

AUTHORIZED FEDERAL SUPPLY SERVICE
INFORMATION TECHNOLOGY SCHEDULE PRICELIST
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY
EQUIPMENT, SOFTWARE AND SERVICES

SIN 132-8 PURCHASE OF EQUIPMENT

FSC CLASS 7010 - SYSTEM CONFIGURATION

FSC CLASS 7025 - INPUT/OUTPUT AND STORAGE DEVICES

All of the following are offered under Special Item Number 132-8:

- FPDS Code N070 Installation for Equipment Offered
- FPDS Code N070 Deinstallation
- FPDS Code N070 Reinstallation

SIN 132-12 - MAINTENANCE OF EQUIPMENT, REPAIR SERVICE, AND REPAIR PARTS/SPARE PARTS (FPDS Code J070 - Maintenance and Repair Service) (Repair Parts/Spare Parts - See FSC Class for basic equipment)

All of the following are offered under Special Item Number 132-12:

- Maintenance - Repair Service - Repair Parts/Spare Parts - Third Party Maintenance

SIN 132-33 - PERPETUAL SOFTWARE LICENSES

FSC CLASS 7030 - INFORMATION TECHNOLOGY SOFTWARE

SIN 132-34 - MAINTENANCE OF SOFTWARE

Note 1: All non-professional labor categories must be incidental to and used solely to support hardware, software and/or professional services, and cannot be purchased separately.

Note 2: Installation must be incidental to, in conjunction with and in direct support of the products sold under SIN 132-8 of this contract and cannot be purchased separately. If the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act apply.

Cray Inc.
901 Fifth Avenue, Suite 1000
Seattle, WA 98164
(206) 701-2000
<http://www.cray.com>

Contract Number: GS35F-0196R

Period Covered by Contract: December 13, 2004 through December 12, 2014

General Services Administration
Federal Supply Service

Pricelist current through Modification # 0020 dated January 25, 2012

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

Modification# 0020 of GS-35F-0196R is a supplemental pricelist that adds new hardware and their associated maintenance.

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INFORMATION FOR ORDERING ACTIVITIES APPLICABLE TO ALL SPECIAL ITEM NUMBERS

SPECIAL NOTICE TO AGENCIES: Small Business Participation

SBA strongly supports the participation of small business concerns in the Federal Supply Schedules Program. To enhance Small Business Participation SBA policy allows agencies to include in their procurement base and goals, the dollar value of orders expected to be placed against the Federal Supply Schedules, and to report accomplishments against these goals.

For orders exceeding the micropurchase threshold, FAR 8.404 requires agencies to consider the catalogs/pricelists of at least three schedule contractors or consider reasonably available information by using the GSA Advantage!™ on-line shopping service (www.fss.gsa.gov). The catalogs/pricelists, GSA Advantage!™ and the Federal Supply Service Home Page (www.fss.gsa.gov) contain information on a broad array of products and services offered by small business concerns.

This information should be used as a tool to assist ordering activities in meeting or exceeding established small business goals. It should also be used as a tool to assist in including small, small disadvantaged, and women-owned small businesses among those considered when selecting pricelists for a best value determination.

For orders exceeding the micropurchase threshold, customers are to give preference to small business concerns when two or more items at the same delivered price will satisfy their requirement.

1. Geographic Scope of Contract:

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.

Offerors are requested to check one of the following boxes:

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

2. Contractor's Ordering Address and Payment Information:

Ordering Address: FAX#: (410) 910-0579 ATTN: Sybil Simpkins

Payment Addresses:

By Wire:	Cray Inc. ABA: 121000248 ACCT: 4950029827 SWIFT#: WFBIUS6S	By Check:	Cray Inc. USA NW-6050 P.O. Box 1450 Minneapolis, MN 55485-6050
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Contractors are required to accept credit cards for payments equal to or less than the micro-purchase threshold for oral or written delivery orders. Credit cards will not be acceptable for payment above the micro-purchase threshold. In addition, bank account information for wire transfer payments will be shown on the invoice.

The following telephone number(s) can be used by ordering activities to obtain technical and/or ordering assistance:

Ordering Assistance: 410-910-0584 (Sybil Simpkins)

Technical Assistance: 1-877-272-9462 (Jeff Brooks)

3. LIABILITY FOR INJURY OR DAMAGE

The Contractor shall not be liable for any injury to ordering activity personnel or damage to ordering activity property arising from the use of equipment maintained by the Contractor, unless such injury or damage is due to the fault or negligence of the Contractor.

4. Statistical Data For Government Ordering Office Completion of Standard Form 279:

Block 9: G. Order/Modification Under Federal Schedule

Block 16: Data Universal Numbering System (DUNS) Number: 193694577

Block 30: Type of Contractor – B. Other Small Business

Block 31: Woman-Owned Small Business – NO

Block 36: Contractor's Taxpayer Identification Number (TIN): 93-0962605

4a. CAGE Code: OEYH8

4b. Contractor has registered with the Central Contractor Registration Database.

5. FOB Destination

6. DELIVERY SCHEDULE

a. **TIME OF DELIVERY:** The Contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below:

SPECIAL ITEM NUMBER	DELIVERY TIME (Days ARO)
SIN-132-8	(See NOTE below)
SIN 132-12	(See NOTE below)
SIN 132-33	(See NOTE below)
SIN 132-34	(See NOTE below)

NOTE: Contractor will deliver products and services with a specified schedule mutually determined between the ordering activity and the Contractor. The agreed upon delivery time will not exceed Contractor’s normal commercial practice.

b. **URGENT REQUIREMENTS:** When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering activity, 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.

7. Discounts: Prices shown are NET Prices; Basic Discounts have been deducted.

a. Prompt Payment: No prompt payment discount is offered under this contract.

b. Quantity: Contractor offers quantity discounts for equipment maintenance and training.

- c. Dollar Volume: Ordering Activity should contact Contractor sales representative for dollar volume discount.
- d. Government Educational Institutions: The PGI software licensed by Contractor includes a special discount for Government Educational Institutions. Otherwise, Government Educational Institutions are offered same discount as other Government customers.
- e. Other: 2% discount is offered for annual pre-payment in full for hardware and/or software maintenance support.

8. Trade Agreements Act of 1979, as amended:

All items are U.S. made end products, designated country end products, Caribbean Basin country end products, Canadian end products, or Mexican end products as defined in the Trade Agreements Act of 1979, as amended.

9. Statement Concerning Availability of Export Packing: Not applicable because the Geographic Scope of Contract will be domestic delivery only.

10. Small Requirements: The minimum dollar value of orders to be issued is \$100.

11. Maximum Order (All dollar amounts are exclusive of any discount for prompt payment.)

a. The Maximum Order value for the following Special Item Numbers (SINs) is \$500,000:

Special Item Number 132-8 - Purchase of Equipment

Special Item Number 132-12 – Maintenance of Equipment, Repair Service, and Repair Parts/Spare Parts

Special Item Number 132-33 - Perpetual Software Licenses

Special Item Number 132-34 – Maintenance of Software

12. USE OF FEDERAL SUPPLY SERVICE INFORMATION TECHNOLOGY SCHEDULE CONTRACTS. In accordance with FAR 8.404:

[NOTE: Special ordering procedures have been established for Special Item Numbers (SINs) 132-51 IT Professional Services and 132-52 EC Services; refer to the terms and conditions for those SINs.]

Orders placed pursuant to a Multiple Award Schedule (MAS), using the procedures in FAR 8.404, are considered to be issued pursuant to full and open competition. Therefore, when placing orders under Federal Supply Schedules, ordering activities need not seek further competition, synopsise the requirement, make a separate determination of fair and reasonable pricing, or consider small business set-asides in accordance with subpart 19.5. GSA has already determined the prices of items under schedule contracts to be fair and reasonable. By placing an order against a schedule using the procedures outlined below, the ordering activity has concluded that the order represents the best value and results in the lowest overall cost alternative (considering price, special features, administrative costs, etc.) to meet the ordering activity's needs.

a. Orders placed at or below the micro-purchase threshold. ordering activities can place orders at or below the micro-purchase threshold with any Federal Supply Schedule Contractor.

b. Orders exceeding the micro-purchase threshold but not exceeding the maximum order threshold. Orders should be placed with the Schedule Contractor that can provide the supply or service that represents the best value. Before placing an order, ordering activities should consider reasonably available information about the supply or service offered under MAS contracts by using the "GSA Advantage!" on-line shopping service, or by reviewing the catalogs/pricelists of at least three Schedule Contractors and selecting the delivery and other options available under

the schedule that meets the ordering activity's needs. In selecting the supply or service representing the best value, the ordering activity may consider--

- (1) Special features of the supply or service that are required in effective program performance and that are not provided by a comparable supply or service;
- (2) Trade-in considerations;
- (3) Probable life of the item selected as compared with that of a comparable item;
- (4) Warranty considerations;
- (5) Maintenance availability;
- (6) Past performance; and
- (7) Environmental and energy efficiency considerations.

c. Orders exceeding the maximum order threshold. Each schedule contract has an established maximum order threshold. This threshold represents the point where it is advantageous for the ordering activity to seek a price reduction. In addition to following the procedures in paragraph b, above, and before placing an order that exceeds the maximum order threshold, ordering activities shall--

Review additional Schedule Contractors'

- (1) catalogs/pricelists or use the "GSA Advantage!" on-line shopping service;
- (2) Based upon the initial evaluation, generally seek price reductions from the Schedule Contractor(s) appearing to provide the best value (considering price and other factors); and
- (3) After price reductions have been sought, place the order with the Schedule Contractor that provides the best value and results in the lowest overall cost alternative. If further price reductions are not offered, an order may still be placed, if the ordering activity determines that it is appropriate.

NOTE: For orders exceeding the maximum order threshold, the Contractor may:

- (1) Offer a new lower price for this requirement (the Price Reductions clause is not applicable to orders placed over the maximum order in FAR 52.216-19 Order Limitations);
- (2) Offer the lowest price available under the contract; or
- (3) Decline the order (orders must be returned in accordance with FAR 52.216-19).

d. Blanket purchase agreements (BPAs). The establishment of Federal Supply Schedule BPAs is permitted when following the ordering procedures in FAR 8.404. All schedule contracts contain BPA provisions. ordering activities may use BPAs to establish accounts with Contractors to fill recurring requirements. BPAs should address the frequency of ordering and invoicing, discounts, and delivery locations and times.

e. Price reductions. In addition to the circumstances outlined in paragraph c, above, there may be instances when ordering activities will find it advantageous to request a price reduction. For example, when the ordering activity finds a schedule supply or service elsewhere at a lower price or when a BPA is being established to fill recurring requirements, requesting a price reduction could be advantageous. The potential volume of orders under these agreements, regardless of the size of the individual order, may offer the ordering activity the opportunity to secure greater discounts. Schedule Contractors are not required to pass on to all schedule users a price reduction extended only to an individual ordering activity for a specific order.

f. Small business. For orders exceeding the micro-purchase threshold, ordering activities should give preference to the items of small business concerns when two or more items at the same delivered price will satisfy the requirement.

g. Documentation. Orders should be documented, at a minimum, by identifying the Contractor the item was purchased from, the item purchased, and the amount paid. If an ordering activity requirement, in excess of the micro-purchase threshold, is defined so as to require a particular brand name, product, or feature of a product peculiar to one manufacturer, thereby precluding consideration of a product manufactured by another company, the

ordering activity shall include an explanation in the file as to why the particular brand name, product, or feature is essential to satisfy the ordering activity's needs.

13. FEDERAL INFORMATION TECHNOLOGY/TELECOMMUNICATION STANDARDS

REQUIREMENTS: ordering activities acquiring products from this Schedule must comply with the provisions of the Federal Standards Program, as appropriate (reference: NIST Federal Standards Index). Inquiries to determine whether or not specific products listed herein comply with Federal Information Processing Standards (FIPS) or Federal Telecommunication Standards (FED-STDS), which are cited by ordering activities, shall be responded to promptly by the Contractor.

13.1 FEDERAL INFORMATION PROCESSING STANDARDS PUBLICATIONS (FIPS PUBS): Information Technology products under this Schedule that do not conform to Federal Information Processing Standards (FIPS) should not be acquired unless a waiver has been granted in accordance with the applicable "FIPS Publication." Federal Information Processing Standards Publications (FIPS PUBS) are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Information concerning their availability and applicability should be obtained from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161. FIPS PUBS include voluntary standards when these are adopted for Federal use. Individual orders for FIPS PUBS should be referred to the NTIS Sales Office, and orders for subscription service should be referred to the NTIS Subscription Officer, both at the above address, or telephone number (703) 487-4650.

13.2 FEDERAL TELECOMMUNICATION STANDARDS (FED-STDS): Telecommunication products under this Schedule that do not conform to Federal Telecommunication Standards (FED-STDS) should not be acquired unless a waiver has been granted in accordance with the applicable "FED-STD." Federal Telecommunication Standards are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Ordering information and information concerning the availability of FED-STDS should be obtained from the GSA, Federal Supply Service, Specification Section, 470 East L'Enfant Plaza, Suite 8100, SW, Washington, DC 20407, telephone number (202)619-8925. Please include a self-addressed mailing label when requesting information by mail. Information concerning their applicability can be obtained by writing or calling the U.S. Department of Commerce, National Institute of Standards and Technology, Gaithersburg, MD 20899, telephone number (301)975-2833.

14. CONTRACTOR TASKS / SPECIAL REQUIREMENTS (C-FSS-370) (NOV 2001)

- (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 Pub .L. 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. 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, 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.

15. CONTRACT ADMINISTRATION FOR ORDERING ACTIVITIES: Any ordering activity, with respect to any one or more delivery orders placed by it under this contract, may exercise the same rights of termination as might the GSA Contracting Officer under provisions of FAR 52.212-4, paragraphs (l) Termination for the ordering activity's convenience, and (m) Termination for Cause (See C.1.)

16. GSA Advantage!

GSA Advantage! is an on-line, interactive electronic information and ordering system that provides on-line access to vendors' schedule prices with ordering information. GSA Advantage! will allow the user to perform various searches across all contracts including, but not limited to:

- (1) Manufacturer;
- (2) Manufacturer's Part Number; and
- (3) Product categories.

Agencies can browse GSA Advantage! by accessing the Internet World Wide Web utilizing a browser (ex.: NetScape). The Internet address is <http://www.fss.gsa.gov/>.

17. PURCHASE OF OPEN MARKET ITEMS

NOTE: Open Market Items are also known as incidental items, noncontract items, non-Schedule items, and items not on a Federal Supply Schedule contract. ODCs (Other Direct Costs) are not part of this contract and should be treated at open market purchases. Ordering Activities procuring open market items must follow FAR 8.401(d).

For administrative convenience, an ordering activity contracting officer may add items not on the Federal Supply Multiple Award Schedule (MAS) -- referred to as open market items -- to a Federal Supply Schedule blanket purchase agreement (BPA) or an individual task or delivery order, **only if-**

- (1) All applicable acquisition regulations pertaining to the purchase of the items not on the Federal Supply Schedule 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));

- (2) The ordering activity contracting officer has determined the price for the items not on the Federal Supply Schedule is fair and reasonable;
- (3) The items are clearly labeled on the order as items not on the Federal Supply Schedule; and
- (4) All clauses applicable to items not on the Federal Supply Schedule are included in the order.

18. CONTRACTOR COMMITMENTS, WARRANTIES AND REPRESENTATIONS

a. For the purpose of this contract, commitments, warranties and representations include, in addition to those agreed to for the entire schedule contract:

- (1) Time of delivery/installation quotations for individual orders;
- (2) Technical representations and/or warranties of products concerning performance, total system performance and/or configuration, physical, design and/or functional characteristics and capabilities of a product/equipment/ service/software package submitted in response to requirements which result in orders under this schedule contract.
- (3) Any representations and/or warranties concerning the products made in any literature, description, drawings and/or specifications furnished by the Contractor.

b. The above is not intended to encompass items not currently covered by the GSA Schedule contract.

19. OVERSEAS ACTIVITIES

The terms and conditions of this contract shall apply to all orders for installation, maintenance and repair of equipment in areas listed in the pricelist outside the 48 contiguous states and the District of Columbia, except as indicated below:

This contract only applies to the 48 contiguous states, the District of Columbia, Alaska, Hawaii, and Puerto Rico.

Upon request of the Contractor, the ordering activity may provide the Contractor with logistics support, as available, in accordance with all applicable ordering activity regulations. Such ordering activity support will be provided on a reimbursable basis, and will only be provided to the Contractor's technical personnel whose services are exclusively required for the fulfillment of the terms and conditions of this contract.

20. BLANKET PURCHASE AGREEMENTS (BPAs)

Federal Acquisition Regulation (FAR) 13.303-1(a) defines Blanket Purchase Agreements (BPAs) as "...a simplified method of filling anticipated repetitive needs for supplies or services by establishing 'charge accounts' with qualified sources of supply." The use of Blanket Purchase Agreements under the Federal Supply Schedule Program is authorized in accordance with FAR 13.303-2(c)(3), which reads, in part, as follows:

"BPAs may be established with Federal Supply Schedule Contractors, if not inconsistent with the terms of the applicable schedule contract."

Federal Supply Schedule contracts contain BPA provisions to enable schedule users to maximize their administrative and purchasing savings. This feature permits schedule users to set up "accounts" with Schedule Contractors to fill recurring requirements. These accounts establish a period for the BPA and generally address issues such as the frequency of ordering and invoicing, authorized callers, discounts, delivery locations and times. Agencies may qualify for the best quantity/volume discounts available under the contract, based on the potential volume of business

that may be generated through such an agreement, regardless of the size of the individual orders. In addition, agencies may be able to secure a discount higher than that available in the contract based on the aggregate volume of business possible under a BPA. Finally, Contractors may be open to a progressive type of discounting where the discount would increase once the sales accumulated under the BPA reach certain prescribed levels. Use of a BPA may be particularly useful with the new Maximum Order feature. See the Suggested Format, contained in this Schedule Pricelist, for customers to consider when using this purchasing tool.

21. CONTRACTOR TEAM ARRANGEMENTS

Contractors participating in contractor team arrangements must abide by all terms and conditions of their respective contracts. This includes compliance with Clauses 552.238-74, Industrial Funding Fee and Sales Reporting, i.e., each contractor (team member) must report sales and remit the IFF for all products and services provided under its individual contract.

22. INSTALLATION, DEINSTALLATION, REINSTALLATION

The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of \$2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall receive less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act apply.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8.

23. SECTION 508 COMPLIANCE.

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:

<http://www.cray.com/About/Legal/Section508.aspx>

The EIT standard can be found at: www.Section508.gov/.

24. PRIME CONTRACTOR ORDERING FROM FEDERAL SUPPLY SCHEDULES.

Prime Contractors (on cost reimbursement contracts) placing orders under Federal Supply Schedules, on behalf of an ordering activity, shall follow the terms of the applicable schedule and authorization and include with each order –

- (a) A copy of the authorization from the ordering activity with whom the contractor has the prime contract (unless a copy was previously furnished to the Federal Supply Schedule contractor); and
- (b) The following statement:

This order is placed under written authorization from _____ dated _____. In the event of any inconsistency between the terms and conditions of this order and those of your Federal Supply Schedule contract, the latter will govern.

25. INSURANCE—WORK ON A GOVERNMENT INSTALLATION (JAN 1997)(FAR 52.228-5)

- (a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract.
- (b) Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—
- (1) For such period as the laws of the State in which this contract is to be performed prescribe; or
 - (2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.
- (c) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

**TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT
(SPECIAL ITEM NUMBER 132-8)**

1. MATERIAL AND WORKMANSHIP

All equipment furnished hereunder must satisfactorily perform the function for which it is intended.

2. ORDER

Written orders, EDI orders (GSA Advantage! and FACNET), credit card orders, and orders placed under blanket purchase agreements (BPA) agreements shall be the basis for purchase in accordance with the provisions of this contract. If time of delivery extends beyond the expiration date of the contract, the Contractor will be obligated to meet the delivery and installation date specified in the original order.

For credit card orders and BPAs, telephone orders are permissible.

3. TRANSPORTATION OF EQUIPMENT

FOB DESTINATION. Prices cover equipment delivery to destination, for any location within the geographic scope of this contract.

4. INSTALLATION AND TECHNICAL SERVICES

a. **INSTALLATION.** When the equipment provided under this contract is not normally self-installable, the Contractor's technical personnel shall be available to the ordering activity, at the ordering activity's location, to install the equipment and to train ordering activity personnel in the use and maintenance of the equipment. The charges, if any, for such services are listed below, or in the price schedule:

Installation charges for the Cray XT computer systems are included in the price of the product. Deinstallation and reinstallation services can be purchased from Cray for negotiated prices. Cray does not provide equipment maintenance training to customers.

b. **INSTALLATION, DEINSTALLATION, REINSTALLATION.** The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of \$2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall received less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act applies.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8.

c. **OPERATING AND MAINTENANCE MANUALS.** The Contractor shall furnish the ordering activity with one (1) copy of all operating and maintenance manuals which are normally provided with the equipment being purchased. The operating manuals normally provided with the purchased equipment are available on-line to download; however, maintenance manuals are not available to customers.

5. INSPECTION/ACCEPTANCE

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any equipment that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming equipment at no increase in contract price. The ordering activity 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.

6. WARRANTY

- a. Unless specified otherwise in this contract, the Contractor's standard commercial warranty as stated in the contract's commercial pricelist will apply to this contract.
- b. The Contractor warrants and implies that the items delivered hereunder are merchantable.
- c. **Limitation of Liability.** Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.
- d. If inspection and repair of defective equipment under this warranty will be performed at the Contractor's plant, the address is as follows: **Cray Inc., 1050 Lowater Road, Chippewa Falls, WI 54729**

7. PURCHASE PRICE FOR ORDERED EQUIPMENT

The purchase price that the ordering activity will be charged will be the ordering activity purchase price in effect at the time of order placement, or the ordering activity purchase price in effect on the installation date (or delivery date when installation is not applicable), whichever is less.

8. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City or otherwise) covering work of this character, and shall include all costs, if any, of such compliance in the prices quoted in this offer.

9. TRADE-IN OF INFORMATION TECHNOLOGY EQUIPMENT

When an ordering activity determines that Information Technology equipment will be replaced, the ordering activity shall follow the contracting policies and procedures in the Federal Acquisition Regulation (FAR), the policies and procedures regarding disposition of information technology excess personal property in the Federal Property Management Regulations (FPMR) (41 CFR 101-43.6), and the policies and procedures on exchange/sale contained in the FPMR (41 CFR part 101-46).

10. PATENTS AND COPYRIGHTS

If a third party claims that the Equipment or Cray Software provided to Customer infringes that party's U.S. patent or copyright, Cray will defend Customer against that claim at Cray's expense and pay all costs, damages and attorney's fees that a court finally awards or are included in a settlement approved by Cray, provided that Customer promptly notifies Cray in writing of such claim, allows Cray to control, and Customer cooperates with Cray in, the defense and any related settlement negotiations.

If such a claim is made or appears likely to be made, Customer agrees to permit Cray to enable Customer to continue to use the Equipment and/or Cray Software, or to modify the Equipment and/or Cray Software so that they become non-infringing, or replace such items with items that are at least functionally equivalent. If Cray determines that none of these alternatives is reasonably available, Customer agrees to return the Equipment and/or Cray Software to Cray at Cray's written request. Cray will then give Customer credit equal to Customer's net book value of the Equipment provided Customer has followed generally accepted accounting principles. Cray has no obligation whatsoever regarding any claim based on: (i) any Customer or third-party hardware or software that is incorporated into the Equipment or Cray Software without Cray's written permission, or Cray's compliance with any designs, specifications or instructions provided by or on behalf of Customer; (ii) Customer's modification of the Equipment or Cray Software or use of the Equipment in other than a specified operating environment; (iii) the combination, operation or use of the Equipment with other products not provided by Cray as a system, or the combination, operation or use of the Equipment or Cray Software with any product, data, apparatus or business method that Cray did not provide; (iv) the distribution, operation or use of the Equipment or Cray Software for the benefit of a third party outside the Customer and the Customer's enterprise; or (v) infringement by a non-Cray product alone.

