proof Site. [Safe proof to be Accomplished Before Laboratory Leaves the Site(s)] | Per Lineal Foot | 1 | \$8.00 | \$8.00 | \$8.24 | \$8.24 | \$6.00 | \$6.00 | \$5.00 | \$5.00 | \$3.00 | \$3.00 |
| K. | Trench Test per So. Fla. Water Management District Permit Manual 4 | Per Test | 1 | \$490.00 | \$490.00 | \$501.61 | \$501.61 | \$475.00 | \$475.00 | \$500.00 | \$500.00 | \$400.00 | \$400.00 |
| L. | Soil Cement Stabilization Field Inspection and Monitoring | Per Hour | 1 | \$81.00 | \$81.00 | \$83.43 | \$83.43 | \$65.00 | \$65.00 | \$45.00 | \$45.00 | \$45.00 | \$45.00 |
| 5L.1 | Soil Cement Cylinder Testing | Per Test | 1 | \$63.00 | \$63.00 | \$125.00 | \$125.00 | \$60.00 | \$60.00 | \$45.00 | \$45.00 | \$45.00 | \$45.00 |
| M. | Water Quality Monitoring | Per Sample | 1 | No bid | | \$83.43 | \$83.43 | No bid | | \$40.00 | \$40.00 | \$15.00 | \$15.00 |
| N. | Geotechnical Engineering Evaluation and Report of Existing Soil with Respect to Allowable Bearing Capacity. | Per Hour | 1 | \$120.00 | \$120.00 | \$123.60 | \$123.60 | \$115.00 | \$115.00 | \$90.00 | \$90.00 | \$80.00 | \$80.00 |
| O. | Geotechnical Engineer Pile Capacity Analysis | Per Hour | 1 | \$120.00 | \$120.00 | \$123.60 | \$123.60 | \$115.00 | \$115.00 | \$90.00 | \$90.00 | \$80.00 | \$80.00 |
| P. | Muck Probes | Per Test | 1 | \$15.00 | \$15.00 | \$82.40 | \$82.40 | \$70.00 | \$70.00 | \$75.00 | \$75.00 | \$90.00 | \$90.00 |
| Q. | Monitoring and recording de-mucking operations (4 hour minimum) | Per Hour | 4 | \$81.00 | \$324.00 | \$123.60 | \$494.40 | \$65.00 | \$260.00 | \$45.00 | \$180.00 | \$45.00 | \$180.00 |
| TOTAL GROUP V | | | | | | Non Responsive | | \$6,612.49 | Non Responsive | | \$4,748.00 | | \$4,323.00 |
| | | | | | | | | | | | Secondary | | Primary |
| GROUP VI | | | | | | | | | | | | | |
| 6 | SOILS | | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingert Laboratories | GFA | | | | |
| | (Includes Travel, Mileage, Delivery, Certified Report and SAMPLE PICK-UP.) | | | | | | | | | | | | |
| A. | Field Density Tests | | | | | | | | | | | | |
| 6A.1 | Sand Cone Method per AASHTO T-19 and ASTM D-1556 (2 Tests Min.) | Per Test | 2 | \$86.00 | \$172.00 | \$88.58 | \$177.16 | \$60.00 | \$120.00 | \$75.00 | \$150.00 | \$25.00 | \$50.00 |
| 6A.2 | Nuclear Method per AASHTO T-238 & ASTM D-2922, (Moisture per AASHTO T-239 & ASTM D-3017): | Per Test | 1 | No bid | | No bid | | \$25.00 | \$25.00 | No bid | | No bid | |
| | Per Test (1 to 4 Samples), Per Trip | Per Test | 1 | \$48.00 | \$48.00 | \$49.44 | \$49.44 | \$25.00 | \$25.00 | \$25.00 | \$25.00 | \$18.00 | \$18.00 |
| | Per Test (5 to 10 Samples), Per Trip | Per Test | 1 | \$33.00 | \$33.00 | \$33.99 | \$33.99 | \$23.00 | \$23.00 | \$22.00 | \$22.00 | \$16.00 | \$16.00 |

| | | | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingerter Laboratories | GFA | | | | | | |
|--|------|--|---|----------|----------------------|-------------------|-----------------------|------------------------|----------|----------|----------|----------|----------|----------|----------|
| | | | Per Test (11 to 15 Samples), Per Trip | Per Test | 1 | \$29.00 | \$29.00 | \$29.87 | \$29.87 | \$21.00 | \$21.00 | \$20.00 | \$20.00 | \$15.00 | \$15.00 |
| | 6A.3 | | Maximum / Minimum Relative Density Tests per ASTM D-4253 and 4254 (Field and Laboratory) | Per Test | 1 | \$165.00 | \$165.00 | \$169.95 | \$169.95 | \$150.00 | \$150.00 | \$125.00 | \$125.00 | \$150.00 | \$150.00 |
