PETROLEUM CHEMICAL ENERGY, INC.

Duns Number: 126606677

Contract Number: 47QSHA19D002Q

871-211 Energy Consulting Services

Services: Steam Leak Survey
Steam Trap Survey
Air and Nitrogen Leak Survey

Solicitation Number: 6FEC-E6-030292-B

Contract Period: March 6, 2019 through March 5, 2024

Contact: Darren Woodruff
President
(256) 331-2473
dwoodruff@petrochemicalenergy.com

Website: www.petrochemicalenergy.com

DUNS Number: 126606677

Petro Chemical Energy
107 Madison Street NE - Russellville, AL 35653
Office Number- (256) 331-2473 Fax Number (256) 331-2475

Business Size: Small Business
Business Type: 2X – For-Profit Organization
About Petro Chemical Energy: Petroleum Chemical Energy, Inc. (hereinafter referred to as Petro Chemical) has been providing Facilities Maintenance and Management, including Energy Consulting Services, to government and corporate clients since 1997. Our company was incorporated in 1998. Petro Chemical has become the world’s leader in energy audits, surveys and leak detection. We have been providing Compressed Air Leak Surveys, Nitrogen Leak Surveys, Steam Leak Surveys and Steam Trap Surveys for over twenty-five (25) years. We operate totally independent of all equipment manufacturers to ensure our clients receive a complete and unbiased report of the leaks in their facilities.

Our reputation for success is due to two decades of delivering superior services in throughout the United States, Canada and United Kingdom. In the states, we have worked coast-to-coast. we go to California, and work a lot in the Gulf Coast. We also spend a lot of time in places like Houston, Baton Rouge, and New Orleans. We have been as far as Saudi Arabia as well as England. Personnel with Petro Chemical are committed to exceptional customer service, timely output and efficiency in their efforts. We save clients an average of 20% on their total energy costs. In some instances, we have saved clients tens of millions of dollars. Some of our largest clients include Exxon Mobil, Valero, Eastman, Dow Chemical, and Western Refinery.

Our Employees: Petro Chemical is an Alabama-based small business, with fourteen employees (eight full-time) that specialize in Energy Consulting Services. The company’s core strength resides in its experienced personnel who have solid backgrounds in Facilities Maintenance and Management. Employees with Petro Chemical have over years of experience providing quality services and exceptional results to meet their clients’ expectations.

Petro Chemical regularly offers Steam Leak Surveys, Steam Trap Surveys, and Air & Nitrogen Leak Surveys to provide Energy Consulting Services. To enable its services, Petro Chemical utilizes computer programs such as Excel and QuickBooks.

Being a small company for Darren Woodruff, Owner of Petro Chemical, not only means building stable customer relationships but also having a stable financial system in place. Petro Chemical operates without a line of credit. Mr. Woodruff at Petro Chemical considers credit lines could be utilized as their services as the company grows.
Service Description:

Steam Trap Survey: A two-man crew covered the entire plant unit by unit to locate every steam trap and used ultrasonic and non-contact laser temperature equipment to test each trap. When they found them, they hang around numbered metal tag on each leak with tie wire. After the survey was completed, we sent them an excel report of our findings. Included was location, trap manufacturer, trap model number, size of trap, psi of trap, service of trap, each trap that is leaking steam by we gave a PPH loss, and annual dollar loss.

Steam Leak Survey: For the Steam Leak Survey the same two-man crew covered the entire plant unit by unit. Using ultrasonic equipment and visual inspections to locate all of the steam leaks. When they found the steam leaks, they hung a numbered metal tag on each leak with tie wire. This is done for leak identification. After the crew was finished, we sent the company an excel report giving description of leak, location, PPH loss, and annual dollar loss.

Air and Nitrogen Leak Survey: A two-man crew covered the entire plant unit by unit and used ultrasonic equipment to locate all air and gas leaks. When they found them, they hang around numbered metal tag on each leak with tie wire. From the tie wire they also hung a 12-14-inch piece of fluorescent orange engineering tape. This is done for leak identification. We asked for the company to put a mechanic with our crew to repair the low hanging fruit such as tubing fitting, valve packing, and unions. By doing this it shows huge savings after that. After the crew was finished, we sent them an excel report of each leak location, description, cfm loss of each leak, and dollar loss.
## Customer Information per I-FSS-600

Table of awarded special item number(s) with appropriate cross-reference to item descriptions and awarded price(s).

