

# PURCHASING AGENDA ITEM

Hernando County School District

APPROVED

AGENDA #: 24-1836

**School Board Approval Meeting:**

**December 12, 2023**

**Bid No. 22-925-37 PB RN**

**Bid Title: Geotechnical and Material  
Testing Engineering Services**

*Recommend approval of this agenda item under the specific category below:*

- |   |   |   |   |
|---|---|---|---|
| <input type="checkbox"/> Lowest Bid(s)    | <input type="checkbox"/> Request for Proposal(s)          | <input type="checkbox"/> Low Bid(s) Meeting Specification | <input type="checkbox"/> Rejection/Cancellation   |
| <input type="checkbox"/> Revised Award    | <input checked="" type="checkbox"/> Renewal of Contract   | <input type="checkbox"/> Sole Source                      | <input type="checkbox"/> Re-Award (Partial/Whole) |
| <input type="checkbox"/> Bid Termination  | <input type="checkbox"/> Revisions/Amendments to Bid      | <input type="checkbox"/> Bid Extension                    | <input type="checkbox"/> Emergency                |
| <input type="checkbox"/> Reversed Auction | <input checked="" type="checkbox"/> Piggyback Cooperative |   |   |

**Bid Contract Period:**

**12/15/2023 through 12/14/2024**

N/A – One Time Purchase

**Contract Type:**

Estimated  
Dollar Amount

Firm, Fixed  
Dollar Amount

Firm, Fixed  
Unit Prices

Firm, Fixed Unit Prices,  
Hourly Rates, Fees and/or  
Percentages

**Renewal Options:**

No. of Terms  
Remaining  
1

Length of  
Each Term (month)

Length of  
Each Term (year)  
1

None

**Rationale/Reason:** Renewal of the Piggyback of the Hernando County Board of County Commissioners, Hernando County, Florida Contract No. 20-R00082/PH: Geotechnical and Material Testing Engineering Services.

**Bidders Electronically  
Downloaded From  
Bidnet Direct Website:**

**Bids Received:**

**No Bids:**

**Late Bids:**

**Rejected Bids:**

**N/A – Bids Not  
Required: Piggyback**

**Submitted By:**

Christopher Reckner  
Director of Purchasing & Warehousing

**School(s):** District Wide

**Requested By:**

Brian Ragan  
Director of Facilities

**Department(s):** Support Operation

Recommended award, description of items and prices: (See attached)

**T/C CODE: 2237**



**EXHIBIT "B"**  
**PRICE PROPOSAL - Tierra Inc**

ITEM/Test	Unit	Price	Counter Price	Notes
Chief Scientist	hr	\$167.28		
Chief Engineer	hr	\$218.08		
Engineer	hr	\$143.53		
Engineering Intern	hr	\$100.18		
Engineering Technician	hr	\$82.13		
Principal Engineer	hr	\$227.50	\$150.00	
Secretary/Clerical	hr	\$84.00	\$42.00	
Senior Engineer	hr	\$187.84		
Senior Engineering Technician	hr	\$98.10		
Senior Designer	hr	\$118.53		
Senior Scientist	hr	\$137.46		
<b>Field and Laboratory Services</b>				
614-Geo Mobilization Mudbug/All Terrain Vehicle	Each	\$700.00		
418-Geo Drill Crew Support Vehicle	Day	\$160.00		
Geoprobe Rental	Day	\$1,700.00		
440-Geo Grout Boreholes- Truck/Mud Bug 000-050 Ft	LF	\$6.25		
441-Geo Grout Boreholes- Truck/Mud Bug 050-100 Ft	LF	\$8.00		
442-Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	LF	\$13.10		
443-Geo Grout Boreholes- Truck/Mud Bug 150-200 Ft	LF	\$18.00		
478-Geo SPT Truck-Mud Bug 0-50 Ft	LF	\$15.20		
479-Geo SPT Truck-Mud Bug 50-100 Ft	LF	\$18.10		
480-Geo SPT Truck-Mud Bug 100-150 Ft	LF	\$32.00		
481-Geo SPT Truck-Mud Bug 150-200 Ft	LF	\$42.00		
488-Geo Temp Casing 3" Truck/Mud Bug 000-050 Ft	LF	\$10.30		
489-Geo Temp Casing 3" Truck/Mud Bug 050-100 Ft	LF	\$14.00		
490-Geo Temp Casing 3" Truck/Mud Bug 100-150 Ft	LF	\$17.50		
491-Geo Temp Casing 3" Truck/Mud Bug 150-200 Ft	LF	\$22.00		
209-Asphalt Pavement Coring – 4" dia with Base Depth Check	Each	\$450.00	\$100.00	
210-Asphalt Pavement Coring – 4" dia without Base Depth Check	Each	\$400.00	\$80.00	
211-Asphalt Pavement Coring – 6" dia with Base Depth Check	Each	\$475.00	\$120.00	
212-Asphalt Pavement Coring – 6" dia without Base Depth Check	Each	\$425.00	\$90.00	
603-Mobilization Asphalt Coring equipment	Each	\$300.00	\$200.00	
415-Geo Double Ring Infiltration ASTM D3385	Each	\$525.00		
800-Soils Chloride Soil or Water (FM 5-552)	Test	\$110.00		
803-Soils Consolidation - Constant Strain (ASTM D4186)	Test	\$580.00		
804-Soils Consolidation - Extended Loads (AASHTO T216)	Test	\$50.00		
805-Soils Corrosion Series (FM 5-550 through 5-553)	Test	\$305.00		
806-Soils Direct Shear Consol Drained/ Point AASHTO T 236	Test	\$250.00		
810-Soils Limerock Bearing Ratio (LBR)(FM 5-515)	Test	\$340.00		
811-Soils Liquid Limit (AASHTO T 89)	Test	\$60.00		
812-Soils Materials Finer than 200 Sieve (FM 1-T011)	Test	\$42.00		
817-Soils Moisture Content Laboratory (AASHTO T 265)	Test	\$10.00		
819-Soils Organic Content Ignition (FM 1 T-267)	Test	\$42.00		
821-Soils Particle Size Analysis (AASHTO T 88) (Including Hyd)	Test	\$131.00		
822-Soils Particle Size Analysis (AASHTO T 88)	Test	\$67.00		
823-Soils Permeability Constant Head (AASHTO T 215)	Test	\$225.00		
824-Soils Permeability Falling Head (FM 5-513)	Test	\$225.00		
825-Soils pH Soil or Water (FM 5-550)	Test	\$35.00		
Atterberg Limit Tests (AASHTO T-89 and T-90) Combined	Test	\$130.00		
826-Soils Plastic Limit & Plasticity Index (AASHTO T 90)	Test	\$70.00		
827-Soils Proctor Modified (FM 1-T 180)	Test	\$115.00		
828-Soils Proctor Standard (AASHTO T 99)	Test	\$111.00		
829-Soils Resistivity Soil or Water (FM 5-551)	Test	\$46.00		
832-Soils Split Tensile Strength of Rock Cores (ASTM D3967)	Test	\$138.00		

