

GENERAL SERVICES ADMINISTRATION

Federal Supply Service

Authorized Federal Supply Schedule Price List

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!**TM, a menu driven database system. The INTERNET address **GSA Advantage!**TM is:
<http://www.GSAAdvantage.gov>.

Professional Services Schedule
Industrial Group: 00CORP
Contract Number: GS-10F-0261S

For more information on ordering from Federal Supply Schedules
click on the FSS Schedules button at <http://www.fss.gsa.gov>.

Contract Period: May 18, 2016 through May 17, 2021

Contractor: Advanced Resource Solutions, Inc.
3420 Coach Lane, Suite 13
Shingle Springs, CA 95682-8406

Business Size:
Small Business

Telephone: 530.676.1095
Fax Number: 530.676.1023
Web Site: www.arsplanning.com
Email: info@arsplanning.com

Contract
Administration: Vicky M. Miles

Customer Information

1a. Table of awarded special item number(s) with appropriate cross reference to item descriptions and awarded price(s).

899-1 Environmental Consulting Services
899-7 Geographical Information Systems (GIS)
Recovery Purchasing SINs 899 1 RC and 899 7 RC

1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply. See "Contract Price List" section

1c. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles,

experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item. See "Labor Classifications" section

2. **Maximum Order:** \$1,000,000.00
3. **Minimum Order:** \$100.00
4. **Geographic Coverage (delivery area):** Domestic only
5. **Point(s) of production (city, county, and State or foreign country):** Same as company address
6. **Discount from list prices or statement of net price:** Government net prices (discounts already deducted). See "Contract Price List" section
7. **Quantity discounts:** None Offered
8. **Prompt payment terms:** Net 30 days
- 9a. **Notification that Government purchase cards are accepted at or below the micro-purchase threshold:** Yes
- 9b. **Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold:** Will not accept over \$3,000.00
10. **Foreign items (list items by country of origin):** None
- 11a. **Time of Delivery:** Specified on the Task Order
- 11b. **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 its choosing to highlight items in its price lists that have expedited delivery: Contact Contractor
- 11c. **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: Contact Contractor
- 11d. **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 effect a faster delivery: Contact Contractor
12. **F.O.B. point(s):** Destination
- 13a. **Ordering Address(es):** Same as company address
- 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(es):** Same as company address
15. **Warranty Provision:** Contractor's standard commercial warranty
16. **Export Packing Charges (if applicable):** N/A
17. **Terms and conditions of Government purchase card acceptance (any thresholds above the micro-**

- purchase level):** Contact Contractor
18. **Terms and conditions of rental, maintenance, and repair (if applicable):** N/A
 19. **Terms and conditions of installation (if applicable):** N/A
 20. **Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable):** N/A
 - 20a. **Terms and conditions for any other services (if applicable):** N/A
 21. **List of service and distribution points (if applicable):** N/A
 22. **List of participating dealers (if applicable):** N/A
 23. **Preventive maintenance (if applicable):** N/A
 - 24a. **Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants):**
 - 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/.**
 25. **Data Universal Number System (DUNS) number:** 79-0913409
 26. **Notification regarding registration in Central Contractor Registration (CCR) database:** Registered
 27. **Uncompensated Overtime. (Indicate if used):** ARS does not require or encourage uncompensated overtime and therefore ARS does not calculate an uncompensated overtime rate.

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About Advanced Resource Solutions, Inc.

Advanced Resource Solutions, Inc. (ARS) is a multi-disciplinary environmental consulting firm specializing in land use, recreation and travel management planning, GPS route/facility inventories, route marker installation, public outreach and mediation, and the preparation of environmental documentation. The staff is fully integrated with specialists in travel management, recreation and land use planning, environmental documentation and compliance, wilderness planning, Geographic Information Systems, environmental law, air quality, plant community ecology, environmental monitoring, ecology, wildlife and population biology, geology, geomorphology, and biogeography.

In addition to a broad environmental background, ARS staff members have decades of direct experience in travel management and recreation planning with federal, state and local governmental agencies in several states in the

western United States. A great deal of this experience has centered on working with these agencies on land use documents that include as a major component, issues related to the management of public access and travel management (including both motorized and non-motorized uses) in locations often characterized by sensitive habitats or species.