| | 6A.4 | | Field Technician Hourly Rate-(Min. 4 Hrs.)* (Unlimited Tests) (Per 8 Hour Day) | Per Hour | 8 | \$63.00 | \$504.00 | No bid | No bid | \$45.00 | \$360.00 | \$50.00 | \$400.00 | \$45.00 | \$360.00 |
| | | | Per Hour | Per Hour | 1 | \$63.00 | \$63.00 | \$64.89 | \$64.89 | \$45.00 | \$45.00 | \$50.00 | \$50.00 | \$45.00 | \$45.00 |
| | | | Over Time per Hour ** | Per Hour | 1 | \$81.00 | \$81.00 | \$97.34 | \$97.34 | \$67.50 | \$67.50 | \$75.00 | \$75.00 | \$67.50 | \$67.50 |
| | | | * If Laboratory Finishes Field Work in Less than the 4 Hr. Increment, they Shall be Paid for the Full 4 Hrs., if Time Runs Past the 4 Hr. Increment, Extra Hrs. Shall Be Paid at the per hour Rate, Upon Prior Approval from the City of Miami Gardens. | | | | | | | | | | | | |
| | 6A.5 | | Evening Density Testing by the field technician (6 P. M. to 6 A. M.) (When Requested by the City of Miami Gardens to be Performed in the Evening to be Paid at the Min. 4 Hour rate. For Unlimited Tests* the Same Conditions Applies) | Per Hour | 4 | \$81.00 | \$324.00 | \$97.34 | \$389.36 | \$60.00 | \$240.00 | \$50.00 | \$200.00 | \$67.50 | \$270.00 |
| | | | ** Any O/T Performed in Addition to the Eight (8) Hr. Working Day, Shall be Paid at the O/Time Rate and Approved by the City prior to commencing the work. | | | | | | | | | | | | |
| | B. | | Moisture Density Tests (Proctor) (Includes Sample Pick-Up) | | | | | | | | | | | | |
| | 6B.1 | | Standard per AASHTO T-99 and ASTM D-698 (Non-Traffic Areas) (Min. 2 Tests per Trip) | Per Test | 2 | \$128.00 | \$256.00 | \$131.84 | \$263.68 | \$120.00 | \$240.00 | \$100.00 | \$200.00 | \$55.00 | \$110.00 |
| | 6B.2 | | Modified per AASHTO T-180 and ASTM-1577 (Building / Highway Projects) (Min. 2 Tests per Trip) | Per Test | 2 | \$144.00 | \$288.00 | \$148.32 | \$296.64 | \$120.00 | \$240.00 | \$125.00 | \$250.00 | \$55.00 | \$110.00 |
| | C. | | Lime rock Bearing Ratio (LBR) - FDOT | Per Test | 1 | \$350.00 | \$350.00 | \$360.50 | \$360.50 | \$275.00 | \$275.00 | \$300.00 | \$300.00 | \$175.00 | \$175.00 |
| | D. | | Carbonates on LBR Material (2 Tests per Trip) | Per Test | 2 | \$70.00 | \$140.00 | \$72.10 | \$144.20 | \$75.00 | \$150.00 | \$50.00 | \$100.00 | \$45.00 | \$90.00 |
| | E. | | Laboratory California Bearing Ratio (CBR) per ASTM D-1883 (One Point) | Per Test | 1 | \$270.00 | \$270.00 | \$278.10 | \$278.10 | \$275.00 | \$275.00 | \$175.00 | \$175.00 | \$300.00 | \$300.00 |
| | 6E.1 | | Lab Proctor Test | Per Test | 1 | \$144.00 | \$144.00 | \$148.32 | \$148.32 | \$120.00 | \$120.00 | \$100.00 | \$100.00 | \$275.00 | \$275.00 |
| | 6E.2 | | Three (3) Point CBR | Per Test | 1 | \$340.00 | \$340.00 | \$350.20 | \$350.20 | \$300.00 | \$300.00 | \$250.00 | \$250.00 | \$200.00 | \$200.00 |
| | F. | | Field California Bearing Ratio per Asphalt Institute MS-10 (1963) (Reaction Load by Others) (2 Tests Min.) | Per Test | 2 | \$405.00 | \$810.00 | \$417.15 | \$834.30 | \$350.00 | \$700.00 | \$450.00 | \$900.00 | \$350.00 | \$700.00 |
| | G. | | Moisture Content | Per Test | 1 | \$38.00 | \$38.00 | \$39.14 | \$39.14 | \$20.00 | \$20.00 | \$25.00 | \$25.00 | \$15.00 | \$15.00 |
| | H. | | Organic Content | | | | | | | | | | | | |
| | 6H.1 | | Lime rock per AASHTO T-267 (by Incineration) | Per Test | 1 | \$50.00 | \$50.00 | \$51.50 | \$51.50 | \$45.00 | \$45.00 | \$35.00 | \$35.00 | \$40.00 | \$40.00 |
| | 6H.2 | | Test of Soil Chemical Analysis [(1972) P.R. Hesse P. 211] (by Peroxide) | Per Test | 1 | \$70.00 | \$70.00 | \$72.10 | \$72.10 | \$65.00 | \$65.00 | \$60.00 | \$60.00 | \$55.00 | \$55.00 |
