



General Services Administration
 Federal Supply Service
 Authorized Federal Supply Schedule Price List

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through GSA Advantage, a menu-driven database system. The web address for GSA Advantage is www.GSAAdvantage.gov.

Schedule Title:	Energy Management Services, Federal Supply Schedule
Contract Number:	GS-21F-0022V
Contract Period:	December 15, 2013 to December 14, 2018
Contractor's name, address, and phone number:	Abraxas Energy Consulting 811 Palm Street San Luis Obispo, CA 93401 Phone: 805-547-2050 Fax: 805-456-0180
Contract Administrator:	Tyler Stafford, Program Manager
Business Size:	Small, 8(a)

For More information on ordering from Federal Supply Schedules click on the FSS Schedules button at <http://www.fss.gsa.gov>

Customer Information

1. **Table of awarded special item numbers:**
(see Summary of Services Attachment A)

SIN 871-202	Energy Management Planning Strategies
SIN 871-205	Energy Program Support Services
SIN 871-206	Building Commissioning Services
SIN 871-207	Energy Audit Services
SIN 871-210	Water Conservation Services



2. **Maximum Order:** \$1,000,000
3. **Minimum Order:** \$100
4. **Geographic Coverage:** Domestic/Worldwide
5. **Points of Production:** N/A
6. **Discount from list prices or statement of net price:** Prices shown are net prices
7. **Quantity Discounts:** 1% on orders over \$500,000
8. **Prompt Payment Terms:** Net 30
- 9a. **Government Purchase Cards:** Accepted at or below the micro-purchase threshold
- 9b. **Government Purchase Cards:** Accepted above the micro-purchase threshold
10. **Foreign Items:** N/A
- 11a. **Time of Delivery:** To be negotiated with ordering agency with each task order
- 11b. **Expedited Delivery:** N/A
- 11c. **Overnight and 2-day delivery:** N/A
- 11d. **Urgent Requirements:** Agencies can contact the Contractor's representative to effect a faster delivery.
12. **F.O.B. Point:** Destination negotiated
- 13a. **Ordering Address:** 811 Palm Street, San Luis Obispo, CA 93401
- 13b. **Ordering procedures:** Found in Federal Acquisition Regulation (FAR) 8.405-3
14. **Payment Address:** P.O BOX 1269, San Luis Obispo, CA 93406
15. **Warranty Provision:** N/A
16. **Export packing charges:** N/A

17. **Terms and conditions of Government purchase card acceptance (any thresholds above the micro purchase card threshold):** Abraxas accepts the maximum level accepted by the relevant federal agency
18. **Terms and conditions of rental maintenance and repair:** N/A
19. **Terms and conditions of installation:** N/A
20. **Terms and conditions of repair parts:** N/A
21. **Service and distribution points:** N/A
22. **Participating dealers:** N/A
23. **Preventative maintenance:** N/A
- 24a. **Special attributes such as environmental attributes:** N/A
- 24b. **Section 508 compliance information:** N/A
25. **Data Universal Numbering System (DUNS):** 130695385
26. **SAM Registration Notification:** Active

ATTACHMENT A

Summary of Services Offered Under Abraxas' Contract

SIN 871-202 ENERGY MANAGEMENT PLANNING AND STRATEGIES

Utility Bill Tracking Software and Services	<p>We sell <u>Metrix Utility Accounting System</u>. Metrix is used by energy managers to track energy savings from energy conservation projects. Metrix creates thousands of energy reports.</p> <p>We can set up your bill tracking database. We can create custom reports are available to meet your needs.</p>
Consulting, Auditing / Energy Management Solutions	<p>We perform energy audits, Retro-Commissioning Strategic planning and energy assessments involving various software applications.</p> <p>Develop detailed assessments, energy audits, billing analysis and energy management solutions.</p>
Implementation & Change Management	<p>We provide energy management and facility management training to implement more energy efficient practices and systems.</p>
Metering Services	<p>We provide a full range of short term and long term metering services that allow our customers to establish load profiles, manage demand, allocate energy consumption to different areas, allocate energy costs, negotiate with suppliers, monitor energy savings from energy conservation measures or performance contracts</p>
Measurement & Verification (M&V)	<p>We can determine the most cost effective and optimal M&V approach to ensure validation of energy conservation measure performance.</p> <p>In addition, we can determine energy and cost savings from your energy conservation projects using all IPMVP M&V Options, from data-logging and spreadsheets to utility bill comparison.</p>

