

Solicitation No. 7FCB-C4-07-0066-B Refresh #16

FEDERAL SUPPLY SCHEDULE FOR SCHEDULE 66

Scientific Equipment and Services

873 1 --- Mechanical Testing and Analysis

873 2 --- Chemical Testing and Analysis Services

873 3 --- Electric Testing and Analysis Services

873 4 --- Geotechnical and Thermal/Fire Testing and Analysis

627 1007 --- Introduction of New Services / Products (INSP)

AUTHORIZED FEDERAL SUPPLY SCHEDULE (FSS) PRICE LIST

Federal Supply Group: 66, Class 873

Contract Number: GS-07F-0158V

Products and ordering information in this Authorized FSS are also available on the GSA Advantage! System. Agencies can browse GSA Advantage! by accessing GSA's Home Page via Internet at <http://www.gsa.gov/>.

Period Covered by Contract: Feb. 12, 2009 through Feb. 11, 2019

Modification Date: May 25, 2016



Intertek Testing Services NA, Inc.

3933 US Route 11

Cortland, NY 13045

Voice: (770) 280-7431

Fax: (770) 234-4224

Internet: www.intertek.com

Business Size: Large

CCR: 3X8G6

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CUSTOM ORDERING INFORMATION

SPECIAL ITEM NUMBERS (SIN) AWARDED UNDER THIS SCHEDULE

- **873 1 --- Mechanical Testing and Analysis**
- **873 2 --- Chemical Testing and Analysis Services**
- **873 3 --- Electric Testing and Analysis Services**
- **873 4 --- Geotechnical and Thermal/Fire Testing and Analysis**
- **873 99 --- Introduction of New Testing and Analysis Services**

PRIMARY DISCIPLINES AWARDED ON THIS SCHEDULE

Laboratory Testing and Analysis Services

CONTRACTOR'S ORDERING ADDRESS:

Intertek Testing Services NA, Inc.

3933 US Route 11

Cortland, NY 13045

Phone: 770-280-7431

Fax: 770-234-4224

CONTRACTORS REMITTANCE ADDRESS:

Intertek Testing Services NA, Inc.

PO Box #40516

Atlanta, GA 30384-5176

For information concerning Intertek's technical capabilities, pricing, general inquiries, contracting information, etc., please contact:

Shene' Commodore, CPCM

Phone: 770-280-7431

Fax: 770-234-4224

Email: shene.commodore@intertek.com

DUNS: 037690302

Tax ID Number: 130668365

CCR: 3X8G6

1. GEOGRAPHIC SCOPE OF CONTRACT:

The Geographic Scope of Contract will be domestic delivery only.

Domestic delivery is delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories. Domestic delivery also includes a port or consolidation point, within the aforementioned areas, for orders received from overseas activities.

2. Maximum Order: \$300,000.00

3. Minimum Order: \$75.00

4. Point(s) of Production: United State of America (US)

5. Discount Prices: Prices shown are net prices, discounts have already been deducted.

6. Quantity Discounts: 5% on all individual Task Orders of \$200,000 or more

7. Prompt Payment Terms: Net 30 days

8. Government Purchase Card is Accepted: Please contact receivables@intertek.com.

Government purchase cards are accepted up to the micro-purchase threshold.

9. Foreign Items: None

10. Time Delivery: As negotiated

11 .Expedite Delivery: As negotiated

12. Urgent Requirement: Please contact the contractor via telephone and/or email.

When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering agency, agencies are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telegraphic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering agency, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordant with all other terms and conditions of the Contract.

13. FOB Point: Destination

14. Warranty Provision: Standard Commercial Warranty

15. Term and Conditions of government purchase card acceptance (any threshold above the micro-purchase level): N/A

16. Term and Conditions of Installation: N/A

17. Term and Conditions of Repair parts indicating date of parts price lists and any discounts from list prices: N/A

18. List of Participating Dealers: N/A

19. Preventative Maintenance: N/A

SERVICE DESCRIPTIONS

873 1 --- Mechanical Testing and Analysis

Intertek mechanical testing and analysis services include:

- Material strength testing (compression, ductility, fracture, fatigue, shear, torsion, metallographic);
- Acoustic/vibration testing(noise, shock resistance);
- Environmental simulation/climatic testing; forensic;

873 2 --- Chemical Testing and Analysis Services

Intertek chemical testing and analysis services include:

- Wet chemistry and associated physical tests;
- Viscosity/density testing;
- Electrochemistry testing;
- Chromatography (GC, LC, SFC, SFE, HPLC, GC/MS, LM/MS, GPC, GFC, IC, column, thin layer, paper);
- Spectroscopy (AA, FT-IR, UV/VIS, XRD, NMR, ICP, MS, fluorescence, Raman);
- Thermal analysis (DSC, DTA, TGA, TMA);
- Optic/photometry testing (appearance, color, reflectance, gloss, transmittance, luminance);
- Biological Testing (biochemical, toxicological, pharmacological, bacteriological);

873 3 --- Electric Testing and Analysis Services

Intertek electrical testing and analysis services include:

- Qualification, inspection, safety, performance, certification, and compliance testing of manufactured goods to nationally and internationally recognized reliability standards and regulatory requirements and directives (UL, CSA, FCC, ANSL, MIL-STD, etc.);
- Marketing services, circuit testing of semiconductors and microprocessors;
- EMI/EMC testing;
- Dielectric strength and dielectric constant;
- Dissipation factor, electrical insulating materials testing;
- Electrostatic discharge testing;
- Resistances testing;
- Hi-pot testing, electrical power system components testing (transformers, dielectric oil, relays, circuit breakers, switchboards, power plants, substitutions, etc.)