11. EXPORT COMPLIANCE

Customer agrees (and agrees to cause any subsequent buyer of the Equipment and/or licensee or user of the Software to agree) to comply with U.S. Department of Commerce and any other U.S. export requirements on export and re-export of any Equipment including any parts or components, licensed Software, or any other Cray intellectual property. Customer also will comply with all other applicable export and import laws and regulations.

**TERMS AND CONDITIONS APPLICABLE TO MAINTENANCE, REPAIR
SERVICE AND REPAIR PARTS/SPARE PARTS FOR GOVERNMENT-OWNED
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY
EQUIPMENT (AFTER EXPIRATION OF GUARANTEE/WARRANTY
PROVISIONS AND/OR WHEN REQUIRED SERVICE IS NOT COVERED
BY GUARANTEE/WARRANTY PROVISIONS) AND FOR LEASED EQUIPMENT
(SPECIAL ITEM NUMBER 132-12)**

1. SERVICE AREAS

a. The maintenance and repair service rates listed herein are applicable to any ordering activity location within a fifty (50) mile radius of the Contractor's service points. If any additional charge is to apply because of the greater distance from the Contractor's service locations, the mileage rate or other distance factor shall be stated in paragraphs 7.d and 8.d of this Special Item Number 132-12.

b. When repair services cannot be performed at the ordering activity installation site, the repair services will be performed at the Contractor's plant(s) listed below:

Cray Inc., 1050 Lowater Road, Chippewa Falls, WI 54729

2. MAINTENANCE ORDER

a. Agencies may use written orders, EDI orders, credit card orders, or BPAs, for ordering maintenance under this contract. The Contractor shall confirm orders within fifteen (15) calendar days from the date of receipt, except that confirmation of orders shall be considered automatic for renewals for maintenance (Special Item Number 132-12). Automatic acceptance of order renewals for maintenance service shall apply for machines which may have been discontinued from use for temporary periods of time not longer than 120 calendar days. If the order is not confirmed by the Contractor as prescribed by this paragraph, the order shall be considered to be confirmed by the Contractor.

b. The Contractor shall honor orders for maintenance for the duration of the contract period or a lesser period of time, for the equipment shown in the pricelist. Maintenance service shall commence on a mutually agreed upon date, which will be written into the maintenance order. Maintenance orders shall not be made effective before the expiration of any applicable maintenance and parts guarantee/warranty period associated with the purchase of equipment. Orders for maintenance service shall not extend beyond the end of the contract period.

c. Maintenance may be discontinued by the ordering activity on thirty (30) calendar days written notice, or shorter notice when agreed to by the Contractor; such notice to become effective thirty (30) calendar days from the date on the notification. However, the ordering activity may extend the original discontinuance date upon written notice to the Contractor, provided that such notice is furnished at least ten (10) calendar days prior to the original discontinuance date.

d. Annual Funding. When annually appropriated funds are cited on a maintenance order, the period of maintenance shall automatically expire on September 30th of the contract period, or at the end of the contract period, whichever occurs first. Renewal of a maintenance order citing the new appropriation shall be required, if maintenance is to continue during any remainder of the contract period.

e. Cross-year Funding Within Contract Period. Where an ordering activity's specific appropriation authority provides for funds in excess of a 12 month, fiscal year period, the ordering activity may place an order under this schedule contract for a period up to the expiration of the contract period, notwithstanding the intervening fiscal years.

f. Ordering activities should notify the Contractor in writing thirty (30) calendar days prior to the expiration of maintenance service, if maintenance is to be terminated at that time. Orders for continued maintenance will be required if maintenance is to be continued during the subsequent period.

3. REPAIR SERVICE AND REPAIR PARTS/SPARE PARTS ORDERS

- a. Agencies may use written orders, EDI orders, credit card orders, blanket purchase agreements (BPAs), or small order procedures for ordering repair service and/or repair parts/spare parts under this contract. Orders for repair service shall not extend beyond the end of the contract period.
- b. When repair service is ordered, only one chargeable repairman shall be dispatched to perform repair service, unless the ordering activity agrees, in advance, that additional repair personnel are required to effect repairs.

4. LOSS OR DAMAGE

When the Contractor removes equipment to his establishment for repairs, the Contractor shall be responsible for any damage or loss, from the time the equipment is removed from the ordering activity installation, until the equipment is returned to such installation.

5. SCOPE

- a. The Contractor shall provide maintenance for all equipment listed herein, as requested by the ordering activity during the contract term. Repair service and repair parts/spare parts shall apply exclusively to the equipment types/models within the scope of this Information Technology Schedule.
- b. Equipment placed under maintenance service shall be in good operating condition.
 - (1) In order to determine that the equipment is in good operating condition, the equipment shall be subject to inspection by the Contractor, without charge to the ordering activity.
 - (2) Costs of any repairs performed for the purpose of placing the equipment in good operating condition shall be borne by the Contractor, if the equipment was under the Contractor's guarantee/warranty or maintenance responsibility prior to the effective date of the maintenance order.
 - (3) If the equipment was not under the Contractor's responsibility, the costs necessary to place the equipment in proper operating condition are to be borne by the ordering activity, in accordance with the provisions of Special Item Number 132-12 (or outside the scope of this contract).

6. RESPONSIBILITIES OF THE ORDERING ACTIVITY

- a. Ordering activity personnel shall not perform maintenance or attempt repairs to equipment while such equipment is under the purview of a maintenance order, unless agreed to by the Contractor.
- b. Subject to security regulations, the ordering activity shall permit access to the equipment which is to be maintained or repaired.

7. RESPONSIBILITIES OF THE CONTRACTOR

For equipment not covered by a maintenance contract or warranty, the Contractor's repair service personnel shall complete repairs as soon as possible after notification by the ordering activity that service is required. Within the service areas, this repair service should normally be done within 4 hours after notification.

8. MAINTENANCE RATE PROVISIONS

- a. The Contractor shall bear all costs of maintenance, including labor, parts, and such other expenses as are necessary to keep the equipment in good operating condition, provided that the required repairs are not occasioned by fault or negligence of the ordering activity.

b. **REGULAR HOURS**

The basic monthly rate for each make and model of equipment shall entitle the ordering activity to maintenance service during a mutually agreed upon nine (9) hour principal period of maintenance, Monday through Friday, exclusive of holidays observed at the ordering activity location.

c. **AFTER HOURS**

Should the ordering activity require that maintenance be performed outside of Regular Hours, charges for such maintenance, if any, will be specified in the pricelist. Periods of less than one hour will be prorated to the nearest quarter hour.

d. **TRAVEL AND TRANSPORTATION**

If any charge is to apply, over and above the regular maintenance rates, because of the distance between the ordering activity location and the Contractor's service area, the charge will be: NONE

e. **QUANTITY DISCOUNTS**

Quantity discounts from listed maintenance service rates for multiple equipment owned and/or leased by a ordering activity are indicated below:

Quantity discounts apply to equipment co-located at one site and vary for different products.

For the **Cray XT3** product, the following table applies for co-located equipment:

Item	Quantity Range	Discount from Cray Commercial List Price
Compute Blades with AMD processors	1 thru 24	23%
Compute Blades with AMD processors	25 thru 576	79%
Compute Blades with AMD processors	Greater than 576	85%
Service Blades with AMD processors	1 thru 3	23%
Service Blades with AMD processors	4 thru 144	79%
Service Blades with AMD processors	Greater than 144	85%

For the **Cray XT product** (excluding Cray XT3), the following table applies for co-located equipment:

Item	Quantity Range	Discount from Cray Commercial List Price
Compute Blades with AMD processors	1 thru 16	23%
Compute Blades with AMD processors	17 thru 560	79%
Compute Blades with AMD processors	Greater than 560	85%
Service Blades with AMD processors	1 thru 3	23%
Service Blades with AMD processors	4 thru 140	79%
Service Blades with AMD processors	Greater than 140	85%

9. **REPAIR SERVICE RATE PROVISIONS**

a. **CHARGES.** Charges for repair service will include the labor charge, computed at the rates set forth below, for the time during which repairmen are actually engaged in work, and, when applicable, the charge for travel or transportation.

b. **MULTIPLE MACHINES.** When repairs are ordered by a ordering activity on two or more machines located in one or more buildings within walking distance of each other, the charges will be computed from the time the repairman commences work on the first machine, until the work is completed on the last machine. The time required to go from one machine to another, or from one building to another, will be considered actual work performance, and chargeable to the ordering activity, provided the time consumed in going between machines (or buildings) is reasonable.

c. **TRAVEL OR TRANSPORTATION**

(1) **AT THE CONTRACTOR'S SHOP**

(a) When equipment is returned to the Contractor's shop for adjustments or repairs which are not covered by the guarantee/warranty provision, the cost of transportation, packing, etc., from the ordering activity location to the Contractor's plant, and return to the ordering activity location, shall be borne by the ordering activity.

(b) The ordering activity should not return defective equipment to the Contractor for adjustments and repairs or replacement without his prior consultation and instruction.

(2) **AT THE ORDERING ACTIVITY LOCATION (Within Established Service Areas)**

When equipment is repaired at the ordering activity location, and repair service rates are established for service areas or zones, the listed rates are applicable to any ordering activity location within such service areas or zones. No extra charge, time, or expense will be allowed for travel or transportation of repairmen or machines to or from the ordering activity office; such overhead is included in the repair service rates listed.

(3) **AT THE ORDERING ACTIVITY LOCATION (Outside Established Service Areas)**

(a) The repair service rates listed for subparagraph (2) above apply, except that a travel charge of \$0.50 per mile for repairmen will apply to the round-trip distance between the geographic limits of the applicable service area and the ordering activity location. Such charge will apply as an additional charge, but it will be limited to one round trip for each request that is made by the ordering activity for repair service, regardless of whether repairs are performed at the ordering activity location or at the Contractor's shop.

(b) When the overall travel charge computed at the above mileage rate is unreasonable (considering the time required for travel, actual and necessary transportation costs, and the allowable ordering activity per diem rate for each night the repairman is required to remain overnight at the ordering activity location), the ordering activity shall have the option of reimbursing the Contractor for actual costs, provided that the actual costs are reasonable and allowable. The Contractor shall furnish the ordering activity with a report of travel performed and related expenses incurred. The report shall include departure and arrival dates, times, and the applicable mode of travel.

d. **LABOR RATES**

(1) **REGULAR HOURS**

The Regular Hours repair service rates listed herein shall entitle the ordering activity to repair service during the period 8:00 a.m. to 5:00 p.m., Monday through Friday, exclusive of holidays observed at the ordering activity location. There shall be no additional charge for repair service which was requested during Regular Hours, but performed outside the Regular Hours defined above, at the convenience of the Contractor.

(2) **AFTER HOURS**

When the ordering activity requires that repair service be performed outside the Regular Hours defined above, except Sundays and Holidays observed at the ordering activity location, the After Hours repair service rates listed herein shall apply. The Regular Hours rates defined above shall apply when repair service is requested during Regular Hours, but performed After Hours at the convenience of the Contractor.

(3) **SUNDAYS AND HOLIDAYS**

When the ordering activity requires that repair service be performed on Sundays and Holidays observed at the ordering activity location, the Sundays and Holidays repair service rates listed herein shall apply. When repair service is requested to be performed during Regular Hours and/or After Hours, but is performed at the convenience of the Contractor on Sundays or Holidays observed at the ordering activity location, the Regular Hours and/or After Hours repair service rates, as applicable, shall apply.

REPAIR SERVICE RATES

LOCATION	MINIMUM CHARGE*	REGULAR HOURS PER HOUR**	AFTER HOURS PER HOUR**	SUNDAYS AND HOLIDAYS PER HOUR
CONTRACTOR'S SHOP	\$300	\$150	\$180	\$210
ORDERING ACTIVITY LOCATION (WITHIN ESTABLISHED SERVICE AREAS)	\$360	\$180	\$210	\$240
ORDERING ACTIVITY LOCATION (OUTSIDE ESTABLISHED SERVICE AREAS)	\$360	\$180	\$210	\$240

*MINIMUM CHARGES INCLUDE 2 FULL HOURS ON THE JOB.

**FRACTIONAL HOURS, AT THE END OF THE JOB, WILL BE PRORATED TO THE NEAREST QUARTER HOUR.

10. REPAIR PARTS/SPARE PARTS RATE PROVISIONS

All parts, furnished as spares or as repair parts in connection with the repair of equipment, unless otherwise indicated in this pricelist, shall be new, standard parts manufactured by the equipment manufacturer. All parts shall be furnished at prices indicated in the Contractor's commercial pricelist dated (***Not Applicable**), at a discount of (***Not applicable**) % from such listed prices. *** Contractor does not provide parts as stand-alone priced items.**

11. GUARANTEE/WARRANTY—REPAIR SERVICE AND REPAIR PARTS/SPARE PARTS

a. REPAIR SERVICE

All repair work will be guaranteed/warranted for a period of 90 days.

b. REPAIR PARTS/SPARE PARTS

All parts, furnished either as spares or repairs parts will be guaranteed/warranted for a period 90 days.

12. INVOICES AND PAYMENTS

a. Maintenance Service

(1) Invoices for maintenance service shall be submitted by the Contractor on a quarterly or monthly basis, after the completion of such period. Maintenance charges must be paid in arrears (31 U.S.C. 3324). PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.

(2) Payment for maintenance service of less than one month's duration shall be prorated at 1/30th of the monthly rate for each calendar day.

b. Repair Service and Repair Parts/Spare Parts

Invoices for repair service and parts shall be submitted by the Contractor as soon as possible after completion of work. Payment under blanket purchase agreements will be made quarterly or monthly, except where cash payment procedures are used. Invoices shall be submitted separately to each ordering activity office ordering services under the contract. The cost of repair parts shall be shown as a separate item on the invoice, and shall be priced in accordance with paragraph #10, above. PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.

**TERMS AND CONDITIONS APPLICABLE TO
PERPETUAL SOFTWARE LICENSES (SPECIAL ITEM NUMBER 132-33) AND
MAINTENANCE (SPECIAL ITEM NUMBER 132-34) OF GENERAL PURPOSE
COMMERCIAL INFORMATION TECHNOLOGY SOFTWARE**

1. INSPECTION/ACCEPTANCE

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any software that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming software at no increase in contract price. The ordering activity 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 software, unless the change is due to the defect in the software.

2. GUARANTEE/WARRANTY

a. Unless specified otherwise in this contract, the Contractor's standard commercial guarantee/warranty as stated in the contract's commercial pricelist will apply to this contract.

THE SOFTWARE IS PROVIDED BY CONTRACTOR "AS IS", AND ALL WARRANTIES WITH RESPECT TO THE SOFTWARE, EXPRESS OR IMPLIED, ARE HEREBY DISCLAIMED AND EXCLUDED BY CONTRACTOR, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE, OR FREEDOM OF THE SOFTWARE FROM INFRINGEMENT OF THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS, AND ALL OBLIGATIONS OR LIABILITIES ON THE PART OF CONTRACTOR FOR DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE, MAINTENANCE OR PERFORMANCE OF THE SOFTWARE. The ordering activity is responsible for the selection of the software to achieve its intended results, the ordering activity's use of the software, and the results obtained by ordering activity with the software.

b. The Contractor warrants and implies that the items delivered hereunder are merchantable.

c. Limitation of Liability. Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.

3. TECHNICAL SERVICES

The Contractor, without additional charge to the ordering activity, shall provide a hot line technical support number 651-605-8810 for the purpose of providing user assistance and guidance in the implementation of the software. The technical support number is available 24 hours per day, 7 days a week.

4. SOFTWARE MAINTENANCE

a. Software maintenance service shall include the following:

Contractor's Obligations

Telephone Support

Contractor will make access to Contractor's toll-free support number available to Ordering Activity during the PPM. Contractor will work with Ordering Activity to remotely diagnose and identify Products not performing in accordance with Contractor's specifications, and will provide to Ordering Activity limited technical assistance regarding Ordering Activity's use of Products and related documentation.

Licensed Software Support

Contractor will process Ordering Activity's Licensed Software/documentation bug reports and enhancement requests, at **Contractor's** discretion, and provide Ordering Activity with status on Ordering Activity's reports/requests at Ordering Activity's request.

Software Updates

Contractor will provide Ordering Activity with access to updates for Licensed Software that Ordering Activity has previously licensed from Contractor on the general release of such updates to Contractor's Ordering Activity. Ordering Activity agrees that if Ordering Activity chooses not to install a Licensed Software update within the later of six (6) months after Ordering Activity receives it from Contractor or while the revision level is within one (1) revision of the current level, Contractor may limit the Support that Contractor provides for such Licensed Software. Contractor will provide Support for the current major release. Support of the previous major release will continue for a minimum of three (3) months and a maximum of six (6) months. The period during which the previous major release is supported will depend on Contractor's estimation of the stability of the current major release, which determination will be commercially reasonable. Contractor will only support Licensed Software when used with Equipment configurations consistent with the published specifications for that Licensed Software or otherwise approved in writing by Contractor. Contractor will not change its software support policy relative to Ordering Activity without providing Ordering Activity at least six (6) months advance written notice, which notice will not be given during the initial twelve (12) month period of this Agreement. If Contractor does provide such notice Ordering Activity shall have the right to cancel Support for any effected Licensed Software upon the effective date of such change. Contractor, at its sole discretion, will provide limited support for previous Major Releases. Ordering Activity will be provided with access to CRInform on-line technical information.

Ordering Activity's Obligations

Limit Access to Technical Information

Ordering Activity will limit access to Contractor's technical information and Licensed Software in Ordering Activity's possession solely to Ordering Activity's employees specifically needing to use such information for operation of Products.

Notification of Problems

Ordering Activity will promptly notify Contractor of any failures or bugs in Products, and give Contractor any reasonable assistance requested by Contractor in performing its obligations hereunder, including cooperation with Contractor's support personnel in performing reasonable Product testing, and allowing access to Products and information relating to any problem Ordering Activity reports to Contractor.

Limitation on Licensed Software Support

Ordering Activity agrees to limit its use of Support to circumstances when the Licensed Software fails to function as specified in the applicable Contractor User's Guide or other Contractor documentation or when Ordering Activity believes that Contractor documentation is unclear as to the proper use or configuration of the Licensed Software.

Support Exclusions and Limitations

Support Exclusions

Except by separate, written agreement, Contractor will not provide Support for software not supplied by Contractor and Contractor will not be liable or responsible for the performance or nonperformance of such software, the support services provided by the suppliers thereof, or incompatibility between Contractor Products and such software.

- b. Invoices for maintenance service shall be submitted by the Contractor on a quarterly or monthly basis, after the completion of such period. Maintenance charges must be paid in arrears (31 U.S.C. 3324). **PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.**

5. PERIOD OF MAINTENANCE (132-34)

- a. The Contractor shall honor orders for periods for the duration of the contract period or a lesser period of time.
- b. Maintenance may be discontinued by the ordering activity on thirty (30) calendar days written notice to the Contractor.
- c. **Annual Funding.** When annually appropriated funds are cited on an order for maintenance, the period of the maintenance shall automatically expire on September 30 of the contract period, or at the end of the contract period, whichever occurs first. Renewal of the maintenance orders citing the new appropriation shall be required, if the term licenses and/or maintenance is to be continued during any remainder of the contract period.
- d. **Cross-Year Funding Within Contract Period.** Where an ordering activity's specific appropriation authority provides for funds in excess of a 12 month (fiscal year) period, the ordering activity may place an order under this schedule contract for a period up to the expiration of the contract period, notwithstanding the intervening fiscal years.
- e. Ordering activities should notify the Contractor in writing thirty (30) calendar days prior to the expiration of an order, if the maintenance is to be terminated at that time. Orders for the continuation of maintenance will be required if maintenance is to be continued during the subsequent period.

6. CONVERSION FROM TERM LICENSE TO PERPETUAL LICENSE is NOT applicable because Cray does not offer term licenses.

- a. The ordering activity may convert term licenses to perpetual licenses for any or all software at any time following acceptance of software. At the request of the ordering activity the Contractor shall furnish, within ten (10) calendar days, for each software product that is contemplated for conversion, the total amount of conversion credits which have accrued while the software was on a term license and the date of the last update or enhancement.
- b. Conversion credits which are provided shall, within the limits specified, continue to accrue from one contract period to the next, provided the software remains on a term license within the ordering activity.
- c. The term license for each software product shall be discontinued on the day immediately preceding the effective date of conversion from a term license to a perpetual license.
- d. The price the ordering activity shall pay will be the perpetual license price that prevailed at the time such software was initially ordered under a term license, or the perpetual license price prevailing at the time of conversion from a term license to a perpetual license, whichever is the less, minus an amount equal to _____% of all term license payments during the period that the software was under a term license within the ordering activity.

7. TERM LICENSE CESSATION is NOT applicable because Cray does not offer term licenses.

- a. After a software product has been on a continuous term license for a period of _____ * months, a fully paid-up, non-exclusive, perpetual license for the software product shall automatically accrue to the ordering activity. The period of continuous term license for automatic accrual of a fully paid-up perpetual license does not have to be achieved during a particular fiscal year; it is a written Contractor commitment which continues to be available for software that is initially ordered under this contract, until a fully paid-up perpetual license accrues to the ordering activity. However, should the term license of the software be discontinued before the specified period of the continuous term license has been satisfied, the perpetual license accrual shall be forfeited.
- b. The Contractor agrees to provide updates and maintenance service for the software after a perpetual license has accrued, at the prices and terms of Special Item Number 132-34, if the licensee elects to order such services. Title to the software shall remain with the Contractor.

8. UTILIZATION LIMITATIONS - (132-33, AND 132-34)

- a. Software acquisition is limited to commercial computer software defined in FAR Part 2.101.
- b. When acquired by the ordering activity, commercial computer software and related documentation so legend shall be subject to the following:
 - (1) Title to and ownership of the software and documentation shall remain with the Contractor, unless otherwise specified.
 - (2) Software licenses are by site and by ordering activity. An ordering activity is defined as a cabinet level or independent ordering activity. The software may be used by any subdivision of the ordering activity (service, bureau, division, command, etc.) that has access to the site the software is placed at, even if the subdivision did not participate in the acquisition of the software. Further, the software may be used on a sharing basis where multiple agencies have joint projects that can be satisfied by the use of the software placed at one ordering activity's site. This would allow other agencies access to one ordering activity's database. For ordering activity public domain databases, user agencies and third parties may use the computer program to enter, retrieve, analyze and present data. The user ordering activity will take appropriate action by instruction, agreement, or otherwise, to protect the Contractor's proprietary property with any third parties that are permitted access to the computer programs and documentation in connection with the user ordering activity's permitted use of the computer programs and documentation. For purposes of this section, all such permitted third parties shall be deemed agents of the user ordering activity.
 - (3) Except as is provided in paragraph 8.b(2) above, the ordering activity shall not provide or otherwise make available the software or documentation, or any portion thereof, in any form, to any third

party without the prior written approval of the Contractor. Third parties do not include prime Contractors, subcontractors and agents of the ordering activity who have the ordering activity's permission to use the licensed software and documentation at the facility, and who have agreed to use the licensed software and documentation only in accordance with these restrictions. This provision does not limit the right of the ordering activity to use software, documentation, or information therein, which the ordering activity may already have or obtains without restrictions.

(4) The ordering activity shall have the right to use the computer software and documentation with the computer for which it is acquired at any other facility to which that computer may be transferred, or in cases of disaster recovery, the ordering activity has the right to transfer the software to another site if the ordering activity site for which it is acquired is deemed to be unsafe for ordering activity personnel; to use the computer software and documentation with a backup computer when the primary computer is inoperative; to copy computer programs for safekeeping (archives) or backup purposes; to transfer a copy of the software to another site for purposes of benchmarking new hardware and/or software; and to modify the software and documentation or combine it with other software, provided that the unmodified portions shall remain subject to these restrictions.

(5) "Commercial Computer Software" may be marked with the Contractor's standard commercial restricted rights legend, but the schedule contract and schedule pricelist, including this clause, "Utilization Limitations" are the only governing terms and conditions, and shall take precedence and supersede any different or additional terms and conditions included in the standard commercial legend.

c. For purposes of these terms and conditions, the following words, terms and phrases will have the meanings assigned to them below:

(1) "GNU Public License" will mean the GNU General Public License published by the Free Software Foundation, Inc.

