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

Schedule Title: CONSOLIDATED MULTIPLE AWARD SCHEDULE (MAS)
Contract Number: 47QSHA20D0025
Contract Period: March 4, 2020 – March 3, 2025
Contractor: ProtoGen, Inc.
PO Box 193
Quakertown, PA 18951
www.ProtoGenEnergy.com
1-888-365-4743

Contact for Ordering and Contract Administration
Attn: Lou Tenney
PO Box 193
Quakertown, PA 18951
Phone: 888-365-4743 ext. 3
Fax: 888-365-4743
Email: Lou@ProtoGenEnergy.com

Business Size: Small Business
Pricing: Prices Shown Herein are Net (discount deducted).

For more information on ordering from GSA schedules, visit gsa.gov/buying-selling/purchasing-programs/gsa-schedules and click “Buy From Schedules”

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 GSA Advantage!® is: GSAdvantage.gov.

For more information, visit www.ProtoGenEnergy.com
Contract No. 47QSHA20D0025
1 Customer Information
   a. Special Item Numbers (SIN) awarded: 541690E – 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 per FAR 23
      and applicable Executive Orders.
   b. Lowest Priced Model: NA
   c. Labor Rates: Please see Section 2 of this pricelist

2 Maximum Order: $1,000,000

3 Minimum Order: $100

4 Geographic Coverage: Domestic

5 Points of Production: N/A

6 Discount from list prices or statement of net price: Prices shown are net prices and
   include all applicable fees.

7 Quantity Discounts: 1% on orders over $500,000

8 Prompt Payment Terms: Net 30
   a. Volume Discounts: 2% for orders of $20,000 or more

9 Government Purchase Cards: Accepted at or below the micro-purchase threshold

10 Foreign items: N/A

11 a. Time of Delivery: To be negotiated with ordering agency with each task order
   b. Expedited Delivery: N/A
   c. Overnight and 2-day delivery: N/A
   d. Urgent Requirements: Available upon request. Contact the designated representative.

12 F.O.B. Point: Destination negotiated

13 a. Point of Contact for Ordering and Contract Administration:
   Lou Tenney
   PO Box 193
   Quakertown, PA 18951
   Phone: 888-365-4743 ext. 3
   Fax: 888-365-4743
   Email: Lou@ProtoGenEnergy.com
   b. Ordering Procedures: See Federal Acquisition Regulation (FAR) 8.405-3

14 Payment Information: Remit checks to
   PO Box 193, Quakertown, PA 18951

15 Warranty Provision: N/A

16 Export packing charges: N/A
Terms and conditions – Government purchase card acceptance above micro-threshold limit: N/A

Terms and conditions of rental maintenance and repair: N/A

Terms and conditions of installation: N/A

Terms and conditions of repair parts: N/A

List of service and distribution points: N/A

Participating dealers: N/A

Preventative maintenance: N/A

a. Special attributes such as environmental attributes: N/A
b. Section 508 compliance information: N/A

Data Universal Numbering System (DUNS): 080296798

System Award Management (SAM) Registration: Active
2 Labor Category Descriptions and Schedule of Charges

2.1 Special Item Numbers (SIN)

<table>
<thead>
<tr>
<th>SIN</th>
<th>Description</th>
<th>Large Category</th>
<th>Subcategory</th>
</tr>
</thead>
<tbody>
<tr>
<td>541690E</td>
<td>Energy Consulting Services</td>
<td>Facilities</td>
<td>Facilities Services</td>
</tr>
</tbody>
</table>

2.2 Summary of Services Offered

ProtoGen provides renewable and distributed energy consulting and project development, training, and technical services. Our consulting and project-focused services are offered à la carte or as part of a comprehensive energy management solution.

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy Consulting and Project Development Services</td>
<td>• PV Solar</td>
<td>• Combined Heat and Power (CHP) and Backup Generators</td>
<td>• Hybrid Energy Systems</td>
<td>• Microgrids</td>
</tr>
<tr>
<td></td>
<td>• Wind</td>
<td>• Battery Energy Storage Systems (BESS) including UPS</td>
<td>• Hybrid Energy Systems</td>
<td>• Microgrids</td>
</tr>
<tr>
<td></td>
<td>• Energy Storage and Microgrid Training and Certification (ESAMTAC)</td>
<td>• Curriculum development</td>
<td>• Program development, implementation and/or management</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Training and Train-the-Trainer</td>
<td>• Program development, implementation and/or management</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electrical Training</th>
<th>• Quality Assurance and Control</th>
<th>• Troubleshooting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Advanced Metering</td>
<td>• Failure Mode Analysis</td>
</tr>
<tr>
<td></td>
<td>• I-V Curve Tracing</td>
<td>• Operations and Maintenance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional Technical Services</th>
<th>• Quality Assurance and Control</th>
<th>• Troubleshooting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Advanced Metering</td>
<td>• Failure Mode Analysis</td>
</tr>
<tr>
<td></td>
<td>• I-V Curve Tracing</td>
<td>• Operations and Maintenance</td>
</tr>
</tbody>
</table>

2.3 Labor Category Descriptions

2.3.1 Senior Consultant

Minimum years: 15 years
Minimum Qualifications: Masters or Equivalent
Responsibilities: Master's Degree in engineering discipline or equivalent electrical experience. At least 15 years of progressive industry experience in business development and leadership roles. Provides strategic vision and overall accountability; conducts high-level communications and negotiations with contracting officers.