ARS has developed and continues to refine and improve proprietary processes and associated software products as tools for the evaluation of routes for travel management/land use planning that considers applicable environmental, legal, commercial and policy factors. These proprietary tools are designed to assist clients with guidance as to what steps need to be taken throughout the travel management planning process. Additionally they assist the client in addressing the various legal requirements that are pertinent to this field of planning, including for example: NEPA, ESA, Presidential Executive Orders, BLM and USDA Forest Service Organic Acts, Mining and Grazing Acts, as well as assisting the various land management agencies in addressing the other various environmental constraints, recreation needs, and economic considerations that come into play in travel management planning. As a component of the proprietary route evaluation tool, software is utilized to systematically capture Agency data and organize it into a database customized for this use. This data can be accessed easily by the Agency and utilized as a reference tool for future planning projects, to assist with route evaluation/designation, and to compile data for use during the NEPA analysis phase of a planning process.

The staff at ARS has worked with many agencies, including the Bureau of Land Management, USDA Forest Service, National Park Service, US Fish and Wildlife Service, National Marine Fisheries Service, US Corps of Engineers, Environmental Protection Agency and numerous State agencies. This experience has allowed the staff to hone their skills in travel management/land use planning, environmental compliance (e.g., NEPA, ESA), performing GPS inventory, public hearings, responding to comments, GIS analysis, environmental monitoring, and the development of innovative land use and travel management solutions.

Services Offered by SIN

SIN 899-1 Environmental Consulting Services

The staff at ARS has worked with many regulatory agencies, including the BLM, USDA Forest Service, National Park Service, US Army Corps of Engineers, US Fish and Wildlife Service, National Marine Fisheries Service, Environmental Protection Agency and numerous State agencies. ARS understands and looks forward to the due diligence required in meeting the regulatory and statutory requirements demanded of these agencies.

ARS staff has prepared environmental planning documents and provided agency staff with advice and guidance in support of environmental planning in subjects such as EIS and EA preparation, travel management/motorized travel plans (BLM/USFS), resource management plans, forest management plans, and habitat conservation/management plans and biological assessments (HCPs/HMPs).

ARS is able to contract with agencies in any of a number of roles from fully managing and/or preparing major land use documents to assisting in finite technical roles. ARS staff members have contributed as principal or co-authors to numerous Federal and State land use planning documents throughout the western United States. ARS is also experienced in the role of augmenting Agency staff and in this role emphasizes flexibility and versatility that puts the specific needs of the clients first.

Through their diverse background, the staff of ARS is familiar with numerous federal requirements for environmental planning, including amongst others:

- National Environmental Policy Act
- Federal Land Policy and Management Act
- National Forest Management Act
- National Historic Preservation Act
- Clean Water Act
- Acts relating to Archeological and Historic Preservation
- Clean Air Act
- Endangered Species Act
- Wild and Scenic Rivers Act
- Wilderness Act
- National Trails Systems Act
- Other federal acts and regulations, including agency-specific regulations

In order to better facilitate Travel Management Planning ARS has developed a proprietary process / software that interfaces with large Agency resource databases and GIS to assist with route evaluation as a basis for creating a successful travel management/motorized travel plan. This proprietary planning tool builds upon the history of past efforts of route evaluation and designation, assists with addressing the various issues and concerns raised by both private and public entities, and incorporates and assists with addressing the numerous statutory requirements that are a part of this type of planning effort. It is based upon the requirements of the National Environmental Policy Act (NEPA), Endangered Species Act (ESA), Presidential Executive Orders, BLM and USDA Forest Service Organic Acts, mining and grazing acts, and numerous additional statutes in addition to environmental constraints, recreation needs, and economic considerations. This process has been or currently is being used by the BLM and USFS in six states as part of approximately dozen different major public land use planning documents.

Specifically, this process through the software designed for this purpose, assists agency staff with the systematic collection and compilation of data and the subsequent evaluation of those routes based upon that data. By basing the data collected on statutory requirements and the various concerns raised by the public, this tool assists agency staff to develop a variety of route network options that address most, if not all of the various identified issues and statutory requirements. For example this process may assist with NEPA compliance by helping with the systematic collection of sensitive resource and route use data that can later be used as part of the analysis in the documentation required by this statute.