| | I. | | Grain Size per AASHTO T-27 (Sieve Analysis Only) | Per Test | 1 | \$64.00 | \$64.00 | \$65.92 | \$65.92 | \$65.00 | \$65.00 | \$60.00 | \$60.00 | \$50.00 | \$50.00 |
| | J. | | Mechanical Analysis per ASTM D-422, T-11 and T-27 (Sieve and Hydrometer Analysis and Specific Gravity and Material) | Per Test | 1 | \$68.00 | \$68.00 | \$70.04 | \$70.04 | \$85.00 | \$85.00 | \$150.00 | \$150.00 | \$52.50 | \$52.50 |
| | K. | | Soil Classification per ASTM D-3282 and D-2487 (AASHTO-Unified-FAA) | Per Test | 1 | \$96.00 | \$96.00 | \$98.88 | \$98.88 | \$75.00 | \$75.00 | \$60.00 | \$60.00 | \$80.00 | \$80.00 |
| | L. | | Los Angeles Abrasion on Rip-Rap per ASTM C-535 (Large Size Coarse Aggregate) | Per Test | 1 | \$240.00 | \$240.00 | \$247.20 | \$247.20 | \$200.00 | \$200.00 | \$200.00 | \$200.00 | \$125.00 | \$125.00 |
| | M. | | Soundness on Rip-Rap per ASTM C-88 (5 Cycle Sodium Sulphate) | Per Test | 1 | \$284.00 | \$284.00 | \$292.52 | \$292.52 | \$225.00 | \$225.00 | \$300.00 | \$300.00 | \$100.00 | \$100.00 |
| | N. | | Soil Specific Gravity per ASTM D-854 | Per Test | 1 | \$60.00 | \$60.00 | \$61.80 | \$61.80 | \$65.00 | \$65.00 | \$60.00 | \$60.00 | \$55.00 | \$55.00 |

| | | | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingert Laboratories | GFA | | | | | |
|----|----|---|-------------------|---|----------------------|----------------------|-----------------------|-----------------------|----------------------|------------|----------|----------------|----------------|------------|
| | | GROUP VIII | | | | | | | | | | | | |
| 8 | | TURBIDITY MONITORING (Boat Rental Extra at Cost) | | | | | | | | | | | | |
| | A. | Boat Rental (Min. 8 Hour Day) With Prior Approval by the Issuing Department (Furnish Copy of Ownership or Copy of Rental Invoice) | Per Test | 1 | \$800.00 | \$800.00 | \$463.50 | \$463.50 | No Bid | \$100.00 | \$100.00 | No Bid | | |
| | | TOTAL GROUP VIII | | | | \$800.00 | | \$463.50 | Non responsive | | \$100.00 | | Non responsive | |
| | | | | | | | | Secondary | | | Primary | | | |
| | | GROUP IX | | | | | | | | | | | | |
| 9 | | STEEL | | | | | | | | | | | | |
| | | (Use-AWA, AMS, AWS, ASME, API), as Applicable | | | | | | | | | | | | |
| | A. | Shop/ Field Weld Inspection per ASTM D-5339 (4 Hrs. Min.) | Per Hour | 4 | \$81.00 | \$324.00 | \$83.43 | \$333.72 | \$75.00 | \$300.00 | \$60.00 | \$240.00 | \$85.00 | \$340.00 |
| | B. | AWS, AWA, ASME Welder Tests - Groove or Fillet | | | | | | | | | | | | |
| | | Plate | Per Test Position | 1 | \$215.00 | \$215.00 | \$221.45 | \$221.45 | \$225.00 | \$225.00 | No bid | | \$150.00 | \$150.00 |
| | | Pipe | Per Test Position | 1 | \$225.00 | \$225.00 | \$231.75 | \$231.75 | \$225.00 | \$225.00 | No bid | | \$150.00 | \$150.00 |
| | C. | Reinforcing Steel Tensile Test | Per Test | 1 | \$131.00 | \$131.00 | \$134.93 | \$134.93 | \$275.00 | \$275.00 | \$250.00 | \$250.00 | \$160.00 | \$160.00 |
| | D. | Reinforcing Steel Deformation Test | Per Test | 1 | \$48.00 | \$48.00 | \$49.44 | \$49.44 | \$60.00 | \$60.00 | \$60.00 | \$60.00 | \$100.00 | \$100.00 |
| | E. | Chemical Laboratory Test (Min. 4 Hrs. per Test) | Per Test | 4 | \$81.00 | \$324.00 | No bid | | \$125.00 | \$500.00 | \$500.00 | \$2,000.00 | \$135.00 | \$540.00 |
| | F. | Welding Inspection and Dye Penetrant Weld Testing (Min. 4 Hrs. per inspection and Test) | Per Hour | 4 | \$81.00 | \$324.00 | \$83.43 | \$333.72 | \$75.00 | \$300.00 | \$80.00 | \$320.00 | \$82.00 | \$328.00 |
