



GSA Federal Supply Schedule

899-1 Environmental
Planning Services and
Documentation

899-7 Geographic
Information Services

Contract Information

Contract No. GS-10F-0339M
June 18, 2002 – June 17, 2007

Contact

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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 searchable database system. The INTERNET address for GSA Advantage!TM is <http://www.GSAAdvantage.gov>.

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Contract Information



Special Item Numbers (SINs): 899-1 Environmental Planning Services and Documentation
899-7 Geographic Information Services

Contract Number: GS-10F-0339M

Contract Period: June 18, 2002 – June 17, 2007

Contractor: RECON Environmental, Inc.

Duns Number: 09-8239510

Addresses: *Headquarters* 525 W. Wetmore Suite 111
1927 Fifth Ave. Tucson, AZ 85705
San Diego, CA 92101

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Web Site: www.recon-us.com

Business Status: HUBZone Certified Small Business Concern

Minimum Order*: \$100

Maximum Order*: \$1,000,000. Requests exceeding the maximum order may be handled pursuant to clause I-FSS-125.

Prompt Payment: Net 30 days

Payment Address: 1927 Fifth Avenue
San Diego, CA 92101

U.S. Government Credit Card Accepted: Yes (contact contractor for terms and conditions)

Geographic Coverage: Domestic only

Point of Production: San Diego, CA

Time of Delivery: Specified on task order

Expedited Delivery: Contact contractor

F.O.B. Points: Destination

Central Contractor Registration (CCR): Registered

*Ordering procedures can be found at <http://www.fss.gsa.gov/schedules>

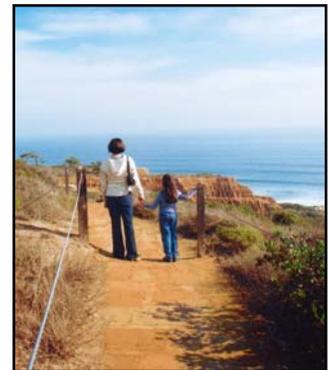
RECON is a company of specialists that has been successfully operating since 1972. With offices in San Diego, California, and Tucson, Arizona, the firm's experience in providing environmental services extends throughout the western United States. We offer our clients the best value and a commitment to excellence.

RECON's award-winning professional staff provides technical expertise in National Environmental Policy Act (NEPA) documentation, environmental planning, biology, archaeology, ethnography, history, acoustics, air quality, habitat restoration, resource agency permitting, endangered species studies, habitat conservation planning, landscape architecture, wetlands, visual analysis, environmental justice, and GIS. We have won regional, state, and national awards for our outstanding services and documents.

SIN 899-1 Environmental Planning Services and Documentation

Environmental Documentation

RECON prepares environmental documents in compliance with NEPA for Department of Defense and Department of the Interior planning and operations/maintenance projects, habitat conservation plans, regulatory agency permits, endangered species incidental take permits, solid waste facilities, Federal Highway Administration (FHWA) funding support, transportation, infrastructure, and utility projects. We also prepare combined environmental documents for projects in California that require both NEPA and California Environmental Quality Act (CEQA) review.



RECON began preparing regional environmental planning documents in 1985, starting with a series of habitat conservation plans and comprehensive management plans for three rivers in southern California. RECON now prepares regional planning documents for military installations, endangered species, habitat restoration and conservation programs, comprehensive land use plans, resource management plans, and watershed management plans.

RECON also conducts third-party technical review and peer review of environmental documents, coordinate hearings, conduct public meetings, prepare materials for public presentations, and provide expert testimony. Our range of environmental documents includes:

NEPA Documents

- ◆ Environmental Assessments (EA)
- ◆ Records of Decision (ROD)
- ◆ Joint NEPA/CEQA Documents
- ◆ Findings of No Significant Impact (FONSI)
- ◆ Alternatives Analyses
- ◆ Environmental Impact Statements (EIS)

