ST. PETERSBURG CITY COUNCIL

Consent Agenda

Meeting of April 6, 2017

TO: The Honorable Darden Rice, Chair, and Members of City Council

SUBJECT: A resolution authorizing the Mayor or his designee to execute Amendment No. 1 to Task Order No. 13-03-GRI/SEM to the Architect/Engineering Agreement dated February 5, 2015, between the City of St. Petersburg, Florida and Griner Engineering, Inc. ("Griner") for Griner to provide pre-design services for the Cooling Plant Project in an amount not to exceed $49,250; approving a supplemental appropriation in the amount of $74,250 from the unappropriated balance of the General Fund (0001), derived of settlement funds from the 2010 Deepwater Horizon Oil Spill (BP Settlement), to the Engineering Department, Engineering & Capital Improvements Administration (130-1341), to provide the necessary funding for this Amendment No. 1 to the Task Order and other project related costs; and providing an effective date. (Engineering Project No. 16097-110, Oracle Project 13169)

EXPLANATION: On July 25, 2013, the City Council approved an architect/engineering agreement with the professional consulting engineering firm of Griner Engineering, Inc. for the engineering services related to Solar Energy, Energy Efficiency, Mechanical, Electrical, Plumbing and Fire Protection Project.

Task Order No. 13-03-GRI/SEM, was administratively approved on July 20, 2016 in the amount of $6,200, to provide a preliminary feasibility review for a Central Chiller Plant. On November 22, 2016 Griner Engineering, Inc. submitted the final report. On December 15, 2016, City staff presented a summary of the Study to the ENRS Committee. In summary, the Study computer modeled ten (10) government owned and operated buildings in eastern downtown St. Petersburg. The estimated cost to build a Central Plant and supporting infrastructure to the 10 buildings is $10,518,880, with an annual energy savings of $259,885, resulting in a simple return on investment of 40.5 years. The ENRS committee asked City staff to return with a proposal to perform a life cycle cost analysis.

On February 9, 2017, City staff presented to the ENRS committee a cost of $74,250 to complete a thorough life cycle cost analysis to be delivered in six (6) months from notice to proceed. Griner Engineering, Inc. was selected to provide these services as an amendment to Task Order No.13-03-GRI-SEM. Griner Engineering, Inc. has experience with chiller plant design and distribution, and also has the proposed Cooling Plant system computer modeled, which will be used as the basis of evaluation for this phase.

Amendment No. 1 to Task Order No. 13-03-GRI/SEM, in the amount of $49,250, includes creating a life cycle cost analysis for a baseline design and then comparing the baseline for three (3) other designs to complete a present value analysis which will include utility, operation and maintenance costs. To perform this analysis, all codes, regulations, rebates, grants and tax credits will be captured. The scope also includes the A/E to estimate a cost to produce and sell chilled water commodity, and assist with informing interested private owners in analyzing the opportunity. The aggregate amount of this Task Order is $55,450.

CB-18

Based on the above information, Administration recommends authorizing the Mayor or his designee to execute Amendment No. 1 to Task Order No. 13-03-GRI/SEM to the architect/engineering agreement dated February 5, 2015 between the City of St. Petersburg and Griner Engineering, Inc. in an amount not to exceed $49,250; authorizing a supplemental appropriation in the amount of $74,250 to provide funding from the unappropriated balance of the General Fund (0001), derived of settlement funds from the 2010 Deepwater Horizon Oil Spill (BP Settlement), to the Engineering Department, Engineering and Capital Improvement Administration (130-1341) for the A/E Agreement; and other project related costs. (Engineering Project No. 16097-110, Oracle Project 13169)

COST/FUNDING/ASSESSMENT INFORMATION: Funds will be available after the approval of the supplemental appropriation in the amount of $74,250 from the unappropriated balance of the General Fund (0001), derived of settlement funds from the 2010 Deepwater Horizon Oil Spill (BP Settlement), to the Engineering Department, Engineering and Capital Improvement Administration (130-1341). (Engineering Project No. 16097-110, Oracle Project 13169)