Throughout the use of this process and its component tools, ARS staff provide assistance to the agencies in travel management/motorized travel planning, which includes consideration and addressing issues relating to environmental planning, documentation, and compliance; species impacts; developing effective route networks; managing recreation use; and meeting management goals and objectives and desired future conditions.

Over the last decade the staff of ARS have had a role in the planning efforts of approximately 170 Travel Management Areas and their plans (i.e. TMPs / MTPs) and have also been involved in the planning efforts of approximately 10 Land Use Planning / Resource Management Plans. This work has taken place in approximately 74 BLM Field Offices / USFS Ranger District across 9 different states in the Western U.S. In addition, the staff of ARS has been involved in the production of supporting NEPA documentation both at the EA and EIS level for most of those planning efforts.

SIN 899-7 Geographical Information System Services

ARS has extensive experience inventorying with GPS units both motorized and non-motorized routes, as well as route markers in remote backcountry situations. Additionally ARS staff also has extensive experience in both processing that data into useable “clean” formats for use in GIS analysis and then conducting that GIS analysis for our clients who are engaged in various forms of land use planning, including travel management planning and NEPA analysis.

Over the last decade, ARS staff has captured via Trimble GPS units over 85,000 miles of remote backcountry route inventory data, which has been collected on approximately 55 million acres of BM and USFS lands in five western states. ARS staff has then been responsible for processing that data for our Agency clients utilizing state of the art ESRI GIS software. As the last step in utilizing that data for planning, ARS staff has assisted our Agency clients with the analysis of that data as part of the land use planning process utilizing ESRI GIS software, Microsoft EXCEL and ACCESS, as well as our own proprietary software that is part of our route evaluation tool.

Logistically, ARS staff has the capacity to plan, supervise and carry out route inventory efforts ranging from a few hundred to several thousand miles. ARS staff has in fact conducted some of the largest route inventory efforts in the U.S., with project mileage totals in excess of 10,000 miles spread across millions of acres of public lands. In addition to capturing via GPS linear route features, ARS field staff are knowledgeable in the operation of elaborate GPS data dictionaries that allow the capture of other line, point and polygon data useful, if not necessary for effective planning, e.g. campgrounds, erosion scars, abandoned mines, stream crossings, etc.

ARS GIS and planning staff also have extensive experience with inputting the GPS data our own crews have collected or the data that has been provided to us by Agency clients into GIS software, where it can be analyzed as

part of the planning process. Utilizing GIS software, as well as our own proprietary software that is part of our route evaluation tool, ARS GIS/ planning staff have analyzed and assisted with the evaluation of well in excess of 85,000 routes on approximately 50 million acres of public lands across the western U.S. Utilizing the GIS work products that we have helped create, ARS staff assist Agency staff in the evaluation of routes based upon a number of factors, including for example: minimizing or eliminating impacts to sensitive species, habitats and cultural resources; providing for permitted commercial and administrative access and enabling public recreational access where appropriate, etc. and then assist the Agency staff in making recommendations for route designation.

In summary, our extensive experience allows flexibility in providing broad or focused assistance to agency staff to supplement their GIS needs. ARS is prepared to offer GIS services ranging from the GPS survey, to imagery photo-interpretation, to sophisticated GIS data analysis.

Contract Price List

Price List Effective: May 18, 2016

The rate for each labor category is applicable to each awarded SIN.

Labor Category	Hourly Rate
Principal	\$144.92
Project Manager III	\$120.05
Project Manager II	\$108.69
Administrative Manager	\$86.63
Subject Matter Specialist V	\$149.63
Subject Matter Specialist IV	\$136.76
Subject Matter Specialist III	\$120.76
Scientist (biologist, geologist, archeologist, soils, etc.) II	\$83.19
Scientist (biologist, geologist, archeologist, soils, etc.) I	\$53.66
Environmental Planner III	\$134.17
Environmental Planner II	\$108.69
Environmental Planner I	\$83.19
GIS Specialist III	\$120.75
GIS Specialist I	\$83.19
GPS Inventory II	\$84.51

Other Direct Costs (ODCs) will be listed as separate line items and identified as “open market charges”. These ODCs will be negotiated by the task ordering official when the task order is issued. When ODCs are valued over \$2,500.00, all pertinent acquisition regulations must be followed by the ordering agency.