| | G. | Radiograph Weld Inspection (Min. 4 Hrs. per Test) | Per Hour | 4 | \$140.00 | \$560.00 | \$83.43 | \$333.72 | \$250.00 | \$1,000.00 | No bid | | \$165.00 | \$660.00 |
| | | TOTAL GROUP IX | | | | \$2,151.00 | | Non Responsive | | \$2,885.00 | | Non Responsive | | \$2,428.00 |
| | | | | | | Primary | | | | | | | | Secondary |
| | | GROUP X | | | | | | | | | | | | |
| 10 | | SPECIAL INSPECTOR AND THRESHOLD SERVICES | | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingert Laboratories | GFA | | | | |
| | A. | Special Inspector for Threshold Buildings (State Certified) (4 Hrs. Min.) | Per Hour | 4 | \$120.00 | \$480.00 | \$85.00 | \$340.00 | \$125.00 | \$500.00 | \$125.00 | \$500.00 | \$87.50 | \$350.00 |
| | B. | Special Inspector Designee (4 Hrs. Min.) | Per Hour | 4 | \$81.00 | \$324.00 | \$65.00 | \$260.00 | \$75.00 | \$300.00 | \$60.00 | \$240.00 | \$55.00 | \$220.00 |
| | C. | Special Inspector under the Florida Building Code & ASCE-7-10 (2 Hrs. Min.) | Per Hour | 2 | \$81.00 | \$162.00 | \$125.00 | \$250.00 | \$125.00 | \$250.00 | \$125.00 | \$250.00 | \$65.00 | \$130.00 |
| | D. | Reinforcing Bar Placement Inspection and Connections (4 Hours Min. per Inspection) | Per Hour | 4 | \$81.00 | \$324.00 | \$65.00 | \$260.00 | \$75.00 | \$300.00 | \$60.00 | \$240.00 | \$55.00 | \$220.00 |
| | | TOTAL GROUP X | | | | \$1,290.00 | | \$1,110.00 | | \$1,350.00 | | \$1,230.00 | | \$920.00 |
| | | | | | | | | Secondary | | | | | | Primary |
| | | GROUP XI | | | | | | | | | | | | |
| 11 | | ROOFING | | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingert Laboratories | GFA | | | | |
| | | (All Tests Performed Shall be in Accordance with Current Edition of the Fla. Bldg. Code (HVHZ Test Protocols) at Time Work is Issued, further, Laboratory Shall be part of the Current Listing of Certified Laboratories for Miami-Dade County BCCO, UL and Factory Mutual Underwriters.) | | | | | | | | | | | | |
| | A. | Built-Up Roof Sample Analysis (Test Method for Moisture in Mineral Aggregate used for Built-Up Roofs) (ASTM D-1864) (Min. of 3 tests) | Per Test | 3 | \$ | \$ | \$54.59 | \$163.77 | \$75.00 | \$225.00 | \$50.00 | \$150.00 | \$55.00 | \$165.00 |
| | B. | Standard Test for roof cuts and sampling ASTM 3617-07 and or D 2829-07 depending on roofing condition. (Min. of 3 tests) | Per Test | 3 | \$ | \$ | \$311.06 | \$933.18 | \$350.00 | \$1,050.00 | \$75.00 | \$225.00 | \$250.00 | \$750.00 |
| | C. | Compression Test - Roof Tiles (Min. of 3 tests) | Per Test | 3 | \$ | \$ | \$59.74 | \$179.22 | \$75.00 | \$225.00 | \$50.00 | \$150.00 | \$45.00 | \$135.00 |
| | D. | Absorption Test - Roof Tiles (Per Set of 5) | Per Set | 5 | \$ | \$ | \$238.96 | \$1,194.80 | \$350.00 | \$1,750.00 | \$250.00 | \$1,250.00 | \$200.00 | \$1,000.00 |

| | | | | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingert Laboratories | GFA | | | | |
|----|---|---|------------|----|----------|----------------------|----------------------|-----------------------|----------------------|-------------------|----------------------|----------|-------------------|----------|
| E. | EPA 239.2 (Min. of 3 tests) | Per Test | 3 | \$ | \$ | \$49.44 | \$148.32 | \$16.00 | \$48.00 | \$ | \$ | \$25.00 | \$75.00 | |
| F. | EPA 418.1 (Min. of 3 tests) | Per Test | 3 | \$ | \$ | \$97.85 | \$293.55 | \$58.00 | \$174.00 | \$ | \$ | \$91.00 | \$273.00 | |
| G. | PH (Min. of 3 tests) | Per Test | 3 | \$ | \$ | \$32.96 | \$98.88 | \$10.00 | \$30.00 | \$ | \$ | \$7.00 | \$21.00 | |