ATTACHMENTS: Resolution
Task Order Amendment No. 1

APPROVALS:

Administrative: Brejesh Prayman for CT

Budget: Stacy McKa

RESOLUTION NO. 2017-_____

A RESOLUTION AUTHORIZING THE MAYOR OR HIS DESIGNEE TO EXECUTE AMENDMENT NO. 1 TO TASK ORDER NO. 13-03-GRI/SEM TO THE ARCHITECT/ ENGINEERING AGREEMENT DATED FEBRUARY 5, 2015, BETWEEN THE CITY OF ST. PETERSBURG, FLORIDA AND GRINER ENGINEERING, INC. ("GRINER") FOR GRINER TO PROVIDE PRE-DESIGN SERVICES FOR THE COOLING PLANT PROJECT IN AN AMOUNT NOT TO EXCEED $49,250; APPROVING A SUPPLEMENTAL APPROPRIATION IN THE AMOUNT OF $74,250 FROM THE UNAPPROPRIATED BALANCE OF THE GENERAL FUND (0001), DERIVED OF SETTLEMENT FUNDS FROM THE 2010 DEEPWATER HORIZON OIL SPILL (BP SETTLEMENT), TO THE ENGINEERING DEPARTMENT, ENGINEERING & CAPITAL IMPROVEMENTS ADMINISTRATION (130-1341), TO PROVIDE THE NECESSARY FUNDING FOR THIS AMENDMENT NO. 1 TO THE TASK ORDER AND OTHER PROJECT RELATED COSTS; AND PROVIDING AN EFFECTIVE DATE. (ENGINEERING PROJECT NO. 16097-110, ORACLE PROJECT 13169)

WHEREAS, the City of St. Petersburg, Florida ("City") and Griner Engineering, Inc. ("Griner") entered into an architect/engineering agreement dated February 5, 2015 for Griner to provide miscellaneous professional services for Solar Energy, Energy Efficiency, Mechanical, Electrical, Plumbing and Fire Protection Projects; and

WHEREAS, on July 20, 2016, Task Order No. 13-03-GRI/SEM was administratively approved in the amount of $6,200 for Griner to provide a preliminary feasibility review for a Central Chiller Plant ("Chiller Plant") and on November 22, 2016, Griner submitted the final report; and

WHEREAS, on December 15, 2016, City staff presented a summary of the Chiller Plant study to the ENRS Committee ("ENRS"); and

WHEREAS, on February 9, 2017, City staff returned to the ENRS and presented a cost of $74,250 to complete a thorough life cycle cost analysis of the Chiller Plant to be delivered within six (6) months from notice to proceed; and

WHEREAS, Amendment No. 1 to Task Order No. 13-03-GRI/SEM, in the amount of $49,250, includes creating a life cycle cost analysis for the Chiller Plant for a baseline design and a comparison baseline for three (3) other designs to complete a present value analysis to include utility, operation and maintenance costs; and

WHEREAS, a supplemental appropriation in the amount of $74,250 from the unappropriated fund balance of the General Fund, BP Settlement funds, to the Engineering Department, Engineering & Capital Improvements Administration is necessary to fund this Amendment No. 1 to Task Order and other project related costs; and

WHEREAS, Administration recommends approval of this Resolution.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of St. Petersburg, Florida, that the Mayor or his designee is hereby authorized to execute Amendment No. 1 to Task Order No. 13-03-GRI/SEM to the architect/engineering agreement dated February 5, 2015 between the City of St. Petersburg, Florida and Griner Engineering, Inc. ("Griner") for Griner to provide pre-design services for the Cooling Plant Project in an amount not to exceed $49,250.

BE IT FURTHER RESOLVED, that there is hereby approved from the unappropriated fund balance of the General Fund (0001), BP Settlement Funds, the following supplemental appropriation for FY17:

General Fund (0001)	
Engineering & Capital Improvements Administration (130/1341)	$74,250

This resolution shall become effective immediately upon its adoption.