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j. The software, including but not limited to the Contractor Licensed Software, is not designed or licensed for use in on-line control equipment in hazardous environments such as operation of nuclear facilities, or aircraft navigation or control, and is not intended to be used in life-support systems or procedures, in medical diagnostic applications, in connection with surgical or other intrusive procedures or otherwise to implement medical procedures or sustain life. The ordering activity will not use the Contractor Licensed Software for any such application.

k. The ordering activity's rights and obligations with respect to the Additionally Restricted Software, if any, will be subject to the provisions of the additional license terms and conditions described at the time of order. In the event of any conflict between those license terms and conditions and any provision of this Section 8, the license those other terms and conditions will prevail with respect to the Additionally Restricted Software.

l. The ordering activity's rights to the software may be terminated (i) by the ordering activity with or without cause, upon twenty (20) days written notice to Contractor, or (ii) by Contractor upon written notice to the ordering activity in the event the ordering activity is in material breach of these terms and conditions and fails to cure such breach within thirty (30) days of receipt of written notice thereof from Contractor. Within ten (10) days after termination for any reason the ordering activity will return to Contractor any copies in its possession of the Contractor Licensed Software and all other Confidential Information. The ordering activity's obligations under this Section 8 will survive termination or expiration. The ordering activity's rights and obligations with respect to the GNU Public License Software and Open Source License Software will survive the termination or expiration of this Agreement in accordance with the terms and conditions of the applicable Open Source License Terms or version of the GNU Public License.

9. SOFTWARE CONVERSIONS - (132-33) References to term licenses are not applicable to Cray.

Full monetary credit will be allowed to the ordering activity when conversion from one version of the software to another is made as the result of a change in operating system, or from one computer system to another. Under a

perpetual license (132-33), the purchase price of the new software shall be reduced by the amount that was paid to purchase the earlier version. Under a term license (132-32), conversion credits which accrued while the earlier version was under a term license shall carry forward and remain available as conversion credits which may be applied towards the perpetual license price of the new version.

10. DESCRIPTIONS AND EQUIPMENT COMPATIBILITY

The Contractor shall include, in the schedule pricelist, a complete description of each software product and a list of equipment on which the software can be used. Also, included shall be a brief, introductory explanation of the modules and documentation which are offered.

11. RIGHT-TO-COPY PRICING

The Contractor shall insert the discounted pricing for right-to-copy licenses. **This is NOT applicable.**

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

PREAMBLE

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

COMMITMENT

To actively seek and partner with small businesses.

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

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

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

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

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

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

We signify our commitment to work in partnership with small, small disadvantaged and women-owned small businesses to promote and increase their participation in ordering activity contracts. To accelerate potential opportunities please contact: **Philip J. Steffes, Phone: 651-605-8995, E-Mail: steffes@cray.com, and Fax: 651-605-9123.**

BPA NUMBER _____

(CUSTOMER NAME)
BLANKET PURCHASE AGREEMENT

Pursuant to GSA Federal Supply Schedule Contract Number(s) _____, Blanket Purchase Agreements, the Contractor agrees to the following terms of a Blanket Purchase Agreement (BPA) EXCLUSIVELY WITH (ordering activity):

(1) The following contract items 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:

MODEL NUMBER/PART NUMBER	*SPECIAL BPA DISCOUNT/PRICE
_____	_____
_____	_____
_____	_____

(2) Delivery:

DESTINATION	DELIVERY SCHEDULES / DATES
_____	_____
_____	_____
_____	_____

(3) The ordering activity 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:

OFFICE	POINT OF CONTACT
_____	_____
_____	_____
_____	_____

(7) Orders will be placed against this BPA via Electronic Data Interchange (EDI), FAX, or paper.

(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) Purchase 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 specified in the Federal Supply Schedule contract. Invoices will be submitted to the address specified within the purchase 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.

BASIC GUIDELINES FOR USING “CONTRACTOR TEAM ARRANGEMENTS”

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

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

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

Here is a general outline on how it works:

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

SECTION VI: CRAY PRODUCTS AND SERVICES PRICING

The Cray GSA Schedule Price List is provided below.

GSA PRICE LIST 2011

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES
OFFEROR NAME:	CRAY INC.		
MANUFACTURER NAME:	CRAY INC.		
PRODUCT FAMILY:	CRAY XT		
SPECIAL ITEM NUMBER:	132-8		
BM002B	LSI 3992 RAID subsystem with space for Boot set, Lustre MDS. Dual-controllers.	\$ 26,206.65	
BM003B	LSI 4998 RAID subsystem with space for Boot set, Lustre MDS. Four (4) FC 8 mbps interfaces.	\$ 37,511.34	
C9902F8A	S2A9900 Couplet, 8 x 8Gbps Fibre Channel Host Ports (includes power cables and rail kit for rack mounting), includes license for four host ports and 300 drives includes support for RAID6, SATAAssure and SATAAssure Plus	\$ 156,725.44	see Note 3
C9902I8A	S2A9900 Couplet 8 x Infiniband 4X DDR Host Ports (includes power cables and rail kit for rack mounting), includes license for four host ports and 300 drives includes support for RAID6, SATAAssure and SATAAssure Plus	\$ 169,571.79	see Note 3
CKSS105M16A	SAS Cable Kit (includes ten 5M SAS cables to connect C9901 Singlet to 16-bay drive enclosures)	\$ 2,004.03	see Note 3
CKSS105M60A	SAS Cable Kit (includes ten 5M SAS cables to connect C9901 Singlet to 60-bay drive enclosures)	\$ 2,055.42	see Note 3
CKSSDCA	SAS Daisy Chain Cable Kit (to expand from 10 to 20 60-bay drive enclosures)	\$ 1,747.10	see Note 3
DDCSF10FC8	DDN SFA10000 Couplet w/ 16 x FC-8 ports, (includes power cables, SFA interconnect cables and rail kit for rack mounting), SATAAssure, All Available RAID levels, 16GB of Cache	\$ 179,848.87	see Note 3
DDCSF10IBQ	DDN SFA10000 Couplet w/ 8 x QDR IB ports, (includes power cables, SFA interconnect cables and rail kit for rack mounting), SATAAssure, All Available RAID levels, 16GB of Cache	\$ 192,695.21	see Note 3
DE016S1A	DDN S2A9900 16-bay enclosure for 3.5" SAS drives - includes power cables, rail kit and cable management guide	\$ 4,624.69	see Note 3
DE024S1A	Gray 24-Slot Dual-Port SAS enclosure for 2.5" drives (includes power cables, rail kit for rack mounting, and cable management guide), only for S2A9900	\$ 5,035.77	see Note 3
DE024S6A	Gray 24-Slot Dual-Port 6 gb/s SAS enclosure for 2.5" drives (includes power cables, rail kit for rack mounting, and cable management guide), only for S2A9900	\$ 5,035.77	see Note 3
DE060S1A	DDN 60-bay 3Gb SAS drive enclosure, for 3.5" drives(includes power cables, rail kit for rack mounting, and cable management guide), for SFA10000, S2A9900 and S2A6620 only	\$ 17,471.03	see Note 3
DMSA050007CA	500GB 7,200 RPM SATA drive module for DDN 60-slot enclosure	\$ 249.87	see Note 3
DMSA100007CA	1TB 7,200 RPM SATA drive module for DDN 60-slot enclosure	\$ 562.22	see Note 3
DMSA200007CA	2.0TB 7,200 RPM SATA drive module for DDN 60-slot enclosure	\$ 562.22	see Note 3
DMSS030015BA	300GB 15K SAS drive module for use with 16-bay enclosure with DDN S2A9900	\$ 541.29	see Note 3
DMSS030015CA	300GB 15K RPM SAS drive module for 60-slot enclosure	\$ 718.39	see Note 3
DMSS040010CA	400GB 10K RPM SAS drive module for DDN 60-slot enclosure	\$ 530.98	see Note 3
DMSS045010DA	DDN 450GB 10K RPM 2.5" SAS drive module for 24-bay 2.5" enclosure	\$ 780.86	see Note 3
DMSS045015CA	450GB 15K RPM SAS drive module for DDN 60-slot enclosure	\$ 937.03	see Note 3
DMSS060015CA	600GB 15K RPM SAS drive module for DDN 60-slot enclosure	\$ 1,093.20	see Note 3
KF000X	FC cable, 3 meter length.	\$ 51.39	see Note 2
KF200X	FC cable, 25 meter length.	\$ 92.49	see Note 2
KI805MA	Infiniband 5M 4X DDR host connection cable - required with all IB HBAs	\$ 565.24	see Note 2
LF000B	LSI 3992 single array solution; ~3.6 TB of Lustre OST data space with FC disk drives, also serves as system boot RAID and Lustre MDT	\$ 43,163.73	
LF100B	LSI 4998 single array solution; ~5.4TB of Lustre OST data space with 450GB FC disk drives, also serves as system boot RAID and Lustre MDT	\$ 43,163.73	
LS000B	LSI 3992 single array solution; ~6 TB of data space with 500GB SATA disk drives, also serves as system RAID	\$ 42,136.02	
LS001B	LSI 3992 single array solution; ~9 TB of data space with 750GB SATA disk drives, also serves as system RAID	\$ 44,705.29	
LS002B	LSI 3992 single array solution; ~12 TB of data space with 1TB SATA disk drives, also serves as system RAID	\$ 47,274.56	
LS010B	LSI 3992 single array solution; ~8 TB of data space with 500GB SATA disk drives, also serves as system RAID	\$ 44,191.44	
LS012B	LSI 3992 single array solution; ~16TB of data space with 1TB SATA disk drives, also serves as system RAID	\$ 49,329.97	
LS102B	LSI 4998 single array solution; ~12 TB of Lustre data space with 1TB SATA disk drives, also serves as system boot RAID and Lustre MDT	\$ 42,136.02	
LS112B	LSI 4998 single array solution; ~16 TB of Lustre data space with 1TB SATA disk drives, also serves as system boot RAID and Lustre MDT	\$ 49,329.97	
NFC42C	Dual-port FC-4 HBA (PCI Express)	\$ 1,644.33	see Note 2
NFC82C	Dual-port FC-8 HBA (PCI Express)	\$ 1,773.30	see Note 2
NG6-DE60-C5412-4Q4	NG5400 duplex, Turbo controllers with 60 bay enclosure, configured with 12 GB cache and four (4) QDR IB interfaces. Rail kit included.	\$ 56,369.77	see Note 3
NG6-DE60-EXT-4U	60 bay disk expansion enclosure for 2600/5400 controllers. Requires 4U of rack space. Rail kit included.	\$ 14,593.45	see Note 3
NG6-DM60-2B-10S-450	450 GB, 2.5", 10k rpm, SAS-6 disk module for use with Engenio S6 controllers (60-bay)	\$ 402.92	see Note 3
NG6-DM60-2B-10S-600	600 GB, 2.5", 10k rpm, SAS-6 disk module for use with Engenio S6 controllers (60 bay)	\$ 512.24	see Note 3
NG6-DM60-3A-7N-1000	1 TB 3.5", 7.2k rpm, NL-SASSATA) disk module for use with Engenio S6 controllers (60 bay)	\$ 265.49	see Note 3
NG6-DM60-3A-7N-2000	2 TB 3.5", 7.2krpm, NL-SAS(SATA) disk module for use with Engenio S6 controllers (60 bay)	\$ 449.77	see Note 3
NG6-DM60-3A-7N-3000	3 TB 3.5", 7.2krpm, NL-SAS(SATA) disk module for use with Engenio S6 controllers (60 bay)	\$ 637.18	see Note 3
NGE40C	Dual-port GigE NIC (PCI Express) (optical)	\$ 567.46	see Note 2
NGE41C	Dual-port GigE NIC (PCI Express) (copper)	\$ 169.27	see Note 2
NGE42C	Quad-port GigE NIC (PCI Express) (optical)	\$ 806.05	see Note 2
NGE43C	Quad-port GigE NIC (PCI Express) (copper)	\$ 515.87	see Note 2
NGT10C	Myricom single-port 10 GigE NIC (PCI Express) (optical). Includes SFP+ SR transceiver.	\$ 1,895.82	see Note 2
NGT11C	Myricom single-port 10 GigE NIC (PCI Express). Includes SFP+ LR transceiver.	\$ 2,250.48	see Note 2
NGT12C	Myricom single-port 10 GigE NIC (PCI Express), low profile, with standard copper CX-4 interface	\$ 806.05	see Note 2
NGT20C	Dual-port 10 GigE NIC (PCI Express) (optical). Includes SFP+ SR transceiver. PCIe Gen 2,	\$ 2,837.28	see Note 2

GSA PRICE LIST 2011

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES
OFFEROR NAME:	CRAY INC.		
MANUFACTURER NAME:	CRAY INC.		
PRODUCT FAMILY:	CRAY XT		
SPECIAL ITEM NUMBER:	132-8		
NIB202C	Mellanox dual-port 20Gbps Infiniband HBA (PCI-Express) (CX-4).	\$ 1,354.16	see Note 2
NIB402C	Mellanox ConnectX™ IB HCA card, Dual-Port, 40Gb/s InfiniBand, QSFP, PCIe2.0 x8 5.0GT/s, mem-free, tall bracket, RoHS R5 Compliant (Falcon QDR)	\$ 1,354.16	see Note 2
RX000B	Engenio 40U storage rack. 48 Amp, North American power.	\$ 5,601.01	see Note 3
RX001B	Engenio 40U storage rack. 48 Amp, International power.	\$ 5,601.01	see Note 3
RX40UBNB	Engenio 40U storage rack. 72 Amp, North American power.	\$ 5,601.01	see Note 3
RX42BNA	DDN 42U Storage cabinet for C99xxxxA or C66xxxxA and associated products. North American power.	\$ 6,166.25	see Note 3
RX42UCNA	DDN 42U Rack with 4 30A PDUs for DDN9550, ROHS	\$ 6,294.71	see Note 3
RX45BNA	DDN 45U Storage cabinet for C99xxxxA and associated products. North American power.	\$ 7,193.95	see Note 3
SFPF41A	DDN 4Gbps Fibre Channel SFP	\$ 97.63	see Note 3
SFPF81A	DDN 8Gbps Fibre Channel SFP	\$ 149.02	see Note 3
SS2S1C	FC-4 switch, with 16 4Gb/s FC ports. Includes 4 10Gb/s ports that allow multiple SS2S1C switches to be stacked for greater connectivity.	\$ 7,245.34	see Note 3
XC-DLR-42U-96A-NA	Dell 42U rack with four (4) 24A 208V PDUS for North America - Empty	\$ 6,747.30	see Note 4
XC-DLS-R710-2U-MS2A	Dell R710 - Dual Intel Xeon processors 48GB of memory and Six (6) 1TB drives - SLES 11, primarily deployed as external server configuration and management server	\$ 15,782.17	see Note 4
XC-ESLOG02-9	2nd generation external login server. Configuration #9. Price for first server. InterLagos with 512 GB memory	\$ 114,794.96	see Note 4
XC-ESLOG02-9A	2nd generation external login server. Configuration #9. Price for additional servers. InterLagos with 512 GB memory	\$ 64,300.25	see Note 4
XC-KQR4-FO-QS-10M	10M QDR optical infiniband cable QSFP-QSFP	\$ 354.66	
XC-KQR4-FO-QS-20M	20M QDR optical infiniband cable QSFP-QSFP	\$ 354.66	see Note 4
XC-KQR4-FO-QS-30M	30M QDR optical infiniband cable QSFP-QSFP	\$ 354.66	
XC-N1GT-1CU	Single port 10Gb/s PCIe HBA with CX4 interface for external servers.	\$ 806.05	see Note 4
XC-N1GT-1LR	Single port 10Gb/s PCIe Gen 2 HBA with long-range optical interface for external servers.	\$ 2,250.48	see Note 4
XC-N1GT-1SR	Single port 10Gb/s PCIe HBA with short-range optical interface for external servers.	\$ 1,895.82	see Note 4
XC-N2GT-2SR	Dual port 10Gb/s PCIe Gen 2 HBA with short-range optical interface for external servers.	\$ 1,895.82	see Note 4
XE-ESLOG01-1	First Series 1 esLogin-1 external login server. Includes four (4) quad core Opteron processors at 2.4 GHz with 64 GB of DDR2-SRAM memory, two (2) 146 GB 15K 3.5" SAS disk drives, and SLES 10 software. LIMITED AVAILABILITY.	\$ 34,496.73	see Note 4
XE-ESLOG01-1A	Subsequent Series 1 esLogin-1 external login server. Includes four (4) quad core Opteron processors at 2.4 GHz with 64 GB of DDR2-SRAM memory, two (2) 146 GB 15K 3.5" SAS disk drives, and SLES 10 software. LIMITED AVAILABILITY.	\$ 11,647.36	see Note 4
XE-ESLOG01-2	First Series 1 esLogin-2 external login server. Includes four (4) quad core Opteron processors at 2.4 GHz with 128 GB of DDR2-SRAM memory, two (2) 300 GB 15K 3.5" SAS disk drives, and SLES 10 software. LIMITED AVAILABILITY.	\$ 36,209.57	see Note 4
XE-ESLOG01-2A	Subsequent Series 1 esLogin-2 external login server. Includes four (4) quad core Opteron processors at 2.4 GHz with 128 GB of DDR2-SRAM memory, two (2) 300 GB 15K 3.5" SAS disk drives, and SLES 10 software. LIMITED AVAILABILITY.	\$ 13,360.20	see Note 4
XE-ESLOG01-3	First Series 1 esLogin-3 external login server. Includes four (4) quad core Opteron processors at 2.7 GHz with 64 GB of DDR2-SRAM memory, two (2) 146 GB 15K 3.5" SAS disk drives, and SLES 10 software. LIMITED AVAILABILITY.	\$ 36,620.65	see Note 4
XE-ESLOG01-3A	Subsequent Series 1 esLogin-3 external login server. Includes four (4) quad core Opteron processors at 2.7 GHz with 64 GB of DDR2-SRAM memory, two (2) 146 GB 15K 3.5" SAS disk drives, and SLES 10 software. LIMITED AVAILABILITY.	\$ 13,805.54	see Note 4
XE-ESLOG01-4	First Series 1 esLogin-4 external login server. Includes four (4) quad core Opteron processors at 2.7 GHz with 128 GB of DDR2-SRAM memory, two (2) 300 GB 15K 3.5" SAS disk drives, and SLES 10 software. LIMITED AVAILABILITY.	\$ 37,922.42	see Note 4
XE-ESLOG01-4A	Subsequent Series 1 esLogin-4 external login server. Includes four (4) quad core Opteron processors at 2.7 GHz with 128 GB of DDR2-SRAM memory, two (2) 300 GB 15K 3.5" SAS disk drives, and SLES 10 software. LIMITED AVAILABILITY.	\$ 15,484.13	see Note 4
XE-ESLOG01-EL	Entry-level, Series 1 esLogin-1 external login server in any quantity. Includes two (2) quad core Opteron processors at 2.4 GHz with 64 GB of DDR2-SRAM memory, two (2) 146 GB 10K 3.5" SAS disk drives, and SLES 10 software. Only available for Class 0 topologies (up to 3 cabinets); or "Mini" (2D torus) systems (up to 6 cabinets). Includes a single DDR Infiniband cable with HCAs for connection to XT host system. LIMITED AVAILABILITY.	\$ 13,360.20	see Note 4
XT-12CP6168-19G34	Socket G34 AMD processor, 12 core Magny Cours, 1.9 GHz	\$ 1,047.86	see Note 2
XT-12CP6172-21G34	Socket G34 AMD processor, 12 core Magny Cours, 2.1 GHz	\$ 1,309.82	see Note 2
XT-12CP6174-22G34	Socket G34 AMD processor, 12 core Magny Cours, 2.2 GHz	\$ 1,375.31	see Note 2
XT-16CP6276-23IL	2.3 GHz Interlagos, 8 dual-core module processor, formerly XT-16CPxxxx-23G34	\$ 1,673.95	see Note 2
XT-16CP6280-25IL	2.5 GHz Interlagos, 8 dual-core module processor	\$ 1,760.40	see Note 2
XT-2CP20-28F	AMD Dual Core, Rev F, skt AM2, at 2.8GHz, per Processor	\$ 654.91	see Note 2
XT-2CP-26E	AMD Dual Core, Rev E at 2.6 GHz, per Processor	\$ 654.91	see Note 2
XT-2CP-28E	AMD Dual Core, Rev E at 2.8 GHz, per Processor	\$ 654.91	see Note 2
XT-4CP2384-27L1	AMD Quad Core, Model 2384, Shanghai, skt L1 at 2.7 GHz, per Processor	\$ 1,309.82	see Note 2
XT-4CP-23G	AMD Quad Core, Budapest, skt AM2 at 2.3 GHz, per Processor	\$ 916.88	see Note 2
XT-4CP-23L1	AMD Quad Core, Model 2356, Barcelona, skt L1 at 2.3 GHz, per Processor	\$ 916.88	see Note 2
XT-6CP2427-22L1	AMD 6 Core, 2000 series, Istanbul, skt L1 at 2.2 GHz, per Processor	\$ 1,047.86	see Note 2
XT-8CP6128-20G34	Socket G34 AMD processor, 8 core, 2.0 to 2.1 GHz	\$ 523.93	see Note 2
XT-8CP6134-23G34	Socket G34 AMD processor, 8 core, 2.3 GHz	\$ 982.37	see Note 2