Environmental Planning Documents

- ◆ Integrated Natural Resource Management Plans (INRMP)
- ◆ Integrated Cultural Resource Management Plans (ICRMP)
- ◆ Habitat Conservation Plans (HCP)
- ◆ Comprehensive Management Plans
- ◆ Ecosystem Restoration Reports (ERR)
- ◆ Feasibility and Constraints Studies
- ◆ Habitat Restoration Plans

Endangered Species and Wetlands Analyses

RECON provides complete biological and natural resource services including wetlands and endangered species studies. RECON's services include:

- ◆ Biological feasibility surveys
- ◆ General biological resource surveys
- ◆ Directed surveys for threatened and endangered species
- ◆ Mapping using GIS and GPS technology
- ◆ Endangered species studies, permits and planning
- ◆ Mitigation and construction monitoring
- ◆ Wetland delineations per USACE regulations
- ◆ Jurisdictional Waters Determinations
- ◆ Coordination with USFWS
 - ◆ ESA Section 7 consultation
 - ◆ ESA Section 10(a) permits
- ◆ Coordination with USACE
 - ◆ CWA Section 404/401 permits
 - ◆ USACE protocol wetland delineations
- ◆ Preparation and processing of permits in compliance with state regulations
 - ◆ California Department of Fish and Game Section 1601/1603 agreements
 - ◆ Arizona Department of Game and Fish permits
 - ◆ Nevada Department of Conservation and Natural Resources permits
- ◆ Reports and resource planning documents
 - ◆ Biological assessments
 - ◆ Biology technical reports
 - ◆ Feasibility and constraints reports
 - ◆ Wetland delineation reports



- ◆ Natural resource management plans
- ◆ Habitat conservation plans
- ◆ Habitat restoration plans

Our biologists are experienced in surveying for the following sensitive, threatened and endangered species.

TABLE 1
SENSITIVE, THREATENED, AND ENDANGERED SPECIES EXPERIENCE

Plants	Mammals	Invertebrates	Reptiles and Amphibians	Birds
<ul style="list-style-type: none"> ◆ California Orcutt Grass ◆ Canelo Ladies Tresses ◆ Del Mar Manzanita ◆ Huachuca Water Umbel ◆ Munz's Onion ◆ No-named Navarretia ◆ Otay Mesa Mint ◆ Otay Tarplant ◆ Pima Pineapple Cactus ◆ San Diego Ambrosia ◆ San Diego Button-Celery ◆ San Diego Mesa Mint ◆ San Diego Thornmint ◆ Thread-Leaved Brodiaea ◆ Willowy Monardella 	<ul style="list-style-type: none"> ◆ Pacific Pocket Mouse ◆ Stephens' Kangaroo Rat ◆ San Bernardino Kangaroo Rat ◆ San Joaquin Kit Fox 	<ul style="list-style-type: none"> ◆ Conservancy Fairy Shrimp ◆ Longhorn Fairy Shrimp ◆ Riverside Fairy Shrimp ◆ San Diego Fairy Shrimp ◆ Vernal Pool Tadpole Shrimp ◆ Vernal Pool Fairy Shrimp 	<ul style="list-style-type: none"> ◆ Chiricahua Leopard Frog ◆ Lowland Leopard Frog ◆ Desert Tortoise (Mohave and Sonoran) ◆ Flat-tailed Horned Lizard 	<ul style="list-style-type: none"> ◆ Burrowing Owl ◆ Cactus Ferruginous Pygmy Owl ◆ Coastal California Gnatcatcher ◆ Least Bell's Vireo ◆ Mexican Spotted Owl ◆ Northern Spotted Owl ◆ Southwestern Willow Flycatcher ◆ Yuma Clapper Rail ◆ Light-footed Clapper Rail

Habitat Restoration

RECON's has been recognized throughout California and Arizona for providing innovative approaches to habitat restoration and revegetation. We have successfully developed and implemented numerous large-scale revegetation and mitigation plans and programs for a variety of natural communities including coastal sage scrub, maritime succulent scrub, native grasslands vernal pools, southern mixed chaparral, southern maritime chaparral, freshwater marsh, riparian woodland and scrub. RECON is active in the development of improved methods and techniques to make the restoration of natural vegetation communities on disturbed sites successful, including large-scale topsoil and seedbank translocation, salvage and propagation of thousands of native plants, and intensive weeding programs designed to substantially reduce competition with non-natives. In designing habitat restoration programs, RECON reviews appropriate

environmental documents; incorporates mitigation requirements into restoration specifications; prepares planting and hydroseeding specifications; develops maintenance criteria including weed control, irrigation, and erosion control; and establishes monitoring and reporting schedules.