Approved by:

Legal Department
By: (City Attorney or Designee)

Approved by:

Brejesh Prayman, P.E., ENV SP
Engineering & Capital Improvements Director

Tom Greene
Budget Director
00315381 Final

AMENDMENT NO. 1 TO TASK ORDER NO. 13-03-GRI/SEM
CENTRAL CHILLER PLANT FEASABILITY STUDY
SOLAR ENERGY, ENERGY EFFICIENCY, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION PROJECTS
CITY PROJECT NO. 16097-110

This Amendment No. 1 to Task Order No. 13-03-GRI/SEM is made and entered into this ___ day of _____, 201__, pursuant to the ARCHITECT/ENGINEERING AGREEMENT FOR MISCELLANEOUS PROFESSIONAL SERVICES FOR SOLAR ENERGY, ENERGY EFFICIENCY, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION PROJECTS dated February 5, 2015 ("Agreement") between GRINER ENGINEERING, INC. ("A/E"), and the City of St. Petersburg, Florida ("City"), and upon execution shall become a part of the Agreement.

I. DESCRIPTION OF PROJECT

The City of St. Petersburg is interested in developing sustainable community projects that will stimulate economic development, reduce greenhouse gas emissions and improve the reliability of air conditioning systems within the city. On November 22, 2016, the A/E was commissioned to perform a simple study of the feasibility of a district cooling plant serving the eastern St. Petersburg downtown core. The results of this study estimated a cost of $10,518.880 with a 40.5 year payback and -3.4% internal rate of return to build the plant and supporting infrastructure to connect ten (10) buildings to the new chilled water loop. The ten (10) buildings are publically owned and operated facilities which include six (6) City of St. Petersburg buildings, three (3) Pinellas County buildings and one (1) Florida State building.

In this Amendment, the A/E will provide a more thorough analysis of the system economics using supporting data to improve the already developed energy model. The result of this analysis with be a Study that includes a life cycle cost analysis with present value estimates. The baseline design for this Study will be the ten (10) buildings in the original Task Order as they stand today, compared to three options: Option 1 - the ten (10) buildings on the new loop, Option 2 – the ten (10) buildings with energy enhanced equipment in the Plant, and Option 3 – the ten (10) buildings plus four (4) privately owned buildings.

The ultimate goal of this enhanced study is for the City of St. Petersburg to fully understand if implementing a central chilled water plant in the downtown core is economically viable and provide the data necessary to make the decision of whether this concept should proceed into a design phase.

II. SCOPE OF SERVICES

Task No. 1 – Provide a Life Cycle Cost Analysis (LCCA) report for a baseline design and then compare the baseline design to three (3) options. Include a present value cost for a 25-year period and a simple payback for each option including the baseline.

A. **Baseline: Do nothing – all 10 buildings currently identified stay stand alone**
   - Update the energy model created in Phase 1 with actual building information to improve accuracy
   - Collect and use current maintenance costs (staff, contracts, parts, etc.) in LCCA

- Follow ASHRAE guidelines to complete utility bill analysis to include in LCCA. For buildings served by chillers, if specific data is required for the existing systems City will hire a sub-contractor to install temporary sub-meters to collect accurate data
- Conduct site visits to collect age of equipment and estimate capital cost replacement for LCCA

B. 10 Buildings on DCP as designed

- Assist City in securing letters of interest from County and State for their buildings to be part of the DCP loop
- Review building HVAC infrastructure to improve accuracy of estimate to tie each building into the loop
- Solidify piping path and costs by creating a plan and collecting rough order of magnitude budgets
- Support City in identifying potential sites for DCP and include real estate costs in LCCA

C. 10 Buildings on DCP with enhancements to Plant

- Conduct a LCCA with the following Plant enhancements to identify which are viable.
- Perform the analysis of each as stand-alone enhancements and then combined to give the best financially option available
  - Thermal ice storage tanks
  - Ground source
  - Sea water

D. 10 + private buildings on DCP

- Assist City by attending meetings with potential private owners interested in DCP
- Create new LCCA built on A-2 and A-3 (best combination only) when City identifies a new potential load from a private building
- Estimate the cost to build in this capacity

Task No. 2 – Estimate a cost to produce and sell the chilled water commodity.

