

Nevada Automotive Test Center (NATC)

A Division of Hodges Transportation, Inc.

Environmental Testing	Automotive Testing - Accelerated life cycle, Validation, FMVSS Certification	Virtual Proving Ground
Advanced Engineering	Vehicle Technology Demonstrators	Prototype Fabrication
Vehicle Survivability Testing	Direct-Fire Weapons Systems Testing	Systems Integration

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Customer Information

The Nevada Automotive Test Center (NATC) is an independent test and evaluation, research and development facility located 30 miles east of Carson City, Nevada. NATC utilizes land and water areas totaling approximately one million acres.

Although primarily dedicated to ground vehicle systems, NATC conducts vehicle component evaluations and certifications in addition to weapons systems and ammunition tests. Since its founding in 1957, NATC has continuously served commercial, federal and defense organizations in both domestic and

international arenas. Throughout the years, NATC has contributed to the development of wheeled and tracked vehicle systems. NATC has logged more than 40 million vehicle test miles and evaluated more than 1,000 different vehicle systems from passenger cars to Class 8 trucks to earth moving and agricultural equipment along with some three hundred trailer systems.

To improve support to our customers on the East Coast, NATC has established facilities in Quantico, Virginia. Our group in Northern Virginia provides engineering services. Our dedicated winter test facility near West Yellowstone, Montana provides seasonal vehicle and component evaluations.

On-site resources at NATC's Nevada proving ground include approximately 3,000 miles of test courses including a 1.8 mile paved oval, three full-size vehicle environmental test chambers and two component-size chambers including one for fungus; a railroad transportability test area; an EMC/EMI test range; skid pads for vehicle dynamics evaluations; a large tilt table; established slopes, fording pits, and obstacles; fabrication and repair facilities including engine and electronic system rebuild; and on-site ranges for direct-fire weapons systems and survivability testing.

The NATC facility is situated in a rural portion of northern Nevada, but it has access to all major transport systems. Rail and air cargo facilities are located within 60 miles at Reno, Nevada.

Standard engineering and testing services include translation of customer needs into specific performance requirements, followed by development of the test criteria and scheduling of associated test courses, facilities, ranges, and instrumentation to best satisfy these requirements. NATC provides support during the development of requirements and standards to verify performance, and the bulk of testing at NATC is on prototype and developmental equipment.

NATC recognizes the need for a broad range of services immediately available at one location. From structural analysis to prototype fabrication to production hardware certification, NATC meets these needs throughout the entire vehicle development cycle. NATC combines more than 40 years of ground vehicle system development and test experience with analytical testing and practical real-world solutions to create tailored test programs.

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GSA Federal Supply Service Authorized Federal Supply Schedule Price List

Professional Engineering Services FSC Group 87, FSC Class 871

NOTE: Prices shown herein are NET (discount deducted).

Contract Number: GS-23F-0062M

Contract Period: January 4, 2002 to January 3, 2017

Business Size: Small Business

Cage Code: 2D144

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1.

A. Table of Awarded Special Item Numbers.

- Special Item Number 871-1 Strategic Planning for Technology Programs/Activities
- Special Item Numbers 871-2 Concept Development and Requirements Analysis
- Special Item Number 871-3 System Design, Engineering, and Integration
- Special Item Number 871-4 Test Evaluation
- Special Item Number 871-5 Integrated Logistics Support

Recovery Purchasing:

- Special Item Number 871-1RC Strategic Planning for Technology Programs/Activities
- Special Item Numbers 871-2RC Concept Development and Requirements Analysis
- Special Item Number 871-3RC System Design, Engineering, and Integration
- Special Item Number 871-4RC Test Evaluation
- Special Item Number 871-5RC Integrated Logistics Support

B. Model Numbers - Model Numbers are not applicable to this contract.

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2. **Maximum Order** - The maximum dollar value per order will be \$1,000,000. All dollar amounts are exclusive of any discount for prompt payment.

