



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



**Professional Engineering Services
Contract # GS-23F-0167S
April 28, 2016 through April 27, 2021
Business Size: Small
DUNS Number: 36-144-2804**

**Elzly Technology Corporation
1608 Washington Plaza North
Reston, VA 20190
703/ 738-6624 (p)
703/ 880-4662 (f)**

www.elzly.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:
GSAAdvantage.gov.

For more information on ordering from Federal Supply Schedules, click on the FSS Schedules button at fss.gsa.gov.

Customer Information

1a. Awarded special item numbers:

871-3 and 871-3RC System Design, Engineering and Integration

1b. Not Applicable

1c.

2. Maximum order: \$1,000,000

3. Minimum order: \$100.00

4. Geographic coverage: Worldwide

5. Point(s) of production:

Elzly Technology Corporation
1608 Washington Plaza North
Reston, VA 20190
703/ 738-6624

Elzly Technology Corporation
2560 Industrial Way, Suite B
Vineland, NJ 08360
856/ 839-2434

6. Discount from list prices or statement of net price: Not Applicable

7. Quantity discounts:

<u>Volume Threshold (\$ per order)</u>	<u>Labor Discount</u>
< 200,000	0
200,000-400,000	0.5%
400,001-600,000	1.0%
600,001-750,000	1.5%
> 750,000	2.0%

8. Prompt payment terms: 2% Discount, Net 30 days

9a. Government purchase cards are accepted at or below the micro-purchase threshold.

9b. Government purchase cards are accepted above the micro-purchase threshold.

10. Foreign items (list items by country of origin): Not Applicable

- 11a. Time of delivery: Negotiated with the Task Order
- 11b. Expedited Delivery: Negotiated with the Task Order
- 11c. Overnight and 2-day delivery: Negotiated with the Task Order
- 11d. Urgent Requirements: See contract clause I-FSS-14-B. Agencies can contact the contract administrator to obtain faster delivery.
- 12. F.O.B. point(s): Destination
- 13a. Ordering address:

Elzly Technology Corporation
1608 Washington Plaza North
Reston, VA 20190
703/ 738-6624
- 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 (<http://fss.gsa.gov/schedules>).
- 14. Payment address:

Elzly Technology Corporation
1608 Washington Plaza North
Reston, VA 20190
703/ 738-6624
- 15. Warranty provision: Standard Commercial
- 16. Export packing charges: Not Applicable
- 17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level): Elzly imposes no unique terms or conditions for use of government purchase cards. Compliance with Federal Regulations is the only requirement.

18. Terms and conditions of rental, maintenance, and repair: Not Applicable
19. Terms and conditions of installation: Not Applicable
20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices: Not Applicable
- 20a. Terms and conditions for any other services: Not Applicable
21. List of service and distribution points: Not Applicable
22. List of participating dealers: Not Applicable
23. Preventive maintenance: Not Applicable
- 24a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants): Elzly is dedicated to preservation of the environment. We comply with all federal, state, and local environmental regulations.
- 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.): Not Applicable
25. Data Universal Number System (DUNS) number: 36-144-2804
26. Elzly Technology Corporation is registered in the System for Award Management (SAM.gov) database.

Introduction

Elzly Technology Corporation provides technical consulting services to customers needing specialized knowledge and experience in materials technology. We use our background and rigorous analyses to provide superior advice. Culturally, we recognize that our products have an impact beyond the immediate task. Strategically, we attempt to consider all issues and bring the most effective solution to our customers.

Elzly staff possesses strong analytical skills grounded in the intricacies of “real world” operations. Elzly personnel include professional engineers with over 30 years’ experience. We have worked for various DoD services, Federal/ State/ Local Government agencies, and the private sector. Our experience allows us to bring a broad perspective to our customers. Our broad experience base and dedication to customer service provides our customers with timely, insightful, and practical solutions to their materials engineering problems.

Services

SIN 871-3, 871-3RC – System Design, Engineering and Integration

Description

Services provided 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, design studies and analysis, high level detailed specification preparation, configuration management and document control, fabrication, assembly and simulation, modeling, training, privatization and outsourcing.