- Operation cost review of Plant
- Estimate a cost to produce based on LCCA scenarios
- Suggest sale price equivalent to current market of other DCP in the region

Task No. 3 – Provide a thorough code review for building a district cooling plant in downtown St. Petersburg, FL.

- Perform codes and regulations review to summarize impacts based on the different options in A

Task No. 4 – Describe all rebate/grant/tax credit opportunities available for constructing a district cooling plant.

- Review availability and work into LCCA
- Include deadlines and other criteria

Task No. 5 – Support the City as they work to identify potential private building owners interested in being connected to the new cooling loop.

- Participate in the survey of potential customers
- Provide up to four (4) LCCA for potential interested private building owners that will compare their current equipment to connecting to the new cooling loop
- Present results in this report

Task No 6 – Produce bid documents for the City to run solicitation of businesses interested in building and operating a DCP

- Identify companies interested in bidding for such a project.

Task No. 7 – Develop ideas of how this plant could expand towards the Tropicana Field site and new police station or be prepared for new customers in the downtown core.

- Assuming the redeveloped Tropicana site has the same load capacity of the current field
- Provide cost estimate figure that City can use to evaluate growth opportunities.

III. SCHEDULE

NTP + 4 weeks:

- Collect utility bills for 10 buildings and update model
- Conduct Site visits to collect age of equipment and estimate capital costs
- Work with City to Identify real estate location
- Collect relevant data from other local plants

NTP + 4-8 weeks:

- Install electrical sub-meters where needed
- Solidify piping layout based on real estate location
- Research code and regulation impacts
- Research grant and rebate possibilities
- Start to meet with potential customers, as set up by City

NTP + 8-12 weeks:

- Analyze sub-meter data and adjust models
- Build model for Task 3
- Conduct PV calculations for Task 1 – 3
- Analyze and model potential customers
- Develop strategy for growth

NTP + 13–16 weeks:

- Deliver results to potential customers
- Produce draft report
- Start solicitation document

NTP + 17-24 weeks:

- Complete solicitation document
- Produce final report

NTP + 25-28 weeks:

- Present results to City

IV. A/E'S RESPONSIBILITIES

- A/E will provide engineering analysis and support for items in Section II Scope of Services
- A/E will attend meetings and presentations in support of the project
- A/E will respond to Council questions and comments

V. CITY'S RESPONSIBILITIES

- CITY will provide A/E with utility information for the buildings to be included in the analysis
- CITY will provide A/E with assistance in obtaining information on existing HVAC equipment
- CITY will provide access to facilities for purposes of the analysis
- CITY will assign a local project representative and point of contact to communicate and coordinate with the A/E
- CITY will hire an electrical contractor to install sub-meters on equipment to define the electrical load better, as required

VI. DELIVERABLES

- A/E will deliver updates and analyses monthly or more often as needed
- A/E will deliver four (4) hard copies to the local project representative, and e-mail electronic copies to the local project representative, the City Council Administrative Service Officer and each City Council member.
- A/E will deliver eleven (11) hard copies – two (2) to the local project representative and nine (9) to each of the City Council Administrative Service Officer, and e-mail electronic copies to the local project representative, the City Council Administrative Service Officer and each City Council member
- A/E will include clear descriptions of all data utilized, methodology utilized and assumptions made. All calculations, specifications and quotes will be included as well.
-

VII. A/E'S COMPENSATION

- Architecture, Structural, Energy, Mechanical, Electrical, Plumbing Engineering: $49,250, lump sum
- Please see attached Task Fee Breakdown

VIII. PROJECT TEAM

- Griner Engineering

IX. MISCELLANOUS

In the event of a conflict between this Amendment No. 1 to Task Order and the Agreement, the Agreement shall prevail.

IN WITNESS WHEREOF the Parties have caused this Task Order to be executed by their duly authorized representatives on the day and date first above written.