3. **Minimum Order** - The minimum dollar value of orders to be issued is \$100.00

4. **Geographic Coverage (Delivery Area):** The geographic coverage of this contract encompasses the 48 contiguous states, the District of Columbia, Alaska, Hawaii, and the Commonwealth of Puerto Rico, and all U.S. Government installations or agencies abroad.

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5. **Point(s) of Production (City, County, and State or Foreign Country).** - PES services will be provided at NATC or customer sites. There are no foreign produced items within the scope of this contract.

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6. **Discount From List Prices or Statement of Net Price.** - The rates provided in this Schedule are net prices. No additional discounts are available.
7. **Quantity Discounts** - None.
8. **Prompt Payment Terms** - None.

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- 9.
- A. **Notification That Government Purchase Cards Are Accepted up to the Micropurchase Threshold** - Government purchase cards are accepted below the micropurchase threshold.
 - B. **Notification That Government Purchase Cards Are Accepted Above the Micropurchase Threshold** - Government purchase cards are accepted above the micropurchase threshold.

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10. **Foreign Items** - There are no foreign produced items within the scope of this contract.

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- 11.
- A. **Time of Delivery** - Deliveries will be made in accordance with individual orders.
 - B. **Expedited Delivery** - As this contract is for Professional Engineering Services, expedited delivery is not applicable. However, see 11d. Urgent Requirements below.
 - C. **Overnight and 2-day delivery** - As this contract is for Professional Engineering Services, overnight and 2-day delivery are not applicable. However, see 11d. Urgent Requirements below.
 - D. **Urgent Requirements** - Under clauses I-FSS-140-B, Urgent Requirements, the Government is encouraged to contact NATC if the delivery timing does not meet the Government's bona fide urgent delivery requirement so that other mutually agreeable arrangements can be made.

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12. F.O.B. points(s) - The F.O.B. point will be F.O.B. Destination

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13. Ordering Address:

Mary Hodges
NATC
605 Fort Churchill Road
Silver Springs, NV 89429
Phone: 775-629-2000
FAX: 775-629-2029
Email: mhodges@natc-ht.com

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14. Payment Address:

NATC
Post Office Box 234
Carson City, NV 89702

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15. Warranty Provisions - Per clause 552.246-73, the standard commercial warranty applies.

16. Export Packing Charges - Not applicable.

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17. Terms and Conditions of Government Purchase Card Acceptance -Any Thresholds Above the Micropurchase Level.

18. Term and Conditions of Rental, Maintenance and Repair - Not applicable.

19. Terms and Conditions of Installation - Not applicable.

20.

A. Terms and Conditions of Repair Parts - Not applicable.

B. Terms and Conditions for Any Other Services - The terms and conditions for all services will be in accordance with the contract. No additional terms and conditions apply.

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21. List of Service and Distribution Points - Work will be performed at NATC facilities or at government facilities in accordance with individual task order requirements.

22. List of Participating Dealers - Not applicable.

23. Preventive Maintenance - Not applicable.

24. Environmental Attributes - Not applicable.

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25. Data Universal Numbering System (DUNS) Number - 09-690-8843

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26. Notification Regarding Registration in Central Contractor Registration (CCR) Database - To receive orders from the Department of Defense (DoD) contractors must be registered in the DoD CCR database. The CCR database is DoD's primary repository for contractor information required for the conduct of business with DoD. This requirement does not apply to purchases made with a Government commercial purchase card. NATC is registered in the CCR.

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27. NATC offers the following services under this schedule:

- A. Special Item Number 871-1 Strategic Planning for Technology Programs/Activities
- B. Special Item Number 871-2 Concept Development and Requirements Analysis
- C. Special Item Number 871-3 System Design, Engineering, and Integration
- D. Special Item Number 871-4 Test and Evaluation
- E. Special Item Number 871-5 Integrated Logistics Support

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28. Definition of Labor Categories

Senior Program Manager

Position Summary: Conducts engineering design, development and analysis of components, fixtures and instrumentation test elements. Monitors and provides technical guidance to subordinate engineers in solution to design and technical problems. Accomplishes complex engineering, technological and analytical advanced and special projects.

