GENERAL SERVICES ADMINISTRATION

Federal Acquisition Service
Authorized Federal Supply Schedule Price List

Contract Number: 47QRAA18005Y
00CORP Professional Services Schedule (PSS)
Class: 871 and 899
Contract Period: March 5, 2018 – March 4, 2023

Contractor: INNOVATIVE IMAGING AND RESEARCH
Building 1103
Suite 140C
Stennis Space Center, MS 39529-0001

Web site: www.i2rcorp.com

Business Size: Small

Contract Administrator: Mary Pagnutti (president)
Telephone 228-688-2452
FAX 228-688-2209
E-mail mpagnutti@i2rcorp.com
CUSTOMER INFORMATION

1a. **Awarded Special Item Numbers (SIN)**

<table>
<thead>
<tr>
<th>SIN</th>
<th>Recovery</th>
<th>SIN Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>871-2</td>
<td>871-2RC</td>
<td>Concept Development and Requirements Analysis</td>
</tr>
<tr>
<td>871-3</td>
<td>871-3RC</td>
<td>System Design, Engineering and Integration</td>
</tr>
<tr>
<td>871-4</td>
<td>871-4RC</td>
<td>Test and Evaluation</td>
</tr>
<tr>
<td>899-7</td>
<td>899-7RC</td>
<td>Geographic Information Systems (GIS) Services</td>
</tr>
</tbody>
</table>

1b. **Price Lists**: The rates shown below include the Industrial Funding Fee (IFF) of 0.75%.

<table>
<thead>
<tr>
<th>SIN(s)</th>
<th>Labor Category</th>
<th>Minimum Education</th>
<th>Minimum Experience</th>
<th>GSA Rate (including IFF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>899 7, 871 2, 871 3, 871 4</td>
<td>Senior Staff Scientist</td>
<td>Masters</td>
<td>15</td>
<td>$ 159.60</td>
</tr>
<tr>
<td>899 7, 871 2, 871 3, 871 4</td>
<td>Senior Engineer/Senior</td>
<td>Bachelors</td>
<td>5</td>
<td>$ 111.72</td>
</tr>
<tr>
<td>899 7, 871 2, 871 3, 871 4</td>
<td>Engineer</td>
<td>Bachelors</td>
<td>0</td>
<td>$ 62.84</td>
</tr>
</tbody>
</table>

1c. **Description of job titles, experience, functional responsibility, and level of education for services performed**: See page 5 for the list of labor categories and descriptions.

2. **Maximum Order**: $1,000,000.00

3. **Minimum Order**: $100.00

4. **Geographic Coverage** (Delivery Area): US Domestic

5. **Point(s) of Production**: Building 1103, Suite 140C
   Stennis Space Center, MS 39529

6. **Discount from List Prices or Statement of Net Price**: N/A

7. **Quantity Discounts**: 2% for task orders over $250,000.00

8. **Prompt payment terms**: Net 30 days
9a. **Notification that Government purchase cards are accepted up to the micro-purchase threshold:** Yes, Innovative Imaging and Research accepts credit cards for payments equal to or less than the micro-purchase threshold. (Master Card, Visa, American Express, Discover)

9b. **Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold:** Innovative Imaging and Research does not accept credit cards above the micro-purchase threshold.

10. **Foreign Items:** None

11a. **Time of Delivery:** Specified on the Task Order

11b. **Expedited Delivery:** Contact Contractor

11c. **Overnight and 2-Day Delivery:** Contact Contractor

11d. **Urgent Requirements:** Contact Contractor

12. **F.O.B Points(s):** Destination

13a. **Ordering Address:** Innovative Imaging and Research
Building 1103, Suite 140C
Stennis Space Center, MS 39529
Attn: Mary Pagnutti
(228) 688-2452
(228) 688-2209 Fax
mpagnutti@i2rcorp.com

13b. **Ordering procedures:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA’s), and a sample BPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).

14. **Payment address:** Innovative Imaging and Research
Building 1103, Suite 140C
Stennis Space Center, MS 39529
Attn: Mary Pagnutti
(228) 688-2452
(228) 688-2209 Fax
mpagnutti@i2rcorp.com

15. **Warranty provision:** Contractor’s standard commercial warranty.

