



**BOARD OF COUNTY COMMISSIONERS**

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(239) 533-8881

January 18, 2023

Ms. Michelle Buchholz  
HighSpans Engineering, Inc.  
2121 McGregor Blvd., Suite 200  
Fort Myers, FL 33901

SUBJECT: CN200224JJB Miscellaneous Professional Services Contract – C-8884

ENCLOSURE: Change Order

Dear Ms. Buchholz,

Enclosed is your executed copy of Change Order No.3 for the contract known as  
“Miscellaneous Professional Services.”

This Change Order adds Sub-Consultant, Tierra, Inc. to the contract.

If you should have any questions, please give me a call.

Sincerely,

*Simon Shackelford*

Simon Shackelford  
Resource Analyst  
Procurement Management

C: [FinanceOnBase@leeclerk.org](mailto:FinanceOnBase@leeclerk.org)  
Project File



# Lee County Professional Service Change Order/Supplemental Task Authorization

Date Jan 9, 2023

[Print Form](#)

Change Order Agreement #: 03       Supplemental Task Authorization #: \_\_\_\_\_

A Change Order or Supplemental Task Authorization requires approval by the Department Director for expenditures under \$50,000 or approval by the County Manager for expenditures between \$50,000.01 and \$100,000 or approval by the Board of County Commissioners for expenditures over \$100,000

Primary Contact: Michelle L. Buchholz

Contract Name: Miscellaneous Professional Services

Project Name: \_\_\_\_\_

CONSULTANT: HighSpans Engineering, Inc.      Project #: \_\_\_\_\_

Solicitation #: CN200224JJB      Contract #: 8884

Lee County Project Manager: \_\_\_\_\_      Request Date: Jan 9, 2023

Fiscal Staff: \_\_\_\_\_      Account #: \_\_\_\_\_

Upon the completion and execution of this Change Order or Supplemental task Authorization by both parties the CONSULTANT is authorized to and shall proceed with the following exhibits as applicable:

- CO-STA Exhibit A** - SCOPE OF PROFESSIONAL SERVICE
- CO-STA Exhibit B** - COMPENSATION & METHOD OF PAYMENT
- CO-STA Exhibit C** - TIME & SCHEDULE OF PERFORMANCE
- CO-STA Exhibit D** - CONSULTANTS ASSOCIATED SUB-CONSULTANTS/SUB-CONTRACTORS

It is understood and agreed that the acceptance of this modification by the CONSULTANT constitutes an accord and satisfaction.

Michelle L. Buchholz, SVP & CFO  
Consultant Signature (Print & Sign Name)

Jan 10, 2023  
Date Signed

sbuchholz@highspans.com  
Contact E-mail Address

239-433-3000  
Contact Phone Number

**Lee County Board of County Commissioners - Procurement Management**  
2115 Second Street - 1st Floor - Fort Myers, FL 33901  
PO Box 398 - Fort Myers, FL 33902-0398  
**Phone:** (239) 533-8881



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Change Order Agreement #: 03  Supplemental Task Authorization #: \_\_\_\_\_

**Scope of Professional Services for:**

**Section 1.00 Changes to Professional Services**

The 'Scope of Professional Services' as set forth in Exhibit 'A' of the Professional Services Agreement referred to hereinbefore is hereby supplemented, changed or authorized, so that the CONSULTANT shall provide and perform the following professional services, tasks, or work as a supplement to, change to, the scope of services previously agreed to and authorized.

This zero-dollar change order is to add Tierra, Inc. as a Sub-Consultant.



[Print Form](#)

Change Order Agreement #: \_\_\_\_\_ 03 \_\_\_\_\_  Supplemental Task Authorization #: \_\_\_\_\_

**Compensation and Method of Payment for:**

**Section 1.00 Changes in Compensation**

The compensation the CONSULTANT shall be entitled to receive for providing and performing the supplemented or changed services, tasks, or work as set forth and enumerated in the Scope of Services set forth in this CHANGE ORDER OR SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit 'CO/STA-A', attached hereto shall be as follows:

**NOTE:** A Lump Sum (LS) or Not-to-Exceed (NTE) amount of compensation to be paid the CONSULTANT should be established and set forth below for each task or subtask described and authorized in Exhibit 'CO/STA-A'.