SCA Matrix

The Service Contract Act (SCA) is applicable to this contract and includes SCA applicable labor categories. The following SCA Matrix is incorporated into the contract:

SCA Eligible Contract Labor Category	SCA Equivalent Code – Title	WD Number
GPS Inventory II	30090 – Environmental Technician	05-2055

The Service Contract Act (SCA) is applicable to this contract and includes an SCA applicable labor category. 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 work be performed in an area with lower SCA rates, resulting in lower wages being paid, the task order prices will be discounted accordingly.

Labor Classifications						
Classification	Grade	Duties/Responsibilities	Training/Certification	Required Minimum Experience	Education	Experience Requirements*
Principal	I	Corporate head of firm. Prepares and approves contracts; directs the work of senior level staff; represents ARS at corporate meetings; provides recommendations/guidance; prepares reports, correspondence and documentation.	Training in land use, natural resources and federal regulations required.	15 years	Advanced degree in natural science, planning or related disciplines.	Project management, budgeting, natural resource data collection and analysis; environmental report preparation pursuant to federal and state regulations; mediation and facilitation at public meetings.
Project Manager	III	Directs the work of senior level staff and/or multiple associate level staff; represents ARS at public meetings; participates in client meetings; undertakes independent work on major task elements of projects; provide recommendations/guidance; prepare data analysis, reports, correspondence and documentation.	Training in land use, natural resources and federal regulations recommended.	3 years	Bachelor or Master's degree in natural resource related disciplines and/or licensed in professional architectural/engineering fields and/or equivalent experience.	Project management, budgeting, natural resource data collection and analysis; land use and facilities planning; GIS analysis; environmental reports preparation pursuant to federal and state regulations.
	II	Directs the work of associate level staff; assists with representing ARS at public meetings; participates in client meetings; undertakes independent work on certain task elements of projects; provide recommendations/guidance; prepare data analysis, reports, correspondence and documentation.	Training in land use, natural resources and/or federal regulations recommended.	1 year	Bachelor or Masters of Science or Arts degree in natural resource related disciplines and/or licensed in professional architectural/engineering fields or equivalent experience.	Assistance with project management and budgeting, natural resource data collection and analysis; land use and facilities planning; GIS analysis; environmental reports preparation pursuant to federal and state regulations.

Labor Classifications						
Classification	Grade	Duties/Responsibilities	Training/Certification	Required Minimum Experience	Education	Experience Requirements*
Administrative Manager		Manages and/or oversees major functions or multiple programs; assists Principal with managing project managers, making broad policy decisions and ensures alignment of priorities with project, client and corporate goals; reviews and approves program objectives/ results; responsible for contract administration and compliance; has broad discretion, in setting priorities amongst staff.	Training in applicable subject areas recommended.	5 years	Bachelor or Associate level degree, formal training and/or equivalent experience.	Typically more than five (5) years of experience; strong leadership, planning, problem solving, management and supervision skills required.
Subject Matter Specialist	V	Represents ARS and/or its clients as nationally renowned expert renowned expert in their technical discipline (e.g. travel management, specific agency policy, legal compliance, etc.); directs the work of senior level staff and/or multiple associate level staff; participates in client and public meetings; develops and oversees innovative approaches; provide recommendations/ guidance; prepare data analysis, reports and documentation.	Training or assistance with the development of new technologies or processes in the technical discipline required.	8 years	Advanced degree in biological or other natural science disciplines and/or equivalent experience.	Typically in excess of eight (8) years experience or primarily responsible for the development of new technologies and processes in the technical discipline.
	IV	Represents ARS and/or its clients as renowned expert renowned expert in their technical discipline (e.g. travel management, specific agency policy, legal compliance, etc.); directs the work of associate level staff; participates in client and public meetings; assists in the development of innovative approaches; provide recommendations/ guidance; prepare data analysis, reports and documentation.	Training or direct assistance with the development of new technologies or processes in the technical discipline required.	6 years	Bachelor or Masters of Science or Arts degree in technical discipline and/ or licensed in professional field(s) and/or equivalent experience.	Typically in excess of six (6) years of experience or responsible for assisting in the development of new technologies and processes in the technical discipline.

