

State of Florida Department of Transportation

AMENDMENT
TO
STANDARD PROFESSIONAL SERVICES AGREEMENT

Amendment No.: 27 Execution Date: September 10, 2007
Original Contract No.: C-8D18 Original Execution Date: November 15, 2004
Consultant Name: Earth Tech Consulting, Inc.
Agreement Description: Commuter Rail Transit Environmental Assessment
Purpose of Amendment: Add Environmental Assessment, Preliminary Engineering and Survey Services and Fees.

The terms of the original agreement, referenced above, are hereby amended as follows:

- The Consultant will perform additional services as described in the attached Exhibit "A" and for said services the Consultant will receive the Maximum Limiting Amount of \$782,012.00 distributed as shown on Attachment No. 1, Table 1, Summary of Contract fees.
- \$300,063.00 will be re-distributed from Earth Tech Consulting Inc.'s fee from Amendment No. 25, on financial project No 412994-2-32-01 to compensate for the Survey Services shown in Exhibit "A". Additional funding from the DFTA Grant in the amount of \$300,063.00 on financial project No.412994-2-32-07 is authorized to replace the funding moved from Earth Tech Consulting.
- Environmental Assessment services for the Fort Florida Station Site in the amount of \$68,693 are authorized under Financial Project No. 412994-2-22-01. Funding for these services in the amount of \$25,866.00 will be moved from Amendment No. 15, reducing the fee for Earth Tech and Systra Consulting, Inc, and \$42,827.00 will be new Fiscal year 2008 funding.
- Due to Fiscal Restraints services in the amounts of \$322,298.00 for Geotechnical and Environmental Consultants, Inc. and \$76,751 for Vanasse Hangen and Brustlin, Inc. were not included on Amendment no. 25 and are included on this amendment.
- These changes increase the total maximum compensation to the Consultant to \$24,234,501.00 for all services required under the original agreement as supplemented.

Compensation for this amendment is summarized on Attachment No. 1, Table 1, Summary of Contract Fees and payment will be made in accordance with Exhibit "B" of the Original Agreement, as amended.

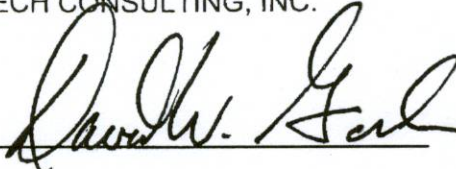
Except as hereby modified, amended or changed, all of the terms and conditions of said original agreement and any amendments thereto will remain in full force and effect.


The following attachments are hereby incorporated into this Amendment:

- Exhibit "A", Scope of Services, Pages A-1 through A-2
- Attachment No. 1, Summary of Contract Fees, Pages C-1 through C-2

EARTH TECH CONSULTING, INC.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

BY: 

BY: 

Name: David W. Gorden

Name: George S. Lovett

Title: Vice President

Title: Director of Transportation Development
District Five

CONTRACTUAL SERVICES REVIEW:

LEGAL REVIEW:





Graciela Wood
Professional Services Administrator
District Five

District Counsel
District Five

Scope of Services
 Contract C-8D18
 Central Florida Commuter Rail Transit
 Amendment No. 27

The Earth Tech Consulting, Inc. Team will provide Environmental Assessment services in accordance with your request and subsequent discussions in July, 2007. The following outlines the proposed services and fees.