GSA PRICE LIST 2011

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES
OFFEROR NAME:	CRAY INC.		
MANUFACTURER NAME:	CRAY INC.		
PRODUCT FAMILY:	CRAY XT		
SPECIAL ITEM NUMBER:	132-8		
XT-8CP6136-24G34	Socket G34 AMD processor, 8 core, 2.4 GHz	\$ 1,047.86	see Note 2
XT-BOOT6	Series 6 Basic Boot raid. Boot raid only - no MDT	\$ 22,609.57	see Note 1
XT-BOOT6-MD450	Series 6 Basic Boot raid with 4 + 1 + 1 MDS Raid (450 GB SAS drives)	\$ 28,261.96	see Note 1
XT-BOOT6-MD450-020TB	Series 6 Boot raid MDS and 20 TB User raid (2 TB NL-SAS drives)	\$ 46,246.85	see Note 1
XT-BOOT6-MD450-030TB	Series 6 Boot raid MDS and 30 TB User raid (3 TB NL-SAS drives)	\$ 56,523.93	see Note 1
XT-BOOT6-MD450-040TB	Series 6 Boot raid MDS and 40 TB User raid (2 TB NL-SAS drives)	\$ 65,773.30	see Note 1
XT-BOOT6-MD450-060TB	Series 6 Boot raid MDS and 60 TB User raid (3 TB NL-SAS drives)	\$ 74,508.82	see Note 1
XT-BOOT6-MD450-090TB	Series 6 Boot raid MDS and 90 TB User raid (3 TB NL-SAS drives)	\$ 84,785.89	see Note 1
XT-BOOT6-MD450-120TB	Series 6 Boot raid MDS and 120 TB User raid (2 TB NL-SAS drives)	\$ 95,062.97	see Note 1
XT-CAB4-DOOR	XT4 style Door for all cabinets. May be ordered as upgrade from XT3 Door for XT4 cabinets	\$ 1,062.47	
XT-CAB-4V	Additional XT4 or XMT System Cabinet with underside cooling. Excludes chassis, cables, door and PDU, itemized separately. RoHS compliant.	\$ 9,073.55	see Note 1
XT-CAB5-DOOR	XT5 style Door for all cabinets. May be ordered as upgrade from XT3 Door for XT4 cabinets	\$ 1,062.47	
XT-CAB5M-DOOR	Door for XT5 Mini. Custom finishes are optional.	\$ 1,342.07	
XT-CAB6	Additional High Efficiency series 6 System Cabinets, required for systems with G34 compute blades, includes 480v PDU. Air-cooled with Liquid-cooled option. RoHS compliant. Price excludes blade chassis, LC option, cables and door, itemized separately.	\$ 23,798.49	see Note 1
XT-CAB6-AC	Required for air-cooled series 6 cabinets. Includes ducting, floor inlet ring etc.. First row of cabinets only.	\$ 4,030.23	see Note 1
XT-CAB6-AC2	Required for air-cooled series 6 cabinets in 2nd and additional rows	\$ 3,022.67	see Note 1
XT-CAB6-DR	Door for CAB6 cabinets	\$ 1,062.47	see Note 1
XT-CAB6-LC	Required for liquid-cooled series 6 cabinets. Includes ducting, piping, and flat-top evaporators. First row of cabinets only.	\$ 12,896.73	see Note 1
XT-CAB6-LC2	Required for water-assist-cooled series 6 cabinets in 2nd and additional rows	\$ 24,181.36	see Note 1
XT-CAB6-LC-SH	Silencing kit required for LC series 6 cabinets	\$ 2,015.11	see Note 1
XT-CAB6-LC-UPG5	Additional upgrade kit from CAB-HE to CAB-6 for LC option	\$ 3,727.96	see Note 1
XT-CAB6-SYS	First High Efficiency series 6 System Cabinet, required for systems with G34 compute blades, includes 480v PDU. Air-cooled with Liquid-cooled option. RoHS compliant. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Price excludes blade chassis, LC option, cables and door, itemized separately.	\$ 70,528.97	see Note 1
XT-CAB6-SYS2	First High Efficiency series 6 System Cabinet, required for systems with G34 compute blades and second generation system maintenance workstation (SMW2), includes 480v PDU with Air- and Liquid-cooled options. RoHS compliant. Includes CRMS Cray RAS and Management subsystem. Price excludes SMW blade chassis, LC option, cables and door, itemized separately.	\$ 32,241.81	see Note 1
XT-CAB6-UPG5	Cabinet upgrade kit from CAB-HE to CAB-6	\$ 13,047.86	see Note 1
XT-CAB-HE	Additional High Efficiency System Cabinets, includes 480v PDU. Does not support G34 blade. Air-cooled with Liquid-cooled option. RoHS compliant. Price excludes blade chassis, LC option, cables and door, itemized separately.	\$ 22,013.60	see Note 1
XT-CABMT-DOOR	XMT style Door.	\$ 1,292.19	
XT-CAB-NFU	Non-functional cabinet. Spacer cabinet to accommodate site constraints such as machine room support members/posts/pillars.	\$ 10,829.72	see Note 1
XT-CBL-075Y	.75 Meter Interconnect Cable (y). (96X - 25.5 GB/sec)	\$ 991.44	see Note 1
XT-CBL-0XY	Cover for unused High Speed Network connection - (x or y)	nc	see Note 1
XT-CBL-0Z	Cover for unused High Speed Network connection - (z)	nc	see Note 1
XT-CBL-11XY	1.1 Meter Interconnect Cable (x or y) (70333700). (96X - 25.5 GB/sec)	\$ 1,104.28	see Note 1
XT-CBL-11Z	1.1 Meter Interconnect Cable (z) (70347300). (96X - 25.5 GB/sec)	\$ 1,104.28	see Note 1
XT-CBL-15Y	1.5 Meter Interconnect Cable (y) (70333706). (96X - 25.5 GB/sec)	\$ 1,225.19	see Note 1
XT-CBL-15Z	1.5 Meter Interconnect Cable (z) (70347301). (96X - 25.5 GB/sec)	\$ 1,225.19	see Note 1
XT-CBL-18XY	1.8 Meter Interconnect Cable (x or y) (70333711). (96X - 25.5 GB/sec)	\$ 1,315.87	see Note 1
XT-CBL-45Y	4.5 Meter Interconnect Cable (y) (70333705). (96X - 25.5 GB/sec)	\$ 1,954.66	see Note 1
XT-CBL-45Z	4.5 Meter Interconnect Cable (z) (70347302). (96X - 25.5 GB/sec)	\$ 1,954.66	see Note 1
XT-CBL-70Y	7.0 Meter Interconnect Cable (y). (96X - 25.5 GB/sec)	\$ 2,518.89	see Note 1
XT-CHAS-4V	XT chassis - all XT cabinet types	\$ 9,269.52	see Note 1
XT-CMG3-84HD	Socket G34 HD compute blade: AMD socket G34, 8 processors per board. Supports Seastar and Gemini networks. Excludes processors, memory and network cards itemized separately	\$ 6,012.59	see Note 2
XT-CML1-84HD	XT5 HD compute blade: multi-core, socket L1 processors, 8 processors per board, excluding processor, memory and network card, itemized separately	\$ 4,622.67	see Note 2
XT-CMT-44AN	XMT compute Blade, with qty 4 socket 940, XMT only, excluding processor, memory and network card itemized separately.	\$ 4,624.69	see Note 2
XT-CPM2-44FN	XT4 compute Blade, with qty 4 socket AM2, excluding processor, memory and network card itemized separately.	\$ 2,889.17	see Note 2
XT-HD-NFB	Non-Functional Blade for optimal air-flow management, for use with HD system cabinets	\$ 562.22	see Note 1
XT-HEU-OPT-HE	Heat Exchange unit required with LC option for HE cabinets. US option.	\$ 74,559.19	see Note 1
XT-INSTALL	System installation - included.	nc	
XT-IOB16X-SNA	16x PCIe Gen 2 Mezzanine (Standard Inner) with one (1) slot for HBAs for XIO blade.	\$ 316.88	see Note 2
XT-IOB16X-STB	16x PCIe Gen 2 Mezzanine (Standard Outer) with one (1) slot for HBAs for XIO blade.	\$ 316.88	see Note 2
XT-IOB8X-YTC	8x PCIe Gen 2 Mezzanine (Shared Outer) with one (1) slot for HBAs for XIO blade. Socket #1 shares this with XT-IOB16X-SNA. Socket #0 is not available for IO.	\$ 316.88	see Note 2
XT-IOB-PCI-E-A	PCI-X to PCI-Express riser card upgrade. Must be purchased in pairs.	\$ 1,030.73	see Note 2
XT-LC-OPT-HE	Liquid-cooled upgrade option for HE cabinets.	\$ 16,120.91	see Note 1
XT-M2-2G64-18C	2 GB DIMM, PC6400, DDR2-800 Unbuffered	\$ 145.09	
XT-M-2G32-36B	2 GB DIMM, PC3200 36X128MX4	\$ 253.90	

GSA PRICE LIST 2011

OFFEROR NAME:	CRAY INC.
MANUFACTURER NAME:	CRAY INC.
PRODUCT FAMILY:	CRAY XT
SPECIAL ITEM NUMBER:	132-8

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES
XT-M2R-2G64-36B	2 GB DIMM, PC6400, DDR2-800 Registered, Chipkill, 18 x 1 gbit devices	\$ 253.90	
XT-M2R-4G64-36C	4 GB DIMM, PC6400, DDR2-800 Registered, Chipkill, 36 x 1 gbit devices	\$ 362.72	
XT-M2R-8G64	8 GB DIMM, PC6400, DDR2-800 Registered, Chipkill	\$ 725.44	
XT-M3R-4G106	4 GB DIMM, PC10600, DDR3-1333 Registered	\$ 181.36	
XT-M3R-4G128	4 GB DIMM, PC12800, DDR3-1600 Registered	\$ 226.70	
XT-M3R-8G106	8 GB DIMM, PC10600 DDR3-1333 Registered	\$ 544.08	
XT-M3R-8G128	8 GB DIMM, PC12800 DDR3-1600 Registered	\$ 634.76	
XT-MTP-1B	Multi-threaded Processor	\$ 4,030.23	see Note 2
XT-N2S6-2P	ExpressSAS x8 PCIe 2.0 to 6-Gb SAS/SATA, 8 Ext Port, (RoHS), for SIO, XIO blades only	\$ 483.63	see Note 2
XT-NB12-4A	Network Card, 4 SeaStars, Revision 1.2	\$ 1,405.54	
XT-NB21-4B	Network Card, 4 SeaStars, Revision 2.1	\$ 2,498.74	
XT-NB22-4C	Network Card, 4 SeaStars, Revision 2.2	\$ 2,498.74	
XT-NG10-2D	Network Card, 2 Gemini, Revision 1.1 (or later)	\$ 3,224.18	
XT-PDU-208A	208v, 3 phase power distribution unit for XT-SYS-4V and XT-CAB-4V.	\$ 3,420.15	see Note 1
XT-PDU-400A	400v, 3 phase power distribution unit for XT-SYS-4V and XT-CAB-4V.	\$ 3,420.15	see Note 1
XT-SIB2-PCIE-BN	XIO Blade. Excludes processors, memory, network card and IO Mezzanine / (PCI risers), all itemized separately.	\$ 7,455.92	see Note 2
XT-SIB-PCIE-AN	Service Blade, socket 940, with Qty 2 Dual PCI Express Mod Bays, excluding network card	\$ 4,271.28	see Note 2
XT-SMW2-2P8M	Second-generation SMW for system sizes up to 6 cabinets ("mini"). Includes interfaces to Boot Raid and XE system. Requires 2U of boot raid rack space, and KVM ordered separately. Also orderable as spare SMW.	\$ 7,254.41	see Note 1
XT-SMW2-KVM1	Keyboard and Monitor for second generation SMW. Requires 1U of boot raid rackspace. Supports primary SMW and optionally additional SMW. Also orderable as a spare KVM,	\$ 1,115.37	see Note 1
XT-SMW2-N2S6-2P	ExpressSAS x8 PCIe 2.0 to 6-Gb SAS/SATA, 8 Ext Port, (RoHS), for SMW only	\$ 483.63	see Note 1
XT-SMW2-XGE-16P	Ethernet switch for second-generation SMW infrastructure. Connects SMW to Boot node, SDB node, and other system nodes (dual-slot system XIO node). Requires 1U of boot raid rack space.	\$ 398.99	see Note 1
XT-SMW2-XS6-16P	6 gb/s SAS switch for second-generation SMW infrastructure. Connects SMW to Boot node, SDB node, and other system nodes (dual-slot system XIO node), Boot Raid, and any MDS/OSS nodes associated with Boot Raid MDTs/OSTs. Requires 1U of boot raid rack space. Includes space for rack front/back power lead through..	\$ 14,690.18	see Note 1
XT-SYS-4V	First XT4 or XMT System Cabinet with underside cooling. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Excludes chassis, cables, door and PDU, itemized separately. RoHS compliant.	\$ 45,289.67	see Note 1
XT-SYS-HE	First High Efficiency System Cabinet, includes 480v PDU. Does not support G34 compute blade. Air-cooled with Liquid-cooled option.RoHS compliant. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Price excludes blade chassis, LC option, cables and door, itemized separately.	\$ 65,239.29	see Note 1
XT-XSMW	Additional CRMS RAS and management subsystem and System Maintenance workstation	\$ 32,795.97	
174 items displayed			

Note Number	Note
Note 1	Item is sold only as part of an assembled Cray XT/XE Cabinet - it is not sold individually. The Cabinet assembly is the end product.
Note 2	Item is sold only in conjunction with a Cray Blade - it is not sold individually. The Blade assembly is the end product.
Note 3	Item is sold only in conjunction with a Cray storage assembly - it is not sold individually. The storage assembly is the end product.
Note 4	Item is sold only in conjunction with a Cray external server assembly - it is not sold individually. The external server assembly is the end product.

GSA PRICE LIST 2011

OFFEROR NAME:	CRAY INC.
MANUFACTURER NAME:	CRAY INC.
PRODUCT FAMILY:	CRAY XT
SPECIAL ITEM NUMBER:	132-12

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES
BM002B-S1	LSI 3992 RAID subsystem with space for Boot set, Lustre MDS. Dual-controllers. - basic support	\$ 208.56	
BM003B-S1	LSI 4998 RAID subsystem with space for Boot set, Lustre MDS. Four (4) FC 8 mbps interfaces. - basic support	\$ 92.95	
C2001B-S1	LSI 3992 Entry-level disk subsystem. Dual disk controllers, each with 2 4 Gb FC ports and 1GB cache; support for FC or SATA disk. Can be configured with up to 16 DxxxxB drives. - basic support	\$ 47.15	
C4001B-S1	LSI 6998 general workload disk subsystem. Dual disk controllers; each with 4 4Gb FC ports and 2GB cache; support for FC or SATA disk. - basic support	\$ 172.29	
C6000A-S1	High-bandwidth disk subsystem. Dual disk controllers; each with 4 2Gb FC ports and 2.5 GB cache; support for FC or SATA disk. - basic support	\$ 424.38	
C8000A-S1	Very high-bandwidth DDN disk subsystem, supporting 8+1+1 RAID configurations. Dual disk controllers; each with 4 4Gb FC ports and 2.5 GB cache; support for FC or SATA disk. - basic support	\$ 636.57	
C8100A-S1	Very high-bandwidth disk subsystem, supporting 8+2 RAID configurations. Dual disk controllers; each with 4 4Gb FC ports and 2.5 GB cache; support for SATA disk only. - basic support	\$ 729.52	
C9902F8A-S1	S2A9900 Couplet, 8 x 8Gbps Fibre Channel Host Ports (includes power cables and rail kit for rack mounting), includes license for four host ports and 300 drives includes support for RAID6, SATAssure and SATAssure Plus - basic support	\$ 742.67	
C9902I8A-S1	S2A9900 Couplet 8 x Infiniband 4X DDR Host Ports (includes power cables and rail kit for rack mounting), includes license for four host ports and 300 drives includes support for RAID6, SATAssure and SATAssure Plus - basic support	\$ 799.80	
DDCSF10FC8-S1	DDN SFA10000 Couplet w/ 16 x FC-8 ports, (includes power cables, SFA interconnect cables and rail kit for rack mounting), SATAssure, All Available RAID levels, 16GB of Cache - basic support	\$ 759.45	
DDCSF10IBQ-S1	DDN SFA10000 Couplet w/ 8 x QDR IB ports, (includes power cables, SFA interconnect cables and rail kit for rack mounting), SATAssure, All Available RAID levels, 16GB of Cache - basic support	\$ 792.54	
DE016S1A-S1	DDN S2A9900 16-bay enclosure for 3.5" SAS drives - includes power cables, rail kit and cable management guide - basic support	\$ 20.40	
DE024S1A-S1	Gray 24-Slot Dual-Port SAS enclosure for 2.5" drives (includes power cables, rail kit for rack mounting, and cable management guide), only for S2A9900 - basic support	\$ 17.23	
DE024S6A-S1	Gray 24-Slot Dual-Port 6 gb/s SAS enclosure for 2.5" drives (includes power cables, rail kit for rack mounting, and cable management guide), only for S2A9900 - basic support	\$ 17.23	
DE060S1A-S1	DDN 60-bay 3Gb SAS drive enclosure, for 3.5" drives(includes power cables, rail kit for rack mounting, and cable management guide), for SFA10000, S2A9900 and S2A6620 only - basic support	\$ 77.08	
DM001B-S1	Expansion enclosure for FC or SATA disk, for use with C79xxxxxB, C4001B and C2001B. Can support up to 16 disk drives. Also can be used to expand older C4000B, C2Fx0B, C2Sx0B, and C1Sx0B arrays. - basic support	\$ 29.47	
DMF20A-S1	FC RAID drive set (146 GB 10K RPM drives); 1 tier of 8+1 RAID - approx 1.2 TB data space - basic support	\$ 23.12	
DMF21B-S1	FC disk package for C4001B and C2001B, with 146GB 10K RPM drives. 16 disks configurable in various RAID configurations. Also can be used to expand older C4000B, C2Fx0B, C2Sx0B, and C1Sx0B arrays. - basic support	\$ 43.07	
DMF30A-S1	FC RAID drive set (300 GB 10K RPM drives); 1 tier of 8+1 RAID - approx 2.3 TB data space - basic support	\$ 47.15	
DMF31B-S1	FC disk package for C4001B and C2001B, with 300GB 10K RPM drives. 16 disks configurable in various RAID configurations. Also can be used to expand older C4000B, C2Fx0B, C2Sx0B, and C1Sx0B arrays. - basic support	\$ 61.21	
DMS11A-S1	SATA RAID drive set (250 GB 7.2K RPM drives); 1 tier of disks configured as either 8+1+1 or 8+2 RAID - approx 2 TB data space. For use with RS160A or RS320A only. - basic support	\$ 19.50	
DMS12A-S1	SATA RAID drive set (250 GB 7.2K RPM drives); 1 tier of disks configured as 8+2 RAID - approx 2 TB data space. For use with RS240A or RS480A only. - basic support	\$ 19.50	
DMS31A-S1	SATA RAID drive set (500 GB 7.2K RPM drives); 1 tier of disks configured as either 8+1+1 or 8+2 RAID - approx 4 TB data space. For use with RS160A or RS320A only. - basic support	\$ 42.17	
DMS31B-S1	SATA disk package for C4001B and C2001B, with 500 GB 7200 RPM drives. 16 disks configurable in various RAID configurations. Also can be used to expand older C4000B, C2Fx0B, C2Sx0B, and C1Sx0B arrays. - basic support	\$ 55.77	
DMS32A-S1	DDN SATA RAID drive set (500 GB 7.2K RPM drives); 1 tier of disks configured as 8+2 RAID - approx 4 TB data space. For use with RS240A or RS480A only. - basic support	\$ 42.17	
DMSA050007CA-S1	500GB 7,200 RPM SATA drive module for DDN 60-slot enclosure - basic support	\$ 1.81	
DMSA100007CA-S1	1TB 7,200 RPM SATA drive module for DDN 60-slot enclosure - basic support	\$ 3.17	
DMSA200007CA-S1	2.0TB 7,200 RPM SATA drive module for DDN 60-slot enclosure - basic support	\$ 3.63	
DMSS030015BA-S1	300GB 15K SAS drive module for use with 16-bay enclosure with DDN S2A9900 - basic support	\$ 4.08	
DMSS030015CA-S1	300GB 15K RPM SAS drive module for 60-slot enclosure - basic support	\$ 5.44	
DMSS040010CA-S1	400GB 10K RPM SAS drive module for DDN 60-slot enclosure - basic support	\$ 4.08	
DMSS045010DA-S1	DDN 450GB 10K RPM 2.5" SAS drive module for 24-bay 2.5" enclosure - basic support	\$ 1.81	
DMSS045015CA-S1	450GB 15K RPM SAS drive module for DDN 60-slot enclosure - basic support	\$ 3.63	
DMSS060015CA-S1	600GB 15K RPM SAS drive module for DDN 60-slot enclosure - basic support	\$ 3.63	
DXF20A-S1	Global Hot Spare FC drive - 146 GB - basic support	\$ 2.72	
DXF21B-S1	Single 146GB 10K RPM FC drive for C2001B. - basic support	\$ 2.27	
DXF30A-S1	DDN Global Hot Spare FC drive - 300 GB 10K RPM - basic support	\$ 6.80	
DXF31B-S1	Single 300GB 10K RPM FC drive for C2001B. - basic support	\$ 4.08	
DXS31B-S1	LSI 500 GB 7200 RPM SATA drive for C2001B. - basic support	\$ 2.72	

GSA PRICE LIST 2011

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #FFDAB9;">OFFEROR NAME:</td> <td>CRAY INC.</td> </tr> <tr> <td style="background-color: #FFDAB9;">MANUFACTURER NAME:</td> <td>CRAY INC.</td> </tr> <tr> <td style="background-color: #FFDAB9;">PRODUCT FAMILY:</td> <td>CRAY XT</td> </tr> <tr> <td style="background-color: #FFDAB9;">SPECIAL ITEM NUMBER:</td> <td>132-12</td> </tr> </table>				OFFEROR NAME:	CRAY INC.	MANUFACTURER NAME:	CRAY INC.	PRODUCT FAMILY:	CRAY XT	SPECIAL ITEM NUMBER:	132-12
OFFEROR NAME:	CRAY INC.										
MANUFACTURER NAME:	CRAY INC.										
PRODUCT FAMILY:	CRAY XT										
SPECIAL ITEM NUMBER:	132-12										
LF000B-S1	LSI 3992 single array solution; ~3.6 TB of Lustre OST data space with FC disk drives, also serves as system boot RAID and Lustre MDT - basic support	\$ 273.85									
LF100B-S1	LSI 4998 single array solution; ~5.4TB of Lustre OST data space with 450GB FC disk drives, also serves as system boot RAID and Lustre MDT - basic support	\$ 124.23									
LS000B-S1	LSI 3992 single array solution; ~6 TB of data space with 500GB SATA disk drives, also serves as system RAID - basic support	\$ 287.46									
LS001B-S1	LSI 3992 single array solution; ~9 TB of data space with 750GB SATA disk drives, also serves as system RAID - basic support	\$ 272.04									
LS002B-S1	LSI 3992 single array solution; ~12 TB of data space with 1TB SATA disk drives, also serves as system RAID - basic support	\$ 277.93									
LS010B-S1	LSI 3992 single array solution; ~8 TB of data space with 500GB SATA disk drives, also serves as system RAID - basic support	\$ 272.04									
LS012B-S1	LSI 3992 single array solution; ~16TB of data space with 1TB SATA disk drives, also serves as system RAID - basic support	\$ 290.18									
LS102B-S1	LSI 4998 single array solution; ~12 TB of Lustre data space with 1TB SATA disk drives, also serves as system boot RAID and Lustre MDT - basic support	\$ 121.51									
LS112B-S1	LSI 4998 single array solution; ~16 TB of Lustre data space with 1TB SATA disk drives, also serves as system boot RAID and Lustre MDT - basic support	\$ 130.58									
NFC22C-S1	Dual-port PCI-X 2Gb/s FC HBA. - basic support	\$ 3.63									
NFC41C-S1	Single-port PCI-X 4Gb/s FC HBA. - basic support	\$ 2.72									
NFC42C-S1	Dual-port FC-4 HBA (PCI Express) - basic support	\$ 3.63									
NFC82C-S1	Dual-port FC-8 HBA (PCI Express) - basic support	\$ 3.63									
NG6-DE60-C5412-4Q4-S1	NG5400 duplex, Turbo controllers with 60 bay enclosure, configured with 12 GB cache and four (4) QDR IB interfaces. Rail kit included. - basic support	\$ 91.13									
NG6-DE60-EXT-4U-S1	60 bay disk expansion enclosure for 2600/5400 controllers. Requires 4U of rack space. Rail kit included. - basic support	\$ 9.07									
NG6-DM60-2B-10S-450-S1	450 GB, 2.5", 10k rpm, SAS-6 disk module for use with Engenio S6 controllers (60-bay) - basic support	\$ 0.94									
NG6-DM60-2B-10S-600-S1	600 GB, 2.5", 10k rpm, SAS-6 disk module for use with Engenio S6 controllers (60 bay) - basic support	\$ 1.06									
NG6-DM60-3A-7N-1000-S1	1 TB 3.5", 7.2k rpm, NL-SASSATA) disk module for use with Engenio S6 controllers (60 bay) - basic support	\$ 0.83									
NG6-DM60-3A-7N-2000-S1	2 TB 3.5", 7.2krpm, NL-SAS(SATA) disk module for use with Engenio S6 controllers (60 bay) - basic support	\$ 0.97									
NG6-DM60-3A-7N-3000-S1	3 TB 3.5", 7.2krpm, NL-SAS(SATA) disk module for use with Engenio S6 controllers (60 bay) - basic support	\$ 0.97									
NGE40C-S1	Dual-port GigE NIC (PCI Express) (optical) - basic support	\$ 2.72									
NGE41C-S1	Dual-port GigE NIC (PCI Express) (copper) - basic support	\$ 2.72									
NGE42C-S1	Quad-port GigE NIC (PCI Express) (optical) - basic support	\$ 3.17									
NGE43C-S1	Quad-port GigE NIC (PCI Express) (copper) - basic support	\$ 2.72									
NGT10C-S1	Myricom single-port 10 GigE NIC (PCI Express) (optical). Includes SFP+ SR transceiver. - basic support	\$ 4.53									
NGT11C-S1	Myricom single-port 10 GigE NIC (PCI Express). Includes SFP+ LR transceiver. - basic support	\$ 4.99									
NGT12C-S1	Myricom single-port 10 GigE NIC (PCI Express), low profile, with standard copper CX-4 interface - basic support	\$ 3.17									
NGT20C-S1	Dual-port 10 GigE NIC (PCI Express) (optical). Includes SFP+ SR transceiver. PCIe Gen 2, - basic support	\$ 6.80									
NIB202C-S1	Mellanox dual-port 20Gbps Infiniband HBA (PCI-Express) (CX-4). - basic support	\$ 3.63									
NIB402C-S1	Mellanox ConnectX™ IB HCA card, Dual-Port, 40Gb/s InfiniBand, QSFP, PCIe2.0 x8 5.0GT/s, mem-free, tall bracket, RoHS R5 Compliant (Falcon QDR) - basic support	\$ 3.63									
RF080A-S1	FC RAID infrastructure (trays, cables, covers) for 8 tiers. For use with C6000A only. - basic support	\$ 106.55									
RF120A-S1	FC RAID infrastructure (trays, cables, covers) for 12 tiers. For use with C6000A only. - basic support	\$ 230.78									
RF160A-S1	FC RAID infrastructure (trays, cables, covers) for 16 tiers. For use with C6000A and C8000A. - basic support	\$ 228.97									
RF240A-S1	FC RAID infrastructure (trays, cables, covers) for 24 tiers. For use with C8000A only. - basic support	\$ 470.18									
RF320A-S1	FC RAID infrastructure (trays, cables, covers) for 32 tiers. For use with C8000A only. - basic support	\$ 467.91									
RS160A-S1	SATA RAID infrastructure (trays, cables, covers) for 16 tiers. For use with C6000A only. - basic support	\$ 184.53									
RS240A-S1	SATA RAID infrastructure (trays, cables, covers) for 24 tiers. For use with C8100A only. - basic support	\$ 215.82									
RS320A-S1	SATA RAID infrastructure (trays, cables, covers) for 32 tiers. For use with C6000A and C8100A. - basic support	\$ 375.87									
RS480A-S1	SATA RAID infrastructure (trays, cables, covers) for 48 tiers. For use with C8100A only. - basic support	\$ 431.18									
SS110C-S1	FC-4 switch, with 12 2Gb FC ports. Not stackable or expandable. - basic support	\$ 98.39									
SS2S1C-S1	FC-4 switch, with 16 4Gb/s FC ports. Includes 4 10Gb/s ports that allow multiple SS2S1C switches to be stacked for greater connectivity. - basic support	\$ 142.82									