Services

Specific Elzly services related to this SIN include:

- Field Investigations / Corrosion Mitigation
- Designs, Specifications, and Educational Materials
- Corrosion Control Engineering

Selected Experience

Elzly provides engineering services to support Field Investigation / Corrosion Mitigation, creates Designs, Specifications, and Educational Materials, and provides Corrosion Control Engineering. These are described in detail below:

Field Investigations / Corrosion Mitigation

Elzly provides services to inspect the corrosion condition of fielded systems. Condition data is gathered in a systematic format using either Elzly or client-supplied formats. We are comfortable using either. Elzly deploys inspection teams, trains them on uniform data acquisition, and provides data management / data upload services for clients. Elzly develops a strategy to collect representative corrosion data from fielded systems. The strategy employs statistical sampling to identify corrosion trends based on asset type and locations. The team includes corrosion engineers capable of gathering and analyzing data indicative of class problems for proposed engineering remedies.

Elzly collects and analyzes data using existing assessment tools for the purposes of tracking corrosion progression. The data allow for trend analysis and isolation of problem areas for possible redesign. The data shall also support identifying corrosion issues for maintenance and storage methods.

Elzly reviews demonstration/ validation plans and monitors testing of corrosion prevention products under actual service conditions and analyze results to evaluate corrosion control technologies. Elzly staff will apply CPC materials to assets in accordance with applicable protocols in order to track their effectiveness. Successful methods will be documented for clients. This work may be accomplished through activities performed on the lot, in the motor pool, at depots, or in conjunction with Original Equipment Manufacturers (OEMs). These efforts will include capturing all costs associated with implementing the technology, monitoring the performance of these upgrades, and determining the impact on maintenance due to corrosion. The results of this work will be used to demonstrate the benefits of these materials including a Return on Investment (ROI).

Elzly develops and /or provides new techniques, equipment and processes for surface preparation, coatings application, coatings inspection, and coatings removal to meet emerging corrosion control requirements. Elzly provides demonstration / validation of these processes to ensure their applicability.

Elzly performs analysis of a wide range of products including metals, platings, organic coatings, composites, and corrosion preventative compounds (CPCs).

As needed to support engineering evaluations, Elzly performs site work, installation, and operations in support of experimentation and system concept evaluation. Experiments typically require platforms, machinery, piping systems, mockups, and/or simulated environments. Elzly designs and fabricates experimental test beds, components, and parts.

As needed to support field activities, Elzly travels as necessary to perform the various tasks. Elzly travel is all in general accordance with the limitations contained in Joint Travel Regulations.

Design, Specifications, and Education Materials

Elzly develops and provides design documents, specifications (technical manuals), and educational materials to support the implementation of corrosion control design, materials, and procedures. As appropriate, Elzly reviews, analyzes, develops, and validates modifications to corrosion related specification and standards, Commercial Item Descriptions (CIDs), Technical Manuals (TM) and Technical Bulletins (TB), Engineering Drawings and contract language to support the use of materials or maintenance procedures for the corrosion protection or to correct such documents and make them current.

Elzly reviews include an assessment of the technical characteristics of specifications as they relate to coatings, fasteners, pre and post treatments, and corrosion control, comparing the performance requirements to the current state-of-the-art in corrosion resistant materials and testing. The analysis includes a review of the corrosion performance of these materials/procedures and the development of specific test requirements for validation of performance to the applicable standards, which can be used for qualification of said standard.

Elzly reviews existing field activity plans and develops specific organizational corrosion control maintenance procedures including corrosion control inspection (CCI) checklists for use by personnel performing Preventive Maintenance Checks and Services (PMCS). These procedures identify recommended maintenance actions to be performed at the operator/user level to reduce the onset of corrosion. These procedures will be used by operators and other field activity maintainers to mitigate corrosion. The procedures shall include written and pictorial representations of the materials and locations for the application of corrosion preservative compounds, practices and design and report on their efficacy as well as correcting the post-application condition of the vehicle.

Elzly provides training materials for the users/operators of equipment on the general maintenance practices for corrosion prevention and control. This training provides the users with an understanding of how to identify and document corrosion, correct corrosion damage, and perform maintenance activities. Elzly also provides QA method training to ensure proper application of materials and procedures.