873 4 --- Geotechnical and Thermal/Fire Testing and Analysis

Intertek geophysical and thermal/fire testing and analysis services include:

- Construction material testing (concrete, roof, asphalt, etc.);
- Thermal/heat testing (temperature, fire, flammability, smoke/toxicity, conductivity);

627 1007 --- Introduction of New Testing and Analysis Services

Intertek laboratory testing and analysis services include:

- Specialized or customized tests,
- Telecom/datacom line and equipment testing and analysis;

GSA Price List

Test Description
SIN 873 1- Mechanical Testing and Analysis
GR-G3 IS3 S 4.6 Acoustic Noise
GR-G3 IS3 S 4.6 Acoustic Noise
RTCA DO-16DE Environ Conditions and Test Procedures for Airborne Equip.
RTCA DO-16DE Environ Conditions and Test Procedures for Airborne Equip.
MIL-DTL-83528C: Gasketing Material, Conductive Shielding Gasket, Electronics

Test Description
SIN 873 2- Chemical Testing and Analysis Services
Micro Test - Efficacy Test
Microbial Reductive Test LOP 7.9.3 Ver. 2
700-95 Refrigerant Analysis Rush
700-95 Refrigerant Analysis Expedited
700-95 Refrigerant Analysis - Standard
NFPA 1971 Standard on Protective Ensemble for Chemical/Bio Terrorism Incidents -- Man-in-Stimulant test Ensemble, 4 tests
NFPA 1971 Standard on Protective Ensemble for Chemical/Bio Terrorism Incidents -- Liquid Toxic Gaseous Ind.
NFPA 1994 Standard on Protective Ensemble for Chemical/Bio Terrorism Incidents -- Liquid Toxic Gaseous Induction
NFPA 1971 Standard on Protective Ensemble for Chemical/Bio Viral Penetration Resistance Garment Seam
NFPA 1994 Standard on Protective Ensemble for Chemical/Bio Viral Penetration Resistance Hat Visor
NFPA 1994 Standard on Protective Ensemble for Chemical/Bio Viral Penetration Resistance Visor Seam

Test Description
SIN 873 3- Electric Testing and Analysis Services
CENELEC EN 60335-1 Household & similar electrical appliances Safety part 1 including A11;2005, A1.2004A2-2006, A12:2006IEC 60335-1.2002+1:2004 (ICI 10)
CENELEC EN 60335-2-34 Household & similar electrical appliances Safety part 2-35 Req. for water heater IEC 60336-2-35:2002 (ICI 6)
CENELEC EN 61325-1 ELEC Equip. for measurement control and lab use EMC req. pary 1 Gen. Req. IEC61325-1:2005, 1997 (ICI 8)
CENELEC EN 61325-1 ELEC Equip. for measurement control and lab use EMC req. pary 1 Gen. Req. IEC61325-1:2005, 1997 (ICI 2)
CENELEC EN 60335-1 Household & similar electrical appliances
UL 1776 Standard for Safety High-Pressure Cleaning Machines
UL 984 UL Standard for Safety Hermetic Refrigerator Motor-compressor
UL 1637 Standard for Safety Home Healthcare Signaling Equipment
UL 197 Standard for Safety Commercial Cooking Appliance
CSA C22 2#109 Comm. Cooking Appliance General Instruction No 1-3 (R1994)
CSA E60335-2-68 Spray Extraction Appliance for industrial use
CAN/CSA C22.2#68 Motor Operated Appliances
IEC 61010-1 Safety Req. for Elect equip for measurement, control and lab use
ANSI/UL 561 Ed. 5 UL Standard for Safety Floor-Finishing Machine
ANSI/UL 1023 UL Standard for Safety - Household Burglar Alarm Systems (ICI 8)
ANSI/UL 1023 UL Standard for Safety - Household Burglar Alarm Systems (ICI 6)
CAN/ULCS545 Standard for Household Burglar Alarm Systems (ICI 2)
CAN/ULCS545 Standard for Household Burglar Alarm Systems To include: UL985, UL1637, ULC Subject C 1023, CAN/ULC S545 (ICI 7)