Task Number	Task Name	LS or NTE	Compensation in Agreement or STA	Change Order Only		Total Compensation per Task
				Adjustment(s) by all previous CO(s)	Adjustment(s) due to this CO	
	No Change					

**Project Total:** \_\_\_\_\_

Total amount authorized by this CO or STA: \_\_\_\_\_



[Print Form](#)

Change Order Agreement #: 03       Supplemental Task Authorization #: \_\_\_\_\_

**CONSULTANT'S Personnel Hourly Rate Schedule for:**

CONSULTANT or Sub-Consultant Name: Tierra, Inc.

(A separate Attachment #1 should be included for each Sub-Consultant)

1. Project Position or Classification (Function to be Performed)	2. Hourly Rate to be Charged
See Attachment #1 to Exhibit B	

Reimbursable Item	Cost	Reimbursable Item	Cost
See Attachment #1			
to Exhibit B			

**Receipts or in-house logs are required for all non-personnel reimbursable expenses unless exempt (such as meals).**  
Administrative Services Fees - Applicable only when specifically authorized by the County, for administering the procurement of special additional services, equipment, reimbursables, etc. not covered under the costs and/or changes established in the Agreement

## Attachment #1 to Exhibit B

## Tierra Fee Schedule

Lee County, Florida

Item Description	Unit	Unit Price
101-Aggregate Carbonates & Organic Matter FM 5-514	Test	\$ 100.00
102-Aggregate Org. Impurities S& for Concrete AASHTO T21	Test	\$ 45.00
103-Aggregate Shell Content of Coarse Aggregate FM 5-555	Test	\$ 85.00
104-Aggregate Sieve Anlsys of Fine & Coarse AASHTO T27	Test	\$ 60.00
105-Aggregate Soundness AASHTO T104	Test	\$ 300.00
106-Aggregate Specific Gravity/Absorption Coarse AASHTO T85	Test	\$ 88.00
107-Aggregate Total Moisture Content by Drying AASHTO T255	Test	\$ 35.00
108-Aggregate Unit Mass & Voids AASHTO T19	Test	\$ 55.00
109-Aggregate Specific Gravity/Absorption Fine AASHTO T84	Test	\$ 95.00
200-Asphalt Bulk Specific Gravity FM 1-T166	Test	\$ 50.00
201-Asphalt Content FM 5-563	Test	\$ 145.00
204-Asphalt Gradation FM 1-T030	Test	\$ 75.00
206-Asphalt Los Angeles (LA) Abrasion Coarse Agg FM 3-C535	Test	\$ 325.00
207-Asphalt Los Angeles (LA) Abrasion Small Agg FM 1-T096	Test	\$ 297.00
209-Asphalt Pavement Coring – 4" dia with Base Depth Check	Each	\$ 250.00
210-Asphalt Pavement Coring – 4" dia without Base Depth Check	Each	\$ 200.00
211-Asphalt Pavement Coring – 6" dia with Base Depth Check	Each	\$ 275.00
212-Asphalt Pavement Coring – 6" dia without Base Depth Check	Each	\$ 225.00
300-Concrete Beam Flexural Testing ASTM C78	Test	\$ 55.00
301-Concrete Compressive Strength of Grout/Mortar ASTM C109	Test	\$ 28.00
302-Concrete Cylinder Curing, Capping & Breaking ASTM C39	Test	\$ 35.00
303-Concrete Drilled Cores & Sawed Beams ASTM C42	Test	\$ 50.00
305-Concrete Pavement Coring - 4" Dia	Each	\$ 200.00
306-Concrete Pavement Coring - 6" Dia	Each	\$ 225.00
400- Lee County Permit for Borings up to 6 each	Each	\$ 120.00
401-Geo Auger Borings- Hand & Truck/Mud Bug	LF	\$ 10.80
402-Geo Auger Borings- Track	LF	\$ 13.75
403-Geo Backhoe (Owned)	Day	\$ 600.00
405-Geo Barge (Owned)	Day	\$ 2,650.00
407-Geo Chainsaw (Owned)	Day	\$ 55.00
415-Geo Double Ring Infiltration ASTM D3385	Each	\$ 525.00
416-Geo Dozer (Owned)	Day	\$ 800.00
418-Geo Drill Crew Support Vehicle	Day	\$ 350.00
421-Geo Dynamic Pile Testing/Pile Driving Analysis	Day	\$ 1,700.00
422-Geo Extra SPT Samples-Barge/Track/Amphibious 000-050 Ft	Each	\$ 71.00
423-Geo Extra SPT Samples-Barge/Track/Amphibious 050-100 Ft	Each	\$ 71.00
424-Geo Extra SPT Samples-Barge/Track/Amphibious 100-150 Ft	Each	\$ 85.00
425-Geo Extra SPT Samples-Barge/Track/Amphibious 150-200 Ft	Each	\$ 92.00
427-Geo Extra SPT Samples-Truck/Mud Bug 000-050 Ft	Each	\$ 71.00
428-Geo Extra SPT Samples-Truck/Mud Bug 050-100 Ft	Each	\$ 71.00
429-Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft	Each	\$ 85.00
430-Geo Extra SPT Samples-Truck/Mud Bug 150-200 Ft	Each	\$ 85.00