16. **Export Packing Charges:** N/A

17. **Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level):** Innovative Imaging and Research does not accept credit cards above the micro-purchase threshold.
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 indicating date of parts price lists and any discounts from list prices: N/A

20a. Terms and conditions for any other services: Innovative Imaging and Research follows all GSA provided hotel and per diem guidelines for any required travel.

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: N/A

24b. 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

25. Data Universal Numbering System (DUNS) number: 806242611

26. Notification regarding registration in Central Contractor Registration (CCR) database: Innovative Imaging and Research is actively registered in SAM.
**LABOR CATEGORIES**

<table>
<thead>
<tr>
<th>Job Title</th>
<th>Detailed Position Description and functional responsibilities</th>
<th>Min Years of Experience</th>
<th>Min Education Level</th>
<th>Any Applicable Training</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sr. Staff Scientist</strong></td>
<td>The Sr. Staff Scientist is responsible for the overall project, providing both technical direction and management/oversight. He/she is also responsible for communicating progress to the customer and for meeting all project deliverables within a given budget. The Sr. Staff Scientist applies subject matter expertise and a systems approach to meet project objectives. This position requires a Master’s degree or above in Engineering, Physics, Mathematics or other Physical Science, and experience with imaging systems, geospatial technology, remote sensing, scientific programming and project management.</td>
<td>15</td>
<td>Master’s Degree</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Sr. Engineer/Sr. Scientist</strong></td>
<td>The Sr. Engineer/Sr. Scientist is responsible for implementing project objectives and managing individual tasks within the overall project. The Sr. Engineer/Sr. Scientist performs tasks and solves problems with minimal direct oversight. The Sr. Engineer/Sr. Scientist position requires a Bachelor’s degree or above in Engineering, Physics, Mathematics or other Physical Science, and demonstrated experience with imaging systems, geospatial technology, remote sensing and scientific programming. Advanced math skills are strongly desired. UAV pilot / UAV image product generation knowledge and training may also be required.</td>
<td>5</td>
<td>Bachelor’s Degree</td>
<td>UAV pilot certification as needed</td>
</tr>
<tr>
<td><strong>Engineer</strong></td>
<td>The Engineer is responsible for implementing project objectives with oversight and direction. The Engineer position requires a Bachelor’s degree or above in Engineering with course work or demonstrated experience in scientific programming. Advanced math skills and experience with imaging systems, geospatial technology, and remote sensing are desired.</td>
<td>0</td>
<td>Bachelor’s Degree</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Service Contract Act**: The Service Contract Act (SCA) is applicable to this contract as it applies to the entire Professional Services Schedule (PSS) Schedule and all services provided. While no specific labor categories have been identified as being subject to SCA due to exemptions for professional employees (FAR 22.1101, 22.1102 and 29 CRF 541.300), this contract still maintains the provisions and protections for SCA eligible labor categories. If and/or when the contractor adds SCA labor categories/employees to the contract through the modification process, the contractor must inform the Contracting Officer and establish a SCA matrix identifying the GSA labor category titles, the occupational code, SCA labor category titles and the applicable WD number. Failure to do so may result in cancellation of the contract.
COMPANY OVERVIEW

Founded in 2007, Innovative Imaging and Research (I2R) leverages remote sensing and geospatial technologies to provide improved geospatial products and custom instrumentation to high tech industrial, academic and government customers.

Licenses and Certifications
- Economically Disadvantaged Woman Owned Small Business (EDWOSB)
- UAS operation through an FAA Part 107

Improved Geospatial Products and Services (Visible-Thermal Infrared)
- Digital camera calibration related services
  - Laboratory and in-flight radiometric calibration and color target reflectance meas.
  - Laboratory camera spectral response measurements (visible through near IR)
  - Laboratory and in-flight signal-to-noise (SNR) estimation
  - Laboratory and in-flight geometric calibration
  - Laboratory and in-flight spatial resolution estimation using engineering targets
  - In-flight spatial resolution estimation using typical acquired imagery
  - Spatial resolution target design and data analysis
  - Comprehensive calibration range design
- Custom image processing algorithms in Matlab, C/C++ and Python
  - Image artifact removal and correction
  - Denoising and image restoration
  - Atmospheric and BRDF correction
  - Radiometric triangulation
  - Low light classifiers
  - Near real-time processing and cloud computing
  - Extreme High Dynamic Range (HDR) imaging and high speed video
- Electro-optical systems engineering
  - Satellite and aerial electro-optical payloads
- Small unmanned aircraft system (UAS) operation, imaging products, workflow and training
  - Multi-rotor and fixed wing solutions
  - Visible and/or thermal imaging from stabilized mounts
  - Still images, HD video, science products-littoral bathymetry and water current velocity, environmental monitoring, industrial applications and monitoring

