



**GENERAL SERVICES ADMINISTRATION
FEDERAL SUPPLY SERVICE
AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST**

**GSA SCHEDULE #:
O3FAC, ENERGY SERVICES –
FACILITIES MAINTENANCE AND MANAGEMENT
FSC GROUP 871**

**CONTRACT NUMBER:
GS-21F-0030T**

**CONTRACT PERIOD:
AUGUST 10, 2007 through AUGUST 9, 2012**

**BUSINESS SIZE:
SMALL**

**DUNS NUMBER:
12-0655159**

CTG, ENERGETICS, INC.

16 Technology Drive, Suite 109

Irvine, CA 92618

(949) 790-0010

(949) 790-0020 FAX

<http://www.ctg-net.com>

Contractor's Administration Source: Jeff Berge

Contractor's Administration Email: jberge@ctg-net.com

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA *Advantage!*™, a menu-driven database system. The Internet address for GSA *Advantage!*™ is <http://www.GSAAdvantage.gov>.



TABLE OF CONTENTS

I.	Contractor Information	3
II.	Hourly Labor Billing Schedule and Escalated Rates	7
III.	Labor Category Skill Descriptions	8
IV.	Definitions of Awarded Special Item Numbers (SINs)	11
V.	Overview of Contractor’s Services – As Applicable to Special Item Numbers (SINs) 871-200; 871-201	12
VI.	Contractor’s Past and Current Federal Government Clients	16



Contractor Information

Description of Company: CTG Energetics, Inc. (CTG) provides professional consulting services for the entire lifecycle of concept, design, construction, and operations associated with built environments. CTG's diverse team of engineers, architects, planners, ecologists, and scientists help developers, design and construction teams, facility managers and many others create sustainable buildings and communities.

Current Market: Engineering and architectural consulting for buildings, communities and government.

Commercial Market Expansion: Over the past ten years, CTG has grown from one to four offices (CA, CO, RI, DC) while servicing clients in the private, public and government sectors in states across the country.

Description of CTG Energetics, Inc. Personnel: CTG's technical staff consists of mechanical, electrical, civil and environmental engineers, architects, ecologists, urban planners, sustainability and green building consultants, environmental scientists, and technical and clerical support.

Description of CTG Energetics, Inc. Expertise: Provision of professional consulting services for the purpose of achieving environmentally sustainable, energy efficient and economical structural designs for the built environment.

Description of CTG Energetics, Inc. Mission: To be the dominant provider of leading professional standards in energy and environmental consulting for high performance buildings and environments.

Preliminary Registrations

Company's DUNS Number: 12-065-5159

TPIN: 65465049

Listing of Federal Market Categories [FSC/FSG] analyzed for this study:

FSG Item Description: C – Architect and Engineering Services – Construction

FSC Description

C111 Buildings and Facilities Administrative and Services Buildings

C112 Buildings and Facilities / Airfield, missile and Communications

C113 Buildings and Facilities / Educational Buildings

C114 Buildings and Facilities / Hospital Buildings



C115 Buildings and Facilities / Industrial Buildings
C116 Buildings and Facilities / Residential Buildings
C117 Buildings and Facilities / Warehouse Buildings
C118 Buildings and Facilities / R&D Facilities
C119 Buildings and Facilities / Other Buildings
C121 Non-Building / Conservation and Development

C219 Other Architect and Engineering Services

SIC and NAICS Codes

NAICS 541330 / SIC code 8711
NAICS 541310 / SIC code 8712

SIC NAICS Item Description:

NAICS 541310: Architectural Services. This industry comprises establishments primarily engaged in planning and designing residential, institutional, leisure, commercial, and industrial buildings and structures by applying knowledge of design, construction procedures, zoning regulations, building codes, and building materials.

NAICS 541330: Engineering Services. This industry comprises establishments primarily engaged in applying physical laws and principles of engineering in the design, development, and utilization of machines, materials, instruments, structures, processes, and systems. The assignments undertaken by these establishments may involve any of the following activities: provision of advice, preparation of feasibility studies, preparation of preliminary and final plans and designs, provision of technical services during the construction or installation phase, inspection and evaluation of engineering projects, and related services.

1. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SIN'S): 871-200 - Energy Management Program Support, and 871-201 - Energy Audit Services
2. MAXIMUM ORDER: \$5,000,000
3. MINIMUM ORDER: \$1,000
4. GEOGRAPHIC COVERAGE: Domestic
5. POINT(S) OF PRODUCTION: N/A
6. BASIC DISCOUNT: 15%



7. QUANTITY DISCOUNT(S): None
8. PROMPT PAYMENT TERMS: Net 30 days
9. GOVERNMENT PURCHASE CARD ACCEPTED: Yes (excludes prompt payment discounts)
10. FOREIGN ITEMS: None
11. TIME OF DELIVERY AFTER RECEIPT OF ORDER (ARO):
Normal: Varies per service performed.
Emergency: Shipment within N/A days ARO for in stock at time of order.
Expedited: Items available for expedited delivery are noted in this price list.
Overnight and 2-Day Delivery: N/A
Urgent Requirement: Clause I-FSS-140-B of the contract applies. Agencies can contact contractor's representative to possibly affect a faster delivery.
12. FOB POINT: Destination
13. ORDERING ADDRESS: Same as Contractor
14. PAYMENT ADDRESS: Same as Contractor
15. WARRANTY PROVISION: No Warranty
16. EXPORT PACKING CHARGES: N/A
17. TERMS AND CONDITIONS OF GCCC ACCEPTANCE: (any thresholds above the micro-purchase level)
18. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE): N/A
19. TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE): N/A
- 20a. TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE-LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF AVAILABLE): N/A
- 20b. TERMS AND CONDITIONS FOR ANY OTHER SERVICES: N/A
21. LIST OF SERVICE AND DISTRIBUTION POINTS: N/A



22. LIST OF PARTICIPATING DEALERS: N/A

23. PREVENTIVE MAINTENANCE: N/A

24a. ENVIRONMENTAL ATTRIBUTES, e.g., RECYCLED CONTENT, ENERGY EFFICIENCY, AND/OR REDUCED POLLUTANTS: Contractor carries various energy efficiency features in its office spaces, including: Room occupancy light sensors, water saving dual flush toilets, low flow faucets, paper products with high recycled content, non-toxic cleaning supplies, thermafusers, low emitting climate-neutral carpet, paint and carpet adhesive, interior windows with access to daylight and view, high performance lighting, ceiling tiles with high recycled content, refurbished furniture, aircurity (indoor air quality monitor), paper-battery-bottle-can-magazine recycling center, Homasote-recycled newspaper wall panels, energy star refrigerator, low emitting paint. Contractor also tracks its headquarters' level of carbon emissions regularly in order to reduce its carbon footprint.

24b. SECTION 508 COMPLIANCE INFORMATION: N/A

25. DATA UNIVERSAL NUMBER SYSTEM (DUNS) NUMBER: 12-065-5159

26. NOTIFICATION REGARDING REGISTRATION IN CENTRAL CONTRACTOR REGISTRATION (CCR) DATABASE.



Hourly Labor Billing Schedule and Escalated Rates

**CTG Energetics, Inc.
Hourly Billing Schedule
Updated: March 5, 2010**

CTG Energetics, Inc. ("CTG") offers the following most recent, established Commercial Pricelist and Labor Category Skill Descriptions as the firm's formal billing rates for vendors through the GSA. CTG's latest staff billing rates include an applied 15% discount to said standard rates, and thus constitute the firm's published commercial catalog of prices. An escalation rate of 6% per annum applied to each labor classification for years one through three of the GSA contract. A revised escalation rate of 4% per annum applied to each labor classification for years four and five of the GSA contract.