2.3.2 Consultant

Minimum years: 12 years
Minimum Qualifications: Masters or Equivalent
Responsibilities: Master’s Degree in engineering discipline or equivalent electrical professional experience. A minimum 12 years’ progressive experience in leadership roles. Serves as day-to-day contact for contracting officers and other project stakeholders. Presents proposed solutions, programs, materials and other deliverables; communicates project progress and results to stakeholders.

2.3.3 Project Manager
Minimum years: 10 years
Minimum Qualifications: Masters or Equivalent
Responsibilities: Master’s Degree or equivalent with at least 10 years of relevant experience. Oversees and documents all aspects of project. Translates project scope to a work plan and budget. Tracks and communicates project status, cost, and results.

2.3.4 Field Engineer
Minimum years: 7 years
Minimum Qualifications: Bachelors or Equivalent
Responsibilities: Bachelor’s Degree in engineering discipline or equivalent, with a minimum of seven years’ experience. Evaluates technical feasibility and formulates requirements and specifications. Reviews project plans and drawings. Oversees project build, installation and commissioning.

2.3.5 Trainer
Minimum years: 5 years
Minimum Qualifications: Bachelors or Equivalent
Responsibilities: Bachelor’s Degree or equivalent, with a minimum of five years’ experience. Develops, plans and delivers lessons and assignments. Monitors student progress, assigns tasks, and grades assignments. Develops and enforces classroom or workplace rules and safety procedures.

2.3.6 Analyst
Minimum years: 7 years
Minimum Qualifications: Bachelors or Equivalent
Responsibilities: Bachelor’s Degree or equivalent, with a minimum of seven years’ experience. Assists Consultants and Trainers in completion of the project scope. Conducts primary and secondary research and data gathering. Leads creation of customer deliverables (e.g. reports, training programs, process design, etc.).

2.3.7 Project Administrator
Minimum years: 7 years
Minimum Qualifications: Bachelors or Equivalent
Responsibilities: Bachelor’s Degree or equivalent, with a minimum of seven years’ experience. Supports project team with performance of administrative, quality assurance, and other supportive tasks.
2.4 Schedule of Charges

<table>
<thead>
<tr>
<th>SIN(s)</th>
<th>Labor Category</th>
<th>Education (or equivalent)</th>
<th>Minimum Years of Experience</th>
<th>GSA Rate (hourly)</th>
</tr>
</thead>
<tbody>
<tr>
<td>541690E</td>
<td>Senior Consultant</td>
<td>Masters</td>
<td>15</td>
<td>$204.03</td>
</tr>
<tr>
<td>541690E</td>
<td>Consultant</td>
<td>Masters</td>
<td>12</td>
<td>$167.76</td>
</tr>
<tr>
<td>541690E</td>
<td>Project Manager</td>
<td>Masters</td>
<td>10</td>
<td>$158.69</td>
</tr>
<tr>
<td>541690E</td>
<td>Field Engineer</td>
<td>Bachelors</td>
<td>7</td>
<td>$149.62</td>
</tr>
<tr>
<td>541690E</td>
<td>Trainer</td>
<td>Bachelors</td>
<td>5</td>
<td>$126.95</td>
</tr>
<tr>
<td>541690E</td>
<td>Analyst</td>
<td>Bachelors</td>
<td>7</td>
<td>$104.28</td>
</tr>
<tr>
<td>541690E</td>
<td>Project Administrator</td>
<td>Bachelors</td>
<td>7</td>
<td>$86.15</td>
</tr>
</tbody>
</table>

3 Firm Overview

ProtoGen was formed in 2016 in Quakertown, PA and provides distributed energy consulting, training, and technical services with a focus on photovoltaics (PV), wind, power electronics, battery energy storage systems (BESS), microgrid technologies, and combined heat and power (CHP).

ProtoGen’s partners have more than forty years of combined experience in electrical systems including renewable and distributed energy systems. Our staff has broad and deep experience in energy systems training, planning, technical and financial modeling, design, construction, commissioning, and operations and maintenance. Our client list includes multi-national renewable energy developers, major transmission and distribution utilities, research universities, electrical training centers, government agencies, and commercial and industrial customers.

ProtoGen offers GSA clients a range of energy management consulting, training, and technical services. We have previously worked with all branches of military as a trainer for Solar Ready Vets, a program funded by the Department of Energy’s SunShot Initiative to connect our nation’s transitioning veterans to the growing solar energy industry, in addition to other DOE- and NSF-funded initiatives. We also serve as the Program Administrator for Energy Storage and Microgrid Training and Certification (ESAMTAC), a national electrical industry training.