Additional Project Services

Task 1 : Additional Fort Florida Road Station:

The Earth Tech Team will perform conceptual engineering and environmental assessment tasks for an additional Fort Florida CFCRT Station. The work is to be in accordance with the contract scope of work and primarily involves the following list of tasks:

• Unscheduled Public Meetings	• Right Of Way Cost Estimates
• Existing Roadway Characteristics	• Social Impacts
• Existing Parking	• Land Use Changes/Impacts
• Utilities	• Archaeological and Historical Sites
• Transportation Plans	• Section 4(F)
• Transportation Impact Analysis	• Natural Impacts
• Traffic Analysis	• Wetlands
• Transit Analysis	• Physical Impacts
• Parking Analysis	• Noise and Vibration
• Roadway Analysis	• Construction Impact Analysis
• Station Development	• Contamination
• Prepare Concept Plans	• Environmental Assessment
• Drainage Analysis	• Quality Control
• Financial Analysis	

Task 2: Public Relations

Since the public hearings in mid January 2007, additional work has been and will be required in the on-going support of the multimedia/video portion of the original contract. Some examples of what will be needed:

1. Video Coverage of 5 County/City Commissioners Meetings in July – Orange, Osceola, Seminole, Volusia, and the City of Orlando. (July 19, 23, 24, 30, 31)
2. Interviews of select officials at these County/City Commissioners meetings and FDOT personnel.
3. Write new video script. A new video will be produced in light of the 2007 developments. Length: 5 minutes.
4. Edit new video, to include recent rail events; public display of DMU, etc.
5. Develop new graphics as needed for video and public meetings
6. Develop a new animation of the rail stations map and route (to reflect revisions).
7. Select new narrator and record new narration.

8. Video tape support of any additional Rail events as needed.
9. Technical support/multimedia support of additional Commuter Rail events, presentations, or public hearings
10. Support of the CRT website as needed – compression of videos; editing of special video pieces.
11. Attend meetings as needed in support of public relations.
12. Produce DVD draft copies for reviews.
13. Production and compression of multiple video copies (on DVDs) to disseminate to the public, representatives and media at various events as needed.

Task 3: Amendment 25 Authorized but not Executed Fee

Previously the CFCRT Contract Amendment #25 scope and fee negotiations totaled \$669,191 for GEC. The executed Amendment #25 withheld \$322,298 which is now being included with this amendment.

Previously the CFCRT Contract Amendment #25 scope and fee negotiations totaled \$1,383,317 for VHB. The executed Amendment #25 withheld \$76,751 which is now being included with this amendment.

Task 4: Survey

Segment	Description	Firm
A	DeLand Station	Echezabal
C	Fort Florida Road Station	DRMP
C	Utilities - St John's to Monroe	DRMP
C	Track Profiles in Rand	DRMP
C	Sanford Station	JW&G
E	Altamonte Station	GPI
H	Utilities	Southeastern

