

ITEM #46

**ADDITIONAL MATERIAL
10:00 A.M. REGULAR MEETING**

MAY 8, 2018

SUBMITTED AT THE REQUEST OF

**FINANCE and ADMINISTRATIVE
SERVICES DEPARTMENT**



Finance and Administrative Services Department

PURCHASING DIVISION

115 S. Andrews Avenue, Room 212 • Fort Lauderdale, Florida 33301 • 954-357-6066 • FAX 954-357-8535

MEMORANDUM

DATE: May 7, 2018

TO: Board of County Commissioners

THRU: Kevin B. Kelleher, Deputy CFO/Deputy Director
Finance and Administrative Services Department

Digitally signed by KEVIN
KELLEHER
Date: 2018.05.07
16:32:04 -04'00'

FROM: Brenda J. Billingsley, Director
Purchasing Division

BRENDA BILLINGSLEY

Digitally signed by BRENDA BILLINGSLEY
DN: dc=city, dc=broward, dc=bc, ou=Organization,
ou=GCC, ou=PI, ou=Users, cn=BRENDA BILLINGSLEY
Date: 2018.05.07 14:46:39 -04'00'

SUBJECT: May 8, 2018 - Commission Meeting - Agenda Item No. 46
Motion to Approve the Agreement between Broward County and Geosyntec
Consultants, Inc., for Broward County 100-Year Flood Elevation Map and
Associated Modeling, Request for Proposals (RFP) No. R2114367P1

The Agreement for Broward County 100-Year Flood Elevation Map and Associated Modeling, Request for Proposals (RFP) No. R2114367P1, for the Environmental Planning and Community Resilience Division requires the following modifications as noted below.

In Exhibit 2, Agreement pages 49-55 are replaced in its entirety. Page 49 reflects changes to introduction paragraph, "Based on the foregoing scope of work, the maximum not-to-exceed fees for each task are provided below." Pages 50-54 reflects changes to Exhibit B, multiplier calculations. Page 55, Exhibit B-1, removes "Specialized Computer Software." (Attachment)

Additionally, the signature pages have been received for the Exhibit 2 - Agreement.

BJB/dce/hmm

- c: Bertha Henry, County Administrator
- Monica Cepero, Deputy County Administrator
- George Tablack, CPA, Chief Financial Officer
- Tom Hutka, Director, Public Works Department
- Robert Melton, County Auditor
- Andrew Meyers, County Attorney

Estimated Not to Exceed Fees

Based on the foregoing scope of work, the maximum not-to-exceed fees for each task are provided below.

Task	Task Description	Geosyntec	Taylor	Adept	Strowd	Stoner	Total
1	Project Kick off and Schedule Development	\$10,508	\$4,120	\$0	\$0	\$0	\$14,628
2	Initial Data Collection and Review	\$34,680	\$10,444	\$0	\$0	\$0	\$45,124
3	Community Stakeholder Meeting Support	\$20,944	\$1,522	\$19,365	\$5,925	\$0	\$47,756
4	Supplemental Data Collection Based on Stakeholder Meetings	\$16,316	\$11,216	\$0	\$1,500	\$74,980	\$104,012
5	Develop ArcGIS Tool - MODFLOW Groundwater Output to MIKE-SHE Boundary Conditions	\$16,856	\$672	\$0	\$0	\$0	\$17,528
6	Update Current Conditions MIKE-SHE/MIKE 11 Model	\$24,316	\$159,948	\$0	\$0	\$0	\$184,264
7	Develop Future Conditions MIKE-SHE/MIKE 11 Model Input	\$35,872	\$43,850	\$0	\$0	\$0	\$79,722
8	Future Model Execution and Results Processing	\$23,992	\$30,844	\$0	\$2,700	\$0	\$57,536
9	Develop ArcGIS Tool - Coastal Zone A Model Results Integration with MIKE-SHE	\$8,024	\$39,132	\$0	\$0	\$0	\$47,156
10	Develop ArcGIS Tool - Generate Future 100-year Flood Contour Map	\$28,548	\$2,604	\$0	\$1,800	\$0	\$32,952
11	CRS Evaluation and Recommendations	\$19,308	\$0	\$0	\$0	\$0	\$19,308
12	Presentation of Results to County and Stakeholders	\$11,344	\$0	\$5,852	\$0	\$0	\$17,196
13	Prepare and Submit Draft Summary Report	\$13,984	\$6,416	\$0	\$0	\$0	\$20,400
14	Prepare and Submit Final Summary Report	\$8,808	\$2,472	\$0	\$0	\$0	\$11,280
15	Project Management	\$11,440	\$6,592	\$0	\$0	\$0	\$18,032
	Miscellaneous Reimbursables Allowance*	\$1,000	\$0	\$0	\$0	\$0	\$1,000
Totals:		\$285,940	\$319,832	\$25,217	\$11,925	\$74,980	\$717,894
% of Total		39.8%	44.6%	3.5%	1.7%	10.4%	100.0%

* Allowance to account for miscellaneous expense related to communications, production, field, travel, etc.