Item Description	Unit	Unit Price
432-Geo Field Permeability 0-10 Ft (Open - End Borehole Method)	Each	\$ 314.00
434-Geo Ground Penetrating Radar (GPR)	Hour	\$ 285.00
435-Geo Grout Boreholes- Barge/Track/Amphibious 000-050 Ft	LF	\$ 8.50
436-Geo Grout Boreholes- Barge/Track/Amphibious 050-100 Ft	LF	\$ 11.25
437-Geo Grout Boreholes- Barge/Track/Amphibious 100-150 Ft	LF	\$ 17.25
438-Geo Grout Boreholes- Barge/Track/Amphibious 150-200 Ft	LF	\$ 25.00
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
445-Geo Grouted Monitor Well 2" 000-050 Ft	LF	\$ 32.00
450-Geo Piezometer 2" 000-050 Ft	LF	\$ 44.00
453-Geo Rock Coring Barge/Track/Amphibious 000-050 Ft less than 4" ID	LF	\$ 52.00
455-Geo Rock Coring Barge/Track/Amphibious 050-100 Ft less than 4" ID	LF	\$ 68.00
457-Geo Rock Coring Barge/Track/Amphibious 100-150 Ft less than 4" ID	LF	\$ 85.00
459-Geo Rock Coring Barge/Track/Amphibious 150-200 Ft less than 4" ID	LF	\$ 94.00
463-Geo Rock Coring Truck/Mud Bug 000-050 Ft less than 4" ID	LF	\$ 45.00
465-Geo Rock Coring Truck/Mud Bug 050-100 Ft less than 4" ID	LF	\$ 52.00
467-Geo Rock Coring Truck/Mud Bug 100-150 Ft less than 4" ID	LF	\$ 60.00
473-Geo SPT Barge/Track/Amphibious 000-050 Ft	LF	\$ 21.50
474-Geo SPT Barge/Track/Amphibious 050-100 Ft	LF	\$ 28.90
475-Geo SPT Barge/Track/Amphibious 100-150 Ft	LF	\$ 53.00
476-Geo SPT Barge/Track/Amphibious 150-200 Ft	LF	\$ 70.00
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
483-Geo Temp Casing 3" Barge/Track/Amphibious 0-050 Ft	LF	\$ 14.50
484-Geo Temp Casing 3" Barge/Track/Amphibious 50-100 Ft	LF	\$ 17.50
485-Geo Temp Casing 3" Barge/Track/Amphibious 100-150 Ft	LF	\$ 20.00
486-Geo Temp Casing 3" Barge/Track/Amphibious 150-200 Ft	LF	\$ 25.00
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
515-Geo Undisturbed Samples Barge/Track/Amphibious 000-050 Ft	Each	\$ 200.00
516-Geo Undisturbed Samples Barge/Track/Amphibious 050-100 Ft	Each	\$ 215.00
517-Geo Undisturbed Samples Barge/Track/Amphibious 100-150 Ft	Each	\$ 240.00
518-Geo Undisturbed Samples Barge/Track/Amphibious 150-200 Ft	Each	\$ 255.00
519-Geo Undisturbed Samples Truck/Mud Bug 000-050 Ft	Each	\$ 200.00
520-Geo Undisturbed Samples Truck/Mud Bug 050-100 Ft	Each	\$ 200.00
521-Geo Undisturbed Samples Truck/Mud Bug 100-150 Ft	Each	\$ 200.00
522-Geo Undisturbed Samples Truck/Mud Bug 150-200 Ft	Each	\$ 220.00