Corrosion Control Engineering

Elzly supports Research, Development, Testing and Engineering projects and programs. These efforts include program management activities and test and evaluation of corrosion prevention and control technologies.

Elzly conducts fundamental and applied studies to determine the effect of natural environmental exposure on the performance, operation, and degradation of materials, including metallic alloys, composites, polymers, and organic/inorganic coatings materials. We identify, assess, and mitigate material corrosion problems in the laboratory and in the field. Methods may include electrochemical evaluations, chemical analyses, metallographic investigations, and other analytical tests. Testing may include field tests, accelerated testing, and process simulation tests. Elzly measures and documents the corrosion state of materials.

Elzly provides cathodic protection design services and the evaluation of different cathodic protection materials. Designs may include computational modeling and physical scale modeling as well as field measurements.

Elzly provides written reports documenting the results of engineering investigations and develops technical documentation to guide the implementation of new materials and practices.

Labor Categories

Senior Consultant

Description	Engineering-related services provided by individuals with more than 15 years experience in the subject matter. Generally considered a subject matter expert based on publication of technical articles and reports in engineering.		
Qualifications	<u>Experience</u>	<u>Education</u>	<u>Certifications</u>
	15 Years	B.S. Degree in Engineering (minimum standard) and Professional Certification Advanced Degree (M.S. or PhD or DSc) may substitute for Professional Certification	Registered Professional Engineer NACE Certified Corrosion Specialist NACE or SSPC Certified Cathodic Protection or Coating Specialist
Duties	Plans, co-ordinates, and executes engineering programs for multiple customers. Has ultimate responsibility for program execution. Selects / establishes team and the overall technical direction of the work. Serves as the President's final reviewer of the work product. Makes sure the work satisfies customer needs and complies with Elzly's overall QA process.		

Senior Engineer

Description	Engineering-related services provided by degreed engineer with more than 10 years experience. Advanced education and / or Industry Certificates may substitute for up to 5 years of service.		
Qualifications	<u>Experience</u>	<u>Education</u>	<u>Certifications</u>
	10 Years, <i>or</i> 5 Years with Professional Certification	B.S. Degree in Engineering	Not required – One of following may count towards 5 years of experience: Registered Professional Engineer NACE Certified Corrosion Specialist NACE or SSPC Certified Cathodic Protection or Coating Specialist
Duties	Plans, co-ordinates, and executes engineering work on single programs. Based on experience, will be expected to be in responsible charge for executing the technical program designed by the Sr. Consultant. Serves as the client single-point-of-contact for the project. Will direct team members and subcontractors on projects. Will serve as the primary internal reviewer of others' work to ensure it satisfies customer needs and complies with Elzly's overall consulting standards.		

Staff Engineer

Description	Engineering-related services provided by degreed engineer, Less than 10 years experience.		
Qualifications	<u>Experience</u>	<u>Education</u>	<u>Certifications</u>
	2 to 10 years experience	B.S. Degree in Engineering	Not required
Duties	Performs engineering-related work requiring judgment in the evaluation, selection, and adaptation and/or modification of methodologies and tools. Will work at the direction of Sr. Consultants or Sr. Engineers. Primary responsibilities include data acquisition, literature reviews, field data collection, data reduction, and graphics generation.		

Senior Analyst

Description	Project analysis provided by degreed or Industry Certificated individual with more than 10 years experience. Advanced education may substitute for up to 5 years of service.		
Qualifications	<u>Experience</u>	<u>Education</u>	<u>Certifications</u>
	10 Years, or 5 Years with an M.S. or other advanced degree	B.S. Degree in Science, Accounting, Business, or other Technical Area (not Engineering) M.S. Degree in Business, Science, or other area may substitute for 5 Years Experience	The following may be substituted for a B.S. Degree: NACE Certification in Cathodic Protection NACE / SSPC Certification in Coating Inspection SSPC Certification as Coating Specialist
Duties	Individual serves as senior member of project teams to plan and gather supporting data or information related to client project-objectives. This information and execution will be related to technical, non-engineering items such as regulatory analysis of EPA / OSHA statues for project impacts, discussions with product vendors / manufacturers on material specifications, or interface with logistics and planning personnel. Typically report directly to Sr. Consultants and Sr. Engineers. May serve as 1 st level reviewer of others' work to ensure it satisfies customer needs and complies with Elzly's overall consulting standards.		