EXHIBIT B
MAXIMUM BILLING RATES

Project No: RFP No. R2114367P1
 Project Title: 100-Year Flood Elevation Map and Associated Modeling
 Consultant Name: GEOSYNTEC CONSULTANTS, INC.

TITLE	MAXIMUM HOURLY RATE (\$/HR)	X	MULTIPLIER	=	MAXIMUM BILLING RATE (\$/HR)
			3.0		
Staff Professional	\$33.65				\$100.95
Sr. Staff Professional	\$36.54				\$109.62
Professional	\$45.83				\$137.49
Project Professional	\$50.24				\$150.72
Sr. Professional	\$74.52				\$223.56
Principal	\$78.85				\$236.55
Sr. Principal	\$79.33				\$237.99
Engineering Tech I	\$22.25				\$66.75
Engineering Tech II	\$19.00				\$57.00
Sr. Engineering Tech I	\$24.00				\$72.00
Sr. Engineering Tech II	\$37.00				\$111.00
Site Manager I	\$31.54				\$94.62
Site Manager II	\$44.40				\$133.20
Construction Mgr. II	\$33.89				\$101.67
Designer	\$48.80				\$146.40
Sr. Drafter/CADD Op.	\$30.75				\$92.25
Drafter/CADD Op./Artist	\$27.25				\$81.75
Project Administrator	\$40.14				\$120.42
Administrative Assistant	\$36.54				\$109.62

Multiplier of 3.00 is calculated as follows:

OVERHEAD = HOURLY RATE X OVERHEAD (125.6%)

FRINGE = HOURLY RATE X FRINGE (74.4%)

OPERATING MARGIN = (HOURLY RATE + OVERHEAD + FRINGE) X OPERATING MARGIN (0%)
 $(1.00 + 1.256 + 0.744) \times 0 = 0\%$

MULTIPLIER = (HOURLY RATE + OVERHEAD + FRINGE + OPERATING MARGIN) / HOURLY RATE $(1.0 + 1.256 + 0.744) = 3.0$

**EXHIBIT B
MAXIMUM BILLING RATES**

Project No: RFP No. R2114367P1
 Project Title: 100-Year Flood Elevation Map and Associated Modeling
 Subconsultant Name: TAYLOR ENGINEERING, INC.

TITLE	MAXIMUM HOURLY RATE (\$/HR)	X	MULTIPLIER	=	MAXIMUM BILLING RATE (\$/HR)
			2.31		
President	\$99.95				\$230.88
Principal Engineer	\$69.35				\$160.20
Senior Advisor	\$73.20				\$169.09
Project Manager/Director	\$62.85				\$145.18
Senior. Professional	\$59.30				\$136.98
Project Professional	\$43.60				\$100.72
Staff Professional	\$35.35				\$81.66
Senior GIS/CAD	\$47.00				\$108.57
Stall GIS/CAD	\$34.45				\$79.58
Administrative Assistant	\$21.70				\$50.13
Engineering Intern	\$16.00				\$36.96

Multiplier of 2.31 is calculated as follows:

OVERHEAD = HOURLY RATE X OVERHEAD (100%) Safe Harbor Elected

FRINGE = HOURLY RATE X FRINGE (10%)

OPERATING MARGIN = (HOURLY RATE + OVERHEAD + FRINGE) X OPERATING MARGIN (10%)

MULTIPLIER = (HOURLY RATE + OVERHEAD + FRINGE + OPERATING MARGIN) / HOURLY RATE 2.31

Consultant has elected to use "Safe Harbor" combined fringe benefit and overhead rate of 110% in accordance with Section 5.2.5.