Total

TABLE 1, SUMMARY OF CONTRACT FEES, Amendment #27				
FIN NO. 412994-2-22-01, 412994-2-32-01, & 412994-2-32-07	Original Contract	Contract Totals after Amd. No. 26	Amd No.27, This Action	Contract Totals After Amd No. 27
Consultant/ Compensation Element	Amount			
Earth Tech Consulting, Inc. (Prime Consultant)				
Basic Services (LA)* (LA-1, Table 5A), 412994-2-32-01	\$1,165,926	\$5,880,564	-\$271,136	\$5,880,564
Operating Margin (LS-12, Table 4), 412994-2-32-01	\$112,400	\$566,905	-\$28,927	\$566,905
Rail Safety Training, (LA-5)	\$0	\$4,625	\$0	\$4,625
Real Estate Services (LA)* LA-1, Table 5A)	\$0	\$135,967	\$0	\$135,967
Operating Margin Real Estate Services, (LS-12, Table 4)	\$0	\$13,108	\$0	\$13,108
Basic Services (LA)* (LA-1, Table 5A) DFTA Grant 412994-2-32-07	\$0	\$0	\$271,136	\$271,136
Operating Margin (LS-12, Table 4), DFTA Grant 412994-2-32-07	\$0	\$0	\$28,927	\$28,927
Basic Services (LA)* (LA-1, Table 5A) 412994-2-22-01, From A #15			-\$15,579	
Operating Margin (LS12, Table 4) From A #15			-\$1,862	
Basic Services (LA)* (LA-1, Table 5A) 412994-2-22-01, Ft. Florida Station	\$0	\$0	\$36,460	\$36,460
Operating Margin (LS-12, Table 4), 412994-2-22-01, Ft. Florida Station	\$0	\$0	\$3,890	\$3,890
Total Prime Consultant	\$1,278,326	\$6,601,169	\$23,109	\$6,941,582
Subconsultants				
Vanasse Hangen and Brustlin, Inc.				
Basic Services (LA)* (LA-1, Table 5A)	\$784,931	\$1,483,358	\$0	\$1,483,358
Operating Margin (LS-12, Table 4)	\$73,480	\$138,857	\$0	\$138,857
Basic Services (LA)* (LA-1, Table 5A) DFTA Grant 412994-2-32-07	\$0	\$805,180	\$70,181	\$875,361
Operating Margin (LS-12, Table 4), DFTA Grant 412994-2-32-07	\$0	\$75,372	\$6,570	\$81,942
Basic Services (LA)* (LA-1, Table 5A) 412994-2-22-01, Ft. Florida Station	\$0	\$0	\$11,531	\$11,531
Operating Margin (LS-12, Table 4), 412994-2-22-01, Ft. Florida Station	\$0	\$0	\$1,080	\$1,080
Sub-Total	\$858,411	\$2,502,767	\$89,362	\$2,592,129
Systra Consulting, Inc.				
Basic Services (LA)* (LA-1, Table 5A)	\$309,086	\$548,580	-\$7,630	\$540,950
Operating Margin (LS-12, Table 4)	\$40,301	\$71,533	-\$995	\$70,538
Basic Services (LA)* (LA-1, Table 5A) 412994-2-32-07	\$0	\$241,478	\$0	\$241,478
Operating Margin (LS-12, Table 4), 412994-2-32-07	\$0	\$31,488	\$0	\$31,488
Sub-Total	\$349,387	\$893,079	-\$8,625	\$884,454
Glatting Jackson Kercher Anglin Lopez Rinehart, Inc.				
Basic Services (LA)* (LA-1, Table 5A)	\$330,859	\$320,173	\$0	\$320,173
Operating Margin (LS-12, Table 4)	\$18,852	\$18,242	\$0	\$18,242
Sub-Total	\$349,711	\$338,415	\$0	\$338,415
Helman, Hurley Charvat Peacock Architects, Inc.				
Basic Services (LA)* (LA-1, Table 5A)	\$118,680	\$70,930	\$0	\$70,930
Operating Margin (LS-12, Table 4)	\$10,138	\$6,058	\$0	\$6,058
Basic Services (LA)* (LA-1, Table 5A) DFTA Grant 412994-2-32-07	\$0	\$231,449	\$0	\$231,449
Operating Margin (LS-12, Table 4), DFTA Grant 412994-2-32-07	\$0	\$19,308	\$0	\$19,308
Sub-Total	\$128,818	\$327,743	\$0	\$327,743
KM Chg Environmental, Inc. (DBE)				
Environmental Services (LA)* (LA-1, Table 5A)	\$120,463	\$109,730	\$0	\$109,730
Operating Margin (LS-12, Table 4)	\$11,187	\$10,190	\$0	\$10,190
Sub-Total	\$131,650	\$119,920	\$0	\$119,920
Keville Enterprises, Inc. (DBE)				
Cost Estimating Services (LA)* (LA-1, Table 5A)	\$57,188	\$39,539	\$0	\$39,539