RECON's team is made up of project managers, field supervisors, field crew chiefs, growing facility crew chiefs, and field maintenance workers. The team performs all of the following tasks in house:

- ◆ Seed collecting, packaging, labeling, and storing
- ◆ Plant propagation
- ◆ Plant translocation
- ◆ Plant salvage
- ◆ Pest control
- ◆ Exotic plant species control
- ◆ Irrigation/watering
- ◆ Adaptive management



RECON owns and operates a large native plant nursery in south San Diego County, and provides high volumes of plant materials at competitive prices. We also develop growing facilities on project-specific sites to propagate plants grown under local weather conditions and to reduce the cost of transport and increase survivability. RECON's permanent and project-specific facilities include timed irrigation systems, shade structures, and greenhouses. RECON grows project-specific plants and has an inventory of plants grown from throughout the southern California region. All plants in stock are segregated by seed collection region and are labeled to maintain genetic integrity. Other highlights of our facilities include:

- ◆ 15-acre facility located in an ideal climatic area with little temperature variation during the year
- ◆ Storage and plant propagation areas, shade houses, greenhouses and open fields
- ◆ Full-time horticultural staff
- ◆ Production of approximately 240 different species
- ◆ Production of over 500,000 plants annually
- ◆ Container stock grown in salvaged topsoil to ensure mycorrhizal inoculation
- ◆ Temperature and photoperiod controlled growing areas



RECON also monitors the physical construction of project sites and conducts long-term mitigation monitoring, usually for five years. Our success on projects can be attributed to RECON's ability to control all aspects of the restoration process. By having the planting and maintenance crews under in-house supervision, all of the restoration tasks from seed collection to weeding are completed in a timely manner. Close coordination with

our clients and site maintenance crews, as well as early recognition of potential problems and their hasty remediation, have enabled us to meet restoration goals and have allowed the regulatory agencies and jurisdictions to accept our sites as successful in as few as three years.

Cultural and Heritage Resources

RECON archaeologists have completed cultural resources surveys on more than 300,000 acres and archaeological sampling, significance determination, and data recovery on more than 500 prehistoric and historic-era sites. RECON understands the policies, procedures, and regulations of federal and state resource agencies. We are knowledgeable of NEPA, Section 106 of the National Historic Preservation Act, Archaeological Resource Protection Act of 1979, and Native American Graves Protection and Repatriation Act. We are experienced in National Register of Historic Places forms and criteria for nomination and State of California Historic Resources inventory forms. RECON cultural resources services include:

- ◆ Archaeological record searches
- ◆ Historical record and map searches
- ◆ Field surveys
- ◆ Significance testing
- ◆ Data recovery programs
- ◆ Mitigation planning and implementation
- ◆ Integrated cultural resource management plans (ICRMPs)
- ◆ Construction monitoring
- ◆ Historic properties surveys
- ◆ Historic structure documentation under Historic American Buildings Survey (HABS), Historic American Engineering Record (HAER), and Historic American Landscape Survey (HALS) standards
- ◆ National Register of Historic Places evaluation
- ◆ Section 106 compliance
- ◆ Native American Consultation
- ◆ Educational/informational videos
- ◆ Cultural Landscape Studies
- ◆ Ethnographic Studies
- ◆ Oral History



Landscape Architecture

RECON is a recognized leader in providing a full range of landscape architectural services. In addition to landscape design, the extensive experience of our Registered Landscape Architects includes completion of native plant surveys and inventories, plant salvage assessments and monitoring, development of planting and irrigation plans, and creative integration of native plant preservation and restoration in project planning. Our interdisciplinary approach to projects allows a unique means of integrating natural resource concerns with the practicalities of landscape design requirements. Our landscape architects and restoration specialists provide the following services:

- ◆ Land Use Planning and Analysis
- ◆ Master Planning
- ◆ Environmental Quality Protection Planning
- ◆ Vegetation Preservation Design
- ◆ Natural Resource Damage Assessment (NRDA)
- ◆ Integrated Natural Resource Management Planning (INRMP)
- ◆ Natural Resources Management (including control of invasive species)
- ◆ Site Analysis and Schematic Design
- ◆ Storm Water Pollution Prevention Plans (SWPPPs)
- ◆ Specifications and Materials Research
- ◆ Irrigation System Design and Installation
- ◆ Materials Installation and Success Monitoring
- ◆ Cost Projections and Estimates

Noise Studies

RECON has conducted noise analyses for hundreds of federal, state, and local jurisdictions. Our experience in the acoustical field includes community noise analysis of aircraft, traffic, trains, construction activities, and point source noise generators. We complete analysis for new construction, calculating composite transmission loss for proposed buildings. We are experienced with the FHWA Noise Prediction Model and the newly released Traffic Noise Model (TNM). We have the latest version of the Integrated Noise Model for calculation of airport noise impacts and the Highway Construction Noise Model for assessing construction noise. Our acousticians provide the following services:



- ◆ Noise measurements, both single and simultaneous locations
- ◆ Model effects of mobile noise sources (i.e., traffic, railroads, airports)

- ◆ Model of stationary noise sources (i.e., pump stations, power plants, quarries)
- ◆ Determine impacts to sensitive biological species such as endangered songbirds
- ◆ Determine impacts to sensitive species from military activities
- ◆ Noise studies in compliance with Title 24 of Uniform Building Code
- ◆ Value engineering for highway design as it relates to noise
- ◆ Mitigation design for noise impacts such as sound walls and buffers
- ◆ Public testimony at hearings and meetings

Air Quality

RECON has prepared air quality studies in compliance with federal and state regulations for over 20 years. We have performed hundreds of studies for public and private projects. RECON uses state-of-the-art methods for air quality computer modeling, such as CALINE 4, EMFAC7, ACE2588, URBEMIS7, ISC3, and SCREEN; and API Model 300 carbon monoxide sampler for monitoring. Our air quality services include:

- ◆ Air quality modeling
- ◆ Point mobile sources dispersion modeling
- ◆ Health risk assessments (HRA)
- ◆ State implementation plan conformance review
- ◆ Emissions calculations
- ◆ Air quality technical reports
- ◆ Public testimony at hearings and meetings
- ◆ Clean Air Act conformity review

Visual Resources

RECON's experience in visual analysis includes conducting reconnaissance, evaluation, and documentation in conformance with requirements of the Federal Highway Administration (FHWA), the Bureau of Land Management (BLM), and the United States Forest Service (USFS). RECON has direct experience in applying the BLM Visual Resource Management (VRM) system, as well as that of the USFS and other methods of visual impact analysis and mitigation. The firm has specialized experience in inventorying scenic values and establishing management objectives for those values through the VRM planning process, and then evaluating proposed activities to determine conformance with management objectives. RECON also develops mitigation strategies to revegetate disturbed areas and to reduce visual impacts (e.g., best siting of elements or use areas, minimizing disturbance, recontouring terrain to naturalize slopes and aesthetic treatment of degraded areas).

SIN 899-7 Geographic Information Services

RECON's award-winning GIS department is comprised of highly skilled GIS analysts with extensive training and experience in GIS software analysis and programming. RECON's GIS expertise covers data design, application development, and GIS implementation, as well as a full range of environmental work including GIS modeling, conservation planning, sensitive resource mapping and monitoring, vegetation and vernal pool restoration, hydrologic modeling, and environmental impact analysis. RECON uses GIS software from ESRI, including ArcGIS and ArcInfo, using Windows-based networked workstations as the foundation of our GIS. RECON prepares, subscribes to, and maintains all digital spatial data products as ArcInfo coverages, ArcView shape files, ArcGIS geodatabases and georeferenced imagery. RECON's GIS department uses the most up-to-date ArcGIS software in order to extend our spatial analysis capabilities, streamline data management, improve project efficiency, and enable us to offer our clients digital data in the newest industry-standard formats for GIS.