Education/Experience: Masters' Degree* in Mechanical Engineering or other related field and a minimum of eight (8) years experience in the engineering field, or Bachelors' Degree in Mechanical Engineering or other related field and a minimum of 10 (ten) years' experience in the engineering field.

*Six (6) years of additional general experience is considered equivalent to a Bachelors' Degree. Four (4) years of additional experience + Bachelors' Degree is equivalent to a Masters' Degree.

Program Manager

Position Summary: Completes test and/or project in the timelines and budget given. Sets up and monitors test with sponsor's test director and supervise personnel. Provides guidance to other personnel on software, data format and establishes data acquisition and analysis. Reviews instrumentation requirements with instrumentation department to ensure required instrumentation is available, functional and in calibration. Reviews test procedures to correlate with sponsor's goals and reviews data while test is in progress and reviews data processing when test is complete. Works with sponsor's test director to ensure all data is corrected and to provide direction and recommendations when data is not correct. Is responsible for preparing draft and final reports for sponsor upon completion of test.

Education/Experience: Masters' Degree* in Mechanical Engineering or other related field and a minimum of six (6) years experience in the engineering field, or Bachelors' Degree in Mechanical Engineering or other related field and a minimum of eight (8) years' experience in the engineering field.

*Six (6) years of additional general experience is considered equivalent to a Bachelor's Degree. Four (4) years of additional experience plus a Bachelors' Degree is equivalent to a Masters' Degree.

Senior Engineer

Position Summary: Works under the direct supervision of Program Managers. Prepares written technical test plans and procedures based on the sponsor's test directive and other guides such as SAE, MIL-STD, etc., procedures, publications and past experience with similar programs. Responsible for the day to day vehicle or equipment testing program which may be the performance, durability and/or mobility evaluation of the vehicle or equipment under test. Insures sufficient equipment and personnel are available and scheduled to perform all phases of the test program efficiently and safely. Supervises Test Engineers I and others as required.

Education/Experience: Master's Degree in Mechanical, Electrical or Automotive Engineering or other related field; or Bachelors' Degree in Mechanical, Electrical or Automotive Engineering or other related field and a minimum of three (3) years experience in the engineering field; or eight (8) years combined college education and work experience in a related engineering field.

Engineer

Position Summary: Works under the direct supervision of Program Managers or Test Engineer IIs. Prepares written technical test plans and procedures based on the sponsor's test directive and other guides such as SAE, MIL-STD, etc., procedures, publications and past experience with similar programs. Responsible for the day to day vehicle or equipment testing program which may be the performance, durability and/or mobility evaluation of the vehicle or equipment under test. Insures sufficient equipment and personnel are available and scheduled to perform all phases of the test program efficiently and safely.

Education/Experience: Bachelors' Degree in Mechanical, Electrical or Automotive Engineering or other related field; or five (5) years combined college education and work experience in a related engineering field.

Senior Technician

Position Summary: Assists and supports Test Engineers and Program Managers in the planning and conduct of tests, maintenance of test records and preparation of final reports. Operates test and support vehicles, as well as video and still cameras to document conduct of tests. Prepares vehicles for testing. May supervise other support personnel in conduct of tests.

Education/Experience: High school graduate or equivalent and a minimum of two (2) years additional experience.

Technician

Position Summary: Assists and supports Test Engineers, Program Managers and Senior Technicians in the conduct of tests, maintenance of test records and preparation of final reports. Operates test and support vehicles, as well as video and still cameras to document conduct of tests. Prepares vehicles for testing.

Education/Experience: High school graduate or equivalent.

Senior Administrative Support

Position Summary: Works under the direct supervision of Program Managers. Assists in tracking, assembling, inputting data, generating and drafting reports in support of test operations.

Education/Experience: High school graduate or equivalent and a minimum of three (3) years related work experience; or an Associates' Degree.

Administrative Support

Position Summary: Works under the direct supervision of a Senior Technician. Assists in tracking, assembling, inputting data, generating and drafting reports in support of test operations.

Education/Experience: High school graduate or equivalent and a minimum of one (1) year's related work experience.

Clerical Support

Position Summary: Provides clerical support to managers of departments and other staff as needed.

