



U.S. 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!*, a menu-driven database system. The Internet address for *GSA Advantage!* is: www.gsaadvantage.gov

PROFESSIONAL ENGINEERING SERVICES

FSC GROUP 87 (54 NAICS-Engineering, Accounting,
Research, Management, and Related Services)
FSC CLASS 871

SPECIAL ITEM NO: 871-1 - Strategic Planning for Technology Programs/Activity
SPECIAL ITEM NO: 871-2 - Concept Development and Requirements Analysis
SPECIAL ITEM NO: 871-3 - System Design, Engineering, and Integration
SPECIAL ITEM NO: 871-4 - Test and Evaluation
SPECIAL ITEM NO: 871-5 - Integrated Logistics Support
SPECIAL ITEM NO: 871-6 - Acquisition and Life Cycle Management

Contract No.: GS-23F-0212R

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

Contract Period: 20 July 2005 through 19 July 2010

Prices shown herein are net (discount deducted)

Price List current through Modification FCXB-B2-990001-B, Refresh 8, dated 15 November 2004.

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SYTRONICS, Inc., is a small, veteran-owned business.
(NAICS 541330 / SIC 8711 ♦ NAICS 541710 / SIC 8731)



March 20, 2003

MEMORANDUM FOR GSA ACQUISITION WORKFORCE ASSOCIATES

FROM: SENIOR PROCUREMENT EXECUTIVE

SUBJECT: Acquisition Advisory

Many of our colleagues are wondering what, if any, changes the current state of world events has, or may have, on the rules governing acquisition. This advisory is intended to answer some of those questions.

Q: Are there any new authorities available for acquisition?

A: Yes. Section 852, et seq, Homeland Security Act of 2002, Pub.L. 107-296 and the 2002 National Defense Authorization Act provide for certain increased thresholds and the use of simplified acquisition procedures under certain circumstances. You should be familiar with these new authorities. These were implemented in the FAR through Federal Acquisition Circular (FAC) 01-09 and 01-12 available at www.acqnet.gov/far under 'FAR Documents.'

Q: What are these new authorities?

A: There are several. The following is a summary only and you should read the actual FAR text for the details:

Increased Thresholds.

Micro-purchase threshold is raised to \$7,500 (\$15,000 for acquisitions by or for Department of Defense) except for construction subject to the Davis Bacon Act

Simplified Acquisition Threshold is raised to \$200,000 inside the United States and \$300,000 outside the United States (\$250,000 and \$500,000, respectively, for acquisitions by or for Department of Defense)

Commercial Items

Agencies may treat certain non-commercial item acquisitions as commercial items with no \$5,000,000 limit.

Streamlined Acquisition Authority

Removes the dollar limitations on sole source 8(a) and Hubzone awards

Q: When are these new authorities available for use?

A: The authorities provided apply to any procurement of property or services by or for an executive agency that, as determined by the head of the executive agency, are to be used to facilitate defense against or recovery from terrorism or nuclear, biological, chemical, or radiological attack, but only if a solicitation of offers for the procurement is issued by November 24, 2003 (but see specific dates in the FAR for the award and obligation of funds using the increased thresholds specific to acquisitions by or for Department of Defense).

Q: Has a determination by the Administrator been made that authorizes the use of these new authorities?

A: The Administrator will be issuing a memorandum, which will delegate these statutory authorities to contracting officers, through the Senior Procurement Executive.

Q: Are there any other special authorities?

A: No. None are needed. The FAR, combined with the tools already in our acquisition toolbox, provide plenty of flexibility. The Schedules program, the GWACS program, letter contracts, multiple award indefinite delivery

indefinite quantity contracts, single award indefinite delivery indefinite quantity contracts, and purchase cards provide tremendous flexibility. In addition, FAR Part 6 provides the authority to limit competition when the need arises but be mindful of the additional justification and approval thresholds identified at FAR 13.501(a). It is important to remember that we didn't use any extraordinary measures following 9/11. The system works.

Q: What about Acquisition Plans?

A: Acquisition planning is very important no matter what is going on around us. We need to think about what we will do to acquire emergency items in advance. Become familiar with suppliers of emergency equipment from protective clothing to computers and construction equipment. Make contact and check supply availability. Section 858 of the Homeland Security Act addresses market research and has been implemented at FAR 10.001. We are considering issuing additional guidance on the need for formal written acquisition plans. In the interim, use common sense. If an emergency requires you to acquire something immediately, acquire it and we'll work out the paper afterwards. Keep in mind that there is no substitute for good acquisition planning. If you haven't done it, now is the time to do it.

Q: If the Administrator makes a determination to raise the simplified acquisition threshold, does that mean I am authorized to obligate up to the raised threshold amount if I hold a simplified acquisition warrant?

A: No. Raising the thresholds does not raise your warrant authority. Your warrants will be raised as needed and in writing on either a case-by-case or blanket basis.

Q: What about purchase card limits?

A: Keep in mind that the \$2500 purchase card limit does not increase along with the micro-purchase authority. If the Administrator determines to raise the thresholds as discussed in this letter, that does not, in and of itself, mean that purchase card authority has been raised commensurately. Therefore, contact your CFO and discuss how purchase card limits and purchasing authority might be raised in the event of an emergency. You will find that plans already exist to raise the limits, but you need to know who to call or e-mail to initiate this.

Q: Is there any special documentation requirements needed when using this emergency procurement authority?

A: Yes. FAR 13.501 addresses documentation. The requirements are not exhaustive but pay particular attention to the sole source approval thresholds at FAR 13.501(a)(2)(iii) and (iv) for test program sole sources. Other than this, there are no additional documentation requirements, but you should keep in mind that the Homeland Security Act requires the Comptroller General to report on the use of this emergency procurement authority in 2004. Therefore, ensure that you are able to identify the purchases you make under these emergency authorities should the need arise to exercise them.

Finally, you can be confident that your experience and outstanding performance in the aftermath of September 11, 2001 have prepared you for what may come. We will be able to look back with pride at our agency's contributions to our homeland during this most difficult time.

**FEDERAL SUPPLY SERVICE
AUTHORIZED PROFESSIONAL ENGINEERING SERVICES SCHEDULE
PRICE LIST**

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I. CUSTOMER INFORMATION

I.1a. Table of Awarded Special Item Numbers

The following table contains the awarded Special Item Number(s) (SINs) in the Primary Engineering Disciplines (PEDs) of Electrical Engineering (EE) and Mechanical Engineering (ME).

SIN	SIN TITLE	PAGE
871-1	Strategic Planning for Technology Programs/Activity	19
871-2	Concept Development and Requirements Analysis	20
871-3	System Design, Engineering, and Integration	20
871-4	Test and Evaluation	21
871-5	Integrated Logistics Support	22
871-6	Acquisition and Life Cycle Management	23

I.1b. Lowest Priced Model Number and Lowest Unit Price

Not applicable.

I.1c. Hourly Rates, Description of Corresponding Commercial Job Titles, Experience, Functional Responsibility, and Education

Refer to Rate Tables, Pages 26 through 41, and Labor Category Job Titles and Descriptions, Pages 42 through 58.

I.2. Maximum Order

The maximum order threshold value for task orders under this contract is \$750,000.00.

I.3. Minimum Order

The minimum order that may be placed under this contract is \$100.00.

I.4. Geographic Coverage (Delivery Area)

The Geographic Scope of Contract will be domestic and overseas delivery.

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.

Overseas delivery is delivery to points outside of the 48 contiguous states, Washington, DC, Alaska, Hawaii, Puerto Rico, and U.S. Territories.

I.5. Point(s) of Production (City, County, and State or Foreign Country)

Dayton, Greene, Ohio.

I.6. Discount from List Prices or Statement of Net Price

- a. Prices contained in this price list are net prices (discount deducted).
- b. Commercial sales practices:

TYPE OF CUSTOMER	STANDARD DISCOUNTS & PRICING POLICIES	NONSTANDARD DISCOUNTS, INCLUDING DEGREE & FREQUENCY	REBATES	PROMPT PAYMENT DISCOUNT
Distributors (sells only to Dealers/Resellers)	N/A	N/A	N/A	N/A
Dealers/Resellers (resell to end users)	N/A	N/A	N/A	N/A
VAR/System Integrators	N/A	N/A	N/A	N/A
Original Equipment Manufacturers (OEM)	N/A	N/A	N/A	N/A
State & Local Governments	N/A	N/A	N/A	N/A
Educational & Nonprofit Institutions	N/A	N/A	N/A	N/A
National & Corporate Accounts	None	None	None	None
Commercial End Users	N/A	N/A	N/A	N/A
Other: Federal Government	None, Fixed Price, Time & Materials and Cost Reimbursable	None	None	None
Proposed GSA Discounts	Time and Materials, Fixed Hourly Rates with prompt payment discounts and non-standard spot reduction discounts for BPAs or orders exceeding the maximum order value	As offered and negotiated in orders exceeding the maximum order value	None	1/2% ≤ 2 days 1/4% ≤ 7 days

SYTRONICS reserves the right to apply spot discounts.

I.7. Quantity Discounts

Quantity Discounts may be negotiated on an individual task order basis.

I.8. Prompt Payment Terms

SYTRONICS' terms are Net 30; 2% thereafter.

I.9. Government Purchase Cards

a. *SYTRONICS* will accept Government Purchase Cards for delivery orders issued under this contract equal to or less than the micro-purchase threshold for oral or written delivery orders.

b. *SYTRONICS* will accept Government Purchase Cards for payment above the micro-purchase threshold. In addition, bank account information for wire transfer payments will be shown on the invoice.

I.10. Foreign Items

None.

I.11. Delivery

I.11a. Time of Delivery

Time of delivery will be negotiated on an individual delivery order basis.

I.11b. Expedited Delivery

Items available for expedited delivery are noted in this price list.

I.11c. Overnight and Two-Day Delivery

Overnight and two-day delivery will be negotiated on an individual delivery order basis.

I.11d. Urgent Requirements

Delivery of urgent requirements will be negotiated on an individual delivery order basis.

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 three workdays after receipt. (**NOTE: Telephonic 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 accordance with all other terms and conditions of the contract.

I.12. F.O.B. Point (s)

All completed performance will be made F.O.B. destination within the Continental United States (CONUS). An additional charge (applicable labor and Joint Travel Regulation (JTR) travel and per diem) will be included in the negotiations of each order, as requested by the Government for **SYTRONICS, Inc.**, representation for on-site inspection, acceptance testing, and/or installations for CONUS and OCONUS shipments made F.O.B. destination to U.S. Government-designated shipping points.

I.13a. Ordering Address

The address for delivery orders under this contract is:

Company Name:	<i>SYTRONICS, Incorporated</i>
ATTN:	Rebecca A. Rogers
Title:	Contracts Manager
Address:	4433 Dayton-Xenia Road
	Building 1
	Dayton OH 45432
Toll Free Telephone Number:	1-800-699-1466, Extension 6110
Phone:	(937) 431-6110
Fax:	(937) 431-6410
E-mail:	brogers@sytronics.com
Alternate Point of Contact:	Barrett L. Myers
Title:	President
Toll Free Telephone Number:	1-800-644-1466, Extension 6110
Fax:	(937) 431-6410
E-mail:	brogers@sytronics.com

I.13b. Ordering Procedures

For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPAs), and a sample BPA can be found at the GSA/FSS Schedule homepage: fss.gsa.gov/schedules.

I.14. Payment Address(es)

SYTRONICS accepts payment by electronic funds transfer (EFT). However, under certain conditions, the Government may elect to make payment by check. Below are the payment (remittance) addresses to which Government checks should be mailed for payment of proper invoices submitted or the electronic payment codes under which payment can be made for a resultant contract.

CHECK PAYMENT ADDRESS:	ELECTRONIC PAYMENT CODES
SYTRONICS, Incorporated 4433 Dayton - Xenia Road, Bldg. 1 Dayton, OH 45432	Fifth Third Bank Routing #: 042202196 Account #: 7700537256

I.15. Warranty

SYTRONICS warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

SYTRONICS warrants that each hardware, software, and firmware product delivered under this contract shall be able to accurately process date-time data (including, but not limited to, calculating, comparing, and sequencing) from, into, and between the twentieth and twenty-first centuries, including leap year calculations, when used in accordance with the product documentation provided by **SYTRONICS**, provided that all products (e.g. hardware, software, firmware) used in combination with products properly exchange date-time data with it. If the contract requires that specific listed products must perform as a system in accordance with the foregoing warranty, then that warranty shall apply to those products as a system. The duration of this warranty and the remedies available under this warranty shall include repair or replacement of any product whose non-compliance is discovered and made known to **SYTRONICS** in writing within ninety (90) days after acceptance (installation is considered acceptance). **SYTRONICS** may offer an extended warranty to the Government to include repair or replacement of any product whose non-compliance is discovered and made known to **SYTRONICS** in writing at any time prior to 1 June 2000, or for a period of six months following acceptance (installation is considered acceptance) whichever is later. Nothing in this warranty shall be construed to limit any rights or remedies the Government may otherwise have under this contract with respect to defects other than Year 2000 performance.

I.15a. Applicable to domestic locations. **SYTRONICS'** standard commercial warranty (refer to Appendix A) applies to this contract.

I.15b. Applicable to overseas destinations. **SYTRONICS'** standard commercial warranty applies to this contract (refer to Appendix A), except as follows:

(1) **SYTRONICS** will provide, at a minimum, a warranty on all non-consumable parts for a period of 90 days from the date that the ordering activity accepts the product.

(2) *SYTRONICS* will supply parts and labor required under the warranty provisions free of charge.

(3) *SYTRONICS* will bear the transportation costs of returning the products to and from the repair facility, or the costs involved with *SYTRONICS* personnel traveling to the ordering activity facility for the purpose of repairing the product onsite, during the 90-day warranty period.

I.16. Export Packing Charges

Export Packing Charges will be determined in accordance with the terms and conditions set forth with each individual delivery order.

I.17. Terms and Conditions of Government Purchase Card Acceptance

SYTRONICS accepts the Government Purchase Card. However, there is a small credit card handling fee applied depending on the credit card company. For a list of the fees, please contact:

Rebecca A. Rogers
Toll Free: 1-800-699-1466, extension 6110
Phone: (937) 431-6110
FAX: (937) 431-6410
E-mail: brogers@sytronics.com.

I.18. Terms and Conditions of Rental, Maintenance, and Repair

Not applicable.

I.19. Terms and Conditions of Installation

Not applicable.

I.20. Terms and Conditions of Repair Parts Indicating Date of Parts Price Lists and any Discounts from List Prices

Not applicable.

I.20a. Terms and Conditions for Any Other Service

Not applicable.

I.21. List of Service and Distribution Points

Not applicable.

I.22. List of Participating Dealers

Not applicable.

I.23. Preventive Maintenance

SYTRONICS' Delivery Order Performance Review Process provides a systematic and investigative process to identify potential problems and "preventive maintenance" before problems reach our customers. Built into that process, we allow performing personnel to recommend the corrective actions. Corrective actions implemented are then managed by the performing personnel and are reviewed through the correction by the Task Order and Program Manager until the problem is resolved.

I.24a. Special Attributes

None.

I.24b. Section 508 Compliance

SYTRONICS will provide agencies with all information available regarding compliance with accessibility standards, partial compliance, or what accessibility features are offered on products and services provided by **SYTRONICS**. **SYTRONICS** is in the process of identifying each product or service with Section 508 information available. This Section 508 information will be contained in this section of this website. **SYTRONICS** is reliant on many suppliers/manufacturers of products, including Section 508 information, and will refer inquirers to the appropriate supplier/manufacturer for the most current Section 508 information.

If applicable, Section 508 compliance information on the supplies and services in this contract are available in Electronic and Information Technology (EIT) at the following:

www.sytronics.com

The EIT standard can be found at:

www.section508.gov

I.25. Data Universal Number System (DUNS) Number

DUNS Number: 122-54-3739

I.26. Central Contractor Registration (CCR) Database Registration

SYTRONICS, Inc. is registered in the CCR.