RECON is experienced in developing datasets according to the latest releases of the Spatial Data Standard for Facilities, Infrastructure and Environment (SDSFIE v2.4). Geographic and spatial information is documented in a manner consistent with those standards published by the FGDC in "Contents Standards for Digital Geospatial Metadata." RECON's comprehensive GIS services include:

- ◆ Mapping and cartography
- ◆ Natural resource planning
- ◆ Site selection
- ◆ Migration pattern analysis
- ◆ Pollution analysis
- ◆ Emergency preparedness planning
- ◆ Remote sensing
- ◆ Environmental modeling
- ◆ Database development
- ◆ Application development
- ◆ GIS training



Federal Regulatory Compliance and Experience

Federal Regulatory Compliance

- ◆ Archaeological Resources Protection Act (ARPA)
- ◆ Clean Air Act (CAA)
- ◆ Clean Water Act (CWA)
- ◆ Coastal Zone Management Act (CZMA)
- ◆ Endangered Species Act (ESA)
- ◆ Executive Order 11988, Floodplain Management
- ◆ Executive Order 11990, Protection of Wetlands
- ◆ Executive Order 11991, Protection and Enhancement of Environmental Quality
- ◆ Federal Noxious Weed Act
- ◆ Fish & Wildlife Coordination Act
- ◆ Fish & Wildlife Conservation on Military Reservations (Sikes Act)
- ◆ Migratory Bird Treaty Act (MBTA)
- ◆ National Environmental Policy Act (NEPA)
- ◆ National Historic Preservation Act (NHPA)
- ◆ National Pollutant Discharge Elimination System (NPDES)
- ◆ Native American Graves Protection and Repatriation Act (NAGPRA)
- ◆ Noxious Plant Control Act
- ◆ Resource Conservation and Recovery Act (RCRA)
- ◆ Water Resources and Development Act (WRDA)

Federal Agency Experience

- ◆ Bureau of Indian Affairs (BIA)
- ◆ Bureau of Land Management (BLM)
- ◆ Bureau of Reclamation (BOR)
- ◆ Federal Energy Regulatory Commission (FERC)
- ◆ Federal Highway Administration (FHWA)
- ◆ General Services Administration (GSA)
- ◆ National Park Service (NPS)
- ◆ Southwest Division Naval Facilities Engineering Command (NAVFACENGCOM)
- ◆ U.S. Air Force (USAF)
- ◆ U.S. Army (USA)
- ◆ U.S. Army Corps of Engineers (USACE)
- ◆ U.S. Coast Guard (USCG)
- ◆ U.S. Department of Agriculture Natural Resources Conservation Service
- ◆ U.S. Department of Justice
- ◆ U.S. Environmental Protection Agency (USEPA)
- ◆ U.S. Fish and Wildlife Service (USFWS)
- ◆ U.S. Forest Service (USFS)
- ◆ U.S. Marine Corps (USMC)
- ◆ U.S. Navy (USN)

Price List

AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST SIN 899-1 AND 899-7

Labor Category	Hourly Rate	Daily Rate
Principal	\$120.59	\$964.72
Senior	\$93.48	\$747.84
Associate	\$81.33	\$650.64
Analyst	\$76.30	\$610.40
Assistant	\$63.84	\$510.72
Research Assistant	\$48.00	\$384.00
GIS Specialist	\$47.72	\$381.76
Production Supervisor	\$47.19	\$377.52
Production Specialist III	\$53.04	\$424.32
Production Specialist II	\$49.50	\$396.00
Production Specialist I	\$37.80	\$302.40
Field Supervisor	\$31.34	\$250.72
Field Crew Chief	\$22.98	\$183.84
Field Technician	\$18.81	\$150.48
Seed Specialist	\$30.00	\$240.00
Resource Monitor	\$47.13	\$377.04

** Rate increases of approximately 3% annually are anticipated. Government prices shown herein are net; all discounts deducted and valid domestically.*