SIN 871-205 ENERGY PROGRAM SUPPORT SERVICES

<p>Utility Bill Tracking Software and Services</p>	<p>We sell <u>Metrix Utility Accounting System</u>. Metrix is used by energy managers to track energy savings from energy conservation projects. Metrix creates thousands of energy reports.</p> <p>We can set up your bill tracking database. We can create custom reports are available to meet your needs.</p>
<p>Consulting, Auditing / Energy Management Solutions</p>	<p>We perform energy audits, Retro-Commissioning Strategic planning and energy assessments involving various software applications.</p> <p>Develop detailed assessments, energy audits, billing analysis and energy management solutions.</p>
<p>Implementation & Change Management</p>	<p>We provide energy management and facility management training to implement more energy efficient practices and systems.</p>
<p>Metering Services</p>	<p>We provide a full range of short term and long term metering services that allow our customers to establish load profiles, manage demand, allocate energy consumption to different areas, allocate energy costs, negotiate with suppliers, monitor energy savings from energy conservation measures or performance contracts</p>
<p>Measurement & Verification (M&V)</p>	<p>We can determine the most cost effective and optimal M&V approach to ensure validation of energy conservation measure performance.</p> <p>In addition, we can determine energy and cost savings from your energy conservation projects using all IPMVP M&V Options, from data-logging and spreadsheets to utility bill comparison.</p>

SIN 871-206 BUILDING COMMISSIONING SERVICES

<p style="text-align: center;">Retro-commissioning/ Re-commissioning</p>	<p style="text-align: center;">When retro-commissioning a building we typically:</p> <ul style="list-style-type: none"> • Benchmarking the building against similar type buildings in the same region, • Examine the building automation system, • Diagnose trended temperature and power data for control issues, • Meter all power consuming equipment, • Examine mechanical and electrical drawings, • Interview facility staff and inspect HVAC equipment, • Create list of energy conservation measures ECMs, • Quantify energy savings, provide cost estimates and calculate simple payback numbers for each ECM, with the focus on low-cost, no-cost measures • Create tables of energy consuming equipment, • measurement and verification of savings • impact of ECM on maintenance procedures, pollution prevention, and occupant comfort
<p style="text-align: center;">LEED-EB support services</p>	<p style="text-align: center;">Through the following services we support the LEED-EB process and assist in LEED-EB certification:</p> <ul style="list-style-type: none"> • Retro-commissioning, focusing on non-capital intensive energy conservation opportunities RCx is worth 2 points. (Satisfies LEED-EB credit EA 2.1, Option A) • From our energy audits and/or retro-commissioning, may increase Energy Star Rating and gain up to 12 points (LEED-EB Credit EA 1) • On-going Commissioning plans assist building management to proactively address changes in building parameters. On-going commissioning plan is worth 2 points. (LEED-EB Credit EA 2.3) • Emissions reduction reporting is worth 1 point (LEED-EB Credit EA 6)

SIN 871-207 ENERGY AUDIT SERVICES

<p>Energy Auditing</p>	<p>We perform all levels of energy audits from preliminary to investment grade audits. Depending upon customer needs our audits may include:</p> <ul style="list-style-type: none"> • utility bill analysis, • utility bill audit, • benchmarking, • data logging, interval data analysis, • instantaneous measurements of power, temperature, pressures, lighting levels, etc., • air compressor analysis, boiler efficiency testing, • energy balance, • cataloging and measurement of energy using equipment, • list of energy conservation measures ECMs, • savings estimates, implementation costs, and financial analysis for each ECM, • design and scope of work documents for contractors, • measurement and verification strategy • impact of ECM on maintenance procedures, pollution prevention, and occupant comfort
<p>Metering Services</p>	<p>We provide a full range of short term and long term metering services that allow our customers to establish load profiles, allocate energy consumption to different areas, allocate energy costs, negotiate with suppliers, monitor energy savings from energy conservation measures or performance contracts.</p>
<p>Measurement & Verification (M&V)</p>	<p>We can determine the most cost effective and optimal M&V approach to ensure validation of energy conservation measure performance.</p> <p>In addition, we can determine energy and cost savings from your energy conservation projects using all IPMVP M&V Options, from data-logging and spreadsheets to utility bill comparison.</p>

SIN 871-210 WATER CONSERVATION SERVICES

Water Audit Services	<p>We perform services and consulting related to the reduction of water usage, reduction of potable water consumption intensity, reduction of industrial, landscaping water consumption, promoting, and implementing water reuse strategies, recycling of water for multiple purposes, and retention of water.</p> <p>Depending upon customer needs our services may include:</p> <ul style="list-style-type: none">• consultation• facility water audits• water balance• water system analysis
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ATTACHMENT B

Abraxas' Professional Services Labor Rate Information

The Abraxas engineering staff are is populated with a variety of experts to ensure the appropriate skill-level and discipline is available to meet customer needs.

Many of our staff hold professional certifications and registrations including: Certified Energy Manager (CEM), Certified Measurement and Verification Professional (CMVP), Commissioning Authority (CxA), Professional Engineers (PE) in many states, and LEED Accredited Professional (LEED-AP).

Abraxas' GSA Labor Categories and Rates

GSA Labor Category	GSA Rate				
	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Engineer	\$123	\$126.69	\$130.49	\$134.41	\$138.44
Project Manager	\$90	\$92.70	\$95.48	\$98.35	\$101.30
Energy Auditor	\$80	\$82.40	\$84.87	\$87.42	\$90.04
Energy Analyst	\$70	\$72.10	\$74.26	\$76.49	\$78.79
Clerical	\$55	\$56.65	\$58.35	\$60.10	\$61.90

Labor Category Descriptions

Engineer- Masters or bachelor's degree in mechanical engineering from an accredited college or university with emphasis in energy. Minimum of 10-12 years' experience. Certified Energy Manager and other certifications.