I.27. Contractor Tasks/Special Requirements

- (a) *Security Clearances:* The Contractor may be required to obtain/possess varying levels of security clearances in the performance of orders issued under this contract. All costs associated with obtaining/possessing such security clearances should be factored into the price offered under the Multiple Award Schedule.
- (b) *Travel:* The Contractor may be required to travel in performance of orders issued under this contract. Allowable travel and per diem charges are governed by Public Law 99-234 and FAR Part 31, and are reimbursable by the ordering agency or can be priced as a fixed price item on orders placed under the Multiple Award Schedule. Travel in performance of a task order will only be reimbursable to the extent authorized by the ordering agency. **The Industrial Funding Fee does NOT apply to travel and per diem charges.**
- (c) *Certifications, Licenses, and Accreditations:* As a commercial practice, the Contractor may be required to obtain/possess any variety of certifications, licenses, and accreditations for specific FSC/service code classifications offered. All costs associated with obtaining/possessing such certifications, licenses, and accreditations should be factored into the price offered under the Multiple Award Schedule Program.
- (d) *Insurance:* As a commercial practice, the Contractor may be required to obtain/possess insurance coverage for specific FSC/service code classifications offered. All costs associated with obtaining/possessing such insurance should be factored into the price offered under the Multiple Award Schedule Program.
- (e) *Personnel:* The Contractor may be required to provide key personnel, resumes, or skill category descriptions in the performance of orders issued under this contract. Ordering activities may require agency approval of additions or replacements to key personnel.
- (f) *Organizational Conflicts of Interest:* Where there may be an organizational conflict of interest as determined by the ordering agency, the Contractor's participation in such order may be restricted in accordance with FAR Part 9.5.

- (g) *Documentation/Standards:* The Contractor may be requested to provide products or services in accordance with rules, regulations, Office of Management and Budget (OMB) orders, standards, and documentation as specified by the agency's order.
- (h) *Data/Deliverable Requirements:* Any required data/deliverables at the ordering level will be as specified or negotiated in the agency's order.
- (i) *Government-Furnished Property:* As specified by the agency's order, the Government may provide property, equipment, materials, or resources as necessary.
- (j) *Availability of Funds:* Many Government agencies' operating funds are appropriated for a specific fiscal year. Funds may not be presently available for any orders placed under the contract or any option year. The Government's obligation on orders placed under this contract is contingent upon the availability of appropriated funds from which payment for ordering purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are available to the ordering Contracting Officer.
- (k) *Overtime:* For professional services, the labor rates in the Schedule should not vary by virtue of the Contractor having worked overtime. For services applicable to the Service Contract Act (as identified in the Schedule), the labor rates in the Schedule will vary as governed by labor laws (usually assessed a time and a half of the labor rate).

I.28. Order Acknowledgment

Contractors shall acknowledge only those orders which state "Order Acknowledgment Required." These orders shall be acknowledged within five days after receipt. Such acknowledgment shall be sent to the activity placing the order and contain information pertinent to the order, including the anticipated delivery date. All dates associated with an individual order are subject to negotiation between the ordering agency and the contractor.

If the contractor is unwilling to accept an order, the Contractor shall return it by mailing or delivering it to the ordering office within five workdays after receipt. Failure to return an order shall constitute acceptance whereupon all provisions of the contract shall apply to such order.

I.29. Terms and Conditions Applicable to Professional Engineering Services (PES)

- (a) *Inspection/Acceptance.* The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services

that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its postacceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

- (b) *Assignment.* The Contractor or its assignee may assign its rights to receive payment due as a result of performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency in accordance with the Assignment of Claims Act (31 U.S.C. 3727). However, when a third party makes payment (e.g., use of the Government-wide commercial purchase card), the Contractor may not assign its rights to receive payment under this contract.
- (c) *Changes.* Changes in the terms and conditions of this contract may be made only by written agreement of the parties.
- (d) *Disputes.* This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 601-613). Failure of the parties to this contract to reach agreement on any request for equitable adjustment, claim, appeal, or action arising under or relating to this contract shall be a dispute to be resolved in accordance with the clause at FAR 52.233-1, Disputes, which is incorporated herein by reference. The Contractor shall proceed diligently with performance of this contract, pending final resolution of any dispute arising under the contract.
- (e) *Definitions.* The clause at FAR 52.202-1, Definitions, is incorporated herein by reference.
- (f) *Excusable Delays.* The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence such as, acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(g) *Invoice.*

- (1) The Contractor shall submit an original invoice and three copies (or electronic invoice, if authorized) to the address designated in the contract to receive invoices. An invoice must include--
 - (i) Name and address of the Contractor;
 - (ii) Invoice date and number;
 - (iii) Contract number, contract line item number and, if applicable, the order number;
 - (iv) Description, quantity, unit of measure, unit price, and extended price of the items delivered;
 - (v) Shipping number and date of shipment, including the bill of lading number and weight of shipment if shipped on Government bill of lading;
 - (vi) Terms of any discount for prompt payment offered;
 - (vii) Name and address of official to whom payment is to be sent;
 - (a) Name, title, and phone number of person to notify in event of defective invoice; and
 - (ix) Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.
 - (a) Electronic Funds Transfer (EFT) banking information.
 - (b) The Contractor shall include EFT banking information on the invoice only if required elsewhere in this contract.
 - (c) If EFT banking information is not required to be on the invoice, in order for the invoice to be a proper invoice, the Contractor shall have submitted correct EFT banking information in accordance with the applicable solicitation provision, contract clause

(e.g., 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration, or 52.232-34, Payment by Electronic Funds Transfer--Other Than Central Contractor Registration), or applicable agency procedures.

- (d) EFT banking information is not required if the Government waived the requirement to pay by EFT.
- (2) Invoices will be handled in accordance with the Prompt Payment Act (31 U.S.C. 3903) and OMB prompt payment regulations at 5 CFR Part 1315.
- (h) *Patent Indemnity.* The Contractor shall indemnify the Government and its officers, employees, and agents against liability, including costs, for actual or alleged direct or contributory infringement of, or inducement to infringe, any United States or foreign patent, trademark, or copyright, arising out of the performance of this contract, provided the Contractor is reasonably notified of such claims and proceedings.
 - (i) *Payment.*
 - (1) *Items accepted.* Payment shall be made for items accepted by the Government that have been delivered to the delivery destinations set forth in this contract.
 - (2) *Prompt payment.* The Government will make payment in accordance with the Prompt Payment Act (31 U.S.C. 3903) and prompt payment regulations at 5 CFR Part 1315.
 - (3) *Electronic Funds Transfer (EFT).* If the Government makes payment by EFT, see 52.212-5(b) for the appropriate EFT clause.
 - (4) *Discount.* In connection with any discount offered for early payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be considered to have been made on the date which appears on the payment check or the specified payment date if an electronic funds transfer payment is made.
 - (5) *Overpayments.* If the Contractor becomes aware of a duplicate contract financing or invoice payment or that the Government has otherwise overpaid on a contract financing or invoice payment, the Contractor shall immediately notify the Contracting Officer and request instructions for disposition of the overpayment.

- (j) *Risk of Loss.* Unless the contract specifically provides otherwise, risk of loss or damage to the supplies provided under this contract shall remain with the Contractor until, and shall pass to the Government upon:
 - (1) Delivery of the supplies to a carrier, if transportation is F.O.B. origin; or
 - (2) Delivery of the supplies to the Government at the destination specified in the contract, if transportation is F.O.B. destination.
- (k) *Taxes.* The contract price includes all applicable Federal, State, and local taxes and duties.
- (l) *Termination for the Government's Convenience.* The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges the Contractor can demonstrate to the satisfaction of the Government using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred which reasonably could have been avoided.
- (m) *Termination for Cause.* The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.
- (n) *Title.* Unless specified elsewhere in this contract, title to items furnished under this contract shall pass to the Government upon acceptance, regardless of when or where the Government takes physical possession.

- (o) *Warranty.* The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.
- (p) *Limitation of Liability.* Except as otherwise provided by an express warranty, the Contractor will not be liable to the Government for consequential damages resulting from any defect or deficiencies in accepted items.
- (q) *Other Compliances.* The Contractor shall comply with all applicable Federal, State, and local laws, executive orders, rules, and regulations applicable to its performance under this contract.
- (r) *Compliance with Laws Unique to Government Contracts.* The Contractor agrees to comply with 31 U.S.C. 1352 relating to limitations on the use of appropriated funds to influence certain Federal contracts; 18 U.S.C. 431 relating to officials not to benefit; 40 U.S.C. 327, et seq., Contract Work Hours and Safety Standards Act; 41 U.S.C. 51-58, Anti-Kickback Act of 1986; 41 U.S.C. 265 and 10 U.S.C. 2409 relating to whistleblower protections; 49 U.S.C. 40118, Fly American; and 41 U.S.C. 423 relating to procurement integrity.
- (s) *Order of Precedence.* Any inconsistencies in this solicitation or contract shall be resolved by giving precedence in the following order: (1) the schedule of supplies/services; (2) the Assignments, Disputes, Payments, Invoice, Other Compliances, and Compliance with Laws Unique to Government Contracts paragraphs of this clause; (3) the clause at 52.212-5; (4) addenda to this solicitation or contract, including any license agreements for computer software; (5) solicitation provisions if this is a solicitation; (6) other paragraphs of this clause; (7) the Standard Form 1449; (8) other documents, exhibits, and attachments; and (9) the specification.
- (t) *Central Contractor Registration (CCR).*
 - (1) Unless exempted by an addendum to this contract, the Contractor is responsible during performance and through final payment of any contract for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequently updates its information in the CCR database to ensure it is current, accurate, and complete. Updating information in the CCR does not alter the

terms and conditions of this contract and is not a substitute for a properly executed contractual document.

- (2)
 - (i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in FAR Subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to (A) change the name in the CCR database; (B) comply with the requirements of Subpart 42.12; and (C) agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.
 - (ii) If the Contractor fails to comply with the requirements of Paragraph (t)(2)(i) of this clause, or fails to perform the agreement at Paragraph (t)(2)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.
- (3) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the EFT clause of this contract.
- (4) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at www.ccr.gov or by calling 1-888-227-2423 or 269-961-5757.

II. PROFESSIONAL ENGINEERING SERVICES INFORMATION

II.1. Overview

Under the GSA Schedules (also referred to as Multiple Award Schedules and Federal Supply Schedules) Program, GSA establishes long-term Government-wide contracts with commercial firms to provide access to over four million commercial services and products. These can be ordered directly from GSA Schedule contractors or through the GSA Advantage! online shopping and ordering system.

GSA Schedules offer customers direct delivery of millions of state-of-the-art, high-quality commercial services and products at volume discount pricing. The "[Schedules & Other Services & Products](#)" link lists commercial services and products available under GSA Schedules and other GSA contracts. All customers, even those in remote locations, can order the latest technology and quality services and products, conveniently, and at the most-favored customer price. GSA Schedules also offer the potential benefits of shorter lead-times, lower administrative costs, and reduced inventories. Agencies have the opportunity to meet small business goals, while promoting compliance with various environmental and socioeconomic laws and regulations.

GSA Schedules offer several features, such as:

- Blanket Purchase Agreements;
- Contractor Team Arrangements;
- Price Reductions;
- New Technology;
- Continuous Open Seasons;
- Evergreen Contracts;
- Worldwide Coverage; and
- Purchase Card Acceptance.

SYTRONICS has been awarded a GSA Federal Supply Schedule contract for Professional Engineering Services (PES), Contract No. GS-23F-0212R. The contract period is from 20 July 2005 through 19 July 2010. The contract provides for task orders to be placed as Fixed Price or Time-and-Materials using the labor categories and ceiling rates defined for the contract. There is no dollar value ceiling for the contract.

II.1.1 Objective

The purpose of this Professional Engineering Services (PES) Solicitation is to provide an efficient, streamlined, and cost-effective contracting vehicle for all authorized users to obtain professional engineering services from qualified, experienced, and professional contractor(s) under a Multiple Awards Federal Supply Schedule. The contractor shall provide professional engineering services that are commercial in nature, to authorized users of any resultant contract. Based on the terms and conditions of the resultant contract, the contractor

may provide professional engineering services domestically or on a worldwide basis as specified by the terms of their resultant contract. The contractor shall provide and assure effective performance of professional engineering services in accordance with the requirements of any resultant contract.

The resulting contract shall be used for the services listed in the Scope of Work. The resulting contract shall consist of a five-year base period and, if exercised, three five-year option periods. The contract period for this standing solicitation will commence on 20 July 2005 and end 19 July 2010 (unless contract is canceled/terminated or extended). The Government is not required to exercise the option period under any contract awarded. The contract types utilized under this solicitation shall be fixed price, labor-hour, or time-and-material. Firm-fixed price, labor-hour, or time-and-material are defined as follows:

FAR 16.202-1:	"A firm-fixed price contract provides for a price that is not subject to adjustments on the basis of the contractor's cost experience in performing the contract. This contract type places upon the contractor maximum risk and full responsibility for all costs and resulting profit or loss. It provides maximum incentive for the contractor to control costs and perform effectively and imposes a minimum administrative burden upon the contracting parties."
FAR 16.601(a)(1) and (2):	"A time-and-material contract provides for acquiring supplies or services on the basis of: (1) Direct labor hours at specified fixed hourly rates that include wages, overhead, general, and administrative expenses, and profit; and (2) Materials at cost, including, if appropriate, material handling costs as part of material costs." It is <i>SYTRONICS'</i> DCAA-approved standard practices and procedures to add G&A and fee to material purchases.
FAR 16.602:	Labor-hour contracts: "A labor-hour contract is a variation of the time-and-materials contract, differing only in that materials are not supplied by the contractor."

Inappropriate use of the resulting contract for other than professional engineering services may subject the contractor and the authorized users to penalties outlined by statute and regulations.

II.1.2 Contract Use

This contract is available for use by all federal Government agencies as a source for Professional Engineering Services for domestic and/or overseas use. Executive agencies, other Federal agencies, mixed-ownership Government corporations, and the District of Columbia; Government contractors authorized in writing by a Federal Agency pursuant to 48 CFR 51.1; and other activities and organization authorized by statute or regulation to use GSA as a source of supply may use this contract. Additionally, contractors are encouraged to accept orders received from activities within the Executive Branch of the Federal Government.

II.1.3 Ordering Procedures for Services

Orders are placed against a GSA Multiple Award Schedule (MAS) contract, using the procedures under Federal Acquisition Regulation (FAR) 8.4 (Attachment 10), they are considered to be issued using full and open competition (see FAR 6.102(d)(3)). Ordering offices do not need to seek further competition, synopsise the requirement, make a separate determination of fair and reasonable pricing, or consider small business programs. By placing an order against a GSA Schedule contract using the procedures in this section, the ordering office has concluded that the order represents the best value and results in the lowest overall cost alternative to meet the Government's needs. Appendix B contains an Optional Form 347.

II.1.4 Other Direct Costs

Other Direct Costs (ODCs) are charges in direct support of a service. They are commercial items. To the extent possible, all anticipated ODCs associated with performance and within the scope of the GSA Schedule contract should be offered and have an established contract price. Authorized users shall procure ODCs only in support of the schedule contractor's overall professional engineering service effort. No authorized user shall place orders only to procure the schedule contractor's ODCs.

Note: Open market items are also known as incidental items, noncontract items, non-Schedule items, and items not on a Federal Supply Schedule contract. In accordance with FAR 8.401(d), for administrative convenience, an ordering office Contracting Officer may add items not on the Federal Supply Schedule (Multiple Award Schedule) contract (i.e., open market items) to a Federal Supply Schedule Blanket Purchase Agreement (BPA) or an individual task or delivery order *only if*-

- (a) All applicable acquisition regulations pertaining to the purchase of the items not on the Federal Supply Schedule contract have been followed (e.g., Publicizing (Part 5), Competition Requirements (Part 6), Acquisition of Commercial Items (Part 12), Contracting Methods (Parts 13, 14, and 15), and Small Business Programs (Part 19));
- (b) The ordering office Contracting Officer has determined the price for the items not on the Federal Supply Schedule contract is fair and reasonable;
- (c) The items are clearly labeled on the order as items not on the Federal Supply Schedule contract; and
- (d) All clauses applicable to items not on the Federal Supply Schedule contract are included in the order.

II.1.5 Contract Scope

The Special Item Numbers (SINs) available under this contract provide for services across the full life cycle of an engineering project. When task orders are placed, they must identify the SIN or SINs under which the task is being executed. *SYTRONICS* has been awarded a contract by GSA to provide services under all six SINs, as defined below:

SIN	TITLE
871-1	Strategic Planning for Technology Programs/Activities
871-2	Concept Development and Requirements Analysis
871-3	Systems Design Engineering and Integration
871-4	Test and Evaluation
871-5	Integrated Logistics Support
871-6	Acquisition and Life Cycle Management

Task orders for outsourcing of engineering services may be placed for any of the SINs, provided the work being outsourced is covered under the SIN definition. The Government defined and awarded this contract after evaluation based on *SYTRONICS'* experience, negotiated cost reasonableness, and past performance for the Primary Engineering Disciplines (PEDs) under each of the SINs.