Test Description
Sin 873 3- Electric Testing and Analysis Services (continued)
ULC Subject C 1023 Preliminary Standard for Household Burglar Alarm To include: UL985, UL1637, ULC Subject C 1023 (ICI 10)
ANSI/UL 1023 UL Standard for Safety - Household Burglar Alarm Systems (ICI 7)
ANSI/UL 1023 UL Standard for Safety - Household Burglar Alarm Systems & UL 985
ANSI/UL 1023 UL Standard for Safety - Household Burglar Alarm Systems To include: UL 609, UL S303, UL 1535, UL S304, CAN/ULC S545, ULC Subject C 1023, UL S303 (ICI 10)
UL 1023 UL Standard for Safety - Household Burglar Alarm Systems Unit
ANSI/SIA CP-01 Control Panel Standard - Features for False Alarm Reduction
UL 1023 UL Standard for Safety - Household Burglar Alarm Systems Unit (ICI 6)
UL 1023 UL Standard for Safety - Household Burglar Alarm Systems Unit Also include UL 1610, UL 809, (ICI 9)
ANSI/SIA CP-01 Control Panel Standard - Features for False Alarm Reduction
ANSI/UL 1023 UL Standard for Safety - Household Burglar Alarm Systems
ANSI/UL 864 Standard for Safety Control Units for Fire Protective Signaling Sys.
ULC S559 Equip for Fire Signal Receiving Centers & Systems
UL 1023 UL Standard for Safety - Household Burglar Alarm Systems Unit (IC 10)
UL 1023 UL Standard for Safety - Household Burglar Alarm Systems Unit (ICI 10)
UL 1635 Standard for Safety Digital Alarm Communications System
UL 1023 UL Standard for Safety - Household Burglar Alarm Systems, including UL 985 and UL 1610 testing
ANSI/UL 864 Standard for Safety Control Units for Fire Protective Signaling Sys., ULC S559
ULC S559 Equip for Fire Signal Receiving Centers & Systems, ULC S545, ANSI/UL 864

Test Description
SIN 873 4- Geotechnical and Thermal/Fire Testing and Analysis
ASTM E119 Test & Hose Stream
Intertek BP/Evaluation 1 LVDT's
SwRI 99-02
BP Info
BP Report
Insulate Sheet with PGS 760 Applied to one side -ASTM E84
NFPA 1971 Standard on Protective Ensemble for Structural Fire Fighting

Project Manager / Senior Engineer

The Project Manager oversees project performance and reporting, Is responsible for the laboratory quality program and has experience implementing and documenting quality assurance.

Engineer

This position is responsible for independently performing testing and evaluation on a variety of products to the provisions of U.S., Canadian and other International product safety standards; writing reports; and communicating with clients.

Supervisory Technician

The Supervisory Technician is in charge of the day to day activities, data collection, and testing. Will supervise the testing technicians and be responsible for meeting the SOW and QC/QA requirements of the project and report those results to the Project Manager. Will also perform the duties of sample management and storage. Inventory all samples and provide samples to the laboratory for analysis. Reports to the Project Manager.

Technician / Testing Technicians

The testing technician is solely responsible for conducting tests and preparing the required reports.

Test Description
SIN 627 1007 --- Introduction of New Services / Products (INSP)
Emissions Testing
GR-1089 IS4 S 3 Section 3 Electromagnetic Interference
GR1089 IS4 S 2 Section 2 Systems Level ESD & EFT
GR-1069 IS4 S 10 Section 10 Criteria for DC power Port of telecom load Equip
UL 60950-1 Standard for Safety Information Technology Equip.
FCC 47CFR 15B c/B -- Unintentional Radiator Class B Verification
FCC 47CFR 15B c/B -- Unintentional Radiator Class B Verification
IC CS-03 Spec for Terminal Equip., Terminal systems, network protection devices.
IC CS-03 Spec for Terminal Equip., Terminal systems, network protective devices.
FCC 47CFR PT68 Connection of terminal Equip. to telephone network
Intertek TCB A/Prep Telecomm Certification Body
Intertek TCB A/Prep Telecomm Certification Body - Application Prep.

SIN 627 1007 --- Introduction of New Services / Products (INSP)Field Labeling Services

Basic Field Inspection:

8 hour Daily Fee for Electrical Field Testing.....\$ 1,800
8 hour Daily Survey Fee For Fire Door Testing.....\$ 1,500

- This daily shift rate includes all of the material and labor necessary to complete these evaluations, including inspections, and reporting.
- Up to 8 hour shift.

Other direct costs:

Label Per component\$ 50.00

- (Component for a Door or a Frame – per label).
- The label charge is only for eligible compliant doors and reporting/tracking.
- No label fee for electrical testing

Special Notes:

- **The Agency must have a point of contact assigned to work with Intertek and who must accompany the Intertek inspector throughout the site to each and every opening.**
- **Assemblies that cannot be determined to comply with the applicable codes and standards while on site are eligible for testing at an Intertek laboratory.**
- **Travel is NOT included.**
- **Any re-inspection required will be quoted in the same manner.**
- **Additional fees could apply for unique equipment.**

Job Title: Field Label Evaluator , \$225 per hour

Commercial & Electrical provides safety testing and certification services to a variety of industries including wireless technology, security, home appliances, industrial, medical, telecommunications, automotive, building products and electronics.

ESSENTIAL DUTIES and RESPONSIBILITIES

This position is responsible for performing field evaluations on energized electrical products at jobs sites to ensure compliance with applicable standards, issuing reports, and communicating with clients.

Responsibilities

Performing tests and measurements on products as required by applicable standards
Making judgments regarding product compliance in terms of applicable standards
Recording ambient conditions at job sites
Applying labels to products that meet requirements
Documenting corrective actions to products, including photographing non-compliances
Issuing reports summarizing the results of the inspections to clients and AHJ's
Communicating with clients and AHJ's
Performing other work as required

QUALIFICATIONS

Associates degree in electrical field, or the equivalent in terms of training or experience
10+ years related experience, preferably as an Journeyman Electrician, Electrical Contractor or Electrical Inspector
Knowledge of National Electric Code (NEC)
Knowledge of basic electrical safety procedures
Ability to read and interpret standards
Ability to work independently to define problems, collect data, establish facts and draw valid conclusions

SIN 627 1007 --- Introduction of New Services / Products (INSP)

Job Title: Field Label Inspector, \$187 per hour

Responsibilities

Performing field inspections at existing job sites to ensure compliance with installation standards, per NFPA 80 and individual component specifications based on testing and evaluations conducted by Intertek.