GSA PRICE LIST 2011

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES								
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OFFEROR NAME:	CRAY INC.										
MANUFACTURER NAME:	CRAY INC.										
PRODUCT FAMILY:	CRAY XT										
SPECIAL ITEM NUMBER:	132-12										
XC-DLS-R710-2U-MS2A-S1	Dell R710 - Dual Intel Xeon processors 48GB of memory and Six (6) 1TB drives - SLES 11, primarily deployed as external server configuration and management server - basic support	\$ 83.88									
XC-ESLOG02-9-S1	2nd generation external login server. Configuration #9. Price for first server. InterLagos with 512 GB memory - basic support	\$ 83.88									
XC-ESLOG02-9A-S1	2nd generation external login server. Configuration #9. Price for additional servers. InterLagos with 512 GB memory - basic support	\$ 83.88									
XC-N1GT-1CU-S1	Single port 10Gb/s PCIe HBA with CX4 interface for external servers. - basic support	\$ 13.60									
XC-N1GT-1LR-S1	Single port 10Gb/s PCIe Gen 2 HBA with long-range optical interface for external servers. - basic support	\$ 20.40									
XC-N1GT-1SR-S1	Single port 10Gb/s PCIe HBA with short-range optical interface for external servers. - basic support	\$ 20.40									
XC-N2GT-2SR-S1	Dual port 10Gb/s PCIe Gen 2 HBA with short-range optical interface for external servers. - basic support	\$ 3.63									
XT-BOOT6-S1	Series 6 Basic Boot raid. Boot raid only - no MDT - basic support	\$ 92.95									
XT-BOOT6-MD450-S1	Series 6 Basic Boot raid with 4 + 1 + 1 MDS Raid (450 GB SAS drives) - basic support	\$ 92.95									
XT-BOOT6-MD450-020TB-S1	Series 6 Boot raid MDS and 20 TB User raid (2 TB NL-SAS drives) - basic support	\$ 92.95									
XT-BOOT6-MD450-030TB-S1	Series 6 Boot raid MDS and 30 TB User raid (3 TB NL-SAS drives) - basic support	\$ 92.95									
XT-BOOT6-MD450-040TB-S1	Series 6 Boot raid MDS and 40 TB User raid (2 TB NL-SAS drives) - basic support	\$ 92.95									
XT-BOOT6-MD450-060TB-S1	Series 6 Boot raid MDS and 60 TB User raid (3 TB NL-SAS drives) - basic support	\$ 92.95									
XT-BOOT6-MD450-090TB-S1	Series 6 Boot raid MDS and 90 TB User raid (3 TB NL-SAS drives) - basic support	\$ 92.95									
XT-BOOT6-MD450-120TB-S1	Series 6 Boot raid MDS and 120 TB User raid (2 TB NL-SAS drives) - basic support	\$ 92.95									
XT-CAB-3U-S1	Additional XT3 System Cabinet with underside cooling. Includes three (3) 8-slot chassis. Excludes chassis, cables and door, itemized separately. Non-RoHS. US ONLY - basic support	\$ 47.61									
XT-CAB-4HD-S1	HD Additional Cabinet, includes 480v PDU - basic support	\$ 52.14									
XT-CAB-4V-S1	Additional XT4 or XMT System Cabinet with underside cooling. Excludes chassis, cables, door and PDU, itemized separately. RoHS compliant. - basic support	\$ 47.61									
XT-CAB6-S1	Additional High Efficiency series 6 System Cabinets, required for systems with G34 compute blades, includes 480v PDU. Air-cooled with Liquid-cooled option. RoHS compliant. Price excludes blade chassis, LC option, cables and door, itemized separately. - basic support	\$ 52.14									
XT-CAB6-SYS-S1	First High Efficiency series 6 System Cabinet, required for systems with G34 compute blades, includes 480v PDU. Air-cooled with Liquid-cooled option. RoHS compliant. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Price excludes blade chassis, LC option, cables and door, itemized separately. - basic support	\$ 1,298.99									
XT-CAB6-SYS2-S1	First High Efficiency series 6 System Cabinet, required for systems with G34 compute blades and second generation system maintenance workstation (SMW2), includes 480v PDU with Air- and Liquid-cooled options. RoHS compliant. Includes CRMS Cray RAS and Management subsystem. Price excludes SMW blade chassis, LC option, cables and door, itemized separately. - basic support	\$ 1,298.99									
XT-CAB-HE-S1	Additional High Efficiency System Cabinets, includes 480v PDU. Does not support G34 blade. Air-cooled with Liquid-cooled option. RoHS compliant. Price excludes blade chassis, LC option, cables and door, itemized separately. - basic support	\$ 52.14									
XT-CBL-075Y-S1	.75 Meter Interconnect Cable (y). (96X - 25.5 GB/sec) - basic support	\$ 5.44									
XT-CBL-11XY-S1	1.1 Meter Interconnect Cable (x or y) (70333700). (96X - 25.5 GB/sec) - basic support	\$ 5.44									
XT-CBL-11Z-S1	1.1 Meter Interconnect Cable (z) (70347300). (96X - 25.5 GB/sec) - basic support	\$ 5.44									
XT-CBL-15Y-S1	1.5 Meter Interconnect Cable (y) (70333706). (96X - 25.5 GB/sec) - basic support	\$ 5.44									
XT-CBL-15Z-S1	1.5 Meter Interconnect Cable (z) (70347301). (96X - 25.5 GB/sec) - basic support	\$ 5.44									
XT-CBL-18XY-S1	1.8 Meter Interconnect Cable (x or y) (70333711). (96X - 25.5 GB/sec) - basic support	\$ 5.44									
XT-CBL-45Y-S1	4.5 Meter Interconnect Cable (y) (70333705). (96X - 25.5 GB/sec) - basic support	\$ 5.44									
XT-CBL-45Z-S1	4.5 Meter Interconnect Cable (z) (70347302). (96X - 25.5 GB/sec) - basic support	\$ 5.44									
XT-CBL-70Y-S1	7.0 Meter Interconnect Cable (y). (96X - 25.5 GB/sec) - basic support	\$ 5.44									
XT-GIGE-10-S1	10 GigE adapter (Optical) PCI-X - basic support	\$ 5.89									
XT-GIGE-1-OPT-S1	GigE (Optical) PCI-X - basic support	\$ 2.72									
XT-HEU-OPT-HE-S1	Heat Exchange unit required with LC option for HE cabinets. US option. - basic support	\$ 328.72									
XT-M-1G32-18B-S1	1 GB DIMM, PC3200 18X128MX4, 70386000 - basic support	\$ 0.94									
XT-M2-1G53-18B-S1	1 GB DIMM, PC5300, DDR2-667 Unbuffered - basic support	\$ 0.94									
XT-M2-1G64-18B-S1	1 GB DIMM, PC6400, DDR2-800 Unbuffered - basic support	\$ 0.94									
XT-M2-2G53-18C-S1	2 GB DIMM, PC5300, DDR2-667 Unbuffered - basic support	\$ 1.41									
XT-M2-2G64-18C-S1	2 GB DIMM, PC6400, DDR2-800 Unbuffered - basic support	\$ 1.41									
XT-M2-4G53-18D-S1	4 GB DIMM, PC5300, DDR2-667 Unbuffered - basic support	\$ 14.15									
XT-M-2G32-36B-S1	2 GB DIMM, PC3200 36X128MX4 - basic support	\$ 1.36									
XT-M2R-2G53-18C-S1	2 GB DIMM, PC5300, DDR2-667 Registered, Chipkill, 18 x 1 gbit devices - basic support	\$ 1.36									
XT-M2R-2G64-36B-S1	2 GB DIMM, PC6400, DDR2-800 Registered, Chipkill, 18 x 1 gbit devices - basic support	\$ 1.36									
XT-M2R-4G53-36C-S1	4 GB DIMM, PC5300, DDR2-667 Registered, Chipkill, 36 x 1 gbit devices - basic support	\$ 1.81									
XT-M2R-4G64-36C-S1	4 GB DIMM, PC6400, DDR2-800 Registered, Chipkill, 36 x 1 gbit devices - basic support	\$ 1.81									
XT-M2R-8G64-S1	8 GB DIMM, PC6400, DDR2-800 Registered, Chipkill - basic support	\$ 2.27									
XT-M3R-4G106-S1	4 GB DIMM, PC10600, DDR3-1333 Registered - basic support	\$ 1.81									
XT-M3R-4G128-S1	4 GB DIMM, PC12800, DDR3-1600 Registered - basic support	\$ 1.81									
XT-M3R-8G106-S1	8 GB DIMM, PC10600 DDR3-1333 Registered - basic support	\$ 2.27									
XT-M3R-8G128-S1	8 GB DIMM, PC12800 DDR3-1600 Registered - basic support	\$ 2.27									
XT-M-4G32-36C-S1	4 GB DIMM, PC3200 36 x 1 gbit parts. *EOL* Q1, 2008 - basic support	\$ 3.77									
XT-MTP-1B-S1	Multi-threaded Processor - basic support	\$ 31.74									
XT-N2S6-2P-S1	ExpressSAS x8 PCIe 2.0 to 6-Gb SAS/SATA, 8 Ext Port, (RoHS), for SIO, XIO blades only - basic support	\$ 20.40									

GSA PRICE LIST 2011

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES
XT-RLB160-AN-S1	FPGA Blade with Qty 4 LX160, excluding memory and network card, itemized separately. Configure 2 or 4 DIMMS per Opteron and 2 DIMMS per LX160 - basic support	\$ 612.09	
XT-RLB200-AN-S1	FPGA Blade with Qty 4 LX200, excluding memory and network card, itemized separately. Configure 2 or 4 DIMMS per Opteron and 2 DIMMS per LX200 - basic support	\$ 793.45	
XT-SMW2-N2S6-2P-S1	ExpressSAS x8 PCIe 2.0 to 6-Gb SAS/SATA, 8 Ext Port, (RoHS), for SMW only - basic support	\$ 20.40	
XT-SYS-3U-S1	First XT3 System Cabinet with underside cooling. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Excludes chassis, cables and door, itemized separately. Non-RoHS. US ONLY - basic support	\$ 1,190.18	
XT-SYS-4HD-S1	HD System Cabinets, includes 480v PDU - basic support	\$ 1,298.99	
XT-SYS-4V-S1	First XT4 or XMT System Cabinet with underside cooling. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Excludes chassis, cables, door and PDU, itemized separately. RoHS compliant. - basic support	\$ 1,190.18	
XT-SYS-HE-S1	First High Efficiency System Cabinet, includes 480v PDU. Does not support G34 compute blade. Air-cooled with Liquid-cooled option. RoHS compliant. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Price excludes blade chassis, LC option, cables and door, itemized separately. - basic support	\$ 1,298.99	
XT-XSMW-S1	Additional CRMS RAS and management subsystem and System Maintenance workstation - basic support	\$ 198.59	
CS-SECURE-S1	Charge per drive where HDA removal from site is disallowed. - basic support	\$ 3.88	
RP100B-RSP-S1	SANshare4 - Support Renewal - basic support	\$ 40.81	
RP100B-SUP-S1	SANshare4 - Support - basic support	\$ 40.81	
RP102B-RSP-S1	SANshare4 - Support Renewal for LSI 3992 - basic support	\$ 40.81	
RP102B-SUP-S1	SANshare4 - Support - basic support	\$ 40.81	
RP110B-RSP-S1	SANtricity premium option to allow a single C4001B array to contain both FC and SATA drives. - support renewal - basic support	\$ 24.94	
RP110B-SUP-S1	SANtricity premium option to allow a single C4001B array to contain both FC and SATA drives. - initial support - basic support	\$ 24.94	
XE-SVC-ESLOG01-1-S1	Monthly service fee for XC-ESLOG01-1 / XE-ESLOG01-1(A) - basic support	\$ 212.64	
XE-SVC-ESLOG01-2-S1	Monthly service fee for XC-ESLOG01-2 / XE-ESLOG01-2(A) - basic support	\$ 254.36	
XE-SVC-ESLOG01-3-S1	Monthly service fee for XC-ESLOG01-3 / XE-ESLOG01-3(A) - basic support	\$ 259.80	
XE-SVC-ESLOG01-4-S1	Monthly service fee for XC-ESLOG01-4 / XE-ESLOG01-4(A) - basic support	\$ 301.51	
XE-SVC-ESLOG01-EL-S1	Monthly service fee for XC-ESLOG01-EL / XE-ESLOG01-EL - basic support	\$ 210.83	
XT-CMG3-SVC-S1	Monthly support fee for XT/XE compute blades. Tiered list pricing applies - see pricing note. This code in conjunction with the noted tiering rates may be used as alternative coding in place of the discretized tiered price codes. - basic support	\$ 282.92	
XT-SIB-SVC-S1	Monthly support fee for SIO/XIO service blades. Tiered list pricing applies - see pricing note. This code in conjunction with the noted tiering rates may be used as alternative coding in place of the discretized tiered price codes. - basic support	\$ 180.79	
BM002B-S2	LSI 3992 RAID subsystem with space for Boot set, Lustre MDS. Dual-controllers. - Premium support	\$ 250.27	
BM003B-S2	LSI 4998 RAID subsystem with space for Boot set, Lustre MDS. Four (4) FC 8 mbps interfaces. - Premium support	\$ 111.54	
C2001B-S2	LSI 3992 Entry-level disk subsystem. Dual disk controllers, each with 2 4 Gb FC ports and 1GB cache; support for FC or SATA disk. Can be configured with up to 16 DxxxxB drives. - Premium support	\$ 56.58	
C4001B-S2	LSI 6998 general workload disk subsystem. Dual disk controllers; each with 4 4Gb FC ports and 2GB cache; support for FC or SATA disk. - Premium support	\$ 206.75	
C6000A-S2	High-bandwidth disk subsystem. Dual disk controllers; each with 4 2Gb FC ports and 2.5 GB cache; support for FC or SATA disk. - Premium support	\$ 509.26	
C8000A-S2	Very high-bandwidth DDN disk subsystem, supporting 8+1+1 RAID configurations. Dual disk controllers; each with 4 4Gb FC ports and 2.5 GB cache; support for FC or SATA disk. - Premium support	\$ 763.88	
C8100A-S2	Very high-bandwidth disk subsystem, supporting 8+2 RAID configurations. Dual disk controllers; each with 4 4Gb FC ports and 2.5 GB cache; support for SATA disk only. - Premium support	\$ 875.42	
C9902F8A-S2	S2A9900 Couplet, 8 x 8Gbps Fibre Channel Host Ports (includes power cables and rail kit for rack mounting), includes license for four host ports and 300 drives includes support for RAID6, SATAssure and SATAssure Plus - Premium support	\$ 891.20	
C9902I8A-S2	S2A9900 Couplet 8 x Infiniband 4X DDR Host Ports (includes power cables and rail kit for rack mounting), includes license for four host ports and 300 drives includes support for RAID6, SATAssure and SATAssure Plus - Premium support	\$ 959.76	
DDCSF10FC8-S2	DDN SFA10000 Couplet w/ 16 x FC-8 ports, (includes power cables, SFA interconnect cables and rail kit for rack mounting), SATAssure, All Available RAID levels, 16GB of Cache - Premium support	\$ 911.34	
DDCSF10IBQ-S2	DDN SFA10000 Couplet w/ 8 x QDR IB ports, (includes power cables, SFA interconnect cables and rail kit for rack mounting), SATAssure, All Available RAID levels, 16GB of Cache - Premium support	\$ 951.05	
DE016S1A-S2	DDN S2A9900 16-bay enclosure for 3.5" SAS drives - includes power cables, rail kit and cable management guide - Premium support	\$ 24.48	
DE024S1A-S2	Gray 24-Slot Dual-Port SAS enclosure for 2.5" drives (includes power cables, rail kit for rack mounting, and cable management guide), only for S2A9900 - Premium support	\$ 20.68	
DE024S6A-S2	Gray 24-Slot Dual-Port 6 gb/s SAS enclosure for 2.5" drives (includes power cables, rail kit for rack mounting, and cable management guide), only for S2A9900 - Premium support	\$ 20.68	
DE060S1A-S2	DDN 60-bay 3Gb SAS drive enclosure, for 3.5" drives (includes power cables, rail kit for rack mounting, and cable management guide), for SFA10000, S2A9900 and S2A6620 only - Premium support	\$ 92.50	

GSA PRICE LIST 2011

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DM001B-S2	Expansion enclosure for FC or SATA disk, for use with C79xxxxxB, C4001B and C2001B. Can support up to 16 disk drives. Also can be used to expand older C4000B, C2Fx0B, C2Sx0B, and C1Sx0B arrays. - Premium support	\$ 35.36									
DMF20A-S2	FC RAID drive set (146 GB 10K RPM drives); 1 tier of 8+1 RAID - approx 1.2 TB data space - Premium support	\$ 27.74									
DMF21B-S2	FC disk package for C4001B and C2001B, with 146GB 10K RPM drives. 16 disks configurable in various RAID configurations. Also can be used to expand older C4000B, C2Fx0B, C2Sx0B, and C1Sx0B arrays. - Premium support	\$ 51.68									
DMF30A-S2	FC RAID drive set (300 GB 10K RPM drives); 1 tier of 8+1 RAID - approx 2.3 TB data space - Premium support	\$ 56.58									
DMF31B-S2	FC disk package for C4001B and C2001B, with 300GB 10K RPM drives. 16 disks configurable in various RAID configurations. Also can be used to expand older C4000B, C2Fx0B, C2Sx0B, and C1Sx0B arrays. - Premium support	\$ 73.45									
DMS11A-S2	SATA RAID drive set (250 GB 7.2K RPM drives); 1 tier of disks configured as either 8+1+1 or 8+2 RAID - approx 2 TB data space. For use with RS160A or RS320A only. - Premium support	\$ 23.40									
DMS12A-S2	SATA RAID drive set (250 GB 7.2K RPM drives); 1 tier of disks configured as 8+2 RAID - approx 2 TB data space. For use with RS240A or RS480A only. - Premium support	\$ 23.40									
DMS31A-S2	SATA RAID drive set (500 GB 7.2K RPM drives); 1 tier of disks configured as either 8+1+1 or 8+2 RAID - approx 4 TB data space. For use with RS160A or RS320A only. - Premium support	\$ 50.60									
DMS31B-S2	SATA disk package for C4001B and C2001B, with 500 GB 7200 RPM drives. 16 disks configurable in various RAID configurations. Also can be used to expand older C4000B, C2Fx0B, C2Sx0B, and C1Sx0B arrays. - Premium support	\$ 66.92									
DMS32A-S2	DDN SATA RAID drive set (500 GB 7.2K RPM drives); 1 tier of disks configured as 8+2 RAID - approx 4 TB data space. For use with RS240A or RS480A only. - Premium support	\$ 50.60									
DMSA050007CA-S2	500GB 7,200 RPM SATA drive module for DDN 60-slot enclosure - Premium support	\$ 2.17									
DMSA100007CA-S2	1TB 7,200 RPM SATA drive module for DDN 60-slot enclosure - Premium support	\$ 3.80									
DMSA200007CA-S2	2.0TB 7,200 RPM SATA drive module for DDN 60-slot enclosure - Premium support	\$ 4.36									
DMSS030015BA-S2	300GB 15K SAS drive module for use with 16-bay enclosure with DDN S2A9900 - Premium support	\$ 4.90									
DMSS030015CA-S2	300GB 15K RPM SAS drive module for 60-slot enclosure - Premium support	\$ 6.53									
DMSS040010CA-S2	400GB 10K RPM SAS drive module for DDN 60-slot enclosure - Premium support	\$ 4.90									
DMSS045010DA-S2	DDN 450GB 10K RPM 2.5" SAS drive module for 24-bay 2.5" enclosure - Premium support	\$ 2.17									
DMSS045015CA-S2	450GB 15K RPM SAS drive module for DDN 60-slot enclosure - Premium support	\$ 4.36									
DMSS060015CA-S2	600GB 15K RPM SAS drive module for DDN 60-slot enclosure - Premium support	\$ 4.36									
DXF20A-S2	Global Hot Spare FC drive - 146 GB - Premium support	\$ 3.26									
DXF21B-S2	Single 146GB 10K RPM FC drive for C2001B. - Premium support	\$ 2.72									
DXF30A-S2	DDN Global Hot Spare FC drive - 300 GB 10K RPM - Premium support	\$ 8.16									
DXF31B-S2	Single 300GB 10K RPM FC drive for C2001B. - Premium support	\$ 4.90									
DXS31B-S2	LSI 500 GB 7200 RPM SATA drive for C2001B. - Premium support	\$ 3.26									
LF000B-S2	LSI 3992 single array solution; ~3.6 TB of Lustre OST data space with FC disk drives, also serves as system boot RAID and Lustre MDT - Premium support	\$ 328.62									
LF100B-S2	LSI 4998 single array solution; ~5.4TB of Lustre OST data space with 450GB FC disk drives, also serves as system boot RAID and Lustre MDT - Premium support	\$ 149.08									
LS000B-S2	LSI 3992 single array solution; ~6 TB of data space with 500GB SATA disk drives, also serves as system RAID - Premium support	\$ 344.95									
LS001B-S2	LSI 3992 single array solution; ~9 TB of data space with 750GB SATA disk drives, also serves as system RAID - Premium support	\$ 326.45									
LS002B-S2	LSI 3992 single array solution; ~12 TB of data space with 1TB SATA disk drives, also serves as system RAID - Premium support	\$ 333.52									
LS010B-S2	LSI 3992 single array solution; ~8 TB of data space with 500GB SATA disk drives, also serves as system RAID - Premium support	\$ 326.45									
LS012B-S2	LSI 3992 single array solution; ~16TB of data space with 1TB SATA disk drives, also serves as system RAID - Premium support	\$ 348.22									
LS102B-S2	LSI 4998 single array solution; ~12 TB of Lustre data space with 1TB SATA disk drives, also serves as system boot RAID and Lustre MDT - Premium support	\$ 145.81									
LS112B-S2	LSI 4998 single array solution; ~16 TB of Lustre data space with 1TB SATA disk drives, also serves as system boot RAID and Lustre MDT - Premium support	\$ 156.70									
NFC22C-S2	Dual-port PCI-X 2Gb/s FC HBA. - Premium support	\$ 4.36									
NFC41C-S2	Single-port PCI-X 4Gb/s FC HBA. - Premium support	\$ 3.26									
NFC42C-S2	Dual-port FC-4 HBA (PCI Express) - Premium support	\$ 4.36									
NFC82C-S2	Dual-port FC-8 HBA (PCI Express) - Premium support	\$ 4.36									
NG6-DE60-C5412-4Q4-S2	NG5400 duplex, Turbo controllers with 60 bay enclosure, configured with 12 GB cache and four (4) QDR IB interfaces. Rail kit included. - Premium support	\$ 109.36									
NG6-DE60-EXT-4U-S2	60 bay disk expansion enclosure for 2600/5400 controllers. Requires 4U of rack space. Rail kit included. - Premium support	\$ 10.88									
NG6-DM60-2B-10S-450-S2	450 GB, 2.5", 10k rpm, SAS-6 disk module for use with Engenio S6 controllers (60-bay) - Premium support	\$ 1.13									
NG6-DM60-2B-10S-600-S2	600 GB, 2.5", 10k rpm, SAS-6 disk module for use with Engenio S6 controllers (60 bay) - Premium support	\$ 1.27									
NG6-DM60-3A-7N-1000-S2	1 TB 3.5", 7.2k rpm, NL-SASSATA) disk module for use with Engenio S6 controllers (60 bay) - Premium support	\$ 1.00									
NG6-DM60-3A-7N-2000-S2	2 TB 3.5", 7.2krpm, NL-SAS(SATA) disk module for use with Engenio S6 controllers (60 bay) - Premium support	\$ 1.16									