SYTRONICS was awarded a contract to provide services for electrical and mechanical engineering under each of the six contract SINs. Task Orders identified and defined under any of these PEDs, or related sub-disciplines, may be awarded to *SYTRONICS*.

A full description of each SIN definition and examples of the types of work covered by the SIN are provided below.

II.1.6 Special Item Number (SIN) Descriptions

SYTRONICS, Inc. was awarded this contract by GSA to provide the following services under all the SINs. More thorough descriptions of the SINs are provided in the ensuing paragraphs of this section.

II.1.6.1 SIN 871-1--Strategic Planning for Technology Programs/Activities

Services required under this SIN involve the definition and interpretation of high-level organizational engineering performance requirements such as projects, systems, missions, etc., and the objectives and approaches to their achievement. Typical associated tasks include, but are not limited to, an analysis of mission, program goals and objectives, requirements analysis, organizational performance assessment, special studies and analysis, training, privatization, and outsourcing.

Example: The evaluation and preliminary definition of new and/or improved performance goals for navigation satellites--such as launch procedures and costs, multi-user

capability, useful service life, accuracy, and resistance to natural and man-made electronic interference.

Architect-Engineering (A/E) Services as that term is defined in FAR 36.601-3 are excluded from the PES Schedule. If the agency's statement of work, substantially or to a dominant extent, specifies performance or approval by a registered or licensed architect or engineer for services related to real property, the Brooks Architect-Engineers Act applies and such services must be procured in accordance with FAR Part 36. Use of this schedule for Brooks Act architectural or engineering services is not authorized. Inappropriate use of this SIN is providing professional engineering services not specifically related to strategic planning for technology programs/activities and associated disciplines.

II.1.6.2 SIN 871-2--Concept Development and Requirements Analysis

Services required under this SIN involve abstract or concept studies and analysis, requirements definition, preliminary planning, the evaluation of alternative technical approaches and associated costs for the development or enhancement of high level general performance specifications of a system, project, mission, or activity. Typical associated tasks include, but are not limited to, requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, training, privatization, and outsourcing.

Example: The development and analysis of the total mission profile and life cycle of the improved satellite including examination of performance and cost tradeoffs.

Architect-Engineering Services as that term is defined in FAR 36.601-3 are excluded from the PES Schedule. If the agency's statement of work, substantially or to a dominant extent, specifies performance or approval by a registered or licensed architect or engineer for services related to real property, the Brooks Architect-Engineers Act applies and such services must be procured in accordance with FAR Part 36. Use of this schedule for Brooks Act architectural or engineering services is not authorized. Inappropriate use of this SIN is providing professional engineering services not specifically related to concept development, requirements analysis, and associated disciplines.

II.1.6.3 SIN 871-3--Systems Design Engineering and Integration

Services required under this SIN involve the translation of a system (or subsystem, program, project, activity) concept into a preliminary and detailed design (engineering plans and specifications), performing risk identification/analysis/mitigation, traceability, and then integrating the various components to produce a working prototype or model of the system. Typical associated tasks include, but are not limited to, computer-aided design, design studies and analyses, high level detailed specification preparation, configuration management and document control, fabrication, assembly and simulation, modeling, training, privatization, and outsourcing.

Example: The navigation satellite concept produced in the preceding stage will be converted to a detailed engineering design package, performance will be computer-simulated, and a working model will be built for testing and design verification.

Architect-Engineering (A/E) Services as that term is defined in FAR 36.601-3 are excluded from the PES Schedule. If the agency's statement of work, substantially or to a dominant extent, specifies performance or approval by a registered or licensed architect or engineer for services related to real property, the Brooks Architect-Engineers Act applies and such services must be procured in accordance with FAR Part 36. Use of this schedule for Brooks Act architectural or engineering services is not authorized. Inappropriate use of this SIN is providing professional engineering services not specifically related to system design, engineering, integration, and associated disciplines.

II.1.6.4 SIN 871-4--Test and Evaluation

Services required under this SIN involve the application of various techniques demonstrating that a prototype system (subsystem, program, project, or activity) performs in accordance with the objectives outlined in the original design. Typical associated tasks include, but are not limited to, testing of a prototype and first article(s) testing, environmental testing, independent verification and validation, reverse engineering, simulation and modeling (to test the feasibility of a concept), system safety, quality assurance, physical testing of the product or system, training, privatization, and outsourcing.

Example: The navigation satellite-working model will be subjected to a series of tests, which may simulate and ultimately duplicate its operational environment.

Architect-Engineering (A/E) Services as that term is defined in FAR 36.601-3 are excluded from the PES Schedule. If the agency's statement of work, substantially or to a dominant extent, specifies performance or approval by a registered or licensed architect or engineer for services related to real property, the Brooks Architect-Engineers Act applies and such services must be procured in accordance with FAR Part 36. Use of this schedule for Brooks Act architectural or engineering services is not authorized. Inappropriate use of this SIN is providing professional engineering services not specifically related to testing, evaluating, and associated disciplines.

II.1.6.5 SIN 871-5--Integrated Logistics Support

Services required under this SIN involve the analysis, planning, and detailed design of all engineering specific logistics support including material goods, personnel, and operational maintenance and repair of systems throughout their life cycles. Typical associated tasks include, but are not limited to, ergonomic/human performance analysis, feasibility analysis, logistics planning, requirements determination, policy standards/procedures development, long-term reliability and maintainability, training, privatization, and outsourcing.

Example: The full range of life cycle logistics support for the navigation satellite will be identified and designed in this stage including training, operation and maintenance requirements, and replacement procedures.

Architect-Engineering (A/E) Services as that term is defined in FAR 36.601-3 are excluded from the PES Schedule. If the agency's statement of work, substantially or to a dominant extent, specifies performance or approval by a registered or licensed architect or engineer for services related to real property, the Brooks Architect-Engineers Act applies and such services must be procured in accordance with FAR Part 36. Use of this schedule for Brooks Act architectural or engineering services is not authorized. Inappropriate use of this SIN is providing professional engineering services not specifically related to integrated logistics support and associated disciplines.

II.1.6.6 SIN 871-6--Acquisition and Life Cycle Management

Services required under this SIN involve all of the planning, budgetary, contract, and systems/program management execution functions required to procure and/or produce, render operational, and provide life cycle support (maintenance, repair, supplies, engineering specific logistics) to technology-based systems, activities, subsystems, projects, etc. Typical associated tasks include, but are not limited to, operation and maintenance, program/project management (including, but not limited to, construction management), technology transfer/insertion, training, privatization, and outsourcing.

Example: During this stage, the actual manufacturing, launch, and performance monitoring of the navigation satellite will be assisted through project management, configuration management, reliability analysis, engineering retrofit improvements, and similar functions.

Architect-Engineering (A/E) Services as that term is defined in FAR 36.601-3 are excluded from the PES Schedule. If the agency's statement of work, substantially or to a dominant extent, specifies performance or approval by a registered or licensed architect or engineer for services related to real property, the Brooks Architect-Engineers Act applies and such services must be procured in accordance with FAR Part 36. Use of this schedule for Brooks Act architectural or engineering services is not authorized. Inappropriate use of this SIN is professional engineering services not specifically related to acquisition and life cycle management and associated disciplines.

II.2. Description of Professional Engineering Services and Pricing

SYTRONICS offers the following Professional Engineering Services listed under this schedule. Ordering activities are encouraged to contact or work with a *SYTRONICS* GSA ordering representative to plan/or specify their ordering requirements. The Professional Engineering Services may be ordered in whole or in part, requiring differing labor mixes and hours. Professional Engineering Services can also be combined in a single order for more comprehensive or longer-term on- or off-site services. Our representatives are available to help

you specify your minimum requirements necessary to ensure complete and satisfactory performance.

II.2.1 Electrical Engineering

Electrical Engineering is defined as the planning, design, development, evaluation, and operation of electrical principles, models, and processes. It includes, but is not limited to, the design, fabrication, measurement, and operation of electrical devices, equipment, and systems (e.g., signal processing; telecommunication; sensors, microwave, and image processing; micro-fabrication; energy systems and control; micro- and nano-electronics; plasma processing; laser and photonics; satellites, missiles and guidance systems, space vehicles, fiber optics, robotics, etc.).

Within the electrical engineering PED, there are several specialties within the scope of this work. A partial listing follows:

<i>Aerospace and Electronic Systems</i>	<i>Antennas and Propagation</i>
<i>Broadcast Technology</i>	<i>Circuits and Systems</i>
<i>Communications</i>	<i>Components Packaging and Manufacturing Technology</i>
<i>Computer</i>	<i>Consumer Electronics</i>
<i>Control Systems</i>	<i>Dielectrics and Electrical Insulation</i>
<i>Education</i>	<i>Electromagnetic Compatibility</i>
<i>Engineering Management</i>	<i>Information Theory</i>
<i>Industrial Electronics</i>	<i>Industry Applications</i>
<i>Intelligent Transportation Systems</i>	<i>Instrumentation and Measurement</i>
<i>Lasers & Electro-Optics</i>	<i>Magnetics</i>
<i>Microwave Theory and Techniques</i>	<i>Neural Networks Council</i>
<i>Nuclear and Plasma Sciences</i>	<i>Oceanic Engineering</i>
<i>Power Electronics</i>	<i>Professional Communication</i>
<i>Reliability</i>	<i>Remote Sensing</i>
<i>Robotics & Automation</i>	<i>Signal Processing on Social Implications of Technology</i>
<i>Solid-State Circuits</i>	<i>Systems, Man, and Cybernetics</i>
<i>Ultrasonics, Ferroelectrics, and Frequency Control</i>	<i>Vehicular Technology</i>

II.2.2 Mechanical Engineering

Mechanical Engineering is defined as the planning, development, evaluation, and control of systems and components involving the production and transfer of energy and with the conversion of one form of energy to another. It includes, but is not limited to, planning and evaluation of power plants, analysis of the economical combustion of fuels, conversion of heat energy into mechanical energy, use of mechanical energy to perform useful work, analysis of structures and motion in mechanical systems, and conversion of raw materials into a final product, etc. (e.g., thermodynamics, mechanics, fluid mechanics, jets, rocket engines, internal combustion engines, steam and gas turbines, continuum mechanics, dynamic systems, dynamics fluid mechanics, heat transfer, manufacturing, materials, solid mechanics, reactors, etc.).

Within the mechanical PED, there are several specialties within the scope of this work. A partial listing follows:

Advanced Energy Systems
Applied Mechanics
Bioengineering
Dynamic Systems and Control
Fluids Engineering
Fuels and Combustion Technologies
Internal Combustion Engineering
Management
Materials
Microchannel Flow and Heat Transfer
Non-Destructive Evaluation Engineering
Ocean Engineering
Power
Process Industries
Safety Engineering and Risk Analysis
Technology and Society
Tribology

Aerospace Engineering
ASME K16-Heat Transfer
Design/Specification-Associated Personal Property
Electrical and Electronic Packaging
Fluids Power Systems and Technology Systems
Heat Transfer
International Gas Turbine
Manufacturing Engineering
Materials Handling Engineering
Noise Control and Acoustics
Nuclear Engineering
Offshore Mechanics and Arctic Engineering
Pressure Vessels and Piping
Rail Transportation
Solar Energy
Textile Engineering

II.2.3 **Types of Engineering Services**

The following listing represents a sampling of the types of engineering services **SYTRONICS** will provide under this contract. Additional services may be added to this list as required to meet the needs of our clients.

The following non-inclusive list represents a sampling of the types of engineering tasks contemplated:

Acquisition and Life Cycle Management
Assessment Support
Computer-Aided Engineering (CAE)
Concept Development
Demonstration and Validation
Documentation and Information Dissemination
Economic/Business Case Analysis
Environmental Control for Electrical Units (e.g., Cooling Units)
Independent Verification and Validation (IV&V)
Instrumentation
Investigative Engineering Service
Logistics
Migration Strategy
Operations Research (Non-R&D)
Privatization
Prototype Development and First Article(s) Production
Regulatory Compliance Support
Reverse Engineering
Simulation and Modeling

Analysis of Program Goals, Mission, Objectives, Performance
Computer-Aided Design (CAD)
Computer-Aided Management (CAM)
D&D (Decontamination And Decommissioning)
Design/Specifications of an Engineering Nature not Associated with Real Property
Economic Impact Evaluations
Education/Writing
Forensic Engineering
Information Services (Studies, Impact Statements, Program Development, Project Documentation, Data Collection, Data Analysis/Evaluation, etc.)
Integration
Life Cycle Costing
Long-term Reliability and Maintainability
National Academy of Sciences Studies
Plan, Organize, Establish, Implement, Manage, Maintain, Upgrade, and Control of Technical Systems
Program and Project Management

<i>Source Data Development (Forward Engineering Hardware and Software Systems)</i>	<i>Radar/Sonar</i>
<i>Source Data Validation (Existing Hardware and Software Systems)</i>	<i>Reliability and Maintainability Analysis</i>
<i>Statistical Analysis</i>	<i>Signal Processing</i>
<i>Systems Engineering Database Development, Maintenance, and Analysis</i>	<i>Special Projects and Studies</i>
<i>Technical Analysis</i>	<i>Support Services</i>
	<i>T&E (Test and Evaluation) of Products and Systems</i>
	<i>Technical Writing/Editorial Support</i>
	<i>Technical and Management Support</i>

Personnel categories anticipated for professional engineering services or in support of those services include, but are not limited to:

<i>Administrative</i>	<i>Biologists</i>
<i>Chemists</i>	<i>Consultants</i>
<i>Documentation Specialists</i>	<i>Economists</i>
<i>Engineering Analysts</i>	<i>Engineers</i>
<i>Information Specialists</i>	<i>Logistics Engineers and Technical Specialists</i>
<i>Material Management Engineers and Technical Specialists</i>	<i>Mathematicians</i>
<i>Naval Architects</i>	<i>Operations Research Specialists</i>
<i>Physicists</i>	<i>Project/Program Analysts/Leaders/Managers</i>
<i>Quality Control Specialists</i>	<i>Scientists</i>
<i>Statisticians</i>	<i>Support</i>
<i>Technical Analysts</i>	<i>Technicians</i>
<i>Trainers</i>	<i>Writers</i>

II.2.4 Outsourcing or Privatization of Professional Services

Task Orders may be issued for complete outsourcing or privatization of a single task or any portion of an agency's operations within the scope of the contract. Under this type of an order, the contractor could be expected to provide a wide range of functions including administrative, management, and technical. The contractor would be responsible for overall operations including developing a management structure to properly provide the full range of required services; planning, management, direction, and supervision of the work activities involved and the personnel performing them; any facilities and/or equipment provided by the Government, including the management of facilities and equipment in accordance with the provisions and/or regulations specified in the task order. The individual ordering agency will be responsible for assuring that pertinent Governmental guidelines (e.g., OMB Circular A-76) are followed in deciding to use the outsourcing or privatization portion of this schedule.