Labor Classifications						
Classification	Grade	Duties/Responsibilities	Training/Certification	Required Minimum Experience	Education	Experience Requirements*
	III	Represents ARS and/or its clients as renowned expert in their technical discipline (e.g. travel management, specific agency policy, legal compliance, etc.); supervises the work of associate level staff; participates in client and public meetings; assists in the development of innovative approaches; provide recommendations/guidance; prepare data analysis, reports and documentation.	Training in the technical discipline highly recommended.	4 years	Bachelor's degree in technical discipline and/or licensed in professional field(s) or equivalent experience.	Typically in excess of four (4) years of experience or responsible for assisting in the development of new technologies and processes in the technical discipline.
Scientist (biologist, geologist, archeologist, soils, etc.)	II	Undertakes supervised work on task elements of projects related to specialty area; provide recommendations/guidance; prepare data analysis, reports and documentation.	Training in applicable subject areas recommended.	1 years	Bachelor or Masters of Arts or Science degree in relevant subject matter, formal training in subject area or equivalent experience.	Data collection, testing and analysis, as appropriate, in area of specialty; environmental report preparation pursuant to federal and state regulations.
	I	Review and analysis of sampling and monitoring; perform analytical tests in the field; undertakes specific tasks as assigned by senior level staff.	Training in applicable subject areas recommended.	1 years	Bachelor or Associate of Arts or Science degree in relevant subject matter, formal training in subject area or equivalent experience.	Sample collection; preparation of documentation supporting investigations; conveying technical information to non-technical audiences from diverse backgrounds.
Environmental Planner	III	Develops and oversees innovative approaches, undertakes independent work on major task elements of projects; supervises work of subordinates and specific task elements of projects; participates in client and public meetings; provide recommendations/guidance; prepare data analysis, reports, correspondence and documentation.	Training in land use, natural resources and federal regulations recommended.	3 years	Bachelor or Masters of Science or Arts degree in natural resource related disciplines and/or licensed in professional field(s) or equivalent experience.	Natural resource data collection and analysis; land use and facilities planning; GIS analysis; environmental reports preparation pursuant to federal and state regulations.

Labor Classifications						
Classification	Grade	Duties/Responsibilities	Training/Certification	Required Minimum Experience	Education	Experience Requirements*
	II	Assist in development of innovative approaches, review and development of land use documentation; undertakes independent work on task elements of projects; participates in client and public meetings; review applicable regulations; prepare data analysis, reports, correspondence and documentation.	Training in applicable subject areas recommended.	1 year	Bachelor or Masters of Arts or Science degree in relevant subject matter, formal training in natural resource areas or equivalent experience.	Resource data collection and analysis, technical report preparation, and regulatory compliance analysis.
	I	Review and development of land use documentation; review applicable regulations; prepare data analysis, reports, correspondence and documentation.	None required.	1 year	Bachelor's or Associate level degree in relevant subject matter, formal training in natural resource areas or equivalent experience.	Limited resource data collection and analysis, technical report preparation, and regulatory compliance analysis.
GIS Specialist	III	Develops and oversees innovative approaches, as well as undertakes independent work on major task elements of projects related to GIS; GIS project creation and editing; directs the work of senior level staff and/or multiple associate level staff; participates in client and public meetings; provide recommendations/guidance; prepare complex data analysis, reports and documentation.	Training in applicable subject areas recommended.	3 years	Bachelor or Master's degree in relevant subject matter, formal training in GIS or equivalent experience.	GIS mapping and analysis, database interfaces, GPS data collection, environmental report preparation pursuant to federal and state regulations.
	I	GIS project creation, GIS editing, map production.	Training in applicable subject areas recommended.	1 year	Bachelor or Associate of Arts or Science degree, formal training in subject area or equivalent experience.	GPS data collection and GIS mapping.

Labor Classifications						
Classification	Grade	Duties/Responsibilities	Training/ Certification	Required Minimum Experience	Education	Experience Requirements*
GPS Inventory	II	Perform field inventory utilizing GPS equipment, assists with development of standards; directs the work of field crew; participates in public meetings; provide recommendations/guidance, reports and documentation.	Training in applicable subject areas recommended.	Six months	High School Diploma or equivalent.	Experience with field inventory, GPS unit operation and standards including geographic coordinate systems and datums, differential correction techniques, as well as other important aspects of the system.

* An Advanced degree may be substituted for three years of the required experience; A Bachelor's degree may be substituted for two years of the required experience; an Associate degree may be submitted for one year of the required experience.