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SPECIAL ITEM NUMBER:	132-12		
NG6-DM60-3A-7N-3000-S2	3 TB 3.5", 7.2krpm, NL-SAS(SATA) disk module for use with Engenio S6 controllers (60 bay) - Premium support	\$ 1.16	
NGE40C-S2	Dual-port GigE NIC (PCI Express) (optical) - Premium support	\$ 3.26	
NGE41C-S2	Dual-port GigE NIC (PCI Express) (copper) - Premium support	\$ 3.26	
NGE42C-S2	Quad-port GigE NIC (PCI Express) (optical) - Premium support	\$ 3.80	
NGE43C-S2	Quad-port GigE NIC (PCI Express) (copper) - Premium support	\$ 3.26	
NGT10C-S2	Myricom single-port 10 GigE NIC (PCI Express) (optical). Includes SFP+ SR transceiver. - Premium support	\$ 5.44	
NGT11C-S2	Myricom single-port 10 GigE NIC (PCI Express). Includes SFP+ LR transceiver. - Premium support	\$ 5.99	
NGT12C-S2	Myricom single-port 10 GigE NIC (PCI Express), low profile, with standard copper CX-4 interface - Premium support	\$ 3.80	
NGT20C-S2	Dual-port 10 GigE NIC (PCI Express) (optical). Includes SFP+ SR transceiver. PCIe Gen 2, - Premium support	\$ 8.16	
NIB202C-S2	Mellanox dual-port 20Gbps Infiniband HBA (PCI-Express) (CX-4). - Premium support	\$ 4.36	
NIB402C-S2	Mellanox ConnectX™ IB HCA card, Dual-Port, 40Gb/s InfiniBand, QSFP, PCIe2.0 x8 5.0GT/s, mem-free, tall bracket, RoHS R5 Compliant (Falcon QDR) - Premium support	\$ 4.36	
RF080A-S2	FC RAID infrastructure (trays, cables, covers) for 8 tiers. For use with C6000A only. - Premium support	\$ 127.86	
RF120A-S2	FC RAID infrastructure (trays, cables, covers) for 12 tiers. For use with C6000A only. - Premium support	\$ 276.94	
RF160A-S2	FC RAID infrastructure (trays, cables, covers) for 16 tiers. For use with C6000A and C8000A. - Premium support	\$ 274.76	
RF240A-S2	FC RAID infrastructure (trays, cables, covers) for 24 tiers. For use with C8000A only. - Premium support	\$ 564.22	
RF320A-S2	FC RAID infrastructure (trays, cables, covers) for 32 tiers. For use with C8000A only. - Premium support	\$ 561.49	
RS160A-S2	SATA RAID infrastructure (trays, cables, covers) for 16 tiers. For use with C6000A only. - Premium support	\$ 221.44	
RS240A-S2	SATA RAID infrastructure (trays, cables, covers) for 24 tiers. For use with C8100A only. - Premium support	\$ 258.98	
RS320A-S2	SATA RAID infrastructure (trays, cables, covers) for 32 tiers. For use with C6000A and C8100A. - Premium support	\$ 451.04	
RS480A-S2	SATA RAID infrastructure (trays, cables, covers) for 48 tiers. For use with C8100A only. - Premium support	\$ 517.42	
SS110C-S2	FC-4 switch, with 12 2Gb FC ports. Not stackable or expandable. - Premium support	\$ 118.07	
SS2S1C-S2	FC-4 switch, with 16 4Gb/s FC ports. Includes 4 10Gb/s ports that allow multiple SS2S1C switches to be stacked for greater connectivity. - Premium support	\$ 171.38	
XC-DLS-R710-2U-MS2A-S2	Dell R710 - Dual Intel Xeon processors 48GB of memory and Six (6) 1TB drives - SLES 11, primarily deployed as external server configuration and management server - Premium support	\$ 100.66	
XC-ESLOG02-9-S2	2nd generation external login server. Configuration #9. Price for first server. InterLagos with 512 GB memory - Premium support	\$ 100.66	
XC-ESLOG02-9A-S2	2nd generation external login server. Configuration #9. Price for additional servers. InterLagos with 512 GB memory - Premium support	\$ 100.66	
XC-N1GT-1CU-S2	Single port 10Gb/s PCIe HBA with CX4 interface for external servers. - Premium support	\$ 16.32	
XC-N1GT-1LR-S2	Single port 10Gb/s PCIe Gen 2 HBA with long-range optical interface for external servers. - Premium support	\$ 24.48	
XC-N1GT-1SR-S2	Single port 10Gb/s PCIe HBA with short-range optical interface for external servers. - Premium support	\$ 24.48	
XC-N2GT-2SR-S2	Dual port 10Gb/s PCIe Gen 2 HBA with short-range optical interface for external servers. - Premium support	\$ 4.36	
XT-BOOT6-S2	Series 6 Basic Boot raid. Boot raid only - no MDT - Premium support	\$ 111.54	
XT-BOOT6-MD450-S2	Series 6 Basic Boot raid with 4 + 1 + 1 MDS Raid (450 GB SAS drives) - Premium support	\$ 111.54	
XT-BOOT6-MD450-020TB-S2	Series 6 Boot raid MDS and 20 TB User raid (2 TB NL-SAS drives) - Premium support	\$ 111.54	
XT-BOOT6-MD450-030TB-S2	Series 6 Boot raid MDS and 30 TB User raid (3 TB NL-SAS drives) - Premium support	\$ 111.54	
XT-BOOT6-MD450-040TB-S2	Series 6 Boot raid MDS and 40 TB User raid (2 TB NL-SAS drives) - Premium support	\$ 111.54	
XT-BOOT6-MD450-060TB-S2	Series 6 Boot raid MDS and 60 TB User raid (3 TB NL-SAS drives) - Premium support	\$ 111.54	
XT-BOOT6-MD450-090TB-S2	Series 6 Boot raid MDS and 90 TB User raid (3 TB NL-SAS drives) - Premium support	\$ 111.54	
XT-BOOT6-MD450-120TB-S2	Series 6 Boot raid MDS and 120 TB User raid (2 TB NL-SAS drives) - Premium support	\$ 111.54	
XT-CAB-3U-S2	Additional XT3 System Cabinet with underside cooling. Includes three (3) 8-slot chassis. Excludes chassis, cables and door, itemized separately. Non-RoHS. US ONLY - Premium support	\$ 57.13	
XT-CAB-4HD-S2	HD Additional Cabinet, includes 480v PDU - Premium support	\$ 62.57	
XT-CAB-4V-S2	Additional XT4 or XMT System Cabinet with underside cooling. Excludes chassis, cables, door and PDU, itemized separately. RoHS compliant. - Premium support	\$ 57.13	
XT-CAB6-S2	Additional High Efficiency series 6 System Cabinets, required for systems with G34 compute blades, includes 480v PDU. Air-cooled with Liquid-cooled option. RoHS compliant. Price excludes blade chassis, LC option, cables and door, itemized separately. - Premium support	\$ 62.57	
XT-CAB6-SYS-S2	First High Efficiency series 6 System Cabinet, required for systems with G34 compute blades, includes 480v PDU. Air-cooled with Liquid-cooled option. RoHS compliant. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Price excludes blade chassis, LC option, cables and door, itemized separately. - Premium support	\$ 1,558.79	

GSA PRICE LIST 2011

OFFEROR NAME:	CRAY INC.
MANUFACTURER NAME:	CRAY INC.
PRODUCT FAMILY:	CRAY XT
SPECIAL ITEM NUMBER:	132-12

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES
XT-CAB6-SYS2-S2	First High Efficiency series 6 System Cabinet, required for systems with G34 compute blades and second generation system maintenance workstation (SMW2), includes 480v PDU with Air- and Liquid-cooled options. RoHS compliant. Includes CRMS Cray RAS and Management subsystem. Price excludes SMW blade chassis, LC option, cables and door, itemized separately. - Premium support	\$ 1,558.79	
XT-CAB-HE-S2	Additional High Efficiency System Cabinets, includes 480v PDU. Does not support G34 blade. Air-cooled with Liquid-cooled option. RoHS compliant. Price excludes blade chassis, LC option, cables and door, itemized separately. - Premium support	\$ 62.57	
XT-CBL-075Y-S2	.75 Meter Interconnect Cable (y). (96X - 25.5 GB/sec) - Premium support	\$ 6.53	
XT-CBL-11XY-S2	1.1 Meter Interconnect Cable (x or y) (70333700). (96X - 25.5 GB/sec) - Premium support	\$ 6.53	
XT-CBL-11Z-S2	1.1 Meter Interconnect Cable (z) (70347300). (96X - 25.5 GB/sec) - Premium support	\$ 6.53	
XT-CBL-15Y-S2	1.5 Meter Interconnect Cable (y) (70333706). (96X - 25.5 GB/sec) - Premium support	\$ 6.53	
XT-CBL-15Z-S2	1.5 Meter Interconnect Cable (z) (70347301). (96X - 25.5 GB/sec) - Premium support	\$ 6.53	
XT-CBL-18XY-S2	1.8 Meter Interconnect Cable (x or y) (70333711). (96X - 25.5 GB/sec) - Premium support	\$ 6.53	
XT-CBL-45Y-S2	4.5 Meter Interconnect Cable (y) (70333705). (96X - 25.5 GB/sec) - Premium support	\$ 6.53	
XT-CBL-45Z-S2	4.5 Meter Interconnect Cable (z) (70347302). (96X - 25.5 GB/sec) - Premium support	\$ 6.53	
XT-CBL-70Y-S2	7.0 Meter Interconnect Cable (y). (96X - 25.5 GB/sec) - Premium support	\$ 6.53	
XT-GIGE-10-S2	10 GigE adapter (Optical) PCI-X - Premium support	\$ 7.07	
XT-GIGE-1-OPT-S2	GigE (Optical) PCI-X - Premium support	\$ 3.26	
XT-HEU-OPT-HE-S2	Heat Exchange unit required with LC option for HE cabinets. US option. - Premium support	\$ 394.46	
XT-M-1G32-18B-S2	1 GB DIMM, PC3200 18X128MX4, 70386000 - Premium support	\$ 1.13	
XT-M2-1G53-18B-S2	1 GB DIMM, PC5300, DDR2-667 Unbuffered - Premium support	\$ 1.13	
XT-M2-1G64-18B-S2	1 GB DIMM, PC6400, DDR2-800 Unbuffered - Premium support	\$ 1.13	
XT-M2-2G53-18C-S2	2 GB DIMM, PC5300, DDR2-667 Unbuffered - Premium support	\$ 1.69	
XT-M2-2G64-18C-S2	2 GB DIMM, PC6400, DDR2-800 Unbuffered - Premium support	\$ 1.69	
XT-M2-4G53-18D-S2	4 GB DIMM, PC5300, DDR2-667 Unbuffered - Premium support	\$ 16.98	
XT-M-2G32-36B-S2	2 GB DIMM, PC3200 36X128MX4 - Premium support	\$ 1.63	
XT-M2R-2G53-18C-S2	2 GB DIMM, PC5300, DDR2-667 Registered, Chipkill, 18 x 1 gbit devices - Premium support	\$ 1.63	
XT-M2R-2G64-36B-S2	2 GB DIMM, PC6400, DDR2-800 Registered, Chipkill, 18 x 1 gbit devices - Premium support	\$ 1.63	
XT-M2R-4G53-36C-S2	4 GB DIMM, PC5300, DDR2-667 Registered, Chipkill, 36 x 1 gbit devices - Premium support	\$ 2.17	
XT-M2R-4G64-36C-S2	4 GB DIMM, PC6400, DDR2-800 Registered, Chipkill, 36 x 1 gbit devices - Premium support	\$ 2.17	
XT-M2R-8G64-S2	8 GB DIMM, PC6400, DDR2-800 Registered, Chipkill - Premium support	\$ 2.72	
XT-M3R-4G106-S2	4 GB DIMM, PC10600, DDR3-1333 Registered - Premium support	\$ 2.17	
XT-M3R-4G128-S2	4 GB DIMM, PC12800, DDR3-1600 Registered - Premium support	\$ 2.17	
XT-M3R-8G106-S2	8 GB DIMM, PC10600 DDR3-1333 Registered - Premium support	\$ 2.72	
XT-M3R-8G128-S2	8 GB DIMM, PC12800 DDR3-1600 Registered - Premium support	\$ 2.72	
XT-M-4G32-36C-S2	4 GB DIMM, PC3200 36 x 1 gbit parts. *EOL* Q1, 2008 - Premium support	\$ 4.52	
XT-MTP-1B-S2	Multi-threaded Processor - Premium support	\$ 38.09	
XT-N2S6-2P-S2	ExpressSAS x8 PCIe 2.0 to 6-Gb SAS/SATA, 8 Ext Port, (RoHS), for SIO, XIO blades only - Premium support	\$ 24.48	
XT-RLB160-AN-S2	FPGA Blade with Qty 4 LX160, excluding memory and network card, itemized separately. Configure 2 or 4 DIMMS per Opteron and 2 DIMMS per LX160 - Premium support	\$ 734.51	
XT-RLB200-AN-S2	FPGA Blade with Qty 4 LX200, excluding memory and network card, itemized separately. Configure 2 or 4 DIMMS per Opteron and 2 DIMMS per LX200 - Premium support	\$ 952.14	
XT-SMW2-N2S6-2P-S2	ExpressSAS x8 PCIe 2.0 to 6-Gb SAS/SATA, 8 Ext Port, (RoHS), for SMW only - Premium support	\$ 24.48	
XT-SYS-3U-S2	First XT3 System Cabinet with underside cooling. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Excludes chassis, cables and door, itemized separately. Non-RoHS. US ONLY - Premium support	\$ 1,428.22	
XT-SYS-4HD-S2	HD System Cabinets, includes 480v PDU - Premium support	\$ 1,558.79	
XT-SYS-4V-S2	First XT4 or XMT System Cabinet with underside cooling. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Excludes chassis, cables, door and PDU, itemized separately. RoHS compliant. - Premium support	\$ 1,428.22	
XT-SYS-HE-S2	First High Efficiency System Cabinet, includes 480v PDU. Does not support G34 compute blade. Air-cooled with Liquid-cooled option. RoHS compliant. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Price excludes blade chassis, LC option, cables and door, itemized separately. - Premium support	\$ 1,558.79	
XT-XSMW-S2	Additional CRMS RAS and management subsystem and System Maintenance workstation - Premium support	\$ 238.31	
CS-SECURE-S2	Charge per drive where HDA removal from site is disallowed. - Premium support	\$ 3.88	
RP100B-RSP-S2	SANshare4 - Support Renewal - Premium support	\$ 48.97	
RP100B-SUP-S2	SANshare4 - Support - Premium support	\$ 48.97	
RP102B-RSP-S2	SANshare4 - Support Renewal for LSI 3992 - Premium support	\$ 48.97	
RP102B-SUP-S2	SANshare4 - Support - Premium support	\$ 48.97	
RP110B-RSP-S2	SANtricity premium option to allow a single C4001B array to contain both FC and SATA drives. - support renewal - Premium support	\$ 29.93	
RP110B-SUP-S2	SANtricity premium option to allow a single C4001B array to contain both FC and SATA drives. - initial support - Premium support	\$ 29.93	
XE-SVC-ESLOG01-1-S2	Monthly service fee for XC-ESLOG01-1 / XE-ESLOG01-1(A) - Premium support	\$ 255.17	
XE-SVC-ESLOG01-2-S2	Monthly service fee for XC-ESLOG01-2 / XE-ESLOG01-2(A) - Premium support	\$ 305.23	
XE-SVC-ESLOG01-3-S2	Monthly service fee for XC-ESLOG01-3 / XE-ESLOG01-3(A) - Premium support	\$ 311.76	
XE-SVC-ESLOG01-4-S2	Monthly service fee for XC-ESLOG01-4 / XE-ESLOG01-4(A) - Premium support	\$ 361.81	
XE-SVC-ESLOG01-EL-S2	Monthly service fee for XC-ESLOG01-EL / XE-ESLOG01-EL - Premium support	\$ 253.00	

GSA PRICE LIST 2011

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #FFDAB9;">OFFEROR NAME:</td> <td>CRAY INC.</td> </tr> <tr> <td style="background-color: #FFDAB9;">MANUFACTURER NAME:</td> <td>CRAY INC.</td> </tr> <tr> <td style="background-color: #FFDAB9;">PRODUCT FAMILY:</td> <td>CRAY XT</td> </tr> <tr> <td style="background-color: #FFDAB9;">SPECIAL ITEM NUMBER:</td> <td>132-12</td> </tr> </table>				OFFEROR NAME:	CRAY INC.	MANUFACTURER NAME:	CRAY INC.	PRODUCT FAMILY:	CRAY XT	SPECIAL ITEM NUMBER:	132-12
OFFEROR NAME:	CRAY INC.										
MANUFACTURER NAME:	CRAY INC.										
PRODUCT FAMILY:	CRAY XT										
SPECIAL ITEM NUMBER:	132-12										
XT-CMG3-SVC-S2	Monthly support fee for XT/XE compute blades. Tiered list pricing applies - see pricing note. This code in conjunction with the noted tiering rates may be used as alternative coding in place of the discretized tiered price codes. - Premium support	\$ 339.50									
XT-SIB-SVC-S2	Monthly support fee for SIO/XIO service blades. Tiered list pricing applies - see pricing note. This code in conjunction with the noted tiering rates may be used as alternative coding in place of the discretized tiered price codes. - Premium support	\$ 216.95									
BM002B-S3	LSI 3992 RAID subsystem with space for Boot set, Lustre MDS. Dual-controllers. - Full service, 24 x 7	\$ 385.84									
BM003B-S3	LSI 4998 RAID subsystem with space for Boot set, Lustre MDS. Four (4) FC 8 mbps interfaces. - Full service, 24 x 7	\$ 171.96									
C2001B-S3	LSI 3992 Entry-level disk subsystem. Dual disk controllers, each with 2 4 Gb FC ports and 1GB cache; support for FC or SATA disk. Can be configured with up to 16 DxxxxB drives. - Full service, 24 x 7	\$ 87.23									
C4001B-S3	LSI 6998 general workload disk subsystem. Dual disk controllers; each with 4 4Gb FC ports and 2GB cache; support for FC or SATA disk. - Full service, 24 x 7	\$ 318.74									
C6000A-S3	High-bandwidth disk subsystem. Dual disk controllers; each with 4 2Gb FC ports and 2.5 GB cache; support for FC or SATA disk. - Full service, 24 x 7	\$ 785.10									
C8000A-S3	Very high-bandwidth DDN disk subsystem, supporting 8+1+1 RAID configurations. Dual disk controllers; each with 4 4Gb FC ports and 2.5 GB cache; support for FC or SATA disk. - Full service, 24 x 7	\$ 1,177.65									
C8100A-S3	Very high-bandwidth disk subsystem, supporting 8+2 RAID configurations. Dual disk controllers; each with 4 4Gb FC ports and 2.5 GB cache; support for SATA disk only. - Full service, 24 x 7	\$ 1,349.61									
C9902F8A-S3	S2A9900 Couplet, 8 x 8Gbps Fibre Channel Host Ports (includes power cables and rail kit for rack mounting), includes license for four host ports and 300 drives includes support for RAID6, SATAssure and SATAssure Plus - Full service, 24 x 7	\$ 1,373.94									
C9902I8A-S3	S2A9900 Couplet 8 x Infiniband 4X DDR Host Ports (includes power cables and rail kit for rack mounting), includes license for four host ports and 300 drives includes support for RAID6, SATAssure and SATAssure Plus - Full service, 24 x 7	\$ 1,479.63									
DDCSF10FC8-S3	DDN SFA10000 Couplet w/ 16 x FC-8 ports, (includes power cables, SFA interconnect cables and rail kit for rack mounting), SATAssure, All Available RAID levels, 16GB of Cache - Full service, 24 x 7	\$ 1,404.98									
DDCSF10IBQ-S3	DDN SFA10000 Couplet w/ 8 x QDR IB ports, (includes power cables, SFA interconnect cables and rail kit for rack mounting), SATAssure, All Available RAID levels, 16GB of Cache - Full service, 24 x 7	\$ 1,466.20									
DE016S1A-S3	DDN S2A9900 16-bay enclosure for 3.5" SAS drives - includes power cables, rail kit and cable management guide - Full service, 24 x 7	\$ 37.74									
DE024S1A-S3	Gray 24-Slot Dual-Port SAS enclosure for 2.5" drives (includes power cables, rail kit for rack mounting, and cable management guide), only for S2A9900 - Full service, 24 x 7	\$ 31.88									
DE024S6A-S3	Gray 24-Slot Dual-Port 6 gb/s SAS enclosure for 2.5" drives (includes power cables, rail kit for rack mounting, and cable management guide), only for S2A9900 - Full service, 24 x 7	\$ 31.88									
DE060S1A-S3	DDN 60-bay 3Gb SAS drive enclosure, for 3.5" drives (includes power cables, rail kit for rack mounting, and cable management guide), for SFA10000, S2A9900 and S2A6620 only - Full service, 24 x 7	\$ 142.60									
DM001B-S3	Expansion enclosure for FC or SATA disk, for use with C79xxxxxB, C4001B and C2001B. Can support up to 16 disk drives. Also can be used to expand older C4000B, C2Fx0B, C2Sx0B, and C1Sx0B arrays. - Full service, 24 x 7	\$ 54.52									
DMF20A-S3	FC RAID drive set (146 GB 10K RPM drives); 1 tier of 8+1 RAID - approx 1.2 TB data space - Full service, 24 x 7	\$ 42.77									
DMF21B-S3	FC disk package for C4001B and C2001B, with 146GB 10K RPM drives. 16 disks configurable in various RAID configurations. Also can be used to expand older C4000B, C2Fx0B, C2Sx0B, and C1Sx0B arrays. - Full service, 24 x 7	\$ 79.68									
DMF30A-S3	FC RAID drive set (300 GB 10K RPM drives); 1 tier of 8+1 RAID - approx 2.3 TB data space - Full service, 24 x 7	\$ 87.23									
DMF31B-S3	FC disk package for C4001B and C2001B, with 300GB 10K RPM drives. 16 disks configurable in various RAID configurations. Also can be used to expand older C4000B, C2Fx0B, C2Sx0B, and C1Sx0B arrays. - Full service, 24 x 7	\$ 113.24									
DMS11A-S3	SATA RAID drive set (250 GB 7.2K RPM drives); 1 tier of disks configured as either 8+1+1 or 8+2 RAID - approx 2 TB data space. For use with RS160A or RS320A only. - Full service, 24 x 7	\$ 36.08									
DMS12A-S3	SATA RAID drive set (250 GB 7.2K RPM drives); 1 tier of disks configured as 8+2 RAID - approx 2 TB data space. For use with RS240A or RS480A only. - Full service, 24 x 7	\$ 36.08									
DMS31A-S3	SATA RAID drive set (500 GB 7.2K RPM drives); 1 tier of disks configured as either 8+1+1 or 8+2 RAID - approx 4 TB data space. For use with RS160A or RS320A only. - Full service, 24 x 7	\$ 78.01									
DMS31B-S3	SATA disk package for C4001B and C2001B, with 500 GB 7200 RPM drives. 16 disks configurable in various RAID configurations. Also can be used to expand older C4000B, C2Fx0B, C2Sx0B, and C1Sx0B arrays. - Full service, 24 x 7	\$ 103.17									
DMS32A-S3	DDN SATA RAID drive set (500 GB 7.2K RPM drives); 1 tier of disks configured as 8+2 RAID - approx 4 TB data space. For use with RS240A or RS480A only. - Full service, 24 x 7	\$ 78.01									
DMSA050007CA-S3	500GB 7,200 RPM SATA drive module for DDN 60-slot enclosure - Full service, 24 x 7	\$ 3.35									
DMSA100007CA-S3	1TB 7,200 RPM SATA drive module for DDN 60-slot enclosure - Full service, 24 x 7	\$ 5.86									
DMSA200007CA-S3	2.0TB 7,200 RPM SATA drive module for DDN 60-slot enclosure - Full service, 24 x 7	\$ 6.72									
DMSS030015BA-S3	300GB 15K SAS drive module for use with 16-bay enclosure with DDN S2A9900 - Full service, 24 x 7	\$ 7.55									
DMSS030015CA-S3	300GB 15K RPM SAS drive module for 60-slot enclosure - Full service, 24 x 7	\$ 10.06									