III LABOR RATES

III.1. Contractor Site Base Period Hourly Rates

CONTRACTOR SITE						
LC#	Labor Category	BASE PERIOD HOURLY RATES				
		Year 1 7/20/05 - 7/19/06	Year 2 7/20/06 - 7/19/07	Year 3 7/20/07 - 7/19/08	Year 4 7/20/08 - 7/19/09	Year 5 7/20/09 - 7/19/10
ENG001	Accountable Equipment Spec.					
ENG002	Administrative Aide					
ENG003	Administrative Specialist I					
ENG004	Administrative Specialist II					
ENG005	Administrative Specialist III					
ENG006	Administrative Specialist IV					
ENG007	Financial Analyst					
ENG008	Buyer					
ENG009	Contracts Administrator II					
ENG010	Contracts Manager					
ENG011	Electronics Engineer I					
ENG012	Electronics Engineer II					
ENG013	Electronics Engineer III					
ENG014	Electronics Engineer IV					
ENG015	Electronics Technician I					
ENG016	Electronics Technician II					
ENG017	Electronic Technician III					
ENG018	Electronics Technician IV					
ENG019	Engineer I					
ENG020	Engineer II					
ENG021	Human Factors Engineer I					
ENG022	Human Factors Engineer II					
ENG023	Human Factors Psychologist I					
ENG024	Human Factors Psychologist II					
ENG025	Human Factors Psychologist III					
ENG026	Jr. Software Engineer I					
ENG027	Jr. Software Engineer II					
ENG028	Mechanical Draftsman					
ENG029	Network Technician					
ENG030	Program Analyst					
ENG031	Program Electronics Technician					
ENG032	Program Graphics Designer					
ENG033	Program Manager I					
ENG034	Program Manager II					
ENG035	Program Manager III					

**CONTACT SYTRONICS TO
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CONTRACTOR SITE						
LC#	Labor Category	BASE PERIOD HOURLY RATES				
		Year 1 7/20/05 - 7/19/06	Year 2 7/20/06 - 7/19/07	Year 3 7/20/07 - 7/19/08	Year 4 7/20/08 - 7/19/09	Year 5 7/20/09 - 7/19/10
ENG036	Program Manager IV	CONTACT SYTRONICS TO OBTAIN A COPY OF THE MOST CURRENT RATES				
ENG037	Project Coordinator					
ENG038	Quality Assurance Manager					
ENG039	Research Subject Associate I					
ENG040	Research Subject Associate II					
ENG041	Software Engineer I					
ENG042	Software Engineer II					
ENG043	Software Engineer III					
ENG044	Software Engineer IV					
ENG045	Sr. Administrative Specialist					
ENG046	Sr. Computer Engineer					
ENG047	Sr. Engineer I					
ENG048	Sr. Engineer II					
ENG049	Sr. Engineer III					
ENG050	Sr. Hardware/Software Engineer					
ENG051	Sr. Human Factors Engineer					
ENG052	Sr. Human Factors Psychologist					
ENG053	Sr. Program Manager I					
ENG054	Sr. Program Manager II					
ENG055	Sr. Software Engineer I					
ENG056	Sr. Software Engineer II					
ENG057	Sr. Software Engineer III					
ENG058	Sr. Systems Engineer					
ENG059	Systems Engineer I					

(ALL RATES INCLUDE 0.75% INDUSTRIAL FUNDING FEE)

III.2. Contractor Site Period I Hourly Rates

CONTRACTOR SITE						
LC#	Labor Category	OPTION PERIOD I HOURLY RATES				
		Year 6 7/20/10 - 7/19/11	Year 7 7/20/11 - 7/19/12	Year 8 7/20/12 - 7/19/13	Year 9 7/20/13 - 7/19/14	Year 10 7/20/14 - 7/19/15
ENG001	Accountable Equipment Spec.					
ENG002	Administrative Aide					
ENG003	Administrative Specialist I					
ENG004	Administrative Specialist II					
ENG005	Administrative Specialist III					
ENG006	Administrative Specialist IV					
ENG007	Financial Analyst					
ENG008	Buyer					
ENG009	Contracts Administrator II					
ENG010	Contracts Manager					
ENG011	Electronics Engineer I					
ENG012	Electronics Engineer II					
ENG013	Electronics Engineer III					
ENG014	Electronics Engineer IV					
ENG015	Electronics Technician I					
ENG016	Electronics Technician II					
ENG017	Electronic Technician III					
ENG018	Electronics Technician IV					
ENG019	Engineer I					
ENG020	Engineer II					
ENG021	Human Factors Engineer I					
ENG022	Human Factors Engineer II					
ENG023	Human Factors Psychologist I					
ENG024	Human Factors Psychologist II					
ENG025	Human Factors Psychologist III					
ENG026	Jr. Software Engineer I					
ENG027	Jr. Software Engineer II					
ENG028	Mechanical Draftsman					
ENG029	Network Technician					
ENG030	Program Analyst					
ENG031	Program Electronics Technician					
ENG032	Program Graphics Designer					
ENG033	Program Manager I					
ENG034	Program Manager II					
ENG035	Program Manager III					
ENG036	Program Manager IV					
ENG037	Project Coordinator					

**CONTACT SYTRONICS TO
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CONTRACTOR SITE						
LC#	Labor Category	OPTION PERIOD I HOURLY RATES				
		Year 6 7/20/10 - 7/19/11	Year 7 7/20/11 - 7/19/12	Year 8 7/20/12 - 7/19/13	Year 9 7/20/13 - 7/19/14	Year 10 7/20/14 - 7/19/15
ENG038	Quality Assurance Manager	CONTACT SYTRONICS TO OBTAIN A COPY OF THE MOST CURRENT RATES				
ENG039	Research Subject Associate I					
ENG040	Research Subject Associate II					
ENG041	Software Engineer I					
ENG042	Software Engineer II					
ENG043	Software Engineer III					
ENG044	Software Engineer IV					
ENG045	Sr. Administrative Specialist					
ENG046	Sr. Computer Engineer					
ENG047	Sr. Engineer I					
ENG048	Sr. Engineer II					
ENG049	Sr. Engineer III					
ENG050	Sr. Hardware/Software Engineer					
ENG051	Sr. Human Factors Engineer					
ENG052	Sr. Human Factors Psychologist					
ENG053	Sr. Program Manager I					
ENG054	Sr. Program Manager II					
ENG055	Sr. Software Engineer I					
ENG056	Sr. Software Engineer II					
ENG057	Sr. Software Engineer III					
ENG058	Sr. Systems Engineer					
ENG059	Systems Engineer I					

(ALL RATES INCLUDE 0.75% INDUSTRIAL FUNDING FEE)

III.3. Contractor Site Period II Hourly Rates

CONTRACTOR SITE						
LC#	Labor Category	OPTION PERIOD II HOURLY RATES				
		Year 11 7/20/15 - 7/19/16	Year 12 7/20/16 - 7/19/17	Year 13 7/20/17 - 7/19/18	Year 14 7/20/18 - 7/19/19	Year 15 7/20/19 - 7/19/20
ENG001	Accountable Equipment Spec.					
ENG002	Administrative Aide					
ENG003	Administrative Specialist I					
ENG004	Administrative Specialist II					
ENG005	Administrative Specialist III					
ENG006	Administrative Specialist IV					
ENG007	Financial Analyst					
ENG008	Buyer					
ENG009	Contracts Administrator II					
ENG010	Contracts Manager					
ENG011	Electronics Engineer I					
ENG012	Electronics Engineer II					
ENG013	Electronics Engineer III					
ENG014	Electronics Engineer IV					
ENG015	Electronics Technician I					
ENG016	Electronics Technician II					
ENG017	Electronic Technician III					
ENG018	Electronics Technician IV					
ENG019	Engineer I					
ENG020	Engineer II					
ENG021	Human Factors Engineer I					
ENG022	Human Factors Engineer II					
ENG023	Human Factors Psychologist I					
ENG024	Human Factors Psychologist II					
ENG025	Human Factors Psychologist III					
ENG026	Jr. Software Engineer I					
ENG027	Jr. Software Engineer II					
ENG028	Mechanical Draftsman					
ENG029	Network Technician					
ENG030	Program Analyst					
ENG031	Program Electronics Technician					
ENG032	Program Graphics Designer					
ENG033	Program Manager I					
ENG034	Program Manager II					
ENG035	Program Manager III					
ENG036	Program Manager IV					
ENG037	Project Coordinator					

**CONTACT SYTRONICS TO
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CONTRACTOR SITE						
LC#	Labor Category	OPTION PERIOD II HOURLY RATES				
		Year 11 7/20/15 - 7/19/16	Year 12 7/20/16 - 7/19/17	Year 13 7/20/17 - 7/19/18	Year 14 7/20/18 - 7/19/19	Year 15 7/20/19 - 7/19/20
ENG038	Quality Assurance Manager	CONTACT SYTRONICS TO OBTAIN A COPY OF THE MOST CURRENT RATES				
ENG039	Research Subject Associate I					
ENG040	Research Subject Associate II					
ENG041	Software Engineer I					
ENG042	Software Engineer II					
ENG043	Software Engineer III					
ENG044	Software Engineer IV					
ENG045	Sr. Administrative Specialist					
ENG046	Sr. Computer Engineer					
ENG047	Sr. Engineer I					
ENG048	Sr. Engineer II					
ENG049	Sr. Engineer III					
ENG050	Sr. Hardware/Software Engineer					
ENG051	Sr. Human Factors Engineer					
ENG052	Sr. Human Factors Psychologist					
ENG053	Sr. Program Manager I					
ENG054	Sr. Program Manager II					
ENG055	Sr. Software Engineer I					
ENG056	Sr. Software Engineer II					
ENG057	Sr. Software Engineer III					
ENG058	Sr. Systems Engineer					
ENG059	Systems Engineer I					

(ALL RATES INCLUDE 0.75% INDUSTRIAL FUNDING FEE)

III.4. Contractor Site Period III Hourly Rates

CONTRACTOR SITE						
LC#	Labor Category	OPTION PERIOD III HOURLY RATES				
		Year 16 7/20/20 - 7/19/21	Year 17 7/20/21 - 7/19/22	Year 18 7/20/22 - 7/19/23	Year 19 7/20/23 - 7/19/24	Year 20 7/20/24 - 7/19/25
ENG001	Accountable Equipment Spec.					
ENG002	Administrative Aide					
ENG003	Administrative Specialist I					
ENG004	Administrative Specialist II					
ENG005	Administrative Specialist III					
ENG006	Administrative Specialist IV					
ENG007	Financial Analyst					
ENG008	Buyer					
ENG009	Contracts Administrator II					
ENG010	Contracts Manager					
ENG011	Electronics Engineer I					
ENG012	Electronics Engineer II					
ENG013	Electronics Engineer III					
ENG014	Electronics Engineer IV					
ENG015	Electronics Technician I					
ENG016	Electronics Technician II					
ENG017	Electronic Technician III					
ENG018	Electronics Technician IV					
ENG019	Engineer I					
ENG020	Engineer II					
ENG021	Human Factors Engineer I					
ENG022	Human Factors Engineer II					
ENG023	Human Factors Psychologist I					
ENG024	Human Factors Psychologist II					
ENG025	Human Factors Psychologist III					
ENG026	Jr. Software Engineer I					
ENG027	Jr. Software Engineer II					
ENG028	Mechanical Draftsman					
ENG029	Network Technician					
ENG030	Program Analyst					
ENG031	Program Electronics Technician					
ENG032	Program Graphics Designer					
ENG033	Program Manager I					
ENG034	Program Manager II					
ENG035	Program Manager III					
ENG036	Program Manager IV					
ENG037	Project Coordinator					

**CONTACT SYTRONICS TO
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CONTRACTOR SITE						
LC#	Labor Category	OPTION PERIOD III HOURLY RATES				
		Year 16 7/20/20 - 7/19/21	Year 17 7/20/21 - 7/19/22	Year 18 7/20/22 - 7/19/23	Year 19 7/20/23 - 7/19/24	Year 20 7/20/24 - 7/19/25
ENG038	Quality Assurance Manager	CONTACT SYTRONICS TO OBTAIN A COPY OF THE MOST CURRENT RATES				
ENG039	Research Subject Associate I					
ENG040	Research Subject Associate II					
ENG041	Software Engineer I					
ENG042	Software Engineer II					
ENG043	Software Engineer III					
ENG044	Software Engineer IV					
ENG045	Sr. Administrative Specialist					
ENG046	Sr. Computer Engineer					
ENG047	Sr. Engineer I					
ENG048	Sr. Engineer II					
ENG049	Sr. Engineer III					
ENG050	Sr. Hardware/Software Engineer					
ENG051	Sr. Human Factors Engineer					
ENG052	Sr. Human Factors Psychologist					
ENG053	Sr. Program Manager I					
ENG054	Sr. Program Manager II					
ENG055	Sr. Software Engineer I					
ENG056	Sr. Software Engineer II					
ENG057	Sr. Software Engineer III					
ENG058	Sr. Systems Engineer					
ENG059	Systems Engineer I					

(ALL RATES INCLUDE 0.75% INDUSTRIAL FUNDING FEE)

III.5. Government Site Base Period Hourly Rates

GOVERNMENT SITE						
LC#	Labor Category	BASE PERIOD HOURLY RATES				
		Year 1	Year 2	Year 3	Year 4	Year 5
		7/20/05 - 7/19/06	7/20/06 - 7/19/07	7/20/07 - 7/19/08	7/20/08 - 7/19/09	7/20/09 - 7/19/10
ENG001	Accountable Equipment Spec.					
ENG002	Administrative Aide					
ENG003	Administrative Specialist I					
ENG004	Administrative Specialist II					
ENG005	Administrative Specialist III					
ENG006	Administrative Specialist IV					
ENG007	Financial Analyst					
ENG008	Buyer					
ENG009	Contracts Administrator II					
ENG010	Contracts Manager					
ENG011	Electronics Engineer I					
ENG012	Electronics Engineer II					
ENG013	Electronics Engineer III					
ENG014	Electronics Engineer IV					
ENG015	Electronics Technician I					
ENG016	Electronics Technician II					
ENG017	Electronic Technician III					
ENG018	Electronics Technician IV					
ENG019	Engineer I					
ENG020	Engineer II					
ENG021	Human Factors Engineer I					
ENG022	Human Factors Engineer II					
ENG023	Human Factors Psychologist I					
ENG024	Human Factors Psychologist II					
ENG025	Human Factors Psychologist III					
ENG026	Jr. Software Engineer I					
ENG027	Jr. Software Engineer II					
ENG028	Mechanical Draftsman					
ENG029	Network Technician					
ENG030	Program Analyst					
ENG031	Program Electronics Technician					
ENG032	Program Graphics Designer					
ENG033	Program Manager I					
ENG034	Program Manager II					
ENG035	Program Manager III					
ENG036	Program Manager IV					
ENG037	Project Coordinator					

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GOVERNMENT SITE						
LC#	Labor Category	BASE PERIOD HOURLY RATES				
		Year 1	Year 2	Year 3	Year 4	Year 5
		7/20/05 - 7/19/06	7/20/06 - 7/19/07	7/20/07 - 7/19/08	7/20/08 - 7/19/09	7/20/09 - 7/19/10
ENG038	Quality Assurance Manager	CONTACT SYTRONICS TO OBTAIN A COPY OF THE MOST CURRENT RATES				
ENG039	Research Subject Associate I					
ENG040	Research Subject Associate II					
ENG041	Software Engineer I					
ENG042	Software Engineer II					
ENG043	Software Engineer III					
ENG044	Software Engineer IV					
ENG045	Sr. Administrative Specialist					
ENG046	Sr. Computer Engineer					
ENG047	Sr. Engineer I					
ENG048	Sr. Engineer II					
ENG049	Sr. Engineer III					
ENG050	Sr. Hardware/Software Engineer					
ENG051	Sr. Human Factors Engineer					
ENG052	Sr. Human Factors Psychologist					
ENG053	Sr. Program Manager I					
ENG054	Sr. Program Manager II					
ENG055	Sr. Software Engineer I					
ENG056	Sr. Software Engineer II					
ENG057	Sr. Software Engineer III					
ENG058	Sr. Systems Engineer					
ENG059	Systems Engineer I					

(ALL RATES INCLUDE 0.75% INDUSTRIAL FUNDING FEE)

III.6. Government Site Period I Hourly Rates

GOVERNMENT SITE						
LC#	Labor Category	OPTION PERIOD I HOURLY RATES				
		Year 6	Year 7	Year 8	Year 9	Year 10
		7/20/10 - 7/19/11	7/20/11 - 7/19/12	7/20/12 - 7/19/13	7/20/13 - 7/19/14	7/20/14 - 7/19/15
ENG001	Accountable Equipment Spec.					
ENG002	Administrative Aide					
ENG003	Administrative Specialist I					
ENG004	Administrative Specialist II					
ENG005	Administrative Specialist III					
ENG006	Administrative Specialist IV					
ENG007	Financial Analyst					
ENG008	Buyer					
ENG009	Contracts Administrator II					
ENG010	Contracts Manager					
ENG011	Electronics Engineer I					
ENG012	Electronics Engineer II					
ENG013	Electronics Engineer III					
ENG014	Electronics Engineer IV					
ENG015	Electronics Technician I					
ENG016	Electronics Technician II					
ENG017	Electronic Technician III					
ENG018	Electronics Technician IV					
ENG019	Engineer I					
ENG020	Engineer II					
ENG021	Human Factors Engineer I					
ENG022	Human Factors Engineer II					
ENG023	Human Factors Psychologist I					
ENG024	Human Factors Psychologist II					
ENG025	Human Factors Psychologist III					
ENG026	Jr. Software Engineer I					
ENG027	Jr. Software Engineer II					
ENG028	Mechanical Draftsman					
ENG029	Network Technician					
ENG030	Program Analyst					
ENG031	Program Electronics Technician					
ENG032	Program Graphics Designer					
ENG033	Program Manager I					
ENG034	Program Manager II					
ENG035	Program Manager III					
ENG036	Program Manager IV					
ENG037	Project Coordinator					