| H. | BOD (Min. of 3 tests) | Per Test | 3 | \$ | \$ | \$51.50 | \$154.50 | \$36.00 | \$108.00 | \$ | \$ | \$32.00 | \$96.00 | |
| I. | COD (Min. of 3 tests) | Per Test | 3 | \$ | \$ | \$49.44 | \$148.32 | \$20.00 | \$60.00 | \$ | \$ | \$32.00 | \$96.00 | |
| J. | Bacteriological Water (Potable) Analysis (Includes Sample Pick-Up) Potable Water Sample Tested by Laboratory for Bacteriological Quality with "Standard Methods for the Examination of Water and Wastewater". | | | | | | | | | | | | | |
| | 13J.1 | Total Coliforms (Standard Method No. 9222B) (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$47.38 | \$142.14 | \$29.00 | \$87.00 | \$ | \$ | \$32.00 | \$96.00 |
| | 13J.2 | Total Coliforms with Confirmation for E-Coli (Std. Method No. 92223B) (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$47.38 | \$142.14 | \$29.00 | \$87.00 | \$ | \$ | \$45.00 | \$135.00 |
| | 13J.3 | Presence / Absence of Coliform Groups (Standard Method No. 9221D) (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$47.38 | \$142.14 | \$29.00 | \$87.00 | \$ | \$ | \$32.00 | \$96.00 |
| K. | Copper (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$28.84 | \$86.52 | \$16.00 | \$48.00 | \$ | \$ | \$25.00 | \$75.00 | |
| L. | Phenols (Min. of 3 tests) | Per Test | 3 | \$ | \$ | \$103.00 | \$309.00 | \$30.00 | \$90.00 | \$ | \$ | \$160.00 | \$480.00 | |
| M. | Oil & Grease (Min. of 2 tests) | Per Test | 2 | \$ | \$ | \$74.16 | \$148.32 | \$58.00 | \$116.00 | \$ | \$ | \$65.00 | \$130.00 | |
| N. | Total Dissolved Solids (Min. of 3 tests) | Per Test | 3 | \$ | \$ | \$28.84 | \$86.52 | \$14.00 | \$42.00 | \$ | \$ | \$26.00 | \$78.00 | |
| O. | Total Suspended Solids (Min. of 3 tests) | Per Test | 3 | \$ | \$ | \$28.84 | \$86.52 | \$14.00 | \$42.00 | \$ | \$ | \$26.00 | \$78.00 | |
| P. | Soil 8010 / 8020 (Min. of 3 tests) | Per Test | 3 | \$ | \$ | \$185.40 | \$556.20 | \$134.00 | \$402.00 | \$ | \$ | \$91.00 | \$273.00 | |
| Q. | Bacteriological Testing for Potable Water Mains (Min. of 3 tests) | Per Test | 3 | \$ | \$ | \$87.55 | \$262.65 | \$29.00 | \$87.00 | \$ | \$ | \$30.00 | \$90.00 | |
| | TOTAL GROUP XIII | | | | | | Non respnsive | \$4,588.65 | | \$2,663.00 | Non respnsive | | \$3,424.00 | |
| | | | | | | | | | | Primary | | | Secondary | |
| | GROUP XIV | | | | | | | | | | | | | |
| 14 | MECHANICAL | | | | | | | | | | | | | |
| | | | | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingert Laboratories | GFA | | | | |
| A. | Noise and Sound Level Surveys (Includes Travel Time equipment set up, testing and measurements and final report of findings). | Per Hour | 1 | \$ | \$ | \$100.94 | \$100.94 | \$120.00 | \$120.00 | \$60.00 | \$60.00 | \$85.00 | \$85.00 | |
| B. | Lighting Level Surveys (Includes Travel Time equipment set up, testing and measurements and final report of findings). | Per Hour | 1 | \$ | \$ | \$100.94 | \$100.94 | \$120.00 | \$120.00 | \$60.00 | \$60.00 | \$115.00 | \$115.00 | |
| | TOTAL GROUP XIV | | | | | | Non respnsive | \$201.88 | | \$240.00 | \$120.00 | | \$200.00 | |
| | | | | | | | | | | | Primary | | Secondary | |
| | GROUP XV | | | | | | | | | | | | | |
| 15 | FIRE PROOFING | | | | | | | | | | | | | |
| | | | | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingert Laboratories | GFA | | | | |
| A. | Inspection and monitoring of Sprayed-On Fireproof Coating on Structural Steel. | | | | | | | | | | | | | |
| | 15A.1 | One Day (8 Hrs.) (8AM to 5PM)* | Per Hour | 8 | \$81.00 | \$648.00 | \$83.43 | \$667.44 | \$55.00 | \$440.00 | \$45.00 | \$360.00 | \$45.00 | \$360.00 |