GSA PRICE LIST 2011

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES
DMSS040010CA-S3	400GB 10K RPM SAS drive module for DDN 60-slot enclosure - Full service, 24 x 7	\$ 7.55	
DMSS045010DA-S3	DDN 450GB 10K RPM 2.5" SAS drive module for 24-bay 2.5" enclosure - Full service, 24 x 7	\$ 3.35	
DMSS045015CA-S3	450GB 15K RPM SAS drive module for DDN 60-slot enclosure - Full service, 24 x 7	\$ 6.72	
DMSS060015CA-S3	600GB 15K RPM SAS drive module for DDN 60-slot enclosure - Full service, 24 x 7	\$ 6.72	
DXF20A-S3	Global Hot Spare FC drive - 146 GB - Full service, 24 x 7	\$ 5.03	
DXF21B-S3	Single 146GB 10K RPM FC drive for C2001B. - Full service, 24 x 7	\$ 4.20	
DXF30A-S3	DDN Global Hot Spare FC drive - 300 GB 10K RPM - Full service, 24 x 7	\$ 12.58	
DXF31B-S3	Single 300GB 10K RPM FC drive for C2001B. - Full service, 24 x 7	\$ 7.55	
DXS31B-S3	LSI 500 GB 7200 RPM SATA drive for C2001B. - Full service, 24 x 7	\$ 5.03	
LF000B-S3	LSI 3992 single array solution; ~3.6 TB of Lustre OST data space with FC disk drives, also serves as system boot RAID and Lustre MDT - Full service, 24 x 7	\$ 506.62	
LF100B-S3	LSI 4998 single array solution; ~5.4TB of Lustre OST data space with 450GB FC disk drives, also serves as system boot RAID and Lustre MDT - Full service, 24 x 7	\$ 229.83	
LS000B-S3	LSI 3992 single array solution; ~6 TB of data space with 500GB SATA disk drives, also serves as system RAID - Full service, 24 x 7	\$ 531.80	
LS001B-S3	LSI 3992 single array solution; ~9 TB of data space with 750GB SATA disk drives, also serves as system RAID - Full service, 24 x 7	\$ 503.27	
LS002B-S3	LSI 3992 single array solution; ~12 TB of data space with 1TB SATA disk drives, also serves as system RAID - Full service, 24 x 7	\$ 514.17	
LS010B-S3	LSI 3992 single array solution; ~8 TB of data space with 500GB SATA disk drives, also serves as system RAID - Full service, 24 x 7	\$ 503.27	
LS012B-S3	LSI 3992 single array solution; ~16TB of data space with 1TB SATA disk drives, also serves as system RAID - Full service, 24 x 7	\$ 536.83	
LS102B-S3	LSI 4998 single array solution; ~12 TB of Lustre data space with 1TB SATA disk drives, also serves as system boot RAID and Lustre MDT - Full service, 24 x 7	\$ 224.79	
LS112B-S3	LSI 4998 single array solution; ~16 TB of Lustre data space with 1TB SATA disk drives, also serves as system boot RAID and Lustre MDT - Full service, 24 x 7	\$ 241.57	
NFC22C-S3	Dual-port PCI-X 2Gb/s FC HBA. - Full service, 24 x 7	\$ 6.72	
NFC41C-S3	Single-port PCI-X 4Gb/s FC HBA. - Full service, 24 x 7	\$ 5.03	
NFC42C-S3	Dual-port FC-4 HBA (PCI Express) - Full service, 24 x 7	\$ 6.72	
NFC82C-S3	Dual-port FC-8 HBA (PCI Express) - Full service, 24 x 7	\$ 6.72	
NG6-DE60-C5412-4Q4-S3	NG5400 duplex, Turbo controllers with 60 bay enclosure, configured with 12 GB cache and four (4) QDR IB interfaces. Rail kit included. - Full service, 24 x 7	\$ 168.59	
NG6-DE60-EXT-4U-S3	60 bay disk expansion enclosure for 2600/5400 controllers. Requires 4U of rack space. Rail kit included. - Full service, 24 x 7	\$ 16.78	
NG6-DM60-2B-10S-450-S3	450 GB, 2.5", 10k rpm, SAS-6 disk module for use with Engenio S6 controllers (60-bay) - Full service, 24 x 7	\$ 1.74	
NG6-DM60-2B-10S-600-S3	600 GB, 2.5", 10k rpm, SAS-6 disk module for use with Engenio S6 controllers (60 bay) - Full service, 24 x 7	\$ 1.96	
NG6-DM60-3A-7N-1000-S3	1 TB 3.5", 7.2k rpm, NL-SASSATA) disk module for use with Engenio S6 controllers (60 bay) - Full service, 24 x 7	\$ 1.54	
NG6-DM60-3A-7N-2000-S3	2 TB 3.5", 7.2krpm, NL-SAS(SATA) disk module for use with Engenio S6 controllers (60 bay) - Full service, 24 x 7	\$ 1.79	
NG6-DM60-3A-7N-3000-S3	3 TB 3.5", 7.2krpm, NL-SAS(SATA) disk module for use with Engenio S6 controllers (60 bay) - Full service, 24 x 7	\$ 1.79	
NGE40C-S3	Dual-port GigE NIC (PCI Express) (optical) - Full service, 24 x 7	\$ 5.03	
NGE41C-S3	Dual-port GigE NIC (PCI Express) (copper) - Full service, 24 x 7	\$ 5.03	
NGE42C-S3	Quad-port GigE NIC (PCI Express) (optical) - Full service, 24 x 7	\$ 5.86	
NGE43C-S3	Quad-port GigE NIC (PCI Express) (copper) - Full service, 24 x 7	\$ 5.03	
NGT10C-S3	Myricom single-port 10 GigE NIC (PCI Express) (optical). Includes SFP+ SR transceiver. - Full service, 24 x 7	\$ 8.38	
NGT11C-S3	Myricom single-port 10 GigE NIC (PCI Express). Includes SFP+ LR transceiver. - Full service, 24 x 7	\$ 9.23	
NGT12C-S3	Myricom single-port 10 GigE NIC (PCI Express), low profile, with standard copper CX-4 interface - Full service, 24 x 7	\$ 5.86	
NGT20C-S3	Dual-port 10 GigE NIC (PCI Express) (optical). Includes SFP+ SR transceiver. PCIe Gen 2, - Full service, 24 x 7	\$ 12.58	
NIB202C-S3	Mellanox dual-port 20Gbps Infiniband HBA (PCI-Express) (CX-4). - Full service, 24 x 7	\$ 6.72	
NIB402C-S3	Mellanox ConnectX™ IB HCA card, Dual-Port, 40Gb/s InfiniBand, QSFP, PCIe2.0 x8 5.0GT/s, mem-free, tall bracket, RoHS R5 Compliant (Falcon QDR) - Full service, 24 x 7	\$ 6.72	
RF080A-S3	FC RAID infrastructure (trays, cables, covers) for 8 tiers. For use with C6000A only. - Full service, 24 x 7	\$ 197.12	
RF120A-S3	FC RAID infrastructure (trays, cables, covers) for 12 tiers. For use with C6000A only. - Full service, 24 x 7	\$ 426.94	
RF160A-S3	FC RAID infrastructure (trays, cables, covers) for 16 tiers. For use with C6000A and C8000A. - Full service, 24 x 7	\$ 423.59	
RF240A-S3	FC RAID infrastructure (trays, cables, covers) for 24 tiers. For use with C8000A only. - Full service, 24 x 7	\$ 869.83	
RF320A-S3	FC RAID infrastructure (trays, cables, covers) for 32 tiers. For use with C8000A only. - Full service, 24 x 7	\$ 865.63	
RS160A-S3	SATA RAID infrastructure (trays, cables, covers) for 16 tiers. For use with C6000A only. - Full service, 24 x 7	\$ 341.38	

GSA PRICE LIST 2011

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #FFDAB9;">OFFEROR NAME:</td> <td>CRAY INC.</td> </tr> <tr> <td style="background-color: #FFDAB9;">MANUFACTURER NAME:</td> <td>CRAY INC.</td> </tr> <tr> <td style="background-color: #FFDAB9;">PRODUCT FAMILY:</td> <td>CRAY XT</td> </tr> <tr> <td style="background-color: #FFDAB9;">SPECIAL ITEM NUMBER:</td> <td>132-12</td> </tr> </table>				OFFEROR NAME:	CRAY INC.	MANUFACTURER NAME:	CRAY INC.	PRODUCT FAMILY:	CRAY XT	SPECIAL ITEM NUMBER:	132-12
OFFEROR NAME:	CRAY INC.										
MANUFACTURER NAME:	CRAY INC.										
PRODUCT FAMILY:	CRAY XT										
SPECIAL ITEM NUMBER:	132-12										
RS240A-S3	SATA RAID infrastructure (trays, cables, covers) for 24 tiers. For use with C8100A only. - Full service, 24 x 7	\$ 399.27									
RS320A-S3	SATA RAID infrastructure (trays, cables, covers) for 32 tiers. For use with C6000A and C8100A. - Full service, 24 x 7	\$ 695.36									
RS480A-S3	SATA RAID infrastructure (trays, cables, covers) for 48 tiers. For use with C8100A only. - Full service, 24 x 7	\$ 797.68									
SS110C-S3	FC-4 switch, with 12 2Gb FC ports. Not stackable or expandable. - Full service, 24 x 7	\$ 182.02									
SS2S1C-S3	FC-4 switch, with 16 4Gb/s FC ports. Includes 4 10Gb/s ports that allow multiple SS2S1C switches to be stacked for greater connectivity. - Full service, 24 x 7	\$ 264.22									
XC-DLS-R710-2U-MS2A-S3	Dell R710 - Dual Intel Xeon processors 48GB of memory and Six (6) 1TB drives - SLES 11, primarily deployed as external server configuration and management server - Full service, 24 x 7	\$ 155.18									
XC-ESLOG02-9-S3	2nd generation external login server. Configuration #9. Price for first server. InterLagos with 512 GB memory - Full service, 24 x 7	\$ 155.18									
XC-ESLOG02-9A-S3	2nd generation external login server. Configuration #9. Price for additional servers. InterLagos with 512 GB memory - Full service, 24 x 7	\$ 155.18									
XC-N1GT-1CU-S3	Single port 10Gb/s PCIe HBA with CX4 interface for external servers. - Full service, 24 x 7	\$ 25.16									
XC-N1GT-1LR-S3	Single port 10Gb/s PCIe Gen 2 HBA with long-range optical interface for external servers. - Full service, 24 x 7	\$ 37.74									
XC-N1GT-1SR-S3	Single port 10Gb/s PCIe HBA with short-range optical interface for external servers. - Full service, 24 x 7	\$ 37.74									
XC-N2GT-2SR-S3	Dual port 10Gb/s PCIe Gen 2 HBA with short-range optical interface for external servers. - Full service, 24 x 7	\$ 6.72									
XT-BOOT6-S3	Series 6 Basic Boot raid. Boot raid only - no MDT - Full service, 24 x 7	\$ 171.96									
XT-BOOT6-MD450-S3	Series 6 Basic Boot raid with 4 + 1 + 1 MDS Raid (450 GB SAS drives) - Full service, 24 x 7	\$ 171.96									
XT-BOOT6-MD450-020TB-S3	Series 6 Boot raid MDS and 20 TB User raid (2 TB NL-SAS drives) - Full service, 24 x 7	\$ 171.96									
XT-BOOT6-MD450-030TB-S3	Series 6 Boot raid MDS and 30 TB User raid (3 TB NL-SAS drives) - Full service, 24 x 7	\$ 171.96									
XT-BOOT6-MD450-040TB-S3	Series 6 Boot raid MDS and 40 TB User raid (2 TB NL-SAS drives) - Full service, 24 x 7	\$ 171.96									
XT-BOOT6-MD450-060TB-S3	Series 6 Boot raid MDS and 60 TB User raid (3 TB NL-SAS drives) - Full service, 24 x 7	\$ 171.96									
XT-BOOT6-MD450-090TB-S3	Series 6 Boot raid MDS and 90 TB User raid (3 TB NL-SAS drives) - Full service, 24 x 7	\$ 171.96									
XT-BOOT6-MD450-120TB-S3	Series 6 Boot raid MDS and 120 TB User raid (2 TB NL-SAS drives) - Full service, 24 x 7	\$ 171.96									
XT-CAB-3U-S3	Additional XT3 System Cabinet with underside cooling. Includes three (3) 8-slot chassis. Excludes chassis, cables and door, itemized separately. Non-RoHS. US ONLY - Full service, 24 x 7	\$ 88.08									
XT-CAB-4HD-S3	HD Additional Cabinet, includes 480v PDU - Full service, 24 x 7	\$ 96.46									
XT-CAB-4V-S3	Additional XT4 or XMT System Cabinet with underside cooling. Excludes chassis, cables, door and PDU, itemized separately. RoHS compliant. - Full service, 24 x 7	\$ 88.08									
XT-CAB6-S3	Additional High Efficiency series 6 System Cabinets, required for systems with G34 compute blades, includes 480v PDU. Air-cooled with Liquid-cooled option. RoHS compliant. Price excludes blade chassis, LC option, cables and door, itemized separately. - Full service, 24 x 7	\$ 96.46									
XT-CAB6-SYS-S3	First High Efficiency series 6 System Cabinet, required for systems with G34 compute blades, includes 480v PDU. Air-cooled with Liquid-cooled option. RoHS compliant. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Price excludes blade chassis, LC option, cables and door, itemized separately. - Full service, 24 x 7	\$ 2,403.13									
XT-CAB6-SYS2-S3	First High Efficiency series 6 System Cabinet, required for systems with G34 compute blades and second generation system maintenance workstation (SMW2), includes 480v PDU with Air- and Liquid-cooled options. RoHS compliant. Includes CRMS Cray RAS and Management subsystem. Price excludes SMW blade chassis, LC option, cables and door, itemized separately. - Full service, 24 x 7	\$ 2,403.13									
XT-CAB-HE-S3	Additional High Efficiency System Cabinets, includes 480v PDU. Does not support G34 blade. Air-cooled with Liquid-cooled option. RoHS compliant. Price excludes blade chassis, LC option, cables and door, itemized separately. - Full service, 24 x 7	\$ 96.46									
XT-CBL-075Y-S3	.75 Meter Interconnect Cable (y). (96X - 25.5 GB/sec) - Full service, 24 x 7	\$ 10.06									
XT-CBL-11XY-S3	1.1 Meter Interconnect Cable (x or y) (70333700). (96X - 25.5 GB/sec) - Full service, 24 x 7	\$ 10.06									
XT-CBL-11Z-S3	1.1 Meter Interconnect Cable (z) (70347300). (96X - 25.5 GB/sec) - Full service, 24 x 7	\$ 10.06									
XT-CBL-15Y-S3	1.5 Meter Interconnect Cable (y) (70333706). (96X - 25.5 GB/sec) - Full service, 24 x 7	\$ 10.06									
XT-CBL-15Z-S3	1.5 Meter Interconnect Cable (z) (70347301). (96X - 25.5 GB/sec) - Full service, 24 x 7	\$ 10.06									
XT-CBL-18XY-S3	1.8 Meter Interconnect Cable (x or y) (70333711). (96X - 25.5 GB/sec) - Full service, 24 x 7	\$ 10.06									
XT-CBL-45Y-S3	4.5 Meter Interconnect Cable (y) (70333705). (96X - 25.5 GB/sec) - Full service, 24 x 7	\$ 10.06									
XT-CBL-45Z-S3	4.5 Meter Interconnect Cable (z) (70347302). (96X - 25.5 GB/sec) - Full service, 24 x 7	\$ 10.06									
XT-CBL-70Y-S3	7.0 Meter Interconnect Cable (y). (96X - 25.5 GB/sec) - Full service, 24 x 7	\$ 10.06									
XT-GIGE-10-S3	10 GigE adapter (Optical) PCI-X - Full service, 24 x 7	\$ 10.90									
XT-GIGE-1-OPT-S3	GigE (Optical) PCI-X - Full service, 24 x 7	\$ 5.03									
XT-HEU-OPT-HE-S3	Heat Exchange unit required with LC option for HE cabinets. US option. - Full service, 24 x 7	\$ 608.13									
XT-M-1G32-18B-S3	1 GB DIMM, PC3200 18X128MX4, 70386000 - Full service, 24 x 7	\$ 1.74									
XT-M2-1G53-18B-S3	1 GB DIMM, PC5300, DDR2-667 Unbuffered - Full service, 24 x 7	\$ 1.74									
XT-M2-1G64-18B-S3	1 GB DIMM, PC6400, DDR2-800 Unbuffered - Full service, 24 x 7	\$ 1.74									
XT-M2-2G53-18C-S3	2 GB DIMM, PC5300, DDR2-667 Unbuffered - Full service, 24 x 7	\$ 2.61									
XT-M2-2G64-18C-S3	2 GB DIMM, PC6400, DDR2-800 Unbuffered - Full service, 24 x 7	\$ 2.61									
XT-M2-4G53-18D-S3	4 GB DIMM, PC5300, DDR2-667 Unbuffered - Full service, 24 x 7	\$ 26.18									
XT-M-2G32-36B-S3	2 GB DIMM, PC3200 36X128MX4 - Full service, 24 x 7	\$ 2.52									
XT-M2R-2G53-18C-S3	2 GB DIMM, PC5300, DDR2-667 Registered, Chipkill, 18 x 1 gbit devices - Full service, 24 x 7	\$ 2.52									
XT-M2R-2G64-36B-S3	2 GB DIMM, PC6400, DDR2-800 Registered, Chipkill, 18 x 1 gbit devices - Full service, 24 x 7	\$ 2.52									
XT-M2R-4G53-36C-S3	4 GB DIMM, PC5300, DDR2-667 Registered, Chipkill, 36 x 1 gbit devices - Full service, 24 x 7	\$ 3.35									

GSA PRICE LIST 2011

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES
XT-M2R-4G64-36C-S3	4 GB DIMM, PC6400, DDR2-800 Registered, Chipkill, 36 x 1 gbit devices - Full service, 24 x 7	\$ 3.35	
XT-M2R-8G64-S3	8 GB DIMM, PC6400, DDR2-800 Registered, Chipkill - Full service, 24 x 7	\$ 4.20	
XT-M3R-4G106-S3	4 GB DIMM, PC10600, DDR3-1333 Registered - Full service, 24 x 7	\$ 3.35	
XT-M3R-4G128-S3	4 GB DIMM, PC12800, DDR3-1600 Registered - Full service, 24 x 7	\$ 3.35	
XT-M3R-8G106-S3	8 GB DIMM, PC10600 DDR3-1333 Registered - Full service, 24 x 7	\$ 4.20	
XT-M3R-8G128-S3	8 GB DIMM, PC12800 DDR3-1600 Registered - Full service, 24 x 7	\$ 4.20	
XT-M-4G32-36C-S3	4 GB DIMM, PC3200 36 x 1 gbit parts. *EOL* Q1, 2008 - Full service, 24 x 7	\$ 6.97	
XT-MTP-1B-S3	Multi-threaded Processor - Full service, 24 x 7	\$ 58.72	
XT-N2S6-2P-S3	ExpressSAS x8 PCIe 2.0 to 6-Gb SAS/SATA, 8 Ext Port, (RoHS), for SIO, XIO blades only - Full service, 24 x 7	\$ 37.74	
XT-RLB160-AN-S3	FPGA Blade with Qty 4 LX160, excluding memory and network card, itemized separately. Configure 2 or 4 DIMMS per Opteron and 2 DIMMS per LX160 - Full service, 24 x 7	\$ 1,132.37	
XT-RLB200-AN-S3	FPGA Blade with Qty 4 LX200, excluding memory and network card, itemized separately. Configure 2 or 4 DIMMS per Opteron and 2 DIMMS per LX200 - Full service, 24 x 7	\$ 1,467.88	
XT-SMW2-N2S6-2P-S3	ExpressSAS x8 PCIe 2.0 to 6-Gb SAS/SATA, 8 Ext Port, (RoHS), for SMW only - Full service, 24 x 7	\$ 37.74	
XT-SYS-3U-S3	First XT3 System Cabinet with underside cooling. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Excludes chassis, cables and door, itemized separately. Non-RoHS. US ONLY - Full service, 24 x 7	\$ 2,201.83	
XT-SYS-4HD-S3	HD System Cabinets, includes 480v PDU - Full service, 24 x 7	\$ 2,403.13	
XT-SYS-4V-S3	First XT4 or XMT System Cabinet with underside cooling. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Excludes chassis, cables, door and PDU, itemized separately. RoHS compliant. - Full service, 24 x 7	\$ 2,201.83	
XT-SYS-HE-S3	First High Efficiency System Cabinet, includes 480v PDU. Does not support G34 compute blade. Air-cooled with Liquid-cooled option. RoHS compliant. Includes CRMS Cray RAS and Management subsystem, SMW System Maintenance Workstation. Price excludes blade chassis, LC option, cables and door, itemized separately. - Full service, 24 x 7	\$ 2,403.13	
XT-XSMW-S3	Additional CRMS RAS and management subsystem and System Maintenance workstation - Full service, 24 x 7	\$ 367.39	
CS-SECURE-S3	Charge per drive where HDA removal from site is disallowed. - Full service, 24 x 7	\$ 3.88	
RP100B-RSP-S3	SANshare4 - Support Renewal - Full service, 24 x 7	\$ 75.50	
RP100B-SUP-S3	SANshare4 - Support - Full service, 24 x 7	\$ 75.50	
RP102B-RSP-S3	SANshare4 - Support Renewal for LSI 3992 - Full service, 24 x 7	\$ 75.50	
RP102B-SUP-S3	SANshare4 - Support - Full service, 24 x 7	\$ 75.50	
RP110B-RSP-S3	SANtricity premium option to allow a single C4001B array to contain both FC and SATA drives. - support renewal - Full service, 24 x 7	\$ 46.14	
RP110B-SUP-S3	SANtricity premium option to allow a single C4001B array to contain both FC and SATA drives. - initial support - Full service, 24 x 7	\$ 46.14	
XE-SVC-ESLOG01-1-S3	Monthly service fee for XC-ESLOG01-1 / XE-ESLOG01-1(A) - Full service, 24 x 7	\$ 393.38	
XE-SVC-ESLOG01-2-S3	Monthly service fee for XC-ESLOG01-2 / XE-ESLOG01-2(A) - Full service, 24 x 7	\$ 470.57	
XE-SVC-ESLOG01-3-S3	Monthly service fee for XC-ESLOG01-3 / XE-ESLOG01-3(A) - Full service, 24 x 7	\$ 480.63	
XE-SVC-ESLOG01-4-S3	Monthly service fee for XC-ESLOG01-4 / XE-ESLOG01-4(A) - Full service, 24 x 7	\$ 557.79	
XE-SVC-ESLOG01-EL-S3	Monthly service fee for XC-ESLOG01-EL / XE-ESLOG01-EL - Full service, 24 x 7	\$ 390.04	
XT-CMG3-SVC-S3	Monthly support fee for XT/XE compute blades. Tiered list pricing applies - see pricing note. This code in conjunction with the noted tiering rates may be used as alternative coding in place of the discretized tiered price codes. - Full service, 24 x 7	\$ 523.40	
XT-SIB-SVC-S3	Monthly support fee for SIO/XIO service blades. Tiered list pricing applies - see pricing note. This code in conjunction with the noted tiering rates may be used as alternative coding in place of the discretized tiered price codes. - Full service, 24 x 7	\$ 334.46	
465 items displayed			0