<table>
<thead>
<tr>
<th>SIN(s) Proposed</th>
<th>Service Proposed (e.g. Labor Category or Job Title/Task)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>871-211</td>
<td>Steam Leak Survey</td>
<td>$5,500.00 per week (does not include expenses)</td>
</tr>
<tr>
<td>871-211</td>
<td>Steam Trap Survey</td>
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<tr>
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</tr>
</tbody>
</table>

### SIN Descriptions:

871 211 Energy Consulting Services Contractors shall provide expert advice, assistance, guidance or counseling on energy related projects or initiatives to assist agencies in adhering to energy legislation and policy such as EPACT 2005, Executive Orders 13423 and 13514. Consulting services covered by this SIN include: Energy management or strategy, Energy program planning and evaluations, Energy related studies, analyses, benchmarking and reporting such as feasibility studies, vulnerability assessments, and energy security, Assistance in meeting energy efficient building standards such as Leadership in Energy and Environmental Design (LEED), Green Globes and Energy Star, Advisory services in obtaining alternative financing for energy projects such as Energy Savings Performance Contracts, Power Purchase Agreements or Enhanced Use Leases, Consulting on carbon emissions trading programs, Consulting on where to obtain renewable energy credits/certificates, Consulting on greenhouse gas measurement and management, Strategic sustainability performance planning, Consulting on obtaining high performance sustainable buildings, The implementation, testing and evaluation of networked energy management systems and services that utilize Internet Protocol - Next Generation (IPv6) enabled systems.
Maximum order - $1,000,000.00

Minimum order - $100.00

Geographic coverage (delivery area) - United States of America V-48 States, DC

Point(s) of production (city, county, and State or foreign country) - Russellville Franklin County
Alabama USA

Discount from list prices or statement of net price - 6% / Net Price $5,209.07

Quantity discounts - 1% for single order at $100,000.00 to $1999,999.99
2% for a single order at $200,000 or more

Prompt payment terms. Note: Prompt payment terms must be followed by the statement "Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions." - Net 30

Notification that Government purchase cards are accepted at or below the micro-purchase threshold - N/A

Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold - N/A

Foreign items (list items by country of origin) - N/A

Time of delivery. (Contractor insert number of days.) - Determined at task order level

Expedited Delivery. The Contractor will insert the sentence “Items available for expedited delivery are noted in this price list.” under this heading. The Contractor may use a symbol of it choosing to highlight items in its price lists that have expedited delivery - Determined at task order level

Overnight and 2-day delivery. The Contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery - Determined at task order level

Urgent Requirements. The Contractor will note in its price list the “Urgent Requirements” clause of its contract and advise agencies that they can also contact the Contractor’s representative to affect a faster delivery - Determined at task order level

F.O.B. point(s) - N/A

Ordering address(es) - Petro Chemical Energy

107 Madison Street NE
Russellville, AL 35653
Office Number- (256) 331-2473 Fax Number (256) 331-2475
Darren Woodruff - President dwoodruff@petrochemicalenergy.com
Ordering procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA’s) are found in Federal Acquisition Regulation (FAR) 8.405-3. Contact Petro Chemical Energy by Phone, Fax, or Email - See above for information.

Payment address(es) - Petro Chemical Energy P.O. Box 1236 Russellville, AL 35653

Warranty provision - Standard

Export packing charges, if applicable - N/A

Terms and Conditions Notes:
Petroleum Chemical Energy, Inc. offer, dated May 11, 2018, and their Final Proposal Revision (FPR) dated February 25, 2019 and the final revised price proposal including tasks in response to Solicitation No. 6FEC-E6-030292-B Refresh 31 for Multiple Award Schedule 03FAC, the Facilities Maintenance and Management, is hereby accepted by the Government for Special Item Number (SIN) 871 211-Energy Consulting Services for the contract period March 6, 2019 - March 5, 2024. This award covers indefinite quantities of products and/or services. No performance or delivery is required until order(s) are received. This contract shall only be used for the services listed. Inappropriate use of the contract for other than Services awarded under the Multiple Award Schedule may subject the contractor/customer agency to penalties provided by statute or regulation.

If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor’s website or other location.) The EIT standards can be found at: www.Section508.gov/ - N/A

Notification regarding registration in System for Award Management (SAM) database - We are current and active in SAM