**EXHIBIT B
MAXIMUM BILLING RATES**

Project No: RFP No. R2114367P1
 Project Title: 100-Year Flood Elevation Map and Associated Modeling
 Subconsultant Name: STROWD ENGINEERING, LLC

TITLE	MAXIMUM HOURLY RATE (\$/HR)	X	MULTIPLIER	=	MAXIMUM BILLING RATE (\$/HR)
			2.31		
Senior Engineer	\$64.93				\$149.99

Multplier of 2.31 is calculated as follows:
 OVERHEAD = HOURLY RATE X OVERHEAD (100%) Safe Harbor Elected
 FRINGE = HOURLY RATE X FRINGE (10%)
 OPERATING MARGIN = (HOURLY RATE + OVERHEAD + FRINGE) X OPERATING MARGIN (10%)

 MULTIPLIER = (HOURLY RATE + OVERHEAD + FRINGE + OPERATING MARGIN) / HOURLY RATE 2.31

Consultant has elected to use "Safe Harbor" combined fringe benefit and overhead rate of 110% in accordance with Section 5.2.5.

**EXHIBIT B
MAXIMUM BILLING RATES**

Project No: RFP No. R2114367P1
 Project Title: 100-Year Flood Elevation Map and Associated Modeling
 Subconsultant Name: STONER & ASSOCIATES, INC.

TITLE	MAXIMUM HOURLY RATE (\$/HR)	X	MULTIPLIER	=	MAXIMUM BILLING RATE (\$/HR)
			2.51		
Principal	48.08				120.68
Sr. Professional Land Surveyor	\$39.90				\$100.15
Professional Land Surveyor	\$37.98				\$95.33
Field Crew Supervisor	\$27.88				\$69.98
Survey/CAD Technician	\$23.00				\$57.73
Survey Crew (2 Person)	\$44.75				\$112.32
Survey Crew (3 Person)	\$58.25				\$146.21
Administrative Assistant	\$28.37				\$71.21

Multiplier of 2.51 is calculated as follows:
 OVERHEAD = HOURLY RATE X OVERHEAD (97.65)%
 FRINGE = HOURLY RATE X FRINGE (30.18) %
 OPERATING MARGIN = (HOURLY RATE + OVERHEAD + FRINGE) X OPERATING MARGIN (10.00)%

 MULTIPLIER = (HOURLY RATE + OVERHEAD + FRINGE + OPERATING MARGIN) / HOURLY RATE

**EXHIBIT B
MAXIMUM BILLING RATES**

Project No: RFP No. R2114367P1
 Project Title: 100-Year Flood Elevation Map and Associated Modeling
 Subconsultant Name: ADEPT PUBLIC RELATIONS, LLC

TITLE	MAXIMUM HOURLY RATE (\$/HR)	X	MULTIPLIER	=	MAXIMUM BILLING RATE (\$/HR)
			2.31		
Public/Stakeholder Outreach	\$83.33				\$192.49

Multiplier of 2.31 is calculated as follows:
 OVERHEAD = HOURLY RATE X OVERHEAD (100%) Safe Harbor Elected
 FRINGE = HOURLY RATE X FRINGE (10%)
 OPERATING MARGIN = (HOURLY RATE + OVERHEAD + FRINGE) X OPERATING MARGIN (10)%

 MULTIPLIER = (HOURLY RATE + OVERHEAD + FRINGE + OPERATING MARGIN) / HOURLY RATE 2.31

Consultant has elected to use "Safe Harbor" combined fringe benefit and overhead rate of 110% in accordance with Section 5.2.5.

**EXHIBIT B-1
REIMBURSABLES FOR DIRECT NON-SALARY EXPENSES**

Reimbursable	Maximum Reimbursable
Copies / Plots	
B/W Copies – 8½"x11"	\$0.05 EA
B/W Copies – 11"x17"	\$0.10 EA
Color Copies – 8½" x 11"	\$1.00 EA
Color Copies – 11" x 17"	\$2.00 EA
24"x36" Color Plot	\$20.00 EA
36"x48" Color Plot	\$30.00 EA
Mounting & Laminating (Presentation Materials)	
Gator Board (3/16") Mounting with Gloss/Matte Finish	\$15.00 per SF
Digital Archiving (include copying/burning and labeling)	
USB FlashDrive / CD / DVD Data Burn	\$15.00 EA
Courier / Express Delivery Service	
Broward County	\$20.00 EA
Travel Related Expenses	
Mileage	\$0.445 Per Mile
Tolls / Parking	At Cost
Lodging / Meals	At Cost
Total Maximum Reimbursables:	