Perform inspections on door assemblies and wall conditions to ensure compliance with installation standards

Record the details of assemblies and wall conditions

Provide labels for door and frame components that meet requirements

Document corrective actions to assemblies

Obtain Certificate of Acceptance when inspection is completed

Issue report summarizing the results of the inspection

Perform other work as required

Qualifications

Associate's degree in technical field, or equivalent

1-4 years related experience

Knowledge of building codes

Knowledge of door and frame installation

Knowledge of NFPA 80 and its application

INTERTEK CARNOT EMISSION SERVICES
SORE COST SCHEDULE
40 CFR 90/1054

Task	Task #	Description	GSA Price	Unit	GSA Category SIN
Installation 1.1	1.1.1	Install SORE Class I, Class I-A, or Class I-B in A/C dyno cell, calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 906.80	Per Install	873-99
	1.1.2	Install SORE Class II in A/C dyno cell, calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 957.18	Per Install	873-99
	1.1.3	Install SORE Class III, Class IV, or Class V in A/C dyno cell, calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 957.18	Per Install	873-99
Pwr/Trq Curve 1.2	1.2.1	Conduct Power/Torque curve on SORE engine.	\$ 377.83	Per Test	873-99
Testing 1.3	1.3.1	Conduct ISO 8178 G1/G2 or A/B cycle 6 mode steady state emission test with HC, NOx, CO2 and CO on SORE Class I, Class I-A, or Class I-B.	\$ 2,317.38	Per Test	873-99
	1.3.2	Conduct ISO 8178 G1/G2 or A/B cycle 6 mode steady state emission test with HC, NOx, CO2 and CO on SORE Class II.	\$ 2,418.14	Per Test	873-99
	1.3.3	Add PM sampling to 6 mode test. (Single filter Per mode)	\$ 604.53	Per Test	873-99
	1.3.4	Conduct ISO 8178 G3 or C cycle 2 mode (in duplicate) steady state emission test with HC, NOx, CO2 and CO on SORE Class III, Class IV, or Class V.	\$ 1,813.60	Per Test	873-99
	1.3.5	Add PM sampling to 2 mode test. (Single filter Per mode)	\$ 302.27	Per Test	873-99
	1.3.6	Add CH4 and N2O sampling to ISO 8178 G1/G2/G3 test.	\$ 503.78	Per Test	873-99
Aging 1.4	1.4.1	Conduct dynamometer aging on SORE Class I, Class I-A, or Class I-B. Includes inspection, manufacturer recommended maintenance, and fuel.	\$ 53.75	Per Hour	873-99
	1.4.2	Conduct dynamometer aging on SORE Class II. Includes inspection, manufacturer recommended maintenance, and fuel.	\$ 55.71	Per Hour	873-99
	1.4.3	Conduct dynamometer aging on SORE Class III, Class IV, or Class V. Includes inspection, manufacturer recommended maintenance, and fuel.	\$ 51.80	Per Hour	873-99
PM 1.5	1.5.1	Reporting and Project Management (% of above costs).	7.25%	Total	873-99

All Testing is full flow dilute, CVS-PDP.

INTERTEK CARNOT EMISSION SERVICES
LSI COST SCHEDULE
40 CFR 1048

Task	Task #	Description	GSA Price	Unit	GSA Category
Installation 2.1	2.1.1	Install LSI (< 1L) in A/C dyno cell, calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 3,879.09	Per Install	873-99
	2.1.2	Install LSI (1L-5L) in A/C dyno cell, calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 6,297.23	Per Install	873-99
	2.1.3	Install LSI (5L - 10L) in A/C dyno cell, calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 9,219.14	Per Install	873-99
	2.1.4	Install LSI (>10L) in A/C dyno cell, calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 11,586.90	Per Install	873-99
Pwr/Trq Curve 2.2	2.2.1	Conduct Power/Torque curve and Throttle Response Mapping.	\$ 453.40	Per Test	873-99
Testing 2.3	2.3.1	Conduct ISO 8178 C2 7-mode steady state emission test with HC, NOx, CO2, and CO.	\$ 2,619.65	Per Test	873-99
	2.3.2	Conduct ISO 8178 D2 or G2 cycle 5 or 6-mode steady state emission test with HC, NOx, CO2, and CO	\$ 2,418.14	Per Test	873-99
	2.3.3	Conduct ISO 8178 D1 3-mode steady state emission test with HC, NOx, CO2, and CO	\$ 2,115.87	Per Test	873-99
	2.3.4	LSI Composite Speed Transient Cycle	\$ 1,964.74	Per Test	873-99
	2.3.5	LSI Constant Speed Transient Cycle	\$ 1,964.74	Per Test	873-99
	2.3.6	LSI Ramped Modal Alternate Cycle (i.e. Field Testing for Const Spd)	\$ 1,662.47	Per Test	873-99
	2.3.7	Add PM sampling to 5, 6 or 7 mode test. (Single filter Per mode)	\$ 604.53	Per Test	873-99
	2.3.8	Add CH4 and N2O sampling to ISO 8178 C2/D1/D2 test.	\$ 503.78	Per Test	873-99
Service Accumulation 2.4	2.4.1	Conduct dynamometer aging (<5L). Includes daily inspection, monitoring, interval checks	\$ 59.95	Per Hour	873-99
	2.4.2	Conduct dynamometer aging (5L - 10L). Includes daily inspection, monitoring, interval checks	\$ 61.46	Per Hour	873-99
	2.4.3	Conduct dynamometer aging (>10L). Includes daily inspection, monitoring, interval checks	\$ 64.48	Per Hour	873-99
	2.4.4	Fuel charge (Per hour and Load Factor and Fuel Type)	Cost + 5.75%	--	873-99
	2.4.5	Standard engine maintenance	\$80.60 / 100hr	Per Interval	873-99