**EXHIBIT "B"**  
**PRICE PROPOSAL - Tierra Inc**

ITEM/Test	Unit	Price	Counter Price	Notes
833-Soils Sulfate Soil or Water (FM 5-553)	Test	\$110.00		
838-Soils Unconfined Comp - Rock (ASTM D7012, Method C)	Test	\$138.00		
Asphalt Extraction & Gradation	Each	\$125.00		
Laboratory Classification - Sr Eng Technician	hr	\$98.10		
Carbonites	Each	\$120.00		
Asphalt Mix Design	Each	NA		
Soil Cement (Lab)	hr	NA		
Soil Cement Mix Design	Each	NA		
<b>Engineering Technician Services</b>				
Soil Densities (Nuclear)	Each	\$10.00		(1)
Additional Slump	Each	\$8.00		(1)
Concrete Cylinders Set of 4	Each	\$45.00		(1)
Asphalt Core (Depth Check) & Backfill w/asphalt	Each	\$18.00		(1)
Asphalt Plant Control	hr	NA		
<b>Miscellaneous Services</b>				
434-Geo Ground Penetrating Radar (GPR)	hr	\$350.00		
Marshal Stability	Each	NA		
401-Geo Auger Borings- Hand & Truck/Mud Bug	LF	\$10.50		
Delineation of Deleterious Soils	day	\$880.00		
Maintenance of Traffic - Minor Roadways Only	hr	\$880.00		(2)
Rolling Straight Edge	per mile	NA		
<b>Notes</b>				
Sampling required for any lab test will be performed at engineering technician rates				
(1) Unit rates do not include technician time				
(2) Cost of MOT set ups such as Bob's Barricades not included, billed at invoiced rates				