Staff Analyst

Description	Technical support services from non-engineer in support of specific engineering tasks. Less than 10 years experience.		
Qualifications	<u>Experience</u>	<u>Education</u>	<u>Certifications</u>
	6 months to 5 years with B.S. Degree	B.S. Degree, or other Technical Area (not Engineering)	Not required
	3 to 10 years without degree		
Duties	Performs analytical work in their area of expertise requiring judgment in the evaluation, selection, and adaptation and/or modification of methodologies and tools. Will work for Sr. Analysts or Sr. Engineers and will support obtaining literature, technical reports, and regulatory statutes. Will also provide support in the area of graphics and presentations for clients.		

Technician

Description	Administrative support in preparation of specific engineering tasks. (Support Role)		
Qualifications	<u>Experience</u>	<u>Education</u>	<u>Certifications</u>
	No minimum requirement	High School or G.E.D.	Not required
Duties	Assists consultants, engineers and analysts by collecting, entering, retrieving, organizing, or maintaining analytical data. Duties also include technical document typing and editing, desktop publishing, data entry/retrieval, report generation, and other direct technical administrative support.		

Hourly Labor Rates

<u>Labor Category</u>	<u>Year 11</u> <u>4/28/16</u> <u>thru</u> <u>4/27/17</u>	<u>Year 12</u> <u>4/28/17</u> <u>thru</u> <u>4/27/18</u>	<u>Year 13</u> <u>4/28/18</u> <u>thru</u> <u>4/27/19</u>	<u>Year 14</u> <u>4/28/19</u> <u>thru</u> <u>4/27/20</u>	<u>Year 15</u> <u>4/28/20</u> <u>thru</u> <u>4/27/21</u>
Sr. Consultant	155.40	160.06	164.86	169.81	174.90
Sr. Engineer	124.31	128.04	131.88	135.84	139.91
Staff Engineer	93.23	96.03	98.91	101.88	104.93
Sr. Analyst	115.61	119.08	122.65	126.33	130.12
Staff Analyst	74.59	76.82	79.13	81.50	83.95
Technician	55.95	57.63	59.35	61.14	62.97

SCA Matrix		
SCA Eligible Contract Labor Category	SCA Equivalent Code – Title	WD Number
Technician	30081-Engineering Technician I	2005-2103

“The Service Contract Act (SCA) is applicable to this contract and it includes SCA applicable labor categories. The prices for the indicated SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the matrix. The prices offered are based on the preponderance of where work is performed and should the contractor perform in an area with lower SCA rates, resulting in lower wages being paid, the task order prices will be discounted accordingly.”

Notes:

1. All rates in US Dollars per hour
2. All rates include the 0.75% Industrial Funding Fee (IFF) which Elzly will set aside for payment to GSA on a quarterly basis.
3. All travel under these GSA contracts will comply with the Joint Travel Regulations, as applicable, and that established Federal Government per diem rates apply to contract travel. We will not add / remit the 0.75% IFF on travel expenses.
4. Annual Escalation: 3%

Ordering Information

Elzly Technology Corporation offers a straightforward process for GSA Schedule contracting. The Elzly GSA Contract Administrator is available to guide you through the ordering process.

The entire acquisition process can be initiated and work started within thirty days, saving agency time and money. A Blanket Purchase Agreement (BPA) can be created for recurring services when exact items, quantities and delivery requirements are not known in advance. The administrative time for acquiring Elzly's services under a BPA can be as short as 3 days.

For additional information, contact the GSA Contract Administrator at:

James A. Ellor
Elzly Technology Corporation
1608 Washington Plaza North
Reston, VA 20190
703/ 738-6624 (phone)
703/ 880-4662 (fax)
jellor@elzly.com

For more information, you may also visit the Elzly website:

www.elzly.com