Operating Margin (LS-12, Table 4)	\$5,458	\$3,772	\$0	\$3,772
Sub-Total	\$62,644	\$43,311	\$0	\$43,311
Dovetail Consulting, Inc. (DBE)				
Transit Operations Services (LA)* (LA-1, Table 5A)	\$78,625	\$74,822	\$0	\$74,822
Operating Margin (LS-12, Table 4)	\$7,517	\$7,157	\$0	\$7,157
Sub-Total	\$86,142	\$81,979	\$0	\$81,979
Luke Transportation Engineering Consultants, Inc. (DBE)**				
Traffic Operations Services (LA)* (LA-4, Table 6)	\$65,993	\$78,078	\$0	\$78,078
Traffic Operations Services (LA)* (LA-4, Table 6) Ft. Florida Station 412994-2-22-01	\$0	\$0	\$2,000	\$2,000
Sub-Total	\$65,993	\$78,078	\$2,000	\$80,078
Jeffrey A. Parker and Associates, Inc.**				
Financial Analysis Services (LA)* (LA-4, Table 6)	\$84,125	\$154,464	\$0	\$154,464
Direct Expenses (LA) (LA-5, Actual Cost)	\$5,166	\$4,827	\$0	\$4,827
Financial Analysis Services (LA)* (LA-4, Table 6), DFTA Grant 412994-2-32-07	\$0	\$44,910	\$0	\$44,910
Direct Expenses (LA) (LA-5, Actual Cost), DFTA Grant 412994-2-32-07	\$0	\$4,400	\$0	\$4,400
Sub Total	\$89,291	\$208,601	\$0	\$208,601
Nick Seranni,**				
Financial Analysis Services (LA)* (LA-4, Table 6)	\$28,260	\$6,808	\$0	\$6,808
Direct Expenses (LA) (LA-5, Actual Cost)	\$2,000	\$2,000	\$0	\$2,000
Sub Total	\$30,260	\$8,808	\$0	\$8,808
Archaeological Consultants, Inc. (DBE)** 412994-2-22-01				
Archaeological Services (LA)* (LA-4, Table 6)	\$64,230	\$81,318	\$0	\$81,318
Direct Expenses (LA) (LA-5, Actual Cost)	\$6,166	\$4,266	\$0	\$4,266
Archaeological Services (LA)* (LA-4, Table 6), Ft. Florida Station 412994-2-22-01	\$0	\$0	\$5,250	\$5,250
Sub-Total	\$70,396	\$85,584	\$5,250	\$90,834
Geotechnical and Environmental Associates, Inc. (DBE)**				
Geotechnical Services (LA)* (LA-4, Table 6)	\$90,253	\$120,215	\$0	\$120,215
Geotechnical Services (LA)* (LA-4, Table 6), DFTA Grant 412994-2-32-07	\$0	\$346,893	\$322,298	\$669,191
Geotechnical Services (LA)* (LA-4, Table 6), Ft Florida Station 412994-2-22-01	\$0	\$0	\$8,482	\$8,482
Sub-Total	\$90,253	\$467,108	\$330,780	\$797,888
CSX Transportation				
Rail Services, (LS-2)*	\$0	\$286,596	\$0	\$286,596
Rail Services, (LA)* (LA-4, Table 6)	\$0	\$4,202	\$0	\$4,202
Sub-Total	\$0	\$290,798	\$0	\$290,798
CANAC				
Rail Services, (LS-2)*	\$0	\$45,000	\$0	\$45,000
Sub Total	\$0	\$45,000	\$0	\$45,000
Aerial Cartographics of America, Inc.**				
Aerial Photogrammetry, (LA-4, Table 6)*	\$0	\$0	\$0	\$0
Aerial Photogrammetry, (LS-2, % completion) A #21	\$0	\$511,458	\$0	\$511,458
Sub Total	\$0	\$511,458	\$0	\$511,458
Buchheit Associates, Inc.** (DBE)				
Survey Services (LA-4, Table 6)*	\$0	\$39,534	\$0	\$39,534
Survey (LA-4, Table 6)	\$0	\$338,200	\$0	\$338,200
Mapping (IS-2)	\$0	\$45,195	\$0	\$45,195
Sub Total	\$0	\$422,929	\$0	\$422,929
John Mason				
Transit Operations Services (LA)** (LA-4, Table 6)	\$0	\$64,414	\$0	\$64,414
Direct Expenses (LA) (LA-5, Actual Cost)	\$0	\$8	\$0	\$8
Sub Total	\$0	\$64,422	\$0	\$64,422
Steve Krone: (AKA Ivizualize)				
Basic Services, (LA-4, Table 6)	\$0	\$18,000	\$0	\$18,000
Sub Total	\$0	\$18,000	\$0	\$18,000
Jones Wood & Gentry, Inc.				
Survey Services (LA-4, Table 6)*	\$0	\$48,707	\$7,130	\$55,837
Control Survey (LA-4, Table 6)*	\$0	\$172,962	\$0	\$172,962
Survey (LA-4, Table 6)*	\$0	\$817,695	\$0	\$817,695
Mapping (LS-2)*	\$0	\$111,311	\$0	\$111,311
Total	\$0	\$1,150,675	\$7,130	\$1,157,805