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GOVERNMENT SITE						
LC#	Labor Category	OPTION PERIOD I HOURLY RATES				
		Year 6	Year 7	Year 8	Year 9	Year 10
		7/20/10 - 7/19/11	7/20/11 - 7/19/12	7/20/12 - 7/19/13	7/20/13 - 7/19/14	7/20/14 - 7/19/15
ENG038	Quality Assurance Manager	CONTACT SYTRONICS TO OBTAIN A COPY OF THE MOST CURRENT RATES				
ENG039	Research Subject Associate I					
ENG040	Research Subject Associate II					
ENG041	Software Engineer I					
ENG042	Software Engineer II					
ENG043	Software Engineer III					
ENG044	Software Engineer IV					
ENG045	Sr. Administrative Specialist					
ENG046	Sr. Computer Engineer					
ENG047	Sr. Engineer I					
ENG048	Sr. Engineer II					
ENG049	Sr. Engineer III					
ENG050	Sr. Hardware/Software Engineer					
ENG051	Sr. Human Factors Engineer					
ENG052	Sr. Human Factors Psychologist					
ENG053	Sr. Program Manager I					
ENG054	Sr. Program Manager II					
ENG055	Sr. Software Engineer I					
ENG056	Sr. Software Engineer II					
ENG057	Sr. Software Engineer III					
ENG058	Sr. Systems Engineer					
ENG059	Systems Engineer I					

(ALL RATES INCLUDE 0.75% INDUSTRIAL FUNDING FEE)

III.7. Government Site Period II Hourly Rates

GOVERNMENT SITE						
LC#	Labor Category	OPTION PERIOD II HOURLY RATES				
		Year 1	Year 2	Year 3	Year 4	Year 5
		7/20/15 - 7/19/16	7/20/16 - 7/19/17	7/20/17 - 7/19/18	7/20/18 - 7/19/19	7/20/19 - 7/19/20
ENG001	Accountable Equipment Spec.					
ENG002	Administrative Aide					
ENG003	Administrative Specialist I					
ENG004	Administrative Specialist II					
ENG005	Administrative Specialist III					
ENG006	Administrative Specialist IV					
ENG007	Financial Analyst					
ENG008	Buyer					
ENG009	Contracts Administrator II					
ENG010	Contracts Manager					
ENG011	Electronics Engineer I					
ENG012	Electronics Engineer II					
ENG013	Electronics Engineer III					
ENG014	Electronics Engineer IV					
ENG015	Electronics Technician I					
ENG016	Electronics Technician II					
ENG017	Electronic Technician III					
ENG018	Electronics Technician IV					
ENG019	Engineer I					
ENG020	Engineer II					
ENG021	Human Factors Engineer I					
ENG022	Human Factors Engineer II					
ENG023	Human Factors Psychologist I					
ENG024	Human Factors Psychologist II					
ENG025	Human Factors Psychologist III					
ENG026	Jr. Software Engineer I					
ENG027	Jr. Software Engineer II					
ENG028	Mechanical Draftsman					
ENG029	Network Technician					
ENG030	Program Analyst					
ENG031	Program Electronics Technician					
ENG032	Program Graphics Designer					
ENG033	Program Manager I					
ENG034	Program Manager II					
ENG035	Program Manager III					
ENG036	Program Manager IV					
ENG037	Project Coordinator					

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GOVERNMENT SITE						
LC#	Labor Category	OPTION PERIOD II HOURLY RATES				
		Year 1	Year 2	Year 3	Year 4	Year 5
		7/20/15 - 7/19/16	7/20/16 - 7/19/17	7/20/17 - 7/19/18	7/20/18 - 7/19/19	7/20/19 - 7/19/20
ENG038	Quality Assurance Manager	<p>CONTACT SYTRONICS TO OBTAIN A COPY OF THE MOST CURRENT RATES</p>				
ENG039	Research Subject Associate I					
ENG040	Research Subject Associate II					
ENG041	Software Engineer I					
ENG042	Software Engineer II					
ENG043	Software Engineer III					
ENG044	Software Engineer IV					
ENG045	Sr. Administrative Specialist					
ENG046	Sr. Computer Engineer					
ENG047	Sr. Engineer I					
ENG048	Sr. Engineer II					
ENG049	Sr. Engineer III					
ENG050	Sr. Hardware/Software Engineer					
ENG051	Sr. Human Factors Engineer					
ENG052	Sr. Human Factors Psychologist					
ENG053	Sr. Program Manager I					
ENG054	Sr. Program Manager II					
ENG055	Sr. Software Engineer I					
ENG056	Sr. Software Engineer II					
ENG057	Sr. Software Engineer III					
ENG058	Sr. Systems Engineer					
ENG059	Systems Engineer I					

(ALL RATES INCLUDE 0.75% INDUSTRIAL FUNDING FEE)

III.8. Government Site Period III Hourly Rates

GOVERNMENT SITE						
LC#	Labor Category	OPTION III PERIOD HOURLY RATES				
		Year 16	Year 17	Year 18	Year 19	Year 20
		7/20/20 - 7/19/21	7/20/21 - 7/19/22	7/20/22 - 7/19/23	7/20/23 - 7/19/24	7/20/24 - 7/19/25
ENG001	Accountable Equipment Spec.					
ENG002	Administrative Aide					
ENG003	Administrative Specialist I					
ENG004	Administrative Specialist II					
ENG005	Administrative Specialist III					
ENG006	Administrative Specialist IV					
ENG007	Financial Analyst					
ENG008	Buyer					
ENG009	Contracts Administrator II					
ENG010	Contracts Manager					
ENG011	Electronics Engineer I					
ENG012	Electronics Engineer II					
ENG013	Electronics Engineer III					
ENG014	Electronics Engineer IV					
ENG015	Electronics Technician I					
ENG016	Electronics Technician II					
ENG017	Electronic Technician III					
ENG018	Electronics Technician IV					
ENG019	Engineer I					
ENG020	Engineer II					
ENG021	Human Factors Engineer I					
ENG022	Human Factors Engineer II					
ENG023	Human Factors Psychologist I					
ENG024	Human Factors Psychologist II					
ENG025	Human Factors Psychologist III					
ENG026	Jr. Software Engineer I					
ENG027	Jr. Software Engineer II					
ENG028	Mechanical Draftsman					
ENG029	Network Technician					
ENG030	Program Analyst					
ENG031	Program Electronics Technician					
ENG032	Program Graphics Designer					
ENG033	Program Manager I					
ENG034	Program Manager II					
ENG035	Program Manager III					
ENG036	Program Manager IV					
ENG037	Project Coordinator					

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GOVERNMENT SITE						
LC#	Labor Category	OPTION III PERIOD HOURLY RATES				
		Year 16	Year 17	Year 18	Year 19	Year 20
		7/20/20 - 7/19/21	7/20/21 - 7/19/22	7/20/22 - 7/19/23	7/20/23 - 7/19/24	7/20/24 - 7/19/25
ENG038	Quality Assurance Manager	CONTACT SYTRONICS TO OBTAIN A COPY OF THE MOST CURRENT RATES				
ENG039	Research Subject Associate I					
ENG040	Research Subject Associate II					
ENG041	Software Engineer I					
ENG042	Software Engineer II					
ENG043	Software Engineer III					
ENG044	Software Engineer IV					
ENG045	Sr. Administrative Specialist					
ENG046	Sr. Computer Engineer					
ENG047	Sr. Engineer I					
ENG048	Sr. Engineer II					
ENG049	Sr. Engineer III					
ENG050	Sr. Hardware/Software Engineer					
ENG051	Sr. Human Factors Engineer					
ENG052	Sr. Human Factors Psychologist					
ENG053	Sr. Program Manager I					
ENG054	Sr. Program Manager II					
ENG055	Sr. Software Engineer I					
ENG056	Sr. Software Engineer II					
ENG057	Sr. Software Engineer III					
ENG058	Sr. Systems Engineer					
ENG059	Systems Engineer I					

(ALL RATES INCLUDE 0.75% INDUSTRIAL FUNDING FEE)

IV. LABOR CATEGORY DESCRIPTIONS

SYTRONICS offers only the personnel who meet or exceed the minimum qualification requirements stated in the Labor Category Descriptions provided herein. *SYTRONICS* does allow experience to substitute for education requirements and education to substitute for experience. *SYTRONICS'* criteria for minimum experience substitution is as follows.

Education:

A college degree or BA/BS will equal two years of experience. A Master's Degree will equal four years of experience. A Doctorate will equal six years of experience.

Experience:

For every year of additional specific field experience, the individual is credited with two years of degree qualifications towards the value stated in the labor category description.

GSA and/or the ordering activities may have access to any *SYTRONICS* employee resume (by request) before, during, or after assignment of any GSA order. If for some extenuating reason a person assigned to an order must be replaced or substituted, the ordering activity will be notified in advance, in writing, and the substituting personnel will have equal or greater qualifications than specified in the labor category description of the departing employee.

COMMERCIAL JOB TITLE:

**ACCOUNTABLE EQUIPMENT SPECIALIST--
ENG001**

Minimum Education and Experience: High School Diploma with two years general experience.

Functional Responsibilities: Monitors all Government and contractor equipment purchases to ensure proper accountability of all equipment. Monitors laboratory equipment accountability and inventory tracking. Processes accountable equipment and ADPE transfer and turn-in paperwork. Identifies and turns in all excess and unusable equipment. Monitors and tracks all hazardous materials including inventory, storage, and turn-in.

COMMERCIAL JOB TITLE:

ADMINISTRATIVE AIDE -- ENG002

Minimum Education and Experience: High School Diploma with two years general experience.

Functional Responsibilities: Processes travel vouchers and advances. Compiles monthly project status reports and timesheet reports for program managers using accounting software. Files, copies, distributes contract modifications.

COMMERCIAL JOB TITLE: ADMINISTRATIVE SPECIALIST I -- ENG003

Minimum Education and Experience: High School Diploma. One year general office/project experience.

Functional Responsibilities: Greets and directs visitors; maintains visitor log and badges; maintains, updates, and distributes telephone list; prepares purchase requisitions; maintains daily incoming and outgoing mail; coordinates and prepares travel requests; maintains travel log database; maintains logs for laptops and cellular phones; maintains conference room schedules and Personal Time Off form requests. Provides administrative support as required to project personnel.

COMMERCIAL JOB TITLE: ADMINISTRATIVE SPECIALIST II -- ENG004

Minimum Education and Experience: High School Diploma. Two years general office and/or project experience.

Functional Responsibilities: Updates/maintains numerous project database accounts and acts as Management Information System Assistant Data Administrator. Prepares, marks, and packages deliverables for mail, patent secrecy orders, and reports required by program manager. Gathers information supplied by scientists and engineers and consolidates into technical/project report. Performs review on incoming scientific and technical reports to be printed/closed-out for contracts. Scans documents, updates publications, attends all video/teleconference meetings, and provides support to program manager.

COMMERCIAL JOB TITLE: ADMINISTRATIVE SPECIALIST III -- ENG005

Minimum Education and Experience: High School Diploma and three years general office administrative experience.

Functional Responsibilities: Performs a variety of secretarial and project administrative duties, such as preparing correspondence, reports, and memos, maintaining project/program computer-based and paper files, answering and screening telephone calls, and opening and distributing mail for a department or unit.

COMMERCIAL JOB TITLE: ADMINISTRATIVE SPECIALIST IV -- ENG006

Minimum Education and Experience: Associate's Degree of Applied Business in Executive Secretarial. Four years general experience.

Functional Responsibilities: Provides project administrative liaison and coordination with corporate Human Resources, Accounting, and Contracts Departments. Prepares proposals and reports as needed. Produces or maintains current documents, reports, statistical summaries, and correspondence. Proofreads finished materials for conformance with established standards and corrects errors.

COMMERCIAL JOB TITLE: FINANCIAL ANALYST -- ENG007

Minimum Education and Experience: Bachelor's Degree Accounting and Finance. Four years experience.

Functional Responsibilities: Processes project expense reports and invoices. Maintains all functions relating to project budgets, compiles cost proposals, and modifications, change requests, prepares and maintains financial status reporting to Government clientele. Minimal supervision required.

COMMERCIAL JOB TITLE: BUYER -- ENG008

Minimum Education and Experience: A High School Diploma plus one year of general work experience in any of the following areas: supply, inventory, material management, logistics, or shipping and receiving (Government or industry).

Functional Responsibilities: Under general supervision, is responsible for preparing and administering purchase requisitions, purchase orders, bills of lading, and purchasing reports. Tracks and reconciles through project invoicing/processing credits and refunds, and assists shipping/receiving department with material discrepancy reports and general inventory project reports.

COMMERCIAL JOB TITLE: CONTRACTS ADMINISTRATOR II -- ENG009

Minimum Education and Experience: An Associate's Degree or equivalent in Business, Finance, Management, or related discipline and two years general experience.

Functional Responsibilities: Maintains contract files, prepares contract reports for delivery, and briefs contract status and compliance to the Program Manager. Assists the Program Manager in

all matters involving contract administration to ensure the proper, timely, and consistent execution of contractual and delivery order requirements. Administers subcontracts and coordinates requirements with Program Manager.

COMMERCIAL JOB TITLE: CONTRACTS MANAGER -- ENG010

Minimum Education and Experience: A Bachelor's Degree or equivalent in Business, Finance, Management, or related discipline and four years general experience.

Functional Responsibilities: Directs all contract management and administrative activities. Responsible for the interaction between Program and Project Managers to administer the development of scheduled management and technical reports pertaining to all contracts, maintaining open communications with the Government CO, and ensuring that the contract is properly administered. Interacts and coordinates administrative requirements and activities directly with the Government CO and Program Manager. Briefs contract status to the President and Program Manager.

COMMERCIAL JOB TITLE: ELECTRONICS ENGINEER I -- ENG011

Minimum Education and Experience: Associate's Degree and one year related experience.

Functional Responsibilities: Provides support in development of projects for test stand upgrades. Support includes prototyping various electronic circuits and fabricates numerous electronic and mechanical assemblies. Works with design engineers and performs testing, design reviews, and component-level troubleshooting.

COMMERCIAL JOB TITLE: ELECTRONICS ENGINEER II -- ENG012

Minimum Education and Experience: Associate's Degree Electrical Engineering and two years related engineering experience.

Functional Responsibilities: Designs, programs, and performs experiments to learn the effects, limitations, and advantages of advanced display concepts and designs for programs.

COMMERCIAL JOB TITLE: ELECTRONICS ENGINEER III -- ENG013

Minimum Education and Experience: Bachelor's Degree Electro/Mechanical Technology and three years related experience.

Functional Responsibilities: Designs, layout, and installs hardware required for gas turbine and component test cells. Creates software programs in LabVIEW to access and extract data from

analog and digital engine controls. Prepares documentation used for presentations at customer critical design reviews.

COMMERCIAL JOB TITLE: ELECTRONICS ENGINEER IV -- ENG014

Minimum Education and Experience: Master's Degree Computer Engineering and four years related engineering experience.

Functional Responsibilities: Provides mechanical, electronic, and software design support to the Government. Designs, programs, and performs experiments to learn the effects, limitations, and advantages of advanced display concepts and designs for programs.

COMMERCIAL JOB TITLE: ELECTRONICS TECHNICIAN I -- ENG015

Minimum Education and Experience: High School Diploma and one year general experience.

Functional Responsibilities: Provides technician assistance on projects as assigned. Operates analytical or production equipment. Uses specialized knowledge and skills to control and/or interpret the process and results.

COMMERCIAL JOB TITLE: ELECTRONICS TECHNICIAN II -- ENG016

Minimum Education and Experience: Associate's Degree and two years general experience.

Functional Responsibilities: Provides technician assistance on Government projects as assigned. Operates analytical or production equipment. Uses specialized knowledge and skills to control and/or interpret the process and results.

COMMERCIAL JOB TITLE: ELECTRONICS TECHNICIAN III -- ENG017

Minimum Education and Experience: Associate's Degree Electronics and Computer and three years related experience.