<u>Labor Classification</u>	<u>Year 1 - 2008</u>	<u>Year 2 2009</u>	<u>Year3 2010</u>	<u>Year 4 2011</u>	<u>Year 5 2012</u>
Analyst	\$ 80.75	\$ 85.60	\$90.74	\$94.37	\$98.14
Clerical Support	\$ 51.00	\$ 54.06	\$57.30	\$59.59	\$61.98
Consultant	\$ 112.93	\$119.71	\$126.89	\$131.97	\$137.24
Principal	\$ 212.50	\$225.25	\$238.77	\$248.32	\$258.25
Principal Consultant	\$ 136.00	\$144.16	\$152.81	\$158.92	\$165.28
Senior Analyst	\$ 93.50	\$ 99.11	\$105.06	\$109.26	\$113.63
Senior Consultant	\$ 123.25	\$130.65	\$138.49	\$144.03	\$149.79
Senior Principal Consultant	\$ 146.63	\$155.43	\$164.76	\$171.35	\$178.20
Technical Support	\$ 59.50	\$ 63.07	\$66.85	\$69.52	\$72.30



Labor Category Skill Descriptions

Analyst

Minimum Education: LEED® Accredited Professional standing preferred. Bachelor's degree in a relevant engineering field, interior design, environmental science, regional or urban planning.

Responsibilities: Monitor the energy and economic efficiency of retained projects, inline with LEED®-based design and planning standards for the built environment to vendors, clients and their teams to achieve LEED® certification; provide continual monitoring and improvement for maintaining, or upgrading, clients' LEED® status, while conducting any needed additional training to said stakeholders and/or colleagues.

Minimum Qualifications: Two years of LEED®-based sustainability design, consulting, and project management experience with mid to large cap companies in the public or private sector. Significant academic project work in a relevant field recommended.

Clerical Support

Minimum Education: High School Diploma.

Responsibilities: Provide administrative office assistance to analysts, consultants and principals; managing projects, budget tracking, maintaining firm's general records, arranging travel for senior management, coordinating meetings, keeping confidential files and data and interfacing with clients.

Minimum Qualifications: Two years in professional services, engineering or architectural firm. Must have experience working with senior management as well as with engineering technical staff. Excellent MS Word, Excel and Power Point skills. Keen organizational, verbal, writing, communication and discretionary skills, with ability to prioritize multiple tasks.

Consultant

Minimum Education: Master's degree in an energy-relevant scientific or engineering field, in statistics, mathematics, geography, geology, or in a sustainability-relevant social science such as economics, MBA or sociology; LEED® professional certification or equivalent preferred.

Responsibilities: Provide technical and analytical consulting on internal, client and vendor-based projects; support efforts of senior analysts, consultants and principals on projects through due diligence while improving on internal technical tools, innovation and software; interface regularly with clients on LEED® energy analysis projects and evolving carbon footprint measurement projects.

Minimum Experience: Eight years of professional experience with a public, non-profit and/or private corporation in respective field of expertise; project management experience and significant interaction with senior management; extensive analysis in one's field, which could include any published works and/or an academic dissertation or field work related to one's consulting role.



Principal

Minimum Education: PhD in engineering, building science, or a related discipline.

Responsibilities: Senior oversight of existing client relationships, project procurement and work flow; manage other consultants and analysts; provide ultimate strategic vision, decision making and operational overview of the firm.

Minimum Qualifications: Twenty years of professional experience in electrical, mechanical, civil or environmental engineering, building science or a related field; multiple professional certificates, affiliations and/or recognitions/commendations; management of multiple large-scale projects executed in a senior role; industry leader and innovator in LEED® building standards, retaining published research in multiple fora.

Principal Consultant

Minimum Education: Master's degree in engineering, architecture or related field to environmental and sustainable development.

Responsibilities: Oversight of existing client relationships, business development, project procurement and work flow; guide colleagues and analysts in areas of LEED® expertise; advise the Principal and other senior management on strategic planning, government contracting and environmental trends and standards.

Minimum Qualifications: Ten years of professional experience in electrical, mechanical, civil or environmental engineering, building science or a related field; professional certificates, affiliations and/or recognitions/commendations; management of multiple large-scale projects in public and/or private sector; industry leader and innovator in LEED® building standards, having published research in multiple fora.

Senior Analyst

Minimum Education: Master's degree in relevant scientific or engineering field, in statistics, mathematics, geography, geology, or in a sustainability-relevant social science such as economics, MBA, or sociology; LEED® professional certification or equivalent.

Responsibilities: Provide in-depth energy and technical analysis on multiple LEED® projects (NC, CI, EB, et al.) for existing clients; guide colleagues and analysts in areas of LEED® expertise; advise and assist the Principal and other senior management as needed.