PM 2.5	2.5.1	Reporting and Project Management (% of above costs).	7.75%	Total	873-99
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All Testing is full flow dilute, CVS-PDP.

**INTERTEK CARNOT EMISSION SERVICES
NR CI (40 CFR Parts 89 & 1039) COST SCHEDULE**

Task	Task #	Description	GSA Price	Unit	GSA Category
Installation 3.1	3.1.1	Install NRCI (< 0.4L) in A/C dyno cell, calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 2,418.14	Per Install	873-99
	3.1.2	Install NRCI (.4L- 1L) in A/C dyno cell, calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 3,979.85	Per Install	873-99
	3.1.3	Install NRCI (1L-5L) in A/C dyno cell, calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 6,297.23	Per Install	873-99
	3.1.4	Install NRCI (5L - 10L) in A/C dyno cell, calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 9,319.90	Per Install	873-99
	3.1.5	Install NRCI (>10L) in A/C dyno cell (upto 500 hp @ 1500-5200 rpm w/ 1800 ft-lb max torque), calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 11,586.90	Per Install	873-99
	3.1.6	Additional installation charge for varying elevation or temperature NTE testing	\$ 3,526.45	Per Install	873-99
Pwr/Trq Curve 3.2	3.2.1	Conduct Power/Torque curve and Throttle Response Mapping.	\$ 453.40	Per Test	873-99
Testing 3.3	3.3.1	Conduct ISO 8178 C1 8-mode steady state emission test or NTE testing for up to 8 NTE mode points with HC, NOx, CO2, and CO.	\$ 2,670.03	Per Test	873-99
	3.3.2	Conduct ISO 8178 D2 (5 mode) or G2 (6 mode) cycle steady state or TRU (4 mode per 1039.645) emission test with HC, NOx, CO2, and CO	\$ 2,418.14	Per Test	873-99
	3.3.3	Conduct ISO 8178 D1 3-mode steady state emission test with HC, NOx, CO2, and CO	\$ 2,115.87	Per Test	873-99
	3.3.4	NRCI Composite Speed Transient Cycle (Hot or Cold)	\$ 1,914.36	Per Test	873-99
	3.3.5	NRCI Ramped Modal Alternate Cycle (i.e. Field Testing for Const Spd)	\$ 1,964.74	Per Test	873-99
	3.3.6	Add PM sampling to 4, 5, 6, or 8 mode test. (Single filter per mode)	\$ 604.53	Per Test	873-99
	3.3.7	Add Aldehydes, Ammonia, etc.	Call for Quote	Per Test	873-99

	3.3.8	Add CH4 & N2O sampling to ISO 8178 C2/D1/D2 or TRU test.	\$ 503.78	Per Test	873-99
Service Accumulation 3.4	3.4.1	Conduct dynamometer aging (<0.4L). Includes daily inspection, monitoring, interval checks	\$ 55.42	Per Hour	873-99
	3.4.2	Conduct dynamometer aging (0.4-1L). Includes daily inspection, monitoring, interval checks	\$ 57.93	Per Hour	873-99
	3.4.3	Conduct dynamometer aging (1L-5L). Includes daily inspection, monitoring, interval checks	\$ 59.45	Per Hour	873-99
	3.4.4	Conduct dynamometer aging (5L - 10L). Includes daily inspection, monitoring, interval checks	\$ 61.46	Per Hour	873-99
	3.4.5	Conduct dynamometer aging (>10L). Includes daily inspection, monitoring, interval checks	\$ 65.49	Per Hour	873-99
	3.4.6	Fuel charge (Per hour and Load Factor and Fuel Type)	Cost + 5.75%	--	873-99
	3.4.7	Standard engine maintenance	\$80.60 / 100hr	Per Interval	873-99
PM 3.5	3.5.1	Reporting and Project Management (% of above costs).	7.75%	Total	873-99

All Testing is full flow dilute, CVS-PDP.