| | 15A.2 | Overtime Rate* | Per Hour | 1 | \$99.00 | \$99.00 | \$125.15 | \$125.15 | \$82.50 | \$82.50 | \$67.50 | \$67.50 | \$67.50 | \$67.50 |
| | 15A.3 | Laboratory Unit Weight Test of Fireproofing Coating per ASTM E-605 (Min. of 3 tests) | Per Test | 3 | \$60.00 | \$180.00 | \$61.80 | \$185.40 | \$60.00 | \$180.00 | \$45.00 | \$135.00 | \$45.00 | \$135.00 |
| | 15A.4 | Field Adhesion / Cohesion Tests per ASTM E-736 | Per Test | 1 | \$122.00 | \$122.00 | \$125.66 | \$125.66 | \$60.00 | \$60.00 | \$45.00 | \$45.00 | \$45.00 | \$45.00 |
| | *If Additional Hours are Required Must Have Prior Approval from Issuing Department prior to performing required services. | | | | | | | | | | | | | |
| | TOTAL GROUP XV | | | | | | 1,049.00 | \$1,103.65 | | \$762.50 | \$607.50 | | \$607.50 | |
| | | | | | | | | | | | Secondary | | Primary | |

| | | | | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingter Laboratories | GFA | | | | | |
|----|-------|--|--|------------|----|----------------------|----------------------|-----------------------|----------------------|----------|--------------------|----|----------------------|----------|--------------------|
| | | | Bulk / Wipe Samples: 5 Predominant Organisms Identified | | | | | | | | | | | | |
| | | | Fungi, Characterization and Quantization (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$159.65 | \$478.95 | \$150.00 | \$450.00 | \$ | \$ | \$207.00 | \$621.00 |
| | | | Bacteria, Characterization and Quantization (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$159.65 | \$478.95 | \$150.00 | \$450.00 | \$ | \$ | \$276.00 | \$828.00 |
| | | | Both Fungi or Bacteria, Qualitative Only (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$151.41 | \$454.23 | \$140.00 | \$420.00 | \$ | \$ | \$230.00 | \$690.00 |
| | | | Both Fungi or Bacteria, Qualitative (Colony Count) (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$144.20 | \$432.60 | \$140.00 | \$420.00 | \$ | \$ | \$184.00 | \$552.00 |
| | 21A.3 | | On-Site Collection | | | | | | | | | | | | |
| | | | Legionella Pneumophila: | | | | | | | | | | | | |
| | | | Detection (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$226.60 | \$679.80 | \$225.00 | \$675.00 | \$ | \$ | \$339.00 | \$1,017.00 |
| | 21A.4 | | On-Site Collection | | | | | | | | | | | | |
| | | | Other Microbiological & Special Culture: | | | | | | | | | | | | |
| | | | Cryptococcus (Bulk) (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$391.40 | \$1,174.20 | \$400.00 | \$1,200.00 | \$ | \$ | \$339.00 | \$1,017.00 |
| | | | Other Pathogens (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$530.45 | \$1,591.35 | \$450.00 | \$1,350.00 | \$ | \$ | \$339.00 | \$1,017.00 |
| | 21A.5 | | On-Site Collection | | | | | | | | | | | | |
| | | | Allergen Essay: | | | | | | | | | | | | |
| | | | Mite Characterization and Qualitative (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$234.84 | \$704.52 | \$225.00 | \$675.00 | \$ | \$ | \$241.00 | \$723.00 |
| | | | Cat Characterization and Qualitative (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$226.60 | \$679.80 | \$220.00 | \$660.00 | \$ | \$ | \$241.00 | \$723.00 |
| | | | Cockroach Characterization and Qualitative (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$234.84 | \$704.52 | \$230.00 | \$690.00 | \$ | \$ | \$241.00 | \$723.00 |