Education/Experience: High school graduate or equivalent.

Modeling and Simulation

Position Summary: Provides labor and computer time to perform the full range of Computer Aided Engineering (CAE) including full vehicle dynamic modeling/simulation, Control Systems modeling and integration, Finite Element Analysis (FEA) with fatigue prediction capability and Computer Aided Drafting (CAD).

Education/Experience: Bachelors' Degree in Mechanical, Electrical or Automotive Engineering or other related field; or five (5) years combined college education and work experience in a related engineering field.

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29. Service Contract Act (SCA): - The Service Contract Act (SCA) is applicable to this contract and it includes SCA applicable labor categories. The prices for the cited SCA labor categories are based on the U.S. Department of Labor WD Number(s) identified in the SCA 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.

SCA Matrix:

SCA Eligible Contract Labor Category	SCA Equivalent Code – Title	WD Number
Senior Technician	30082 - Engineering Technician II	05-2333
Technician	30081 – Engineering Technician I	05-2333
Senior Administrative Support	01020 - Administrative Assistant	05-2333
Administrative Support	01112 - General Clerical II	05-2333
Clerical Support	01111 - General Clerical I	05-2333

Prices for the SCA labor categories meet or exceed those in Wage Determination No. 05-2333 Revision 13 dated 06/25/2013.

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NATC Labor Category Rates For Professional Engineering Services

NATC qualifications and labor category rates are provided in the following tables for Professional Engineering Services SINs 871-1, 871-2, 871-3, 871-4, and 871-5.

CURRENT PERIOD					
LABOR CATEGORY	GOVERNMENT HOURLY RATES				
Contractor (NATC) Site	1/12 - 1/13	1/13 - 1/14	1/14 - 1/15	1/15 - 1/16	1/16 - 1/17
Senior Program Manager	\$259.04	\$266.81	\$274.82	\$283.06	\$291.55
Program Manager	\$251.17	\$258.71	\$266.47	\$274.46	\$282.69
Senior Engineer	\$143.25	\$147.55	\$151.97	\$156.53	\$161.23
Engineer	\$105.97	\$109.15	\$112.42	\$115.80	\$119.27
Senior Technician	\$98.11	\$101.05	\$104.08	\$107.21	\$110.42
Technician	\$78.49	\$80.84	\$83.27	\$85.77	\$88.34
Senior Administrative Support	\$94.19	\$97.02	\$99.93	\$102.92	\$106.01
Administrative Support	\$74.56	\$76.80	\$79.10	\$81.47	\$83.92
Clerical Support	\$62.80	\$64.68	\$66.62	\$68.62	\$70.68
Modeling and Simulation	\$105.97	\$109.15	\$112.42	\$115.80	\$119.27
Government Site - Under 6 month billet					
Government Site - Under 6 month billet	1/12 - 1/13	1/13 - 1/14	1/14 - 1/15	1/15 - 1/16	1/16 - 1/17
Senior Engineer	\$143.25	\$147.55	\$151.97	\$156.53	\$161.23
Engineer	\$105.97	\$109.15	\$112.42	\$115.80	\$119.27
Senior Technician	\$98.11	\$101.05	\$104.08	\$107.21	\$110.42
Technician	\$78.49	\$80.84	\$83.27	\$85.77	\$88.34

Government Site - Over 6 month billet	1/12 - 1/13	1/13 - 1/14	1/14 - 1/15	1/16 - 1/16	1/16 - 1/17
Senior Engineer	\$108.52	\$111.78	\$115.13	\$118.58	\$122.14
Engineer	\$72.35	\$74.52	\$76.76	\$79.06	\$81.43
Senior Technician	\$53.20	\$54.80	\$56.44	\$58.13	\$59.88
Technician	\$42.56	\$43.84	\$45.15	\$46.51	\$47.90

Corporate Website: www.natc-ht.com

For more information, please contact Paul Wonder, Contract Administrator:

- Via Email: pwonder@natc-ht.com
- Via Phone: (775) 629-2000
- Via Fax: (775) 629-2036

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