Custom Imaging Services
- Low false alarm rate Hydrogen flame monitoring with InvisiCam
- Calibrated high-speed extreme High Dynamic Range imaging with sHDR™
- Low-light level night imaging
PROFESSIONAL SERVICES SCHEDULE OFFERINGS

871-2 Concept Development and Requirements Analysis
Services required under this SIN involve abstract or concept studies and analysis, requirements definition, preliminary planning, the evaluation of alternative technical approaches and associated costs for the development of enhancement of high level general performance specifications of a system, project, mission or activity. Typical associated tasks include, but are not limited to requirements analysis, cost/cost performance trade-off analysis, feasibility analysis, developing and completing fire safety evaluation worksheets as they relate to professional engineering services, regulatory compliance support, technology/system conceptual designs, training, consulting, define interfaces and environments, collision avoidance analysis, perform plume impingement analysis, coupled load analysis, conduct spacecraft / satellite manifesting, and creating interface control documents. Example: The development and analysis of the total mission profile and life cycle of the improved satellite including examination of performance and cost tradeoffs. Professional engineering solutions do not include architect-engineer services as defined in the Brooks Act and FAR Part 2 or construction services as defined in the Federal Acquisition Regulation Part 36 and Part 2.

871-3 System Design, Engineering and Integration
Services required under this SIN involve the translation of a system (or subsystem, program, project, activity) concept into a preliminary and detailed design (engineering plans and specifications), performing risk identification/analysis, mitigation, traceability, and then integrating the various components to produce a working prototype or model of the system. Typical associated tasks include, but are not limited to computer-aided design, e.g. CADD, design studies and analysis, design review services, shop drawing review services, submittal review services, conducting fire protection facility surveys, developing risk reduction strategies and recommendations to mitigate identified risk conditions, fire modeling, performance-based design reviews, high level detailed specification and scope preparation, configuration, management and document control, fabrication, assembly and simulation, modeling, training, consulting, analysis of single or multi spacecraft missions, and mission design analysis. Example: The navigation satellite concept produced in the preceding stage will be converted to a detailed engineering design package, performance will be computer simulated and a working model will be built for testing and design verification. Professional engineering solutions do not include architect-engineer services as defined in the Brooks Act and FAR Part 2 or construction services as defined in the Federal Acquisition Regulation Part 36 and Part 2.

871-4 Test and Evaluation
Services required under this SIN involve the application of various techniques demonstrating that a system (subsystem, program, project or activity) performs in accordance with the objectives outlined in the original design. Typical associated tasks include, but are not limited to testing of a prototype, first article(s) testing, environmental testing, performing inspections and witnessing acceptance testing of fire protection and life safety systems as they relate to professional engineering services, independent verification and validation, reverse engineering, simulation and modeling (to test the feasibility of a concept), system, quality assurance, physical testing of the product system, training, consulting, receptions and inspection of Government Furnished Equipment / Satellite, conduct testing and safety audits. Example: The navigation satellite-working model will be subjected to a series of tests, which may simulate and ultimately duplicate its operational environment. Professional engineering solutions do not include architect-engineer services as defined in the Brooks Act and FAR Part 2 or construction services as defined in the Federal Acquisition Regulation Part 36 and Part 2.
899-7 Geographic Information Systems (GIS) Services

Provides GIS services in support of environmental programs. Services include, but are not limited to: Creation/enforcement of environmental legislation; Cultural resource GIS (CRGIS); Environmental cost assessment; Environmental impact analyses; Environmental regulatory compliance; Groundwater monitoring; Growth forecast modeling; Habitat conservation plans; Habitat modeling; Image analysis support for emergency response; Mapping, Cartography, and Mashups (e.g., combining data from more than one source into a single integrated tool to include aerial mapping); Migration pattern analysis; Natural resource planning; Remote sensing for environmental studies; Terrestrial, marine, and/or atmospheric measuring/management; Vegetation mapping; and Watershed characterization for mitigation planning.