Functional Responsibilities: Provides on-site technician assistance on Government projects. Operates analytical or production equipment. Uses specialized knowledge and skills to control and/or interpret the process and results.

COMMERCIAL JOB TITLE: ELECTRONICS TECHNICIAN IV -- ENG018

Minimum Education and Experience: Associate's Degree Electrical Engineering Technology and four years related electrical engineering experience.

Functional Responsibilities: Refits and installs test stands. Constructs and assembles terminal blocks, connectors, relays, and assorted panels. Disassembles and relocates test cells. Troubleshoots monitors.

COMMERCIAL JOB TITLE: ENGINEER I -- ENG019

Minimum Education and Experience: Associate's Degree Electrical Engineering and two years related engineering experience.

Functional Responsibilities: Provides hardware support to Government laboratories. Support includes video projection systems, HMDs, control interfaces, electro hydraulic, electro optical, and electro magnetic systems.

COMMERCIAL JOB TITLE: ENGINEER II -- ENG020

Minimum Education and Experience: Bachelor's Degree Electronic Engineering Technology and four years electronic engineering experience.

Functional Responsibilities: Provides design engineering support and project management for the Government. Performs electrical and mechanical design, fabrication, and maintenance in support of laboratories.

COMMERCIAL JOB TITLE: HUMAN FACTORS ENGINEER I -- ENG021

Minimum Education and Experience: Bachelor's Degree Experimental Psychology and two years related experience.

Functional Responsibilities: Test subjects using various displays, display formats, and several input devices in a mobile command and control environment. Research and test with data preparation, library, and WWW searches.

COMMERCIAL JOB TITLE: HUMAN FACTORS ENGINEER II -- ENG022

Minimum Education and Experience: Master's Degree Human Factors Engineering and four years experience.

Functional Responsibilities: Researches, analyzes, designs, implements, and evaluates interface technologies.

COMMERCIAL JOB TITLE: HUMAN FACTORS PSYCHOLOGIST I -- ENG023

Minimum Education and Experience: Bachelor's Degree Human Factors Experimental Psychology and two years general experience.

Functional Responsibilities: Provides technical support in the conduct of studies related to human interface, travels and participates in technical interchange meetings, and documents technical progress and procedures.

COMMERCIAL JOB TITLE: HUMAN FACTORS PSYCHOLOGIST II -- ENG024

Minimum Education and Experience: Bachelor's Degree Experimental Psychology and four years related experience.

Functional Responsibilities: Formulates basic theories of studies, writes programs to conduct the studies, conducts studies with human subjects, and finalizes studies by collecting data and writing final reports.

COMMERCIAL JOB TITLE: HUMAN FACTORS PSYCHOLOGIST III -- ENG025

Minimum Education and Experience: Bachelor's Degree Human Factors Psychology and six years related experience.

Functional Responsibilities: Performs experimental background research, on-line literature searches, experimental set-up, test stimuli generation, trained observer testing, data collection, reduction, analysis, technical writing, and feedback to customer from evaluations. Maintains a laboratory library.

COMMERCIAL JOB TITLE: JR. SOFTWARE ENGINEER I -- ENG026

Minimum Education and Experience: Bachelor's Degree in Computer Science and one year related experience.

Functional Responsibilities: Performs research and recommends approaches to engineering problems and methods and resolves important technical questions through the use of advanced techniques and the extension or modification of standard practices. Conducts analysis and evaluation or design of unique and complex tasks through the development of new or improved methods and procedures. Accomplishes assignments by defining requirements, developing criteria, searching for information, developing concepts, coordinating intra- or inter-disciplinary interfaces, and controlling allocated resources.

COMMERCIAL JOB TITLE: JR. SOFTWARE ENGINEER II -- ENG027

Minimum Education and Experience: Bachelor's Degree in related field and two years related experience.

Functional Responsibilities: Independently makes decisions on engineering problems and methods and resolves important technical questions through the use of advanced techniques and the extension or modification of standard practices. Conducts analysis and evaluation or design of unique and complex tasks through the development of new or improved methods and procedures. Accomplishes assignments by defining requirements, developing criteria, searching for information, developing concepts, coordinating intra- or inter-disciplinary interfaces, and controlling allocated resources. Applies software, hardware, and standard information technology knowledge in analysis, specification, development, integration, and acquisition of information and network systems. Evaluates and recommends COTS application and system software.

COMMERCIAL JOB TITLE: MECHANICAL DRAFTSMAN -- ENG028

Minimum Education and Experience: Associate's Degree in Mechanical Drawing, Computer-Aided Design, Computer Graphics, or a related discipline and two years related experience.

Functional Responsibilities: Develops engineering drawings using computer-based drawing packages such as Aptitude, AutoCAD, and VersaCAD. Develops engineering drawings for site plans, electrical interconnects, and mechanical plans for specialized hardware. Provides daily supervision and technical guidance to drafting staff.

COMMERCIAL JOB TITLE: NETWORK TECHNICIAN -- ENG029

Minimum Education and Experience: Associate's Degree in related field and/or appropriate network certification and two years related experience.

Functional Responsibilities: Performs network administrator responsibilities. Maintains the NetWare server, LINUX server, and Windows 95/98/NT workstations. Performs a variety of network engineering tasks, including planning, research, and design which are broad in nature and are concerned with the design and implementation of integrated networks support facilities and/or equipment.

COMMERCIAL JOB TITLE: PROGRAM ANALYST -- ENG030

Minimum Education and Experience: Bachelor's Degree Computer Science and two years related experience.

Functional Responsibilities: Provides lead design, implementation, and installation of a LabVIEW software upgrade for Government projects. Provides real-time communications with existing test stand components. Provides software support for programs to include features such as real-time plots, embedding networking, and remote system monitoring. Develops Touch Panel software that allows for total user definition of switch configuration, colors, position, and size.

COMMERCIAL JOB TITLE: PROGRAM ELECTRONICS TECHNICIAN -- ENG031

Minimum Education and Experience: Associate's Degree Electronic Engineering Technology and two years related experience.

Functional Responsibilities: Supervises Manufacturing Laboratory and Stockroom, assembly of printed circuit board assemblies, complex cable assemblies, mechanical assemblies, and electronic circuit troubleshooting. Assembles engine test equipment in-house, as well as off-site installation of engine test cells.

COMMERCIAL JOB TITLE: PROGRAM GRAPHICS DESIGNER -- ENG032

Minimum Education and Experience: High School Diploma and two years related experience.

Functional Responsibilities: Manages Multi-Media Shop. Produces presentations and marketing materials for Government projects. Two-dimensional and three-dimensional graphic

design, computer animation, graphics supervisor, trainer for all graphic software, and management production.

COMMERCIAL JOB TITLE: PROGRAM MANAGER I -- ENG033

Minimum Education and Experience: High School Diploma with at least two years of management experience.

Functional Responsibilities: Serves as single manager responsible for interfacing with the ordering agency contracting, management, and/or technical representatives. Leads a team in the accomplishment of work on projects. Formulates and enforces work standards, assigns contractor schedules, reviews work discrepancies, supervises contractor personnel, and communicates policies, purposes, and goals of the organization to subordinates. Ensures that facilities, training, and supplies are available for all employees. Has full responsibility for all personnel assigned to the project team.

COMMERCIAL JOB TITLE: PROGRAM MANAGER II -- ENG034

Minimum Education and Experience: Associate's Degree with at least four years of management experience.

Functional Responsibilities: Serves as single manager responsible for interfacing with the ordering agency contracting, management, and/or technical representatives. Leads a team in the accomplishment of work on projects. Formulates and enforces work standards, assigns contractor schedules, reviews work discrepancies, supervises contractor personnel, and communicates policies, purposes, and goals of the organization to subordinates. Ensures that facilities, training, and supplies are available for all employees. Has full responsibility for all personnel assigned to the project team.

COMMERCIAL JOB TITLE: PROGRAM MANAGER III -- ENG035

Minimum Education and Experience: Bachelor's Degree with at least six years of management experience.

Functional Responsibilities: Manages program costs, schedule, and technical progress. Manages major subcontractors in all aspects of program execution from subcontract award to final delivery including large company suppliers. Supervises technical staff of engineers both directly and as matrixed assets as well as interface daily with functional leads in contracts, accounting, quality assurance, and configuration management. Responsible for all technical aspects of program execution including process design and implementation, configuration management, quality assurance, risk management, subcontractor management, hardware and software development, technical specifications and documentation, as well as incorporating

producibility, affordability, and reliability into program products. Develop program documentation. Primary customer interface for development of technical specifications and translating operational requirements into design, development, and fabrication specifications for both hardware and software requirements. Presents formal program reviews and prepares customer reports as needed for program status and key decision points.

COMMERCIAL JOB TITLE: PROGRAM MANAGER IV -- ENG036

Minimum Education and Experience: Master's Degree and eight years related experience.

Functional Responsibilities: Director of programs. Provides program management, program requirement evaluation, and development of comprehensive Program Plans that include human resource requirements, schedule, budget, deliverables, and quality actions. Manages day-to-day activities involved with the engineering planning, design, development, installation, integration, and testing. Provides management direction to engineering and support personnel as required to meet the needs specific to the individual program. Responsible for interfacing with customers to coordinate program activities and key engineering decisions to assure program requirements are met to the satisfaction of the customer. Acts as the company focal point for customer interaction regarding program-related issues.

COMMERCIAL JOB TITLE: PROJECT COORDINATOR -- ENG037

Minimum Education and Experience: High School Diploma and two years of related work experience in communications, purchasing, supply, inventory, material management, logistics, and shipping and receiving (Government or industry).

Functional Responsibilities: Under general supervision, is responsible for assisting program and project managers in all aspects of project activity. Assists accounting department in obtaining credits and refunds. Assists shipping/receiving department with material discrepancy reports and general inventory project reports. Assists purchasing department in preparing purchase orders, bills of lading, and purchasing reports. Assists program and project managers in preparing purchase requisitions and obtaining vendor quotes. Acts as a facilitator for organization and personnel to include strategic planning, reorganizing, and communicating with inter- and intra-organizational personnel.

COMMERCIAL JOB TITLE: QUALITY ASSURANCE MANAGER -- ENG038

Minimum Education and Experience: High School Diploma and two years of specialized experience. Specialized experience includes: configuration management, verification, and validation; software/hardware testing and integration; total quality management; and must have the ability to work independently or under only general direction.

Functional Responsibilities: Responsible for developing and administering the company's Quality Control Program. Ensures that the quality control procedures and policies of company are coordinated throughout the organization. Responsible for establishing testing policies and procedures for maintaining a program that will meet the quality control needs of the entire company. The Quality Manager reports directly to the President and has the responsibility to establish and maintain a Quality Management System. Establishes and maintains a process to ensure the company maintains a high level of quality including ISO-9000 requirements. Maintains configuration management of internal and deliverable documentation including forms management. Performs inspections and maintains Government-furnished equipment inventory. Determines the resources required for control quality. Maintains the level of quality throughout the corporation. Conducts formal and informal reviews/audits at pre-determined points throughout contract life cycle. Provides daily oversight and direction to QA support staff. Refers to *SYTRONICS* Internal Operating Procedures (SIOPs) for guidance.

COMMERCIAL JOB TITLE:

**RESEARCH SUBJECT ASSOCIATE I --
ENG039**

Minimum Education and Experience: High School Diploma and one year experience.

Functional Responsibilities: Provides acoustical research support to Government programs. Member of research panel involved in the study of voice communication, speech analysis, hearing protector devices, Doppler shift perception and stimulation, auditory distance perception, multi-auditory symbology, and psychological effects of nonhazardous noise.

COMMERCIAL JOB TITLE:

RESEARCH SUBJECT ASSOCIATE II -- ENG040

Minimum Education and Experience: High School Diploma and two years experience.

Functional Responsibilities: Provides acoustical research support to Government programs. Member of research panel involved in the study of voice communication, speech analysis, hearing protector devices, Doppler shift perception and stimulation, auditory distance perception, multi-auditory symbology, and psychological effects of nonhazardous noise.

COMMERCIAL JOB TITLE:

SOFTWARE ENGINEER I -- ENG041

Minimum Education and Experience: Associate's Degree and one year related experience.

Functional Responsibilities: Responsible for the development and implementation of special projects. Researches, designs, and develops technical solutions for customers using Java, several Intelligent Agent architectures (COUGAAR, agentTool, AgentBuilder), and XML-based web services.

COMMERCIAL JOB TITLE: SOFTWARE ENGINEER II -- ENG042

Minimum Education and Experience: Associate's Degree in Computer Science and two years related experience.

Functional Responsibilities: Performs cost/capability studies. Completes version of speech interface written in C using X Windows to create the GUI. Develops speech interface for a voice-head input controller.

COMMERCIAL JOB TITLE: SOFTWARE ENGINEER III -- ENG043

Minimum Education and Experience: Bachelor's Degree and three years related experience.

Functional Responsibilities: Develops routines to communicate with and monitors the performance of a digital aircraft engine control via the MIL-STD-1553 data bus, analog I/O, and GPIB. Designs calibration software for an automated fuel control test stand.

COMMERCIAL JOB TITLE: SOFTWARE ENGINEER IV -- ENG044

Minimum Education and Experience: Bachelor's Degree and four years related experience.

Functional Responsibilities: Develops hardware and software for a variety of applications and specialized projects. Writes proposals, documentation, and presentations related to the software development.

COMMERCIAL JOB TITLE: SR. ADMINISTRATIVE SPECIALIST -- ENG045

Minimum Education and Experience: Associate's Degree and five years related experience.

Functional Responsibilities: Provides program administration for Government program. Coordinates the purchase requisition process; maintains the charge number listing; prepares weekly, bi-monthly, and monthly reports; and supervises two administrative support employees. Completes security clearance paperwork. Reviews and submits electronic timecards. Disburses and tracks petty cash expenditures. Liaison between the employees and the corporate office regarding administrative policies and procedures. Assists HR by in-processing and out-processing off-site located employees.

COMMERCIAL JOB TITLE: SR. COMPUTER ENGINEER -- ENG046

Minimum Education and Experience: Master's Degree in Computer Engineering and four years related experience.

Functional Responsibilities: Incorporates voice recognition applications. Conceives, plans, and writes proposals for voice recognition integration in US Army Space Command systems. Serves as Technical Lead for complex projects. Develops enterprise application architecture; develops or leads the development of detailed data and processing requirements in components of the enterprise application architecture; plans new applications. As an expert in one or more technology areas, provides technical guidance for acquisitions, upgrades, and new development. Designs and develops highly complex systems. Applies software, hardware, and standards information technology knowledge in the analysis, specification, development, integration, and acquisition of information, network, and hardware systems.

COMMERCIAL JOB TITLE: SR. ENGINEER I -- ENG047

Minimum Education and Experience: Bachelor's Degree and two years related experience.

Functional Responsibilities: Performs research and recommends approaches to engineering problems and methods and resolves important technical questions through the use of advanced techniques and the extension or modification of standard practices. Conducts analysis and evaluation or design of unique and complex tasks through the development of new or improved methods and procedures. Accomplishes assignments by defining requirements, developing criteria, searching for information, developing concepts, coordinating intra- or inter-disciplinary interfaces, and controlling allocated resources.

COMMERCIAL JOB TITLE: SR. ENGINEER II -- ENG048

Minimum Education and Experience: Bachelor's Degree and four years related experience.

Functional Responsibilities: Independently makes decisions on engineering problems and methods and resolves important technical questions through the use of advanced techniques and the extension or modification of standard practices. Conducts analysis and evaluation or design of unique and complex tasks through the development of new or improved methods and procedures. Accomplishes assignments by defining requirements, developing criteria, searching for information, developing concepts, coordinating intra- or inter-disciplinary interfaces, and controlling allocated resources. Applies software, hardware, and standards information technology knowledge in the analysis, specification, development, integration, and acquisition of information and network systems.

COMMERCIAL JOB TITLE:

SR. ENGINEER III -- ENG049

Minimum Education and Experience: Master's Degree and six years related experience.

Functional Responsibilities: Designs and develops video processor to provide real-time video capability from aircraft-to-aircraft. Provides senior design and system oversight. Supervises hardware and software design activities. Develops, installs, and tests aircraft. Provides support to Government programs. Performs research and development in software design and development, real-time aircraft simulation, and two-dimensional and three-dimensional static and dynamic color graphic display design and development. Experienced in application of voice recognition technology.