Item Description	Unit	Unit Price
523-Geo Vibration & Noise Monitoring	Day	\$ 970.00
524-Geo Vibration Monitoring	Day	\$ 1,100.00
525-Geo Well Development	Hour	\$ 175.00
526-Geo Dynamic Pile Testing/Embedded Data Collector	Day	\$ 1,100.00
531-Geo Truck/Mudbug Drill Rig and Crew (2-person)	Hour	\$ 190.00
532-Geo Truck/Mudbug Drill Rig and Crew (3-person)	Hour	\$ 260.00
533-Geo Track/Barge Drill Rig and Crew (2-person)	Hour	\$ 190.00
534-Geo Track/Barge Drill Rig and Crew (3-person)	Hour	\$ 260.00
535-Geo Clearing Equip- Tractor, Bush Hog Attachment	Day	\$ 1,400.00
536-Geo Clearing Equip-Skid Steer/ASV, ForestMulching Attach	Day	\$ 1,600.00
537-Geo Clearing Equip-Skid Steer/ASV, Brush Cutter Attach	Day	\$ 1,600.00
538-Geo Clearing Equipment	Day	\$ 2,000.00
539-Geo Wash Boring for Rock Cores 0-50 Ft	LF	\$ 9.00
540-Geo Wash Boring for Rock Cores 50-100 Ft	LF	\$ 12.00
541-Geo Wash Boring for Rock Cores 100-150 Ft	LF	\$ 22.00
602-Mobilization - Vibration Monitoring Equipment	Each	\$ 230.00
603-Mobilization Asphalt Coring equipment	Each	\$ 300.00
606-Mobilization Concrete Coring	Each	\$ 300.00
609-Geo Mobilization Drill Rig Barge Mount	Each	\$ 8,600.00
610-Geo Mobilization Drill Rig Track Mount	Each	\$ 3,250.00
612-Geo Mobilization Drill Rig Truck Mount	Each	\$ 550.00
614-Geo Mobilization Mudbug/All Terrain Vehicle	Each	\$ 700.00
618-Geo Mobilization Support Boat	Each	\$ 500.00
619-Geo Mobilization Tri-Pod	Each	\$ 1,250.00
701-MOT Attenuator Truck	Hour	\$ 200.00
702-MOT Channelizing Devices - Type I, II, VP, Drum (each)	Each	\$ 5.00
706-MOT Portable Sign	Each	\$ 43.00
708-MOT Provide Channelizing Devices - Cone	Each	\$ 5.00
710-MOT Shadow Vhcle w/ Adv. Warning Arrow & Attenuator	Hour	\$ 280.00
712-MOT Support Vehicle	Hour	\$ 350.00
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 Load Increments (AASHTO T216)	Day	\$ 150.00
805-Soils Corrosion Series (FM 5-550 through 5-553)	Test	\$ 305.00
806-Soils Direct Shear Consolidated Drained/ Point AASHTO T 236	Test	\$ 350.00
810-Soils Limerock Bearing Ratio (LBR)(FM 5-515)	Test	\$ 350.00
811-Soils Liquid Limit (AASHTO T 89)	Test	\$ 60.00
812-Soils Materials Finer than 200 Sieve (FM 1-T011)	Test	\$ 45.00
817-Soils Moisture Content Laboratory (AASHTO T 265)	Test	\$ 14.00
819-Soils Organic Content Ignition (FM 1 T-267)	Test	\$ 42.00
821-Soils Particle Size Analysis (AASHTO T 88) (Including Hydrometer)	Test	\$ 200.00
822-Soils Particle Size Analysis (AASHTO T 88) (No Hydrometer)	Test	\$ 67.00
823-Soils Permeability Constant Head (AASHTO T 215)	Test	\$ 280.00