**INTERTEK CARNOT EMISSION SERVICES
OHMC, ATV, ORUV (40 CFR Parts 86EF & 1051) COST SCHEDULE**

Task	Task #	Description	GSA Price	Unit	GSA Category
Installation 4.1	4.1.1	Install <250cc ATV or OFMC on chassis dynamometer, calibrate, verify Performance, and ultimately remove from test stand.	\$ 2,911.84	Per Install	873-99
	4.1.2	Install >250cc ATV or OFMC on chassis dynamometer, calibrate, verify Performance, and ultimately remove from test stand.	\$ 3,214.11	Per Install	873-99
Testing 4.2	4.2.1	Conduct 40 CFR 1051 compliant emission certification test on ATV or OHMC.	\$ 2,367.76	Per Test	873-99
	4.2.2	Add PM sampling to 1051 test. (Single filter Per mode)	\$ 302.27	Per Test	873-99
	4.2.3	Add CH4 and N2O sampling to 1051 test.	\$ 503.78	Per Test	873-99
Aging 4.3	4.3.1	Conduct track aging on <250cc ATV or OFMC. Includes inspection, manufacturer recommended maintenance, and fuel (based on current fuel costs).	\$ 1.46	Per km	873-99
	4.3.2	Conduct track aging on >250cc ATV or OFMC. Includes inspection, manufacturer recommended maintenance, and fuel (based on current fuel costs).	\$ 1.76	Per km	873-99
PM4.4	4.4.1	Reporting and Project Management (% of above costs).	7.25%	Total	873-99

Installations include engine out or catalyst out wide-range lambda sensor

All Testing is full flow dilute, CVS-PDP.

INTERTEK CARNOT EMISSION SERVICES
PWC & OB COST SCHEDULE
40 CFR Parts 91 & 1045

Task	Task #	Description	GSA Price	Unit	GSA Category
Install 5.1	5.1.1	Install PWC/OB in A/C dyno cell (220 chp 1500-7000 rpm), calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 7,304.79	Per Install	873-99
	5.1.2	Install OB (<20hp) in A/C dyno cell (220 chp 1500-7000 rpm), calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 3,576.83	Per Install	873-99
	5.1.3	Install OB (>20hp) in A/C dyno cell (220 chp 1500-7000 rpm), calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 7,304.79	Per Install	873-99
Pwr/Trq Curve 5.2	5.2.1	Conduct Power/Torque curve on PWC engine.	\$ 453.40	Per Test	873-99
Testing 5.3	5.3.1	Conduct ISO 8178 E4 5-mode steady state emission test or testing of up to 5 NTE points with HC, NOx, CO2, and CO	\$ 2,770.78	Per Test	873-99
	5.3.2	Add PM sampling to 5 mode test. (Single filter Per mode)	\$ 503.78	Per Test	873-99
	5.3.3	Add CH4 and N2O sampling to ISO 8178 E4 test.	\$ 503.78	Per Test	873-99
Aging 5.4	5.4.1	Conduct dynamometer aging. Includes daily inspection, monitoring, interval checks	\$ 59.45	Per Hour	873-99
	5.4.2	Fuel charge (Per hour and Load Factor and Fuel Type)	Cost + 5.75%	--	873-99
	5.4.3	Standard engine maintenance	\$80.60 / 100hr	Per Interval	873-99
PM 5.5	5.5.1	Reporting and Project Management (% of above costs).	7.25%	Total	873-99

All Testing is full flow dilute, CVS-PDP.

**INTERTEK CARNOT EMISSION SERVICES
CI MARINE (40 CFR Parts 94 & 1042) COST SCHEDULE**

Task	Task #	Description	GSA Price	Unit	GSA Category
Install 6.1	6.1.1	Install CI Marine in A/C dyno cell (<100 chp 1500-5200 rpm), calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 3,979.85	Per Install	873-99
	6.1.2	Install CI Marine in A/C dyno cell (100-500 chp 1500-5200 rpm), calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 6,297.23	Per Install	873-99
	6.1.3	Install CI Marine in A/C dyno cell (500-1200 chp 1500-5200 rpm), calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 11,536.52	Per Install	873-99
	6.1.4	Install CI Marine in A/C dyno cell (<1200 chp), calibrate test cell, verify Performance, and ultimately remove from test cell.	Call for Quote	--	873-99
Pwr/Trq Curve 6.2	6.2.1	Conduct Power/Torque curve on Marine CI engine.	\$ 453.40	Per Test	873-99
Testing 6.3	6.3.1	Conduct ISO 8178 E4 5-mode steady state emission test or up to 8 NTE test points with HC, NO _x , CO ₂ , and CO	\$ 2,670.03	Per Test	873-99
	6.3.2	Add PM sampling to 5 mode test. (Single filter Per mode)	\$ 503.78	Per Test	873-99
	6.3.3	Add CH ₄ and N ₂ O sampling to ISO 8178 E4 test.	\$ 503.78	Per Test	873-99
Aging 6.4	6.4.1	Conduct dynamometer aging (<100hp). Includes daily inspection, monitoring, interval checks	\$ 59.45	Per Test	873-99
	6.4.2	Conduct dynamometer aging (100hp-500hp). Includes daily inspection, monitoring, interval checks	\$ 61.46	Per Test	873-99
	6.4.3	Conduct dynamometer aging. Includes daily inspection, monitoring, interval checks	\$ 67.51	Per Hour	873-99
	6.4.4	Fuel charge (Per hour and Load Factor and Fuel Type)	Cost + 5.75%	--	873-99
	6.4.5	Standard engine maintenance (does not include oil/filters)	\$80.60 / 100hr	Per Interval	873-99
PM 6.5	6.5.1	Reporting and Project Management (% of above costs).	7.25%	Total	873-99

All Testing is full flow dilute, CVS-PDP.