ATTEST

By: _____
Chandrahasa Srinivasa
City Clerk

(SEAL)

CITY OF ST. PETERSBURG, FLORIDA

By: _____
Brejesh Prayman, P.E., ENV SP, Director
Engineering & Capital Improvements

DATE: _____

APPROVED AS TO FORM FOR CONSISTENCY
WITH THE STANDARD TASK ORDER.
NO OPINION OR APPROVAL OF THE SCOPE
OF SERVICES IS BEING RENDERED BY
THE CITY ATTORNEY'S OFFICE

By: _____
City Attorney (Designee)

Griner Engineering Inc.
(Company Name)

By: _____
(Signature)
Joseph H. Griner III, President
(Printed Name and Title)

Date: _____

WITNESSES:

By: _____
(Signature)
_____
(Printed Name)

By: _____
(Signature)
_____
(Printed Name)

St. Petersburg District Cooling Phase II
Engineering Fee Breakdown

2/1/2017

Phase			Hours	Rate	Fee
A. 1. Baseline					
Mechanical					
	Clerical		15	40	$600
	CADD Operator		21	50	$1,050
	Designer		0	65	$0
	Engineer		100	75	$7,500
	Principal		8	125	$1,000
		Subtotal	144		$10,150
A.2. Buildings on DCP as Designed					
Mechanical					
	Clerical		8	40	$320
	CADD Operator		20	50	$1,000
	Designer		0	65	$0
	Engineer		100	75	$7,500
	Principal		8	125	$1,000
		Subtotal	136		$9,820
A.3. 10 Buildings on DCP with Enhancements to the Plant					
Mechanical					
	Clerical		8	40	$320
	CADD Operator		20	50	$1,000
	Designer		0	65	$0
	Engineer		60	75	$4,500
	Principal		4	125	$500
		Subtotal	92		$6,320
A.4. 10 + Private Buildings on DCP					
Mechanical					
	Clerical		10	40	$400
	CADD Operator		20	50	$1,000
	Designer		0	65	$0
	Engineer		60	75	$4,500
	Principal		4	125	$500
		Subtotal	94		$6,400
B. Cost to Produce and Sale Price					
Mechanical					
	Clerical		6	40	$240
	CADD Operator		0	50	$0

	Designer		0	65	$0
	Engineer		42	75	$3,150
	Principal		4	125	$500
		Subtotal	52		$3,890
C. Code Review					
Mechanical					
	Clerical		4	40	$160
	CADD Operator		0	50	$0
	Designer		0	65	$0
	Engineer		40	75	$3,000
	Principal		4	125	$500
		Subtotal	48		$3,660
D. Rebate/Grant/Tax Credit Opportunities					
Mechanical					
	Clerical		2	40	$80
	CADD Operator		0	50	$0
	Designer		0	65	$0
	Engineer		36	75	$2,700
	Principal		4	125	$500
		Subtotal	42		$3,280
E. Customer Base I.D					
Mechanical					
	Clerical		4	40	$160
	CADD Operator		0	50	$0
	Designer		0	65	$0
	Engineer		36	75	$2,700
	Principal		4	125	$500
		Subtotal	44		$3,360
F. Solicitation of Interest					
Mechanical					
	Clerical		8	40	$320
	CADD Operator		0	50	$0
	Designer		0	65	$0
	Engineer		24	75	$1,800
	Principal		2	125	$250
		Subtotal	34		$2,370
G. Cost to Grow					
Mechanical					
	Clerical		0	40	$0
	CADD Operator		0	50	$0
	Designer		0	65	$0

	Engineer		0	75	$0
	Principal		0	125	$0
		Subtotal	0		$0
		Total			$49,250

MEMORANDUM

CITY OF ST. PETERSBURG

Engineering and Capital Improvements Department

TO: The Honorable Darden Rice, Chair, and City Councilmembers

FROM: Brejesh Prayman, P.E., ENV SP, Director
Engineering & Capital Improvements Department

RE: Consultant Selection Information
Firm: Griner Engineering, Inc.
Task Order No. 13-03-GRI/SEM in the amount of $49,250

This memorandum is to provide information pursuant to City Council Policy and Procedures Manual, Chapter 3, Section I(F.) for agenda package information.