Minimum Qualifications: Ten years of professional experience in electrical, mechanical, civil or environmental engineering, building science or a related field; high proficiency in at least one LEED® standard, and completed multiple commercial and/or residential LEED®-based projects.

Senior Consultant

Minimum Education: Master's degree in relevant scientific or engineering field, in statistics, mathematics, geography, geology, or in a sustainability-related discipline such as economics, MBA, or sociology; PhD in any of said fields preferred; LEED® professional certification or equivalent at minimum, with multiple LEED® accreditations preferred.

Responsibilities: Provide technical and analytical consulting on internal, client and vendor-based projects; design and engineering analysis and consulting on Sustainable Community Services, internal software development; project management for long-standing clients; development of latest LEED® accreditation



standards for USGBC; support efforts of Principal plus other analysts and consultants.

Minimum Experience: Eight years of professional experience with a public, non-profit and/or private corporation in respective field of energy expertise; project management experience and significant interaction with senior management of clients; extensive research and analysis, including dissertations, trade papers and articles, and/or published journals.

Senior Principal Consultant

Minimum Education: Master's degree or PhD in energy sciences, engineering, statistics, mathematics, geography, geology, or in a sustainability-related discipline such as economics, energy finance, or sociology; LEED® professional certification or equivalent at minimum, with multiple LEED® accreditations preferred.

Responsibilities: Provide premiere engineering consulting services on major vendor accounts while performing business development duties via the same vendors; commissioning, energy analysis, construction, monitoring and verification, sustainable design services, engineering analysis and LEED® certification; project management for long-standing clients, development of latest LEED® accreditation standards for USGBC, support efforts of Principal, expand business domains; manage a regional office for the firm.

Minimum Experience: Ten years of professional experience with a public, non-profit and/or private corporation, with extensive project management over major energy sustainability, commissioning, energy audits, or related projects at a senior level; significant energy cost savings achievements of above \$10 million per past project; various professional registrations, strong industry relationships and extensive analysis in one's field, including published works.

Technical Support

Minimum Education: Bachelor's degree in software engineering, information and computer sciences, or management information systems.

Responsibilities: Information management services; manage servers; intranet monitoring and upgrades; provide technical design services for evolving sustainability design software; oversee firm's telecommunications between various offices during conferences, presentations and evolving digital exchanges between regional managers and principals.

Minimum Experience: Seven years of MIS/IT/ICS and/or technological support with a mid to large cap private corporation.



Definitions of Awarded Special Item Numbers (SINs)

SIN 871-200: ENERGY MANAGEMENT PROGRAM SUPPORT

As specified in Task Orders, Contractors shall provide expert advice, assistance, guidance or counseling in support of agencies' energy management program support efforts. This may also include studies, analyses and reports documenting the current situation and proposing remedial actions.

Examples of program support include, but are not limited to:

- Energy Planning and Strategies
(Meeting Policy and Statutory Requirements)
- Energy Choice Analysis
- Risk Management
- Metering Services
- Billing and Management Oversight
- Preparing Agency Statements of Work

SIN 871-201: ENERGY AUDIT SERVICES

As specified in Task Orders, Contractors shall provide facilitation and related decision support services in support of agencies' energy audit efforts. This will include studies, analyses, and reports documenting the current situation(s) and recommending remedial actions.

Examples of energy audit services include, but are not limited to:

- Energy Audits
- Use of Alternative Energy Sources
- Resource Efficiency Management
- Building Commissioning Services



Overview of Contractor's Services – As Applicable to Special Item Numbers (SINs) 871-200; 871-201

CTG Energetics, Inc. (CTG) is pleased to offer specialized engineering assistance to the U.S. General Services Administration (GSA) for energy efficient and the sustainable design of buildings and communities. CTG's expertise in energy consulting, building audits, green building rating systems, and Commissioning can support GSA's goals for energy efficient building design, LEED® certification, construction, and operation. CTG has the multi-disciplinary staff and extensive experience working with government agencies, program managers, building owners and operators to provide GSA with high quality, cost-effective program implementation that will be of significant value to GSA's customers. Accordingly, CTG proposes to provide support to agencies for SIN 871-200: Energy Management Program and SIN 871-201: Energy Audit Services.