TABLE 1, SUMMARY OF CONTRACT FEES, Amendment #27				
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Consultant/ Compensation Element	Amount			
Lochrane Engineering, Inc.				
Survey Services (LA-4, Table 6)*	\$0	\$77,443	\$0	\$77,443
Coordination, (LA-4, Table 6)*	\$0	\$286,004	\$0	\$286,004
Optional Services (LA-4, Table 6)* Estimate for all Sections	\$0	\$500,000	\$0	\$500,000
Utility Coordination, (LA-4, Table 6)	\$0	\$78,835	\$0	\$78,835
Sub Total	\$0	\$942,282	\$0	\$942,282
Segment B, Saxon Boulevard				
Survey B, (LA-4, Table 6)*	\$0	\$403,732	\$0	\$403,732
Mapping B (LS-2)*	\$0	\$46,924	\$0	\$46,924
Utility Location Services (LA-4, Table 6)	\$0	\$28,853	\$0	\$28,853
Total Segment B, Saxon	\$0	\$479,509	\$0	\$479,509
Segment D, Lake Mary				
Survey D (LA-4, Table 6)*	\$0	\$518,419	\$0	\$518,419
Mapping D (LS-2)*	\$0	\$51,275	\$0	\$51,275
Utility Location Services (La-4, Table 6)	\$0	\$83,580	\$0	\$83,580
Total Segment D, Lake Mary	\$0	\$653,274	\$0	\$653,274
Segment I, Meadow Woods				
Survey I (LA-4, Table 6)*	\$0	\$583,170	\$0	\$583,170
Mapping I (LS-2)*	\$0	\$57,330	\$0	\$57,330
Total Segment I, Meadow Woods	\$0	\$593,457	\$0	\$593,457
Sub Total Lochrane A #25	\$0	\$2,522,590	\$0	\$2,522,590
Total Lochrane	\$0	\$2,715,565	\$0	\$2,715,565
Pecora & Blexrud, Inc.				
Salary Related Costs (LA-4, Table 6)*	\$0	\$86,875	\$0	\$86,875
Direct Expenses (LA-5, Actual Cost)	\$0	\$33,125	\$0	\$33,125
Sub Total	\$0	\$120,000	\$0	\$120,000
Marianne Ingeborg Arneberg Grunee, (D/B/A Magsolutions)				
Salary Related Costs (LA-4, Table 6)*	\$0	\$160,000	\$0	\$160,000
Sub Total	\$0	\$160,000	\$0	\$160,000
ASYST Consulting, Inc.				
Salary Related Costs (LA-4, Table 6)	\$0	\$26,790	\$0	\$26,790
Direct Expenses (LA) (LA-5, Actual Cost)	\$0	\$3,600	\$0	\$3,600
Sub Total	\$0	\$30,390	\$0	\$30,390
Bowyer Singleton & Associates, Inc.				
Survey (LA-4, Table 6)*	\$0	\$1,198,437	\$0	\$1,198,437
Mapping (LS-2)*	\$0	\$103,052	\$0	\$103,052
Sub Total	\$0	\$1,301,489	\$0	\$1,301,489
GPI Southeast, Inc. (Formerly Berryman & Henigar, Inc.)				
Survey (LA-4, Table 6)*	\$0	\$400,236	\$29,675	\$429,911
Mapping (LS-2)*	\$0	\$39,344	\$0	\$39,344
Sub Total	\$0	\$439,580	\$29,675	\$469,255