| | | | Endotoxin Characterization and Qualitative (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$288.40 | \$865.20 | \$300.00 | \$900.00 | \$ | \$ | \$322.00 | \$966.00 |
| | | | Allergen Essay (All of the Above) (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$437.75 | \$1,313.25 | \$450.00 | \$1,350.00 | \$ | \$ | \$483.00 | \$1,449.00 |
| | 21A.6 | | On-Site Collection | | | | | | | | | | | | |
| | | | Chemical Essay: | | | | | | | | | | | | |
| | | | Total Volatile Organic Compounds (TVOC) (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$319.30 | \$957.90 | \$315.00 | \$945.00 | \$ | \$ | \$218.00 | \$654.00 |
| | | | Pesticide (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$401.70 | \$1,205.10 | \$450.00 | \$1,350.00 | \$ | \$ | \$460.00 | \$1,380.00 |
| | 21A.7 | | On-Site Collection | | | | | | | | | | | | |
| | | | Particulate Analysis: | | | | | | | | | | | | |
| | | | Gravimetric Analysis (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$190.55 | \$571.65 | \$150.00 | \$450.00 | \$ | \$ | \$126.00 | \$378.00 |
| | | | Laser Diode Particulate Analysis (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$341.96 | \$1,025.88 | \$300.00 | \$900.00 | \$ | \$ | \$143.00 | \$429.00 |
| | | | Microscopic Evaluation (Air-O-Cell) (Min. of 3 samples) | Per Sample | 3 | \$ | \$ | \$226.60 | \$679.80 | \$200.00 | \$600.00 | \$ | \$ | \$207.00 | \$621.00 |
| | B. | | Certified Industrial Hygienist | Per Hour | 1 | \$ | \$ | \$128.75 | \$128.75 | \$135.00 | \$135.00 | \$ | \$ | \$120.00 | \$120.00 |
| | | | GROUP XXI | | | | Non respnsive | | \$15,866.12 | | \$15,420.00 | | Non respnsive | | \$15,645.00 |
| | | | | | | | | | | | Primary | | | | Secondary |
| | | | GROUP XXII | | | | | | | | | | | | |
| 22 | | | ASBESTOS TESTING | | | | | | | | | | | | |
| | | | ASBESTOS TESTING (Includes Sample Pick-Up, Lab Analysis and Final Report) In accord with ASTM D5755-03,D5756-02 (2008) and D6480-05. | | | | | | | | | | | | |
| | A. | | PLM (Polarized Light Microscopy) (Min. of 12 samples) | Per Sample | 12 | \$ | \$ | \$41.20 | \$494.40 | \$40.00 | \$480.00 | \$ | \$ | \$30.00 | \$360.00 |
| | B. | | PCM (Phase Contract Microscopy) (Min. of 10 samples) | Per Sample | 10 | \$ | \$ | \$30.90 | \$309.00 | \$30.00 | \$300.00 | \$ | \$ | \$25.00 | \$250.00 |

| | | | | | | Vertical V Southeast | Nutting Engineers | Radinse International | Wingert Laboratories | | | GFA | | | |
|----|----|--|------------|---|----|----------------------|-------------------|-----------------------|----------------------|----------------------|-----------------|----------------------|-----------------|-------------------|-----------------|
| | C. | TEM (Transmission Electron Microscopy) (Min. of 5 samples) | Per Sample | 5 | \$ | \$ | \$206.00 | \$1,030.00 | No Bid | | \$ | \$ | \$175.00 | \$875.00 | |
| | D. | Asbestos Risk Assessment including Final Report of conditions and recommendations for source removal (4Hr. Min) | Per Hour | 4 | \$ | \$ | \$150.00 | \$600.00 | No Bid | | \$ | \$ | \$40.00 | \$160.00 | |
| | E. | Asbestos Clearance Report (2Hrs. Min) | Per Hour | 2 | \$ | \$ | \$150.00 | \$300.00 | No Bid | | \$ | \$ | \$40.00 | \$80.00 | |
| | | TOTAL GROUP XXII | | | | Non respnsive | | \$2,733.40 | | Non respnsive | | Non respnsive | | \$1,725.00 | |
| | | | | | | | | Secondary | | | | | | Primary | |
| | | GROUP XXIII | | | | | | | | | | | | | |
| 23 | | MOLD INVESTIGATION AND TESTING | | | | | | | | | | | | | |