Field of Expertise

With substantial experience in designing, Commissioning, and optimizing high performance buildings, CTG provides a wide range of technical, project management, and training services, including:

- Providing design assistance and peer review services to maximize energy efficiency and sustainability;
- Commissioning, Retro-Commissioning and Monitoring-based Commissioning services to dozens of public and private projects;
- Applying the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED®) rating system;
- Performing computer-based simulations for systems, buildings and communities;
- Providing energy audits of existing commercial and industrial buildings;
- Monitoring and verification services for establishing building energy usage patterns and for verifying resultant savings from energy retrofit projects;
- Conducting greenhouse gas inventories (a.k.a., carbon footprints);
- Developing greenhouse gas emission reduction strategies for buildings, communities, and facilities;
- Assessing risks associated with changing climatic conditions (e.g., impacts to human health, welfare, property, and the environment associated with the design and operation of built environments);
- Energy choice studies for a wide variety of alternative energy technologies;
- Peer review and design assistance for project teams to increase the energy efficiency of both architectural and engineering designs;
- Training for design teams, energy managers, building owners and operators, utilities and Federal agencies in energy efficient design, construction, and operation of buildings;



- Development of computer-based training and web-based design tools to promote energy efficient design and to raise the standard of Commissioning expertise among project teams;
- Detailed energy analysis and water conservation feasibility studies for federal and non-federal facilities, including a submarine base, federal hospital, offices and numerous other public facilities;
- Serving as Commissioning Agent for LEED® projects and numerous projects in progress.

The CTG team has been providing energy consulting and building Commissioning services for more than fifteen years. The firm has been active in providing Retro-Commissioning services for the last five years. The firm's experience in providing energy audit and analysis services has led to significant expertise in improving the operation of existing building systems, which is the foundation of the relatively recent Retro-Commissioning movement. Given its broad experience in energy and sustainability issues, the firm understands the needs of federal agencies and the challenges they face in optimizing the performance of new construction and existing facilities. CTG's technical approach combines advanced analytical approaches with "real world" understanding of how buildings operate in order to provide effective solutions to the energy efficiency goals of federal agencies.

CTG is a leading practitioner for a range of consulting services, including:

Sustainable Design & Construction

- Green Building Workshops
- Design Reviews
- LEED® Facilitation and Documentation (LEED®-NC, CS, CI)
- Integrated Design Facilitation

Commissioning

- New Construction
- Retro-Commissioning
- Monitoring-Based Commissioning
- Risk Management

Energy

- Modeling & Simulation
- Renewable Systems
- Program Development
- Value-Added Engineering
- Energy Audits

Sustainable Communities

- Modeling
- Design Guidelines



- Program Development
- Monitoring & Verification
- LEED®-ND Assessment and Documentation

Sustainable Facilities

- Gap Analysis
- O & M Practices
- Monitoring & Verification
- LEED®-EB Documentation

Climate Change

- Metrics Development
- Carbon Emissions Inventory
- Program Development

CTG is a technical and thought leader in the high-performance, green buildings industry. CTG staff serve on a number of technical committees and panels associated with the U.S. Green Building Council, including the LEED® Technical and Scientific Advisory Committee, LEED® Refinement Task Force, and the LEED® Energy & Atmosphere Technical Advisory Group. They have presented papers at 11 of the 14 National Conferences on Building Commissioning as well as dozens of national conference sessions on energy efficiency and sustainable design. The staff has taught Commissioning workshops for the U.S. Department of Energy, Federal Energy Management Program, and U.S. Navy, as well as scores of training sessions in energy efficient building design and operation, LEED® and green building issues. CTG personnel also developed the “Commissioning Assistant,” a software-based tool for Commissioning training. The staff has also published articles on Commissioning, energy efficiency, LEED® and Green Buildings in numerous professional publications. The staff has also participated in the California Commissioning Collaborative, the Urban Land Institute, Sustainable Building Industries Council, The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), and many other professional organizations.



Contractor's Past and Current Federal Government Clients

General Services Administration

United States Department of Defense

United States Embassy / US Army Corps of Engineers

United States Department of Energy

United States Environmental Protection Agency

United States Department of Justice

United States Navy

United States Department of State

United States Department of Veterans Affairs

###