INTERTEK CARNOT EMISSION SERVICES
OnHwy HD (40 CFR Parts 86N) COST SCHEDULE

Task	Task #	Description	GSA Price	Unit	GSA Category
Installation 7.1	7.1.1	Install On-Hwy HD (< 5L) in A/C dyno cell, calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 6,297.23	Per Install	873-99
	7.1.2	Install On-Hwy HD (5L - 10L) in A/C dyno cell, calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 9,219.14	Per Install	873-99
	7.1.3	Install On-Hwy HD (>10L) in A/C dyno cell (upto 500 hp @ 1500-5200 rpm w/ 1800 ft-lb max torque), calibrate test cell, verify Performance, and ultimately remove from test cell.	\$ 11,586.90	Per Install	873-99
Pwr/Trq Curve 7.2	7.2.1	Conduct Power/Torque curve and Throttle Response Mapping.	\$ 453.40	Per Test	873-99
Testing 7.3	7.3.1	Conduct US FTP Cold emission test with HC, NOx, CO2, and CO.	\$ 2,468.51	Per Test	873-99
	7.3.2	Conduct US FTP Hot emission test with HC, NOx, CO2, and CO.	\$ 2,468.51	Per Test	873-99
	7.3.3	Add PM sampling to 1 mode test. (Single filter Per mode)	\$ 302.27	Per Test	873-99
	7.3.4	Add Aldehydes, Ammonia, etc.	Call for Quote	Per Test	873-99
	7.3.5	Add CH4 and N2O sampling to FTP test.	\$ 503.78	Per Test	873-99
	7.3.7	Conduct ramped modal cycled per 40 CFR 86.1362 or conduct up to 8 discrete mode NTE points measuring HC, NOx, CO2, and CO.	\$ 4,231.74	Per Test	873-99
Service Accumulation 7.4	7.4.1	Conduct dynamometer aging (<5L). Includes daily inspection, monitoring, interval checks	\$ 58.44	Per Hour	873-99
	7.4.2	Conduct dynamometer aging (5L - 10L). Includes daily inspection, monitoring, interval checks	\$ 61.46	Per Hour	873-99
	7.4.3	Conduct dynamometer aging (>10L). Includes daily inspection, monitoring, interval checks	\$ 65.49	Per Hour	873-99
	7.4.4	Fuel charge (Per hour and Load Factor and Fuel Type)	Cost + 5.75%	--	873-99
	7.4.5	Standard engine maintenance	\$80.60 / 100hr	Per Interval	873-99
PM 7.5	7.5.1	Reporting and Project Management (% of above costs).	7.75%	Total	873-99

All Testing is full flow dilute, CVS-PDP.

INTERTEK CARNOT EMISSION SERVICES

OnHwy HD (40 CFR Parts 86N) COST SCHEDULE

Task	Task #	Description	GSA Price	Unit	GSA Category
Fuel Hose 8.1	8.1.1	Fuel Line Soak per SAE J1737. Priced per test run for up to five hoses.	\$ 677.08	Per Test Run	873-99
	8.1.2	Fuel Line Permeation per SAE J1737. Priced per test run for up to five hoses.	\$ 3,385.39	Per Test Run	873-99
Fuel Tanks 8.2	8.2.1	Pressure/Vacuum test (empty tanks, -0.5psig to 2psig per cycle for 60 sec cycles, 10,000 cycles total). Priced per test run for up to three tanks per run.	\$ 1,712.85	Per Test Run	873-99
	8.2.2	UV Exposure (0.40 W-h/m2/min 15 hours/day for 4 weeks or 450 hours of direct sunlight). Priced per test run for up to three tanks per run.	\$ 428.21	Per Test Run	873-99
	8.2.3	Slosh Test (1 million cycles +15° to -15° @ 28C ± 2C). Priced per test run for up to three tanks per run.	\$ 5,843.83	Per Test Run	873-99
	8.2.4	Preconditioning and Permeation Test (20 week soak @ 28C ± 5C with CE10 test fuel, 14 day test interval). Priced per test run for up to three tanks per run.	\$ 2,619.65	Per Test Run	873-99
PM 8.3	8.3.1	Reporting and Project Management (% of above costs).	7.25%	Total	873-99

INTERTEK CARNOT EMISSION SERVICES

OnHwy HD (40 CFR Parts 86N) COST SCHEDULE

Task	Task #	Description	GSA Price	Unit	GSA Category
Fuel Hose 8.1	9.1.1	Senior Engineering Labor Hours*	\$ 161.21	Per Hour	873-99
	9.1.2	Junior Engineering Labor Hours*	\$ 130.98	Per Hour	873-99
	9.1.3	Technical Labor Hours*	\$ 75.57	Per Hour	873-99
	9.1.4	Administrative/Secretarial Labor Hours*	\$ 75.57	Per Hour	873-99

***Responsibilities & Qualifications**

9.1.1 Senior Engineering Labor Hours

Responsibilities:

Functions as a primary technical resource and producing testing. Interfaces with clients routinely to ensure high customer satisfaction is maintained and their needs are understood so that daily priorities, longer term plans, investment strategies and process improvements are formulated and executed effectively. Assists Management, peer technical staff and technicians in resolving operational problems. Interacts with technical and technician staff daily to assess priorities and progress on priority technical issues and programs to ensure smooth flow of testing. Adheres to safety and environmental regulations. Helps drive safety and environmental awareness throughout the site.

Qualifications:

Minimum Five (5) years prior experience in engine emissions testing is required.
Requires a BS Degree in Engineering.