1. Summary of Reasons for Selection

   Griner Engineering, Inc. has satisfactorily performed a primary analysis of the proposed District Cooling Plant and in this work, created a computer model of the system.

   This scope of work is a progression from the preliminary analysis phase to perform a in depth evaluation.

   This firm has extensive knowledge of this model and will perform the necessary enhancements to provide the detailed life cycle cost analysis requested in this task order.

   Previous knowledge and understanding of the scope and Project background along with Griner Engineering, Inc.'s extensive experience in the design of chiller plants supports our selection of this firm to complete the scope of work.

   This is the third A/E Annual Master Agreement this firm is performing under for the City. This is the first Task Order issued under the 2013 Master Agreement.

2. Transaction Report listing current work – See Attachment A

TASK ORDER LOG

A/E Agreement - July 26, 2013
Miscellaneous Professional Services for Solar Energy, Energy Efficiency, Mechanical, Electrical, Plumbing & Fire Protection Projects - DESIGN

CONSULTANT: **Griner Engineering, Inc.**

13 TO#	GRI/SEM Project #	Project Title	Project Manager	NTP	Authorized Amount
		MODIFIED ON February 5, 2015 **EXPIRES ON July 25, 2017**			
01	12221-119	Leisure & Community Services Bldg HVAC Relacement	SDM	10/18/13	3,500.00
N/A	15042-118	Preliminary HVAC Design Report Fire Station Four (NOTE - This NTP was issued as a Non-Task Order per Steve M request - Work Order had not been approved yet)	SDM	12/11/14	1,000.00
02	16100-125	Fleet Fuel Dispensing & Security Upgrades	CF	10/25/16	11,700.00
03	16097-110	Central Energy Plant Feasiblity Study	PK	07/20/16	6,200.00
04	12221-219	Leisure Services Complex HVAC	RH	03/15/17	4,080.00
				Total:	26,480.00

REQUEST FOR QUALIFICATIONS

Miscellaneous Professional Services

SOLAR ENERGY, ENERGY EFFICIENCY, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION PROJECTS

I. LEGAL ADVERTISEMENT

The City of St. Petersburg, Florida is requesting Statements of Qualifications from qualified firms or individuals interested in performing miscellaneous professional engineering services on a continuing basis for the City's solar energy, energy efficiency, mechanical, electrical, plumbing, and fire protection projects and other related projects.

Written Statements of Qualifications will be accepted by the City of St. Petersburg at the St. Petersburg Engineering & Capital Improvements Department, seventh floor, Municipal Services Center, One Fourth Street North, St. Petersburg, Florida 33701, until 4:00 P.M., April 3, 2013.

Detailed information and data to be submitted with the qualification statement are available at the office of the Engineering & Capital Improvements Department, seventh floor, Municipal Services Center, One Fourth Street North, attention of Roxanne Phillips (727) 893-7295 (Roxanne.Phillips@stpete.org).

The City of St. Petersburg reserves the right at any time to modify, waive, or otherwise vary the terms and conditions of this Request for Qualifications including, but not limited to, the deadlines for submission, the submission requirements, and the Scope of Work. The City further reserves the right to reject any or all submittals, to cancel or withdraw this Request for Qualifications at any time and to negotiate with any party prior to or after submittal of any Statements of Qualifications. Selection is also dependent upon the negotiation of a mutually acceptable contract with the successful proposer.

CITY OF ST. PETERSBURG, FLORIDA
THOMAS B. GIBSON, P.E.
ENGINEERING & CAPITAL IMPROVEMENTS DIRECTOR

APPROVED: Thomas B. Gibson Date: 2-26-2013
Engineering & Capital Improvements Department

II. INSTRUCTIONS TO PROPOSERS

A. REQUEST FOR QUALIFICATIONS (RFQ) SUMMARY

1. RFQ Scope: The City of St. Petersburg, Florida, is requesting Statements of Qualifications (SOQs) and intends to select a group of two (2) or more firms from qualified firms or individuals interested in performing the professional services described in this RFQ. A detailed description of the scope of services is contained in Appendix A.