COMMERCIAL JOB TITLE:

**SR. HARDWARE/SOFTWARE ENGINEER --
ENG050**

Minimum Education and Experience: Bachelor's Degree and four years related experience.

Functional Responsibilities: Provides program oversight for development of prototype system and deliverable systems. Develops hardware design for testers. Manufactures deliverable systems. Generates documentation for test procedures and operator's manual.

COMMERCIAL JOB TITLE:

SR. HUMAN FACTORS ENGINEER -- ENG051

Minimum Education and Experience: Master's Degree and six years related experience.

Functional Responsibilities: Provides human factors coordination, research, and application to the human engineering requirements of human systems, logistics, and training projects. Project manager for Government projects which responsibilities include contract management. Directs and evaluates research. Principal Investigator on specialized projects.

COMMERCIAL JOB TITLE:

SR. HUMAN FACTORS PSYCHOLOGIST -- ENG052

Minimum Education and Experience: Bachelor's Degree and four years related experience.

Functional Responsibilities: Technical manager of Government programs. Performs optical evaluation of aircraft transparencies and commercial airline cabin windows. Evaluates optical anomalies for angular deviation, multiple imaging, distortion, birefringence, haze, and craze. Collects, reduces, and analyzes data required for the formulation of new performance-based specifications for aircraft transparencies. Responsible for experimental setup, subject testing, data collection, reduction, and analysis for vision research studies investigating the effects of optical parameters inherent in aircraft transparencies on pilot visual performance. Tests and

validates optical and visual evaluation equipment. Writes operator manuals for laboratory devices as well as procedural manuals for laboratory evaluation techniques.

COMMERCIAL JOB TITLE: SR. PROGRAM MANAGER I -- ENG053

Minimum Education and Experience: Bachelor's Degree and four years related experience.

Functional Responsibilities: Responsible for *SYTRONICS* business and product development for the Products Business Segment--Test Systems. Provides engineering management for new product development.

COMMERCIAL JOB TITLE: SR. PROGRAM MANAGER II -- ENG054

Minimum Education and Experience: Master's Degree and six years related experience.

Functional Responsibilities: Provides management and oversight of all programs/contracts assigned to the Intelligent Systems area. Responsible for ensuring that all contract requirements are effectively and efficiently met and that the customer is totally satisfied with *SYTRONICS'* performance. Consults with the President to obtain the resources needed to accomplish the contractual requirements. Directs the Program Managers assigned to manage the Intelligent Systems Programs. Responsible for monitoring and expanding the Intelligent Systems technologies and markets. Advises the President as necessary to improve, strategize, and expand this business area. Responsible for overall contract performance and for formulating and enforcing work standards, assigning contractor schedules, reviewing work discrepancies, supervising contractor personnel and communicating policies, purposes, and goals of the organization. Performs budgeting, manpower, and resource planning. Evaluates existing procedures, processes, techniques, models, and/or systems related to management and contractual requirements.

COMMERCIAL JOB TITLE: SR. SOFTWARE ENGINEER I -- ENG055

Minimum Education and Experience: Bachelor's Degree and two years related experience.

Functional Responsibilities: Provides support to the Government. Responsible for development of speech recognition executive software and system administration.

COMMERCIAL JOB TITLE: SR. SOFTWARE ENGINEER II -- ENG056

Minimum Education and Experience: Bachelor's Degree and four years related experience.

Functional Responsibilities: Serves as Technical Lead for complex projects. Develops enterprise application architecture; develops or leads the development of detailed data and processing requirements in components of the enterprise application architecture; plans new applications. As an expert in one or more technology areas, provides technical guidance for acquisitions, upgrades, and new development. Designs and develops highly complex systems. Applies software, hardware, and standards information technology knowledge in the analysis, specification, development, integration, and acquisition of information, network, and hardware systems. Evaluates and recommends COTS application and system software.

COMMERCIAL JOB TITLE: **SR. SOFTWARE ENGINEER III -- ENG057**

Minimum Education and Experience: Master's Degree and six years related experience.

Functional Responsibilities: Plans, coordinates, implements, monitors, evaluates, and refines corporate software development programs and manages software engineering staff.

COMMERCIAL JOB TITLE: **SR. SYSTEMS ENGINEER -- ENG058**

Minimum education and experience: Bachelor's Degree and four years related experience.

Functional responsibilities: Designs new and upgraded gas turbine test cells. Performs engineering studies and evaluation of cooling turbine test cells. Installs test cells. Designs, implements, tests, and debugs the integrated microware measurement system for Government projects.

COMMERCIAL JOB TITLE: **SYSTEMS ENGINEER I -- ENG059**

Minimum Education and Experience: Bachelor's Degree and four years related experience.

Functional Responsibilities: Provides engineering support of engine test cell designs. Network administrator responsible for maintaining NetWare server, LINUX server, and Windows 00/NT workstations. Tests and repairs video monitors for direct view simulation systems.

IV. USA COMMITMENT TO PROMOTE SMALL BUSINESS PARTICIPATION PROCUREMENT PROGRAMS

IV.1. Preamble

SYTRONICS provides commercial products and services to the ordering activity. 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.

IV.2. 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 businesses to supply products and services to our company.

To ensure 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:

Ms. Rebecca A. (Becky) Rogers
Contracts Manager
Phone: **1-800-699-1466, Extension 6110**
Fax: **(937) 431-6400**
E-mail: **brogers@sytronics.com**

V. **BEST VALUE BLANKET PURCHASE AGREEMENT FEDERAL SUPPLY SCHEDULE**

(Insert Customer Name)

In the spirit of the Federal Acquisition Streamlining Act, (ordering activity) and *SYTRONICS, Inc.*, 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

SYTRONICS, Inc.

DATE

VI. SAMPLE BPA

BPA NUMBER _____	
(CUSTOMER NAME)	
BLANKET PURCHASE AGREEMENT	
Pursuant to GSA Federal Supply Schedule Contract Number(s) _____ and Federal Acquisition Regulation (FAR) 8.405-3, Blanket Purchase Agreements (BPAs), the Contractor agrees to the following terms of a BPA EXCLUSIVELY WITH <u> (Ordering Agency) </u> :	
(1) The following contract services/products can be ordered under this BPA. All orders placed against this BPA are subject to the terms and conditions of the contract, except as noted below:	
<u>ITEM (Model/Part Number or Type of Service)</u>	<u>SPECIAL BPA DISCOUNT/PRICE</u>
_____	_____
_____	_____
(2) Delivery:	
<u>DESTINATION</u>	<u>DELIVERY SCHEDULE/DATES</u>
_____	_____
_____	_____
(3) The Government estimates, but does not guarantee, that the volume of purchases through this agreement will be _____.	
(4) This BPA does not obligate any funds.	
(5) This BPA expires on _____ or at the end of the contract period, whichever is earlier.	
(6) The following office(s) is hereby authorized to place orders under this BPA:	
<u>OFFICE</u>	<u>POINT OF CONTACT</u>
_____	_____
_____	_____
_____	_____
(7) Orders will be placed against this BPA via Electronic Data Interchange (EDI), FAX, paper, or oral communications.	
(8) Unless otherwise agreed to, all deliveries under this BPA must be accompanied by delivery tickets or sales slips that must contain the following information as a minimum:	
(a) Name of Contractor;	
(b) Contract Number;	
(c) BPA Number;	
(d) Model Number or National Stock Number (NSN);	
(e) Task/Delivery Order Number;	
(f) Date of Purchase;	
(g) Quantity, Unit Price, and Extension of Each Item (unit prices and extensions need not be shown when incompatible with the use of automated systems; provided, that the invoice is itemized to show the information); and	
(h) Date of Shipment.	
(9) The requirements of a proper invoice are as specified in the Federal Supply Schedule contract. Invoices will be submitted to the address specified within the task/delivery order transmission issued against this BPA.	
(10) The terms and conditions included in this BPA apply to all purchases made pursuant to it. In the event of an inconsistency between the provisions of this BPA and the Contractor's invoice, the provisions of this BPA will take precedence.	

VII. 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 an ordering activity's requirements.

These Team Arrangements can be included under a BPA. BPAs are permitted under all Federal Supply Schedule contracts.

Orders under a Team Arrangement are subject to terms and conditions of 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.

The following 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 Schedule "Team Solution" to meet the customer's requirements.
- Customers make a best value selection.

VIII. FAR 52.212-3--OFFEROR REPRESENTATIONS AND CERTIFICATIONS--COMMERCIAL ITEMS (MAY 2004)

(a) *Definitions.*

(b) (3) *Taxpayer Identification Number (TIN).*

TIN: **31-1081302**

(4) *Type of organization.*

Corporate entity (tax-exempt).

(5) *Common parent.*

Offeror is not owned or controlled by a common parent.

(c) Offerors must complete the following representations when the resulting contract will be performed in the United States or its outlying areas. Check all that apply.

<input checked="" type="checkbox"/>	Is,	<input type="checkbox"/>	Is not a small business concern.
<input checked="" type="checkbox"/>	Is,	<input type="checkbox"/>	Is not a veteran-owned small business concern.
<input type="checkbox"/>	Is,	<input checked="" type="checkbox"/>	Is not a service-disabled veteran-owned small business concern.
<input type="checkbox"/>	Is,	<input checked="" type="checkbox"/>	Is not a small disadvantaged business concern as defined in 13 CFR 124.1002.
<input type="checkbox"/>	Is,	<input checked="" type="checkbox"/>	Is not a woman-owned small business concern.
<input type="checkbox"/>	Is,	<input checked="" type="checkbox"/>	Is not an emerging small business.
<input type="checkbox"/>	Is,	<input checked="" type="checkbox"/>	Is not a HUBZone small business concern.
<input type="checkbox"/>	Is,	<input checked="" type="checkbox"/>	Is not a joint venture that complies with the requirements of 13 CFR Part 126.

(d) *Representations required to implement provisions of Executive Order 11246--*

(1) *Previous contracts and compliance.*

(i) Has, Has not participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation; and

(ii) Has, Has not filed all required compliance reports.

(2) *Affirmative Action Compliance.*

(i) Has developed and has on file,
 Has not developed and does not have on file, at each establishment, affirmative action programs required by rules and regulations of the Secretary of Labor (41 CFR Parts 60-1 and 60-2), or
 Has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

(e) *Certification Regarding Payments to Influence Federal Transactions (31 U.S.C. 1352).*

(f) *Buy American Act Certificate.*

(2) Foreign End Products: **None.**

(g) (1) *Buy American Act--Free Trade Agreements--Israeli Trade Act Certificate.*

(ii) FTA Country or Israeli End Products: **None.**

(iii) Other Foreign Products: **None.**

(2) *Buy American Act--Free Trade Agreements--Israeli Trade Act Certificate, Alternate I (Jan 2004).*

(g)(1)(ii) Canadian End Products: **None.**

(3) *Buy American Act--Free Trade Agreements--Israeli Trade Act Certificate, Alternate II (Jan 2004).*

(g)(1)(ii) Canadian or Israeli End Products: **None.**

(4) *Trade Agreements Certificate.*

(ii) Other End Products: **None.**

(h) *Certification Regarding Debarment, Suspension or Ineligibility for Award (Executive Order 12549).*

(1) Are, Are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency; and

(2) Have, Have not, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, state or local Government contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

(3) Are, Are not presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses.

(i) *Certification Regarding Knowledge of Child Labor for Listed End Products (Executive Order 13126).*

(1) *Listed end products:* **None.**

(2) *Certification.*

(i) The offeror will not supply any end product listed in paragraph (j)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product.

(ii) The offeror may supply an end product listed in paragraph (j)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product. The offeror certifies that it has made a good faith effort to determine whether forced or indentured child labor was used to mine, produce, or manufacture any such end product furnished under this contract. On the basis of those efforts, the offeror certifies that it is not aware of any such use of child labor.

ADDENDUM TO OFFEROR REPRESENTATIONS AND CERTIFICATIONS--COMMERCIAL ITEMS

Indicate in the space provided below your business size as it applies to the NAICS proposed under this acquisition. Also identify the NAICS under which the preponderance of your work is performed:

NAICS 541330/SIC 8711
Preponderance of Work:

NAICS 541710/SIX 8731

- Small Business
- Small Disadvantaged
- 8(A)
- Woman Owned Small Business
- Veteran-Owned Small Business
- Woman Owned Large Business
- Large Business

- Small Business
- Small Disadvantaged
- 8(A)
- Woman Owned Small Business
- Veteran-Owned Small Business
- Woman Owned Large Business
- Large Business

IX. FAR CLAUSES

The following clauses found in the Federal Acquisition Regulation (FAR) and the General Services Administration Acquisition Manual (GSAM) are incorporated herein by reference with the same force and effect as if set forth below in full text.

<u>CLAUSE NUMBER</u>	<u>CLAUSE TITLE</u>
16.202	FIRM-FIXED-PRICE CONTRACTS
16.601	TIME-AND-MATERIALS CONTRACTS
16.602	LABOR-HOUR CONTRACTS
36.601-3	APPLICABLE CONTRACTING PROCEDURES
52.201	RESERVED
52.202-1	DEFINITIONS OF WORDS AND TERMS PROVISIONS AND CLAUSES, DEFINITIONS (JUN 2004)
52.203-3	GRATUITIES (APR 1984)
52.203-5	COVENANT AGAINST CONTINGENT FEES (APR 1984)
52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (JUL 1995), WITH ALTERNATE I (OCT 1995) (41 U.S.C. 253G AND 10 U.S.C. 2402).
52.222-37	EMPLOYMENT REPORTS ON DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA (APR 1998)
52.204-4	PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER (AUG 2000)
52.204-6	DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER (OCTOBER 2003)
52.204-7	CENTRAL CONTRACTOR REGISTRATION (OCT 2003)
52.212-1	INSTRUCTIONS TO OFFERORS--COMMERCIAL ITEMS (JAN 2004)
52.212-2	EVALUATION-COMMERCIAL ITEMS (JAN 1999)
52.212-3	OFFEROR REPRESENTATIONS AND CERTIFICATIONS--COMMERCIAL ITEMS (MAY 2004)
52.212-4	CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (OCT 2003)
52.212-5	CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (MAY 2004)
52.214-34	SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE (APR 1991)
52.214-35	SUBMISSION OF OFFERS IN U.S. CURRENCY (APR 1991)
52.215-20	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA (OCT 1997) (ALTERNATE IV--OCT 1997) (VARIATION I--SEP 1999)
52.215-21	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA--MODIFICATIONS (OCT 1997) (ALTERNATE IV--OCT 1997) (VARIATION I--AUG 1997)
52.215-6	PLACE OF PERFORMANCE (OCT 1997)
52.216-18	ORDERING (OCT 1995)
52.216-19	ORDER LIMITATIONS (OCT 1995) (VARIATION I--AUG 1999)
52.216-22	INDEFINITE QUANTITY (OCT 1995) (VARIATION--OCT 1995)
52.217-8	OPTION TO EXTEND SERVICES OPTION TO EXTEND SERVICES (NOV 1999)
52.219-16	LIQUIDATED DAMAGES--SUBCONTRACTING PLAN (JAN 1999)
52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS (MAY 2004) (15 U.S.C. 637 (D) (2) AND (3)).
52.219-9	SMALL BUSINESS SUBCONTRACTING PLAN (JAN 2002) (15 U.S.C. 637 (D)(4)).
52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (FEB 1997)