9.1.2 Junior Engineering Labor Hours

Responsibilities:

Conducts and monitors tests to identify and reduce sources of variability in procedures using sound quality management practices. Maintains up-to date records on reference and candidate tests, and is responsible for test validity. Acts as liaison between customer sets, test developers and engineering support to maintain test integrity and repeatability. Interfaces frequently with lab engineer/manager to report status of projects. Responsible for timely and accurate completion of reports.
Effectively troubleshoots test as necessary.

Qualifications:

B.S. degree in Engineering or other technical field required.
A minimum of 0-2 years experience in related technical field.
Knowledge of engine operation required. Basic understanding of engine emission equipment, procedures, instrumentation is preferred.

9.1.3 Technical Labor Hours

Responsibilities:

Operates engine testing apparatus and maintains test parameters in accordance with written test procedures. Manually records data. Carries out any routine or special operating instructions. Interacts with computers for correction of alarms conditions and manual data entry. Performs lab cleaning duties to ensure orderliness and safety of work area; practices on-the-job safety by adhering to approved work and equipment-use procedures. Identifies and corrects engine and instrumentation malfunctions through application of sound troubleshooting techniques. Assists in installation of test engines in test stands; includes all mechanical and instrumentation connections.

Assists with engine coolant and oil system flushes as required by procedure.
Assists with removing engines and/or test parts at end of test or at intermediate inspection points.
On a non-routine basis performs test stand modifications and/or assists with complete test stand preparation. Assist with engine start-up and break-in using the automated control system when required.

Qualifications:

High school or equivalent education required. Completion of formal advanced courses in automotive mechanics or equivalent mechanical experience.

Minimum 2-3 years of basic automotive mechanical experience is required.

9.1.4 Administrative/Secretarial Labor Hours

Responsibilities:

Performs data entry or word processing using Microsoft Office products or other similar Windows based software tools. Maintains operations by following policies and procedures; reporting needed changes. Verifies data by reviewing, correcting, deleting, or reentering data. Maintains data entry requirements by following data program techniques and procedures.

Qualifications:

Prior experience with Microsoft Office (or similar) software tools.

Organization, Typing, and Data Entry Skills required.

**USA COMMITMENT TO PROMOTE
SMALL BUSINESS PARTICIPATION
PROCUREMENT PROGRAMS**

PREAMBLE

(Name of Company) provides commercial products and services to ordering activities. We are committed to promoting participation of small, small disadvantaged and women-owned small businesses in our contracts. We pledge to provide opportunities to the small business community through reselling opportunities, mentor-protégé programs, joint ventures, teaming arrangements, and subcontracting.

COMMITMENT

To actively seek and partner with small businesses.

To identify, qualify, mentor and develop small, small disadvantaged and women-owned small businesses by purchasing from these businesses whenever practical.

To develop and promote company policy initiatives that demonstrate our support for awarding contracts and subcontracts to small business concerns.

To undertake significant efforts to determine the potential of small, small disadvantaged and women-owned small business to supply products and services to our company.

To insure procurement opportunities are designed to permit the maximum possible participation of small, small disadvantaged, and women-owned small businesses.

To attend business opportunity workshops, minority business enterprise seminars, trade fairs, procurement conferences, etc., to identify and increase small businesses with whom to partner.

To publicize in our marketing publications our interest in meeting small businesses that may be interested in subcontracting opportunities.

We signify our commitment to work in partnership with small, small disadvantaged and women-owned small businesses to promote and increase their participation in ordering activity contracts. To accelerate potential opportunities please contact:

Shene' Commodore, CPCM

Phone: 770-280-7431

Fax: 770-234-4224

Email: shene.commodore@intertek.com

BEST VALUE
BLANKET PURCHASE AGREEMENT
FEDERAL SUPPLY SCHEDULE

(Insert Customer Name)

In the spirit of the Federal Acquisition Streamlining Act (ordering activity) and (Contractor) enter into a cooperative agreement to further reduce the administrative costs of acquiring commercial items from the General Services Administration (GSA) Federal Supply Schedule Contract(s) _____.

Federal Supply Schedule contract BPAs eliminate contracting and open market costs such as: search for sources; the development of technical documents, solicitations and the evaluation of offers. Teaming Arrangements are permitted with Federal Supply Schedule Contractors in accordance with Federal Acquisition Regulation (FAR) 9.6.

This BPA will further decrease costs, reduce paperwork, and save time by eliminating the need for repetitive, individual purchases from the schedule contract. The end result is to create a purchasing mechanism for the ordering activity that works better and costs less.

Signatures

Ordering Activity

Date

Contractor

Date

BASIC GUIDELINES FOR USING
“CONTRACTOR TEAM ARRANGEMENTS”

Federal Supply Schedule Contractors may use “Contractor Team Arrangements” (see FAR 9.6) to provide solutions when responding to a ordering activity requirements.

These Team Arrangements can be included under a Blanket Purchase Agreement (BPA). BPAs are permitted under all Federal Supply Schedule contracts.

Orders under a Team Arrangement are subject to terms and conditions or the Federal Supply Schedule Contract.

Participation in a Team Arrangement is limited to Federal Supply Schedule Contractors.

Customers should refer to FAR 9.6 for specific details on Team Arrangements.

Here is a general outline on how it works:

- The customer identifies their requirements.
- Federal Supply Schedule Contractors may individually meet the customers’ needs, or -
- Federal Supply Schedule Contractors may individually submit a Schedules “Team Solution” to meet the customer’s requirement.
- Customers make a best value selection.