Dyer, Riddle, Mills & Precourt, Inc.				
Survey (LA-4, Table 6)*	\$0	\$1,326,166	\$41,100	\$1,367,266
Mapping (LS-2)*	\$0	\$170,222	\$10,449	\$180,671
Utility Survey Segments C & E, (LA-4, Table 6)	\$0	\$168,290	\$11,004	\$179,294
Sub Total	\$0	\$1,664,678	\$62,553	\$1,727,231
Echazabal & Associates, Inc.				
Survey (LA-4, Table 6)*	\$0	\$809,388	\$13,628	\$823,016
Mapping (LS-2)*	\$0	\$123,479	\$0	\$123,479
Sub Total	\$0	\$923,867	\$13,628	\$937,495
Southeastern Surveying and Mapping, Corporation.				
Survey (LA-4, Table 6)*	\$0	\$1,136,514	\$187,077	\$1,323,591
Mapping (LS-2)*	\$0	\$59,925	\$0	\$59,925
Utility Survey Segments F & G, (LA-4, Table 6)	\$0	\$177,125	\$0	\$177,125
Sub Total	\$0	\$1,373,564	\$187,077	\$1,560,641
Miller Legg & Associates, Inc.				
Survey (LA-4, Table 6)*	\$0	\$207,717	\$0	\$207,717
Mapping (LS-2)*	\$0	\$24,226	\$0	\$24,226
Sub Total	\$0	\$231,943	\$0	\$231,943
Zeta Tech Associates, Inc.				
Salary Related Costs (LA-4, Table 6)*	\$0	\$18,028	\$0	\$18,028
Direct Expenses (LA) (LA-5, Actual Cost)	\$0	\$0	\$0	\$0
Sub Total	\$0	\$18,028	\$0	\$18,028
Data Transfer Solutions, LLC				
Basic Services (LA)* (LA-1, Table 5A) DFTA Grant 412994-2-32-07	\$0	\$0	\$35,277	\$35,277
Operating Margin (LS-12, Table 4), DFTA Grant 412994-2-32-07	\$0	\$0	\$4,796	\$4,796
Sub Total	\$0	\$20,000	\$40,073	\$60,073
First American Title Insurance Company				
Title Search Services, LA-4, Table 6)	\$0	\$51,000	\$0	\$51,000
TLC, Inc.				
Salary Related Costs (LA-4, Table 6)	\$0	\$0	\$0	\$0
Salary Related Costs (LA-4, Table 6) DFTA Grant 412994-2-32-07	\$0	\$142,745	\$0	\$142,745
Sub Total	\$0	\$142,745	\$0	\$142,745
Total Subconsultants	\$2,312,936	\$16,851,320	\$758,903	\$17,610,223
Check		\$16,851,320	\$758,903	\$17,610,223
CONTRACT TOTAL	\$3,591,262	\$23,452,489	\$782,012	\$24,234,501
* Includes Overhead, FCCM and Expenses where applicable		Check	\$23,452,489	\$782,012
Survey Total, Amd #27			\$300,063	
Environmental Assessment Total, Amd #27			\$42,827	
Preliminary Engineering Total, Amd #27			\$439,122	
CONTRACT TOTAL			\$782,012	
** Salaries will be paid at Loaded billing rates				
# Amendment No. 21 Did not include any new funding, or funding changes				