2. RFQ Schedule: The disposition of SOQs for this project will be governed by the following schedule:

March 1, 2013	RFQ Distribution/Legal Advertisement.
April 3, 2013	Written SOQs (Six (6) hard copies and one copy on a CD in pdf format) due at the office of the Engineering & Capital Improvements Director, seventh floor, Municipal Services Center, One Fourth Street North, St. Petersburg, Florida 33701, 4:00 P.M.
May 1, 2013	All of those submitting SOQs are contacted to inform them of outcome of review and shortlisting.
May 29, 2013	Interviews with those shortlisted and final selection.
June, 2013	Contract Negotiation.
July, 2013	City Council Acceptance and Award.

3. Period of Performance

July, 2013 through July, 2014	Provide continuous services for a period of one (1) year, with an additional three (3) one (1) year renewable options

B. GENERAL INSTRUCTIONS

1. News Releases: Public disclosure regarding this RFQ, the SOQs or subsequent awards, will be coordinated by the City of St. Petersburg.

2. Inquiries: Questions regarding the RFQ may arise as proposing firms are preparing their documents. Please direct questions to:

Mr. H. Phillip Keyes, P.E., Design Manager
City of St. Petersburg
Engineering & Capital Improvements Department
One 4th Street North
St. Petersburg, Florida 33701
Telephone: (727) 893-4165

Written Statement of Qualifications Received

Solar Energy, Energy Efficiency, Mechanical, Electrical, Plumbing & Fire Protection Projects
April 3, 2013

	Firm	Location
1	Advanced Systems Engineering, Inc.	Clearwater, FL
2	Affiliated Engineers, Inc.	Tampa, FL
3	AMEC Environment & Infrastructure, Inc.	St. Pete, FL
4	Consulting Engineering Associates, Inc.	Tampa, FL
5	Engineering Matrix, Inc.	St. Pete, FL
6	GLE Associates, Inc.	Tampa, FL
7	Griner Engineering, Inc.	St. Pete, FL
8	Hahn Engineering, Inc.	Tampa, FL
9	Mashayekhi Consultants, Inc.	St. Pete, FL
10	Matern Professional Engineering	Tampa, FL
11	TLC Engineering for Architecture, Inc.	Tampa, FL
12	VoltAir Consulting Engineers, Inc.	Tampa, FL

Prepared by: R. Phillips

Solar Energy, Energy Efficiency, Mechanical, Electrical, Plumbing, and Fire Protection Projects.

CONSULTANT PRESENTATION SCHEDULE

Wednesday, May 29, 2013

9:20 am	Advanced Systems Engineering, Inc.
10: 00 am	Affiliated Engineers, Inc.
10:40 am	Griner Engineering, Inc.
11:20 am	Hahn Engineering, Inc.
12:00 pm	Lunch Break
12:40 pm	Mashayekhi Consultants, Inc.
1:20 pm	Matern Professional Engineering

Firms are requested to address the following experience:

- Design of high efficiency HVAC systems for libraries, fire stations & theaters
- System Start-Up and Commissioning
- Design of BAS (building automation systems)

May 29, 2013

The Consultant Selection Committee has completed their evaluation and selected the following firms for the Solar Energy, Energy Efficiency, Mechanical, Electrical, Plumbing, and Fire Protection Projects:

- **Affiliated Engineers, Inc.**
- **Griner Engineering, Inc.**
- **Mashayekhi Consultants, Inc.**
- **Matern Professional Engineering**

The presentations were all very interesting and informative and we appreciate the time and effort that you put into your presentation.

Thank you for participating in the City's consultant selection process.

Thomas B. Gibson, P.E.
Engineering & Capital Improvements Director
City of St. Petersburg, FL