Project Manager- Masters or bachelor's degree in mechanical engineering from and accredited college or university with emphasis in energy. Minimum of 6-8 years' experience. Certified Energy Manager and other certifications.

Energy Auditor- Bachelor's degree in mechanical engineering from and accredited college or university with emphasis in energy. Minimum of 4-8 years' experience.

Energy Analyst- Mechanical engineer with a minimum of 1-3 years' experience.

Clerical- High school diploma with a minimum of 1-3 years performing office, clerical and administration work for the private or government sector. Knowledge of MS Office Suite and basic computer skills.

ATTACHMENT C

Pricing for Software & Software-Related Items

(All software and related equipment is ancillary to the services under this contract)

Item Descriptions and Pricing			
	Product	Details	Price
Software	Metrix 4 - User License (2 user minimum)	Utility bill analysis software; industry standard for M&V	\$3600
	Report Maker - User License (2 user minimum)	Energy and cost reporting tool; interface with Metrix; hundreds of report combinations	\$2000
	FastData Deluxe - User License (2 user minimum)	Advanced data entry and processing; interface with Metrix; custom automated bill processing (first 2 user licenses include one FastData Level 1 Add-in)	\$1500
	MarketManager 2 User Licenses	Building Simulation Software	\$2190
Support	Metrix Online Seminar Videos	topical training videos for online training	\$100
	Onsite Introductory 2 Day Metrix Training	Available for 13 attendees	\$8500
	Regional Metrix Training	single attendee for Intro or Advanced course	\$1195
	Onsite Introductory 2 Day MarketManager Training	Available for 13 attendees	\$8,500
	Yearly Maintenance Subscription	tech support and software upgrades (for 1 computer)	\$450
	Weather Data	Per site year	\$95

Software Services	Metrix Project Set-up (per meter; \$1,000 minimum)	includes electronic data processing, historical weather data for all sites, 2 of each modeling item, 2 custom variables, 2 report groups and a complete baseline setup	\$15
	Detailed Meter Analysis (per meter; \$1,000 minimum)	includes Metrix project and Energy Star Portfolio setup; 24 month rate model, energy usage audit and analysis, and bill audit; analysis results presented in a final report (not included: alternate rates and paper bill entry)	\$300
	Process Utility Tracking Report (per report per database; 3 reports minimum)	option for Abraxas to maintain your database; includes updating bill data in electronic format, quality assurance checks; 2 rounds of reporting if necessary to correct any data processing issues	\$100
	Custom Metrix Report	add your own report to the Report Maker to show customized info	\$2500
	FastData Add-In (Level 1 Routine)	automatically process data from one format to another; simple data processing routine	\$500
	FastData Add-In (Level 2 Routine)	automatically process data from one format to another; mid-level data processing routine	\$700
	FastData Add-In (Level 3 Routine)	automatically process data from one format to another; high level data processing routine	\$900
	Database Maintenance (per hour; 150 \$/mo. minimum)	includes updating energy measure models, modifications, variables, report groups; adjusting reporting; user support for software and any custom routines	\$70
	Energy Measure Model	modeled in Metrix project; used to set energy savings targets or track expected savings from retrofits	\$100
	Baseline Modification Model	modeled in Metrix project; these can be used to account for changes in energy patterns or facility modifications	\$100
	Utility Rate Model	modeled in Metrix project; includes last 12 months of rate adjustments; some rates that are available online are less expensive	\$150
	Custom Variable	create any possible user variable in Metrix project	\$100
Report Group	setup a report group within your Metrix project	\$ 50	

ATTACHMENT D

Company Overview

Abraxas Energy Consulting (Abraxas) was founded in October 2001 in the San Luis Obispo area of California by John Avina, CEM, CxA and CMVP.

Abraxas now supplies services to energy managers throughout the world. Abraxas has customers on five continents, and has taught energy efficiency across the globe. Our customer list includes ESCOs (Johnson Controls, Siemens, Honeywell, NORESKO, Chevron, Custom Energy, Ameresco, MCW, BC Hydro, Toronto Hydro), C&I (Chase Manhattan Bank, Accor, Pfizer, Purina, Macys), and Government (GSA, Fish & Wildlife Services, Veterans Administration, US Marine Corps, Navy Medicine, NAVFAC, states of South Dakota, New Mexico, Colorado, Cities of Regina and Saskatchewan, Toronto Housing Authority, Cincinnati Municipal Housing Authority, the Navajo Nation, PanTex).

Abraxas offers the following services:

- ASHRAE Level I, II and III Energy Audits
- Water Audits
- Utility Bill Audits
- Retro-Commissioning/Commissioning
- Rate Analysis
- Measurement and Verification
- Utility Bill Tracking Services and Software
- Alternative Energy Analysis

In the past five years Abraxas has provided energy audits and retro-commissioning services of over forty million square feet and has found savings of over eleven million dollars. These audits covered retail, offices, hospitals, public housing, universities and city, county, and federal government.