| | A. | Visual Mold Investigation Inspection (with Thermography equipment inclusive of set up). Per ASTM E 2418-06 to establish a base line property analysis of Building conditions report. (4 Hour Min per inspection). | Per Hour | 4 | \$ | \$ | \$150.00 | \$600.00 | No Bid | | \$ | \$ | \$77.50 | \$310.00 | |
| | B. | Mold Risk Assessment including Final Report of findings to establish a Baseline property condition assessment. Per ASTM E 2018-08 (4 Hour Min.) | Per Hour | 4 | \$ | \$ | \$150.00 | \$600.00 | No Bid | | \$ | \$ | \$77.50 | \$310.00 | |
| | C. | Certified Mold Clearance Report (2 Hour Min) | Per Hour | 2 | \$ | \$ | \$150.00 | \$300.00 | | | \$ | \$ | \$50.00 | \$100.00 | |
| | | TOTAL GROUP XXIII | | | | Non respnsive | | \$1,500.00 | | Non respnsive | | Non respnsive | | \$720.00 | |
| | | | | | | | | Secondary | | | | | | Primary | |
| | | GROUP XXIV | | | | | | | | | | | | | |
| 24 | | LEAD BASE PAINT INSPECTION AND TESTING. | | | | | | | | | | | | | |
| | A. | Lead Base Paint investigation and detection per ASTM D4834-03(2008) (4 Hour Min.) | Per Hour | 4 | \$ | \$ | \$150.00 | \$600.00 | No Bid | | \$ | \$ | \$95.00 | \$380.00 | |
| | B. | Lead Based Paint Risk Assessment including Final Report of findings Per ASTM E 1864-97. (4 Hour Min.) | Per Hour | 4 | \$ | \$ | \$150.00 | \$600.00 | No Bid | | \$ | \$ | \$75.00 | \$300.00 | |
| | C. | Lead Base Paint Clearance Testing including Final Report and Certified Letter. Per ASTM E2271-05a (2012) e1. (4 Hour Min.). | Per Hour | 4 | \$ | \$ | \$150.00 | \$600.00 | No Bid | | \$ | \$ | \$85.00 | \$340.00 | |
| | | TOTAL GROUP XXIV | | | | Non respnsive | | \$1,800.00 | | Non respnsive | | Non respnsive | | \$1,020.00 | |
| | | | | | | | | Secondary | | | | | | Primary | |
| | | GROUP XXV | | | | | | | | | | | | | |
| 25 | | ADDITIONAL ITEMS | | | | | | | | | | | | | |
| | A. | Additional Reports (When Required by City of Miami Gardens inclusive of report reproduction and certifications). Including reproduction, binding and delivery. | Per Page | 1 | \$ | \$0.50 | \$0.50 | \$0.20 | \$0.20 | \$0.15 | \$0.15 | \$0.15 | \$0.15 | \$10.00 | \$10.00 |
| | | TOTAL GROUP XXV | | | | | \$0.50 | | \$0.20 | | \$0.15 | | \$0.15 | | \$10.00 |
| | | GROUP XXVI | | | | | | | | | | | | | |
| 26 | | ENGINEERING SERVICES | | | | | | | | | | | | | |
| | A. | Draftsperson (C.A.D. Operator) | Per Hour | 1 | \$ | \$70.00 | \$70.00 | \$72.10 | \$72.10 | \$60.00 | \$60.00 | \$45.00 | \$45.00 | \$45.00 | \$45.00 |
| | B. | Professional Engineer | Per Hour | 1 | \$ | \$120.00 | \$120.00 | \$123.60 | \$123.60 | \$125.00 | \$125.00 | \$85.00 | \$85.00 | \$85.00 | \$85.00 |
| | C. | Engineer | Per Hour | 1 | \$ | \$85.00 | \$85.00 | \$87.55 | \$87.55 | \$95.00 | \$95.00 | \$60.00 | \$60.00 | \$70.00 | \$70.00 |
| | D. | Principal | Per Hour | 1 | \$ | \$140.00 | \$140.00 | \$164.80 | \$164.80 | \$145.00 | \$145.00 | \$125.00 | \$125.00 | \$120.00 | \$120.00 |
| | E. | Clerical / Administrative | Per Hour | 1 | \$ | \$45.00 | \$45.00 | \$46.35 | \$46.35 | \$40.00 | \$40.00 | \$35.00 | \$35.00 | \$35.00 | \$35.00 |
| | F. | Project Manager | Per Hour | 1 | \$ | \$85.00 | \$85.00 | \$87.55 | \$87.55 | \$65.00 | \$65.00 | \$60.00 | \$60.00 | \$65.00 | \$65.00 |
| | | TOTAL GROUP XXVI | | | | | \$545.00 | | \$581.95 | | \$530.00 | | \$410.00 | | \$420.00 |

Notes: Nutting Engineer provided hourly rates on E and F for Group- III
Wingert Laboratories has additional rates for Ground Penetrating Radar Reading of \$250/Hour on Group II, Line Item T.

Group XXV and XXVI shall be awarded to all bidders