**Professional Services Industries (PSI)**

16550 Scheer Blvd. Suite 1

Hudson, FL 34667

james.kenney@intertek.com

EXHIBIT "B"				
PRICE PROPOSAL - Intertek-PSI				
ITEM/Test	Unit	Price	Counter Price	Notes
Chief Scientist	hr	\$135.00		
Chief Engineer	hr	\$175.00		
Engineer	hr	\$130.00		
Engineering Intern	hr	\$90.00		
Engineering Technician	hr	\$48.00		
Principal Engineer	hr	\$150.00		
Secretary/Clerical	hr	\$44.00		
Senior Engineer	hr	\$170.00		
Senior Engineering Technician	hr	\$85.00		
Senior Designer	hr	\$75.00		
Senior Scientist	hr	\$115.00		
<b>Field and Laboratory Services</b>				
614-Geo Mobilization Mudbug/All Terrain Vehicle	Each	\$550.00		
418-Geo Drill Crew Support Vehicle	Day	\$150.00		
Geoprobe Rental	Day	\$550.00		
440-Geo Grout Boreholes- Truck/Mud Bug 000-050 Ft	LF	\$7.00		
441-Geo Grout Boreholes- Truck/Mud Bug 050-100 Ft	LF	\$8.00		
442-Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	LF	\$10.00		
443-Geo Grout Boreholes- Truck/Mud Bug 150-200 Ft	LF	\$13.50		
478-Geo SPT Truck-Mud Bug 0-50 Ft	LF	\$14.00		
479-Geo SPT Truck-Mud Bug 50-100 Ft	LF	\$18.00		
480-Geo SPT Truck-Mud Bug 100-150 Ft	LF	\$25.00		
481-Geo SPT Truck-Mud Bug 150-200 Ft	LF	\$30.00		
488-Geo Temp Casing 3" Truck/Mud Bug 000-050 Ft	LF	\$8.00		
489-Geo Temp Casing 3" Truck/Mud Bug 050-100 Ft	LF	\$10.00		
490-Geo Temp Casing 3" Truck/Mud Bug 100-150 Ft	LF	\$12.00		
491-Geo Temp Casing 3" Truck/Mud Bug 150-200 Ft	LF	\$15.00		

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209-Asphalt Pavement Coring – 4" dia with Base Depth Check	Each	\$120.00		
210-Asphalt Pavement Coring – 4" dia without Base Depth Check	Each	\$100.00		
211-Asphalt Pavement Coring – 6" dia with Base Depth Check	Each	\$140.00		
212-Asphalt Pavement Coring – 6" dia without Base Depth Check	Each	\$115.00		
603-Mobilization Asphalt Coring equipment	Each	\$200.00		
415-Geo Double Ring Infiltration ASTM D3385	Each	\$600.00		
800-Soils Chloride Soil or Water (FM 5-552)	Test	\$100.00		
803-Soils Consolidation - Constant Strain (ASTM D4186)	Test	\$500.00		
804-Soils Consolidation - Extended Loads (AASHTO T216)	Test	\$700.00	\$50.00	
805-Soils Corrosion Series (FM 5-550 through 5-553)	Test	\$250.00		
806-Soils Direct Shear Consol Drained/ Point AASHTO T 236	Test	\$500.00	\$250.00	
810-Soils Limerock Bearing Ratio (LBR)(FM 5-515)	Test	\$300.00		
811-Soils Liquid Limit (AASHTO T 89)	Test	\$95.00		
812-Soils Materials Finer than 200 Sieve (FM 1-T011)	Test	\$60.00		
817-Soils Moisture Content Laboratory (AASHTO T 265)	Test	\$15.00		
819-Soils Organic Content Ignition (FM 1 T-267)	Test	\$60.00		
821-Soils Particle Size Analysis (AASHTO T 88) (Including Hyd)	Test	\$150.00		
822-Soils Particle Size Analysis (AASHTO T 88)	Test	\$90.00		
823-Soils Permeability Constant Head (AASHTO T 215)	Test	\$400.00		
824-Soils Permeability Falling Head (FM 5-513)	Test	\$350.00		
825-Soils pH Soil or Water (FM 5-550)	Test	\$45.00		
Atterberg Limit Tests (AASHTO T-89 and T-90) Combined	Test	\$120.00		
826-Soils Plastic Limit & Plasticity Index (AASHTO T 90)	Test	\$95.00		
827-Soils Proctor Modified (FM 1-T 180)	Test	\$90.00		
828-Soils Proctor Standard (AASHTO T 99)	Test	\$90.00		
829-Soils Resistivity Soil or Water (FM 5-551)	Test	\$100.00		
832-Soils Split Tensile Strength of Rock Cores (ASTM D3967)	Test	\$50.00		

**EXHIBIT "B"**  
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Principal Engineer	hr	\$150.00		
Secretary/Clerical	hr	\$44.00		
Senior Engineer	hr	\$170.00		
Senior Engineering Technician	hr	\$65.00		
Senior Designer	hr	\$75.00		
Senior Scientist	hr	\$115.00		
<b>Field and Laboratory Services</b>				
614-Geo Mobilization Mudbug/All Terrain Vehicle	Each	\$550.00		
418-Geo Drill Crew Support Vehicle	Day	\$150.00		
Geoprobe Rental	Day	\$550.00		
440-Geo Grout Boreholes- Truck/Mud Bug 000-050 Ft	LF	\$7.00		
441-Geo Grout Boreholes- Truck/Mud Bug 050-100 Ft	LF	\$8.00		
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443-Geo Grout Boreholes- Truck/Mud Bug 150-200 Ft	LF	\$13.50		
478-Geo SPT Truck-Mud Bug 0-50 Ft	LF	\$14.00		
479-Geo SPT Truck-Mud Bug 50-100 Ft	LF	\$16.00		
480-Geo SPT Truck-Mud Bug 100-150 Ft	LF	\$25.00		
481-Geo SPT Truck-Mud Bug 150-200 Ft	LF	\$30.00		
488-Geo Temp Casing 3" Truck/Mud Bug 000-050 Ft	LF	\$8.00		
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