<u>CLAUSE NUMBER</u>	<u>CLAUSE TITLE</u>
52.222-21	PROHIBITION OF SEGREGATED FACILITIES (FEB 1999).
52.222-24	PREAWARD ON-SITE EQUAL OPPORTUNITY COMPLIANCE REVIEW (FEB 1999)
52.222-26	EQUAL OPPORTUNITY (APR 2002) (E.O. 11246).
52.222-3	CONVICT LABOR (JUN 2003) (E.O. 11755).
52.222-35	EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001) (38 U.S.C. 4212).
52.222-36	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES (JUN 1998) (29 U.S.C. 793).
52.222-37	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001) (38 U.S.C. 4212).
52.222-46	EVALUATION OF COMPENSATION FOR PROFESSIONAL EMPLOYEES (FEB 1993)
52.223-3	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (JAN 1997) (ALTERNATE I--JUL 1995)
52.223-5	POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION (AUG 2003)
52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (DEC 2003) (E.O.S, PROCLAMATIONS, AND STATUTES ADMINISTERED BY THE OFFICE OF FOREIGN ASSETS CONTROL OF THE DEPARTMENT OF THE TREASURY).
52.225-5	TRADE AGREEMENTS (JAN 2004) (19 U.S.C. 2501, ET SEQ., 19 U.S.C. 3301 NOTE).
52.227-14	RIGHTS IN DATA-GENERAL (JUNE 1987) (As Negotiated in Each Order)
52.232-17	INTEREST (JUN 1996)
52.232-23	ASSIGNMENT OF CLAIMS (JAN 1986)
52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION (OCT 2003) (31 U.S.C. 3332).
52.232-34	PAYMENT BY ELECTRONIC FUNDS TRANSFER--OTHER THAN CENTRAL CONTRACTOR REGISTRATION (MAY 1999) (31 U.S.C. 3332).
52.232-37	MULTIPLE PAYMENT ARRANGEMENTS (MAY 1999)
52.232-7	PAYMENTS UNDER TIME AND MATERIALS AND LABOR HOUR CONTRACTS (FEB 2002) (ALTERNATE II-FEB 2002)
52.233-1	DISPUTES (JUL 2002)
52.233-2	SERVICE OF PROTEST (AUG 1996)
52.233-3	PROTEST AFTER AWARD (AUG 1996) (31 U.S.C. 3553).
52.237-1	SITE VISIT (APR 1984)
52.237-10	IDENTIFICATION OF UNCOMPENSATED OVERTIME (OCT 1997)
52.237-2	PROTECTION OF GOVERNMENT BUILDINGS, EQUIPMENT, AND VEGETATION (APR 1984)
52.239-1	PRIVACY OR SECURITY SAFEGUARDS (AUG 1996) (5 U.S.C. 552A).
52.242-13	BANKRUPTCY (JUL 1995)
52.246-4	INSPECTION OF SERVICES--FIXED-PRICE (AUG 1996)
52.246-6	INSPECTION-TIME-AND-MATERIAL AND LABOR-HOUR (MAY 2001)
52.247-34	F.O.B. DESTINATION (NOV 1991)
52.247-64	PREFERENCE FOR PRIVATELY OWNED U.S.-FLAG COMMERCIAL VESSELS (APR 2003) (46 U.S.C. APPX 1241 AND 10 U.S.C. 2631).
552.203-71	RESTRICTION ON ADVERTISING
552.211-73	MARKING
552.211-74	CHARGES FOR MARKING (FEB 1996)

<u>CLAUSE NUMBER</u>	<u>CLAUSE TITLE</u>
552.211-75	PRESERVATION, PACKAGING, AND PACKING (FEB 1996) (ALTERNATE I -- MAY 2003)
552.211-77	PACKING LIST (FEB 1996)
552.211-78	COMMERCIAL DELIVERY SCHEDULE (MULTIPLE AWARD SCHEDULE) (JUL 2001)
552.212-70	PREPARATION OF OFFER (MULTIPLE AWARD SCHEDULE) (AUG 1997)
552.212-71	CONTRACT TERMS AND CONDITIONS APPLICABLE TO GSA ACQUISITION OF COMMERCIAL ITEMS (JUL 2003)
552.212-73	EVALUATION--COMMERCIAL ITEMS (MULTIPLE AWARD SCHEDULE) (AUG 1997))
552.215-71	EXAMINATION OF RECORDS BY GSA (MULTIPLE AWARD SCHEDULE)
552.215-72	PRICE ADJUSTMENT--FAILURE TO PROVIDE ACCURATE INFORMATION (AUG 1997)
552.216-70	ECONOMIC PRICE ADJUSTMENT--FSS MULTIPLE AWARD SCHEDULE CONTRACTS (SEP 1999) (ALTERNATE I--SEP 1999)
552.216-72	PLACEMENT OF ORDERS (SEP 1999) (ALTERNATE III -- MAY 2004)
552.216-73	ORDERING INFORMATION (SEP 1999) (ALTERNATE II--SEP 1999)
552.217-71	NOTICE REGARDING OPTION(S) (NOV 1992)
552.219-71	NOTICE TO OFFERORS OF SUBCONTRACTING PLAN REQUIREMENTS (SEP 1999)
552.219-72	PREPARATION, SUBMISSION, AND NEGOTIATION OF SUBCONTRACTING PLANS (SEP 1999)
552.219-73	GOALS FOR SUBCONTRACTING PLAN (SEP 1999) (ALTERNATE I--SEP 1999)
552.223-71	NONCONFORMING HAZARDOUS MATERIALS (SEP 1999)
552.228-70	WORKERS' COMPENSATION LAWS (SEP 1999)
552.229-70	FEDERAL, STATE, AND LOCAL TAXES
552.229-71	FEDERAL EXCISE TAX--DC GOVERNMENT (SEP 1999)
552.232-23	ASSIGNMENT OF CLAIMS (SEP 1999)
552.232-74	INVOICE PAYMENTS (SEP 1999)
552.232-77	PAYMENT BY GOVERNMENT COMMERCIAL PURCHASE CARD (MAR 2000) (ALTERNATE I--MAR 2000)
552.232-78	PAYMENT INFORMATION
552.232-8	DISCOUNTS FOR PROMPT PAYMENT
552.233-70	PROTESTS FILED DIRECTLY WITH THE GENERAL SERVICES ADMINISTRATION (MAR 2000)
552.238-71	SUBMISSION AND DISTRIBUTION OF AUTHORIZED FSS SCHEDULE PRICELISTS (SEP 1999) (ALTERNATE I--MAY 2003)
552.238-73	CANCELLATION (SEP 1999)
552.238-74	INDUSTRIAL FUNDING FEE AND SALES REPORTING (JUL 2003)
552.238-75	PRICE REDUCTIONS (MAY 2004)
552.243-72	MODIFICATIONS (MULTIPLE AWARD SCHEDULE) (JUL 2000)
552.246-73	WARRANTY--MULTIPLE AWARD SCHEDULE (MAR 2000) (ALTERNATE I--MAY 2003)
A-FSS-11	CONSIDERATION OF OFFERS UNDER STANDING SOLICITATION (DEC 2000)
A-FSS-12-C	PERIOD FOR ACCEPTANCE OF OFFERS (NOV 1997)
A-FSS-41	OF OPERATION (NOV 1999)
B-FSS-96	ESTIMATED SALES (NOV 1997)
C-FCXE-02	MOST FAVORED CUSTOMER (DEC 01)
C-FSS-370	CONTRACTOR TASKS / SPECIAL REQUIREMENTS (NOV 2003)
C-FSS-411	FIRE OR CASUALTY HAZARDS, OR SAFETY OR HEALTH REQUIREMENTS (OCT 1992)
C-FSS-425	WORKMANSHIP (OCT 1988)

<u>CLAUSE NUMBER</u>	<u>CLAUSE TITLE</u>
CI-FSS-2	SUBMISSION OF OFFERS--ADDITIONAL INSTRUCTIONS (MAR 1996)
CITC-FCXB-330	INDEMNIFICATION FOR SERVICES RENDERED (MAR 1998)
CITC-FSS-FCXC-140	GSA CONTRACTING OFFICER'S AUTHORITY (JUL 1997)
D-FSS-456	PACKAGING AND PACKING (APR 1984)
E-FSS-516	PRODUCTION POINT AND INSPECTION INFORMATION (MAR 1990)
FCX-FSS-16	ORGANIZATIONAL CONFLICTS OF INTEREST
F-FSS-202-G	DELIVERY PRICES (JAN 1994)
FSS-FCXB-114	METHOD OF AWARD
G-FSS-900-C	CONTACT FOR CONTRACT ADMINISTRATION (JUL 2003)
G-FSS-907	ORDER ACKNOWLEDGMENT (APR 1984)
G-FSS-910	DELIVERIES BEYOND THE CONTRACTUAL PERIOD--PLACING OF ORDERS (OCT 1988) (As Negotiated in Each Order)
I-FSS-103	SCOPE OF CONTRACT--WORLDWIDE (JUL 2002)
I-FSS-106	GUARANTEED MINIMUM (JUL 2003)
I-FSS-108	CLAUSES FOR OVERSEAS COVERAGE (MAY 2000)
I-FSS-109	ENGLISH LANGUAGE AND U.S. DOLLAR REQUIREMENTS (MAR 1998)
I-FSS-125	REQUIREMENTS EXCEEDING THE MAXIMUM ORDER (SEP 1999)
I-FSS-140-B	URGENT REQUIREMENTS (JAN 1994)
I-FSS-163	OPTION TO EXTEND THE TERM OF THE CONTRACT (EVERGREEN) (APR 2000)
I-FSS-249-B	DEFAULT (MAY 2000)
I-FSS-314	FOREIGN TAXES AND DUTIES (DEC 1990)
I-FSS-40	CONTRACTOR TEAM ARRANGEMENTS (JUL 2003)
I-FSS-50	PERFORMANCE REPORTING REQUIREMENTS (FEB 1995)
I-FSS-550-B	YEAR 2000 WARRANTY--COMMERCIAL SUPPLY ITEMS (JAN 1999)
I-FSS-597	GSA ADVANTAGE! TM (SEP 2000)
I-FSS-599	ELECTRONIC COMMERCE--FACNET (APR 1997)
I-FSS-60	PERFORMANCE INCENTIVES (APR 2000)
I-FSS-639	CONTRACT SALES CRITERIA (MAR 2002)
I-FSS-646	BLANKET PURCHASE AGREEMENTS (MAY 2000)
I-FSS-680	DISSEMINATION OF INFORMATION BY CONTRACTOR (APR 1984)
I-FSS-95	RE-REPRESENTATION OF SIZE STATUS FOR OPTION PERIODS (JUN 2003)
I-FSS-965	INTERPRETATION OF CONTRACT REQUIREMENTS (APR 1984)
I-FSS-969	ECONOMIC PRICE ADJUSTMENT--FSS MULTIPLE AWARD SCHEDULE (JAN 2002)
K-FSS-1	AUTHORIZED NEGOTIATORS (MAR 1998)
K-FSS-9	SECTION 8(A) REPRESENTATION FOR THE MULTIPLE AWARD SCHEDULE PROGRAM (SEP 2000)
K-FSS-9	SECTION 8(A) REPRESENTATION FOR THE MULTIPLE AWARD SCHEDULE PROGRAM (SEP 2000)
L-FSS-101	FINAL PROPOSAL REVISION (JUN 2002)
L-FSS-59	AWARD (APR 1984)
PES-52.216-1	TYPE OF CONTRACT (MAR 1999)
PES-FCXB-070	SPECIAL PROVISIONS FOR TASK ORDERS
PES-FCXB-210	SECURITY CLEARANCES
PES-FCXE-01	PROCEDURES FOR FIXED PRICES ON GSA SCHEDULE
PES-FSS-101	ADDENDUM TO CONTRACT PRICE LIST
PES-G-FSS-914-A	CONTRACTOR'S REMITTANCE (PAYMENT) ADDRESS (MAY 2000)
PES-G-FSS-914-A	CONTRACTOR'S REMITTANCE (PAYMENT) ADDRESS (MAY 2000)
PES-I-FSS-600	CONTRACT PRICE LISTS (JUL 2002)
PES-I-FSS-644	DEALERS AND SUPPLIERS (OCT 1988)

**APPENDIX A
WARRANTY**

WARRANTY DESCRIPTION

Contract No.: _____

Effective Date: _____

WARRANTY DESCRIPTION: Each item under contract includes a *one-year (1)* warranty in which **SYTRONICS** warrants that the unit is free from defects in material, workmanship, manufacturing, and design and will perform to or exceed specifications, if operated properly for the duration of the *one-year (1)* warranty coverage. Under this warranty, **SYTRONICS** will repair or replace any failed unit. Any failed unit returned to a **SYTRONICS** Repair Center will be repaired within *two weeks (14 calendar days)* at no additional cost or will be replaced with a serviceable, calibrated unit at no additional cost. The replacement unit will assume the remaining warranty of the replaced unit. The two-week period begins upon the arrival date of the failed unit at a **SYTRONICS** Repair Center, as documented by the Bill of Lading (Government or commercial). The two-week period ends on the date the repaired or replacement unit is shipped back to the owner, as documented by the Bill of Lading (Government or commercial).

REPAIR CENTERS: One copy each of this warranty and **SYTRONICS Return Merchandise Authorization (RMA)** Form must accompany any failed unit being returned for repair or replacement. Once a RMA has been obtained, ship prepaid in accordance with the following "Shipping Methods" to--

SYTRONICS, Inc.
(ATTN: Debra M. Winner)
4433 Dayton-Xenia Road; Bldg 1
Dayton OH 45432

Phone: (937) 431-6111
Fax: (937) 431-6400
Email: dwinner@sytronics.com

SHIPPING METHODS: All equipment returned to **SYTRONICS** for repair or replacement will be shipped prepaid. **SYTRONICS** will return the item to the owner freight collect. The owner will identify the shipping means to be employed for items shipped.

WARRANTY MARKING: The date the warranty begins will be the shipment date from the factory. The day, month, and year that the warranty begins and the day, month, and year that the warranty ends will be permanently and conspicuously marked on the unit. In the event that a unit fails incoming acceptance testing and is returned to **SYTRONICS** for rework, **SYTRONICS** will revise the warranty marking to reflect the latest dates as defined above. In the event that **SYTRONICS** replaces a returned failed unit under warranty, the replacement unit will be marked to reflect the warranty expiration date of the replaced unit.

SAFETY MODIFICATIONS: **SYTRONICS** will install product changes that relate to product safety or personnel operating the product. If products are found with a safety defect, **SYTRONICS** will repair the defect including parts and labor at no cost to the owner.

DEFINITIONS OF TERMS: For the purpose of this warranty agreement, the following definitions apply--

- **Failed unit (item):** A failed unit (item) is defined under this warranty as any product that is not in compliance with the contract requirements, exhibits loose, broken or missing parts or components, or indicates potential for a failure to occur in a future interval of operation.
- **Repair:** Repair of any failed unit (item) is defined under this warranty as the restoration of the product, both electrically and mechanically, so that it will meet all of the contract specifications and requirements as verified by calibration.
- **Traceable:** As used in the "Warranty Description" paragraph, traceable indicates relating individual measurement standards (instruments) to national standards or nationally-accepted measurement systems through an unbroken chain of comparison.

APPENDIX B
OPTIONAL FORM 347

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER		2. CONTRACT NO. <i>(If any)</i>		6. SHIP TO:		
3. ORDER NO.		4. REQUISITION/REFERENCE NO.		a. NAME OF CONSIGNEE		
5. ISSUING OFFICE <i>(Address correspondence to)</i>				b. STREET ADDRESS		
7. TO:				c. CITY		e. ZIP CODE
				d. STATE		
a. NAME OF CONTRACTOR				f. SHIP VIA		
b. COMPANY NAME				8. TYPE OF ORDER		
c. STREET ADDRESS				<input type="checkbox"/> a. PURCHASE REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.		<input type="checkbox"/> b. DELIVERY -- Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.
d. CITY		e. STATE	f. ZIP CODE	10. REQUISITIONING OFFICE		
9. ACCOUNTING AND APPROPRIATION DATA						
11. BUSINESS CLASSIFICATION <i>(Check appropriate box(es))</i>						12. F.O.B. POINT
<input type="checkbox"/> a. SMALL		<input type="checkbox"/> b. OTHER THAN SMALL		<input type="checkbox"/> c. DISADVANTAGED		<input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED
<input type="checkbox"/> d. WOMEN-OWNED		<input type="checkbox"/> e. HUBZone		<input type="checkbox"/> f. EMERGING SMALL BUSINESS		
13. PLACE OF			14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE <i>(Date)</i>		16. DISCOUNT TERMS
a. INSPECTION		b. ACCEPTANCE				

17. SCHEDULE *(See reverse for Rejections)*

ITEM NO. <small>(a)</small>	SUPPLIES OR SERVICES <small>(b)</small>	QUANTITY ORDERED <small>(c)</small>	UNIT <small>(d)</small>	UNIT PRICE <small>(e)</small>	AMOUNT <small>(f)</small>	QUANTITY ACCEPTED <small>(g)</small>

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOT. <i>(Cont. pages)</i>
	21. MAIL INVOICE TO:						
	a. NAME						
	b. STREET ADDRESS <i>(or P.O. Box)</i>						
c. CITY				d. STATE	e. ZIP CODE		17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY <i>(Signature)</i>	23. NAME <i>(Typed)</i> TITLE: CONTRACTING/ORDERING OFFICER
--	--