Item Description	Unit	Unit Price
824-Soils Permeability Falling Head (FM 5-513)	Test	\$ 260.00
825-Soils pH Soil or Water (FM 5-550)	Test	\$ 39.00
826-Soils Plastic Limit & Plasticity Index (AASHTO T 90)	Test	\$ 70.00
827-Soils Proctor Modified (FM 1-T 180)	Test	\$ 120.00
828-Soils Proctor Standard (AASHTO T 99)	Test	\$ 115.00
829-Soils Resistivity Soil or Water (FM 5-551)	Test	\$ 54.00
832-Soils Splitting Tensile Strength of Rock Cores (ASTM D3967)	Test	\$ 138.00
833-Soils Sulfate Soil or Water (FM 5-553)	Test	\$ 68.00
838-Soils Unconfined Compression - Rock (ASTM D7012, Method C)	Test	\$ 138.00
<b>Tierra Non Standard Test Items</b>		
Arsenic (Method 6010/7471)	Each	\$ 9.00
Asbestos Samples	Each	\$ 15.00
BTEX and MTBE (Method 8260)	Each	\$ 65.00
Chlorinated Herbicides (Method 8151)	Each	\$ 100.00
Drilling Permit Costs IE DEP	Each	\$ 250.00
EDR Report	Each	\$ 500.00
Field Sampling Kit (soil)	Each	\$ 75.00
Field Sampling Survey Kit (water)	Each	\$ 75.00
Flagman and Barricades 2-Man Crew Own Equipment	Day	\$ 1,080.00
Handheld GPS	Per Day	\$ 80.34
Mercury Individual (Method 6010/7471)	Each	\$ 25.00
Organic Vapor Analyzer (OVA)	Day	\$ 150.00
Organochlorine Pesticides (Method 8081)	Each	\$ 100.00
Organophosphorous Pesticides (Method 8141)	Each	\$ 125.00
Polyaromatic Hydrocarbons (Method 8270)	Each	\$ 100.00
Polychlorinated Biphenals (8082)	Each	\$ 75.00
Power Auger Boring (includes decontamination to a depth of 25 feet)	Foot	\$ 11.90
RCRA 8 Metals (Method 6010/7471)	Each	\$ 65.00
RCRA Metals Individual (Method 6010/7471)	Each	\$ 9.00
Semi-Volatiles (Method 8270)	Each	\$ 200.00
Site Clearing to Access Boring or Test Locations	Hour	\$ 210.00
SPLP/TCLP Metals	Each	\$ 198.00
TPH Method FL-Pro	Each	\$ 65.00
Ultr Low Trace Mercury GW Individual (Method 1631)	Each	\$ 75.00
Volatile Organics (Method 8260)	Each	\$ 95.00
Volatile Organics BTEX/MTBE(Method 8260)	Each	\$ 60.00
<b>Professional Services</b>		
Chief Scientist	Hour	\$ 165.00
Chief Engineer	Hour	\$ 220.00
Engineer	Hour	\$ 140.00
Engineering Intern	Hour	\$ 96.00
Engineering Technician	Hour	\$ 80.00
Principal Engineer	Hour	\$ 225.00
Secretary / Clerical	Hour	\$ 84.00
Senior Engineer	Hour	\$ 185.00
Senior Engineering Technician	Hour	\$ 97.00
Senior Designer	Hour	\$ 115.00
Senior Scientist	Hour	\$ 140.00
		<b>Total Estimated Fee</b>



**Print Form**

Change Order Agreement #: 03  Supplemental Task Authorization #: \_\_\_\_\_

**Time & Schedule of Performance for:**

[Empty box for Time & Schedule of Performance]

**Section 1.00 Changes for this Change Order or Supplemental Task Authorization Agreement**

The time and schedule of completion for the various phases or tasks required to provide and perform the services, tasks or work set forth in this Change Order of Supplemental Task Authorization Agreement, Exhibit 'CO/STA-A', entitled 'Scope of Professional Services' attached hereto is as follows:

Task Number Indicated in Exhibit A	Name/Title of Task	Previously Approved Number of Days per Task (CO Only)	Increase in Number of Calendar Days per Task (CO Only)	Cumulative Number of Calendar Days for Completion from Date of Notice to Proceed per Task (CO & STA)
	No Change			

**Total Number of Calendar Days for Completion of Project from Notice to Proceed:** \_\_\_\_\_