GSA PRICE LIST 2011

OFFEROR NAME:	CRAY INC.
MANUFACTURER NAME:	CRAY INC.
PRODUCT FAMILY:	CRAY XT
SPECIAL ITEM NUMBER:	132-33

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES
CRAYAPP-1	Cray Apprentice2 Performance Analyzer, for a single concurrent user	\$ 1,088.16	
CRAYAPP-10	Cray Apprentice2 Performance Analyzer, for up to 10 concurrent users	\$ 6,528.97	
CRAYAPP-UNLIM	Cray Apprentice2 Performance Analyzer, for an unlimited number of concurrent users	\$ 19,042.82	
NG6-SL-STY-5400	SANtricity Linux -specifically for 5400 controllers	\$ 6,412.50	see Note 3
SL9900CAP100A	DDN S2A9900 or SFA10000 Capacity License - enables additional 100 drives (10 tiers)	\$ 5,291.18	see Note 3
SL9900HSTPT2A	DDN S2A9900 or SFA10000 Host Port License - enables two host ports of any type	\$ 5,291.18	see Note 3
SL9900SLP0600A	DDN S2A9900 or SFA10000 Sleep Mode License - up to 600 drives	\$ 16,929.97	see Note 3
SL9900SLP1200A	DDN S2A9900 or SFA10000 Sleep Mode License - up to 1200 drives	\$ 31,738.04	see Note 3
SLJAGUI01A	DDN JAVA based GUI for C9xxxA, Qty 1	\$ 4,534.01	see Note 3
XCS-BCM-GOV-128-255	Bright cluster manager government license for 128 to 255 nodes	\$ 427.20	see Note 4
XCS-BCM-GOV-256-511	Bright cluster manager government license for 256 to 511 nodes	\$ 389.92	see Note 4
XCS-BCM-GOV-512-1023	Bright cluster manager government license for 512 to 1023 nodes	\$ 352.64	see Note 4
XCS-BCM-GOV-64-127	Bright cluster manager government license for 64 to 127	\$ 470.53	see Note 4
XCS-BCM-GOV-8-63	Bright cluster manager government license for 8 to 63 nodes	\$ 516.88	see Note 4
XT-PROJ-MGT	(Installation) Project Management labor unit, price per unit	\$ 664.99	
XTS-ADES	Cray XT Application Developer's Environment Supplement (CADES) - required to support the Cray XT Application Developer's Environment on platforms other than XT SIO nodes.	\$ 4,534.01	
XTS-BSS-2K	PBS Pro Batch subsystem for single core - first 2000 processors, per socket	\$ 89.77	
XTS-BSS-2K06C	PBS Pro Batch subsystem for 6 core - first 2000 processors, per socket	\$ 129.60	
XTS-BSS-2K16C	PBS Pro Batch subsystem for 16 core - first 2000 processors, per socket	\$ 129.60	
XTS-BSS-2KDC	PBS Pro Batch subsystem for dual core - first 2000 processors, per socket	\$ 108.82	
XTS-BSS-2KQC	PBS Pro Batch subsystem for quad core - first 2000 processors, per socket	\$ 130.58	
XTS-BSS-AD06C	PBS Pro Batch subsystem 6 core, per processor, for 2001st socket and beyond.	\$ 64.80	
XTS-BSS-AD16C	PBS Pro Batch subsystem 16 core, per processor, for 2001st socket and beyond.	\$ 64.80	
XTS-BSS-ADD	PBS Pro Batch subsystem single core, per processor, for 2001st socket and beyond.	\$ 44.43	
XTS-BSS-ADDC	PBS Pro Batch subsystem dual core, per processor, for 2001st socket and beyond.	\$ 54.41	
XTS-BSS-ADQC	PBS Pro Batch subsystem quad core, per processor, for 2001st socket and beyond.	\$ 65.29	
XTS-CADE	Cray XT Application Developer's Environment (CADE) - required to support all and any Cray XT compiling environment including PGI, EKOPATH and Cray compilers. No fee. Contains libsci, acml, and other libraries, gnu compiler and other utilities.	nc	
XTS-CMPLR-1SYS	Cray XT Compiling Environment (CCE) comprising compilers and run-time library. Unlimited seats, single system. Cray XT Application Developer's Environment required, ordered separately.	\$ 18,136.02	
XTS-CMPLR-5USR	Cray XT Compiling Environment (CCE) comprising compilers and run-time library. 5 concurrent users. Cray XT Application Developer's Environment required, ordered separately.	\$ 4,534.01	
XTS-CNL-BASE	XT CNL OS components for XT Compute blades (excludes Catamount) per system	nc	
XTS-CNL-USGSKT	XT CNL OS components for XT Compute blades (excludes Catamount) per XT Compute Opteron socket. US Government Customer only.	nc	
XTS-CRAYPAT	CrayPat Performance Collector, for XT systems	\$ 5,440.81	
XTS-LUSTRE	Lustre Parallel File System up to and including version 1.8.x, for XT/XE systems, per AMD Socket (client/server)	\$ 72.54	
XTS-PE-MT-BASE	XMT Programming Environment - per system - includes C/C++ compiler, libraries, debugger and performance analysis tool - unlimited number of users	\$ 18,136.02	
XTS-PE-MT-SKT	XMT Programming Environment - per socket - includes C/C++ compiler, libraries, debugger and performance analysis tool - unlimited number of users	\$ 362.72	
XTS-PGI-10S	PGI compilers and run-time library - 10 seats. Cray XT Application Developer's Environment required, ordered separately. Runs on Cray XT only.	\$ 13,220.25	
XTS-PGI-25S	PGI compilers and run-time library - 25 seats. Cray XT Application Developer's Environment required, ordered separately. Runs on Cray XT only.	\$ 30,739.65	
XTS-PGI-2S	PGI compiler and run-time library - 2 seats. Cray XT Application Developer's Environment required, ordered separately. Runs on Cray XT only.	\$ 3,807.66	
XTS-PGI-50S	PGI compilers and run-time library - 50 seats. Cray XT Application Developer's Environment required, ordered separately. Runs on Cray XT only.	\$ 43,471.13	
XTS-PGI-5S	PGI compilers and run-time library - 5 seats. Cray XT Application Developer's Environment required, ordered separately. Runs on Cray XT only.	\$ 7,072.14	
XTS-PMA-01S	Cray Performance and Analysis Toolkit for single concurrent user	\$ 6,480.00	
XTS-PMA-10S	Cray Performance and Analysis Toolkit for 10 concurrent users	\$ 11,880.00	
XTS-PMA-UNL	Cray Performance and Analysis Toolkit for unlimited number of concurrent users	\$ 24,300.00	
XTS-SMW2-MYSQL	MySQL - RESTRICTED USE LICENSE for SMW and/or related distributed functionality on XT, XE system only.	\$ 1,800.00	see Note 1
XTS-SOURCE	Source license for system software (CLE)	\$ 90,680.10	
XTS-SYS-BASE	XT OS components for SIO blades including SuSE, CRMS, per system	nc	
XTS-SYS-MT-BASE	XMT Multithreaded Operating System - per system	nc	
XTS-SYS-USGSKT	XT OS components for SIO blades including SuSE, CRMS. Excludes Catamount. US Government option only. Price per SIO Opteron socket.	nc	
48 items displayed			

Note Number	Note
Note 1	Item is sold only as part of an assembled Cray XT/XE Cabinet - it is not sold individually. The Cabinet assembly is the end product.

GSA PRICE LIST 2011

OFFEROR NAME:	CRAY INC.
MANUFACTURER NAME:	CRAY INC.
PRODUCT FAMILY:	CRAY XT
SPECIAL ITEM NUMBER:	132-33

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES
Note 2	Item is sold only in conjunction with a Cray Blade - it is not sold individually. The Blade assembly is the end product.		
Note 3	Item is sold only in conjunction with a Cray storage assembly - it is not sold individually. The storage assembly is the end product.		
Note 4	Item is sold only in conjunction with a Cray external server assembly - it is not sold individually. The external server assembly is the end product.		

GSA PRICE LIST 2011

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES
OFFEROR NAME:	CRAY INC.		
MANUFACTURER NAME:	CRAY INC.		
PRODUCT FAMILY:	CRAY XT		
SPECIAL ITEM NUMBER:	132-34		
CRAYAPP-RSP-1	Cray Apprentice2 Performance Analyzer, for a single concurrent user-support renewal - basic support	\$ 14.51	
CRAYAPP-RSP-10	Cray Apprentice2 Performance Analyzer, for up to 10 concurrent users-support renewal - basic support	\$ 86.15	
CRAYAPP-RSP-ULM	Cray Apprentice2 Performance Analyzer, for an unlimited number of concurrent users-support renewal - basic support	\$ 250.28	
CRAYAPP-SP-1	Cray Apprentice2 Performance Analyzer, for a single concurrent user- initial support - basic support	\$ 14.51	
CRAYAPP-SP-10	Cray Apprentice2 Performance Analyzer, for up to 10 concurrent users- initial support - basic support	\$ 86.15	
CRAYAPP-SP-UNLM	Cray Apprentice2 Performance Analyzer, for an unlimited number of concurrent users- initial support - basic support	\$ 250.28	
NG6-SL-STY-5400-RSP	SANtricity Linux -specifically for 5400 controllers - support renewal - basic support	\$ 27.20	
NG6-SL-STY-5400-SUP	SANtricity Linux -specifically for 5400 controllers - initial support - basic support	\$ 27.20	
SLJAGUI01A-RSP	DDN JAVA based GUI for C9xxxA, Qty 1 -support renewal - basic support	\$ 45.34	
SLJAGUI01A-SUP	DDN JAVA based GUI for C9xxxA, Qty 1 - initial support - basic support	\$ 45.34	
XCS-BCM-GOV-128-255-RSP	Bright cluster manager government license for 128 to 255 nodes, support renewal (annual, priced monthly per unit) - basic support	\$ 51.69	
XCS-BCM-GOV-128-255-SUP	Bright cluster manager government license for 128 to 255 nodes, initial support (annual, priced monthly per unit) - basic support	\$ 51.69	
XCS-BCM-GOV-256-511-RSP	Bright cluster manager government license for 256 to 511 nodes, support renewal (annual, priced monthly per unit) - basic support	\$ 51.69	
XCS-BCM-GOV-256-511-SUP	Bright cluster manager government license for 256 to 511 nodes, initial support (annual, priced monthly per unit) - basic support	\$ 51.69	
XCS-BCM-GOV-512-1023-RSP	Bright cluster manager government license for 512 to 1023 nodes, support renewal (annual, priced monthly per unit) - basic support	\$ 51.69	
XCS-BCM-GOV-512-1023-SUP	Bright cluster manager government license for 512 to 1023 nodes, initial support (annual, priced monthly per unit) - basic support	\$ 51.69	
XCS-BCM-GOV-64-127-RSP	Bright cluster manager government license for 64 to 127 nodes, support renewal (annual, priced monthly per unit) - basic support	\$ 51.69	
XCS-BCM-GOV-64-127-SUP	Bright cluster manager government license for 64 to 127 nodes, initial support (annual, priced monthly per unit) - basic support	\$ 51.69	
XCS-BCM-GOV-8-63-RSP	Bright cluster manager government license for 8 to 63 nodes, support renewal (annual, priced monthly per unit) - basic support	\$ 51.69	
XCS-BCM-GOV-8-63-SUP	Bright cluster manager government license for 8 to 63 nodes, initial support (annual, priced monthly per unit) - basic support	\$ 51.69	
XTS-ADES-RSP	Cray XT CADE Supplement- support renewal - basic support	\$ 99.75	
XTS-ADES-SUP	Cray XT CADE Supplement- initial support - basic support	\$ 99.75	
XTS-BSS-2K06C-RSP	Support Renewal, Monthly, PBS Pro, 1st 2k sockets 6 core - basic support	\$ 2.72	
XTS-BSS-2K06C-SUP	Support, Monthly, PBS Pro, 1st 2k sockets 6 core - basic support	\$ 2.72	
XTS-BSS-2K16C-RSP	Support Renewal, Monthly, PBS Pro, 1st 2k sockets 16core - basic support	\$ 2.72	
XTS-BSS-2K16C-SUP	Support, Monthly, PBS Pro, 1st 2k sockets 16 core - basic support	\$ 2.72	
XTS-BSS-AD06C-RSP	Support Renewal, Monthly, PBS Pro, 2001+ sockets 6 core - basic support	\$ 1.81	
XTS-BSS-AD06C-SUP	Support, Monthly, PBS Pro, 2001+ sockets 6 core - basic support	\$ 1.81	
XTS-BSS-AD16C-RSP	Support Renewal, Monthly, PBS Pro, 2001+ sockets 16 core - basic support	\$ 1.81	
XTS-BSS-AD16C-SUP	Support, Monthly, PBS Pro, 2001+ sockets 16 core - basic support	\$ 1.81	
XTS-BSS-RSP-2K	Support Renewal, Monthly, PBS Pro, 1st 2k sockets SC - basic support	\$ 2.72	
XTS-BSS-RSP-2KDC	Support Renewal, Monthly, PBS Pro, 1st 2k sockets DC - basic support	\$ 2.72	
XTS-BSS-RSP-2KQC	Support Renewal, Monthly, PBS Pro, 1st 2k sockets QC - basic support	\$ 2.72	
XTS-BSS-RSP-ADD	Support Renewal, Monthly, PBS Pro, 2001+ sockets SC - basic support	\$ 1.81	
XTS-BSS-RSP-ADDC	Support Renewal, Monthly, PBS Pro, 2001+ sockets DC - basic support	\$ 1.81	
XTS-BSS-RSP-ADQC	Support Renewal, Monthly, PBS Pro, 2001+ sockets QC - basic support	\$ 1.81	
XTS-BSS-SUP-2K	Support, Monthly, PBS Pro, 1st 2k sockets SC - basic support	\$ 2.72	
XTS-BSS-SUP-2KDC	Support, Monthly, PBS Pro, 1st 2k sockets DC - basic support	\$ 2.72	
XTS-BSS-SUP-2KQC	Support, Monthly, PBS Pro, 1st 2k sockets QC - basic support	\$ 2.72	
XTS-BSS-SUP-ADD	Support, Monthly, PBS Pro, 2001+ sockets SC - basic support	\$ 1.81	
XTS-BSS-SUP-ADDC	Support, Monthly, PBS Pro, 2001+ sockets DC - basic support	\$ 1.81	
XTS-BSS-SUP-ADQC	Support, Monthly, PBS Pro, 2001+ sockets QC - basic support	\$ 1.81	
XTS-CMPLR-1SYS-RSP	Cray XT CCE - single system, support renewal - basic support	\$ 90.68	
XTS-CMPLR-1SYS-SUP	Cray XT CCE - single system, initial support - basic support	\$ 90.68	
XTS-CMPLR-5USR-RSP	Cray XT CCE - 5 user, support renewal - basic support	\$ 90.68	
XTS-CMPLR-5USR-SUP	Cray XT CCE - 5 user, initial support - basic support	\$ 90.68	
XTS-CNL-BASE-RSP	XT CNL OS components for XT Compute blades (excludes Catamount) per system - support renewal - basic support	\$ 2,219.85	
XTS-CNL-BASE-SUP	XT CNL OS components for XT Compute blades (excludes Catamount) per system - initial support - basic support	\$ 2,219.85	
XTS-CNL-USGSKT-RSP	XT CNL OS components for XT Compute blades (excludes Catamount) per XT Compute Opteron socket - support renewal. US Government Customers only. - basic support	\$ 0.91	
XTS-CNL-USGSKT-SUP	XT CNL OS components for XT Compute blades (excludes Catamount) per XT Compute Opteron socket - initial support. US Government Customers only. - basic support	\$ 0.91	
XTS-CRAYPAT-RSP	CrayPat Performance Collector, for XT systems - support renewal - basic support	\$ 71.64	
XTS-CRAYPAT-SUP	CrayPat Performance Collector, for XT systems - initial support - basic support	\$ 71.64	
XTS-EKO-ARSP-10	Support Renewal, Monthly, EKOPath, 10 user acad - basic support	\$ 327.36	

GSA PRICE LIST 2011

MANUFACTURER PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE	NOTES
OFFEROR NAME:	CRAY INC.		
MANUFACTURER NAME:	CRAY INC.		
PRODUCT FAMILY:	CRAY XT		
SPECIAL ITEM NUMBER:	132-34		
XTS-EKO-ARSP-2	Support Renewal, Monthly, EKOPath, 2 user acad - basic support	\$ 93.40	
XTS-EKO-ARSP-25	Support Renewal, Monthly, EKOPath, 25 user acad - basic support	\$ 651.99	
XTS-EKO-ARSP-5	Support Renewal, Monthly, EKOPath, 5 user acad - basic support	\$ 175.92	
XTS-EKO-ARSP-50	Support Renewal, Monthly, EKOPath, 50 user acad - basic support	\$ 903.17	
XTS-EKO-ASUP-10	Support, Monthly, EKOPath, 10 user acad - basic support	\$ 327.36	
XTS-EKO-ASUP-2	Support, Monthly, EKOPath, 2 user acad - basic support	\$ 93.40	
XTS-EKO-ASUP-25	Support, Monthly, EKOPath, 25 user acad - basic support	\$ 651.99	
XTS-EKO-ASUP-5	Support, Monthly, EKOPath, 5 user acad - basic support	\$ 175.92	
XTS-EKO-ASUP-50	Support, Monthly, EKOPath, 50 user acad - basic support	\$ 903.17	
XTS-EKO-GCRSP-10	Support Renewal, Monthly, EKOPath, 10 user com'l - basic support	\$ 369.97	
XTS-EKO-GCRSP-2	Support Renewal, Monthly, EKOPath, 2 user com'l - basic support	\$ 105.19	
XTS-EKO-GCRSP-25	Support Renewal, Monthly, EKOPath, 25 user com'l - basic support	\$ 735.42	
XTS-EKO-GCRSP-5	Support Renewal, Monthly, EKOPath, 5 user com'l - basic support	\$ 197.68	
XTS-EKO-GCRSP-50	Support Renewal, Monthly, EKOPath, 50 user com'l - basic support	\$ 1,018.34	
XTS-EKO-GCSUP-10	Support, Monthly, EKOPath, 10 user com'l - basic support	\$ 369.97	
XTS-EKO-GCSUP-2	Support, Monthly, EKOPath, 2 user com'l - basic support	\$ 105.19	
XTS-EKO-GCSUP-25	Support, Monthly, EKOPath, 25 user com'l - basic support	\$ 735.42	
XTS-EKO-GCSUP-5	Support, Monthly, EKOPath, 5 user com'l - basic support	\$ 197.68	
XTS-EKO-GCSUP-50	Support, Monthly, EKOPath, 50 user com'l - basic support	\$ 1,018.34	
XTS-LUSTRE-RSP	Support Renewal, Monthly, LUSTRE (does not include version 2.x.x or later) per socket(client/server) - basic support	\$ 0.91	
XTS-LUSTRE-SUP	Support, Monthly, LUSTRE (does not include version 2.x.x or later) per socket(client/server) - basic support	\$ 0.91	
XTS-OS-SKT-BS-RSP	XT OS components including SuSE, LWK, per system-support renewal - basic support	\$ 2,219.85	
XTS-OS-SKT-BS-SUP	XT OS components including SuSE, LWK, per system-initial support - basic support	\$ 2,219.85	
XTS-OS-SKT-USGRSP	XT OS components including SuSE, LWK, per socket, US Government-support renewal - basic support	\$ 0.91	
XTS-OS-SKT-USGSUP	XT OS components including SuSE, LWK, per socket, US Government-initial support - basic support	\$ 0.91	
XTS-PE-MT-BASE-RSP	XMT Programming Environment - per system - includes C/C++ compiler, libraries, debugger and performance analysis tool - unlimited number of users - support renewal - basic support	\$ 544.08	
XTS-PE-MT-BASE-SUP	XMT Programming Environment - per system - includes C/C++ compiler, libraries, debugger and performance analysis tool - unlimited number of users - initial support - basic support	\$ 544.08	
XTS-PE-MT-SKT-RSP	XMT Programming Environment - per socket - includes C/C++ compiler, libraries, debugger and performance analysis tool - unlimited number of users - support renewal - basic support	\$ 10.88	
XTS-PE-MT-SKT-SUP	XMT Programming Environment - per socket - includes C/C++ compiler, libraries, debugger and performance analysis tool - unlimited number of users - initial support - basic support	\$ 10.88	
XTS-PGI-RSP-10S	Support Renewal, Monthly, PGI, 10 seat - basic support	\$ 334.61	
XTS-PGI-RSP-25S	Support Renewal, Monthly, PGI, 25 seat - basic support	\$ 778.04	
XTS-PGI-RSP-2S	Support Renewal, Monthly, PGI, 2 seat - basic support	\$ 96.12	
XTS-PGI-RSP-50S	Support Renewal, Monthly, PGI, 50 seat - basic support	\$ 1,103.58	
XTS-PGI-RSP-5S	Support Renewal, Monthly, PGI, 5 seat - basic support	\$ 179.55	
XTS-PGI-SUP-10S	Support Initial, Monthly, PGI, 10 seat - basic support	\$ 334.61	
XTS-PGI-SUP-25S	Support Initial, Monthly, PGI, 25 seat - basic support	\$ 778.04	
XTS-PGI-SUP-2S	Support Initial, Monthly, PGI, 2 seat - basic support	\$ 96.12	
XTS-PGI-SUP-50S	Support Initial, Monthly, PGI, 50 seat - basic support	\$ 1,103.58	
XTS-PGI-SUP-5S	Support Initial, Monthly, PGI, 5 seat - basic support	\$ 179.55	
XTS-PMA-01S-RSP	Cray Performance and Analysis Toolkit for single concurrent user - support renewal - basic support	\$ 86.15	
XTS-PMA-01S-SUP	Cray Performance and Analysis Toolkit for single concurrent user - initial support - basic support	\$ 86.15	
XTS-PMA-10S-RSP	Cray Performance and Analysis Toolkit for 10 concurrent users - support renewal - basic support	\$ 157.78	
XTS-PMA-10S-SUP	Cray Performance and Analysis Toolkit for 10 concurrent users - initial support - basic support	\$ 157.78	
XTS-PMA-UNL-RSP	Cray Performance and Analysis Toolkit for unlimited number of concurrent users - support renewal - basic support	\$ 321.91	
XTS-PMA-UNL-SUP	Cray Performance and Analysis Toolkit for unlimited number of concurrent users - initial support - basic support	\$ 321.91	
XTS-SMW2-MYSQL-RSP	MySQL - RESTRICTED USE LICENSE - support renewal. - basic support	\$ 22.67	
XTS-SMW2-MYSQL-SUP	MySQL - RESTRICTED USE LICENSE - Initial support. - basic support	\$ 22.67	
XTS-SOURCE-RSP	Source license for system software (CLE) - support renewal - basic support	\$ 1,984.08	
XTS-SOURCE-SUP	Source license for system software (CLE) - initial support - basic support	\$ 1,984.08	
XTS-SYS-BASE-RSP	XT OS components for SIO blades including SuSE, CRMS, per system - support renewal - basic support	\$ 2,219.85	
XTS-SYS-BASE-SUP	XT OS components for SIO blades including SuSE, CRMS, per system - initial support - basic support	\$ 2,219.85	
XTS-SYS-MT-BASE-RSP	XMT Multithreaded Operating System - per system - support renewal - basic support	\$ 2,448.36	
XTS-SYS-MT-BASE-SUP	XMT Multithreaded Operating System - per system -initial support - basic support	\$ 2,448.36	
XTS-SYS-USGSKT-RSP	XT OS Components for SIO blades including SuSE, CRMS. Excluding Catamount. US Government option only. Support renewal. - basic support	\$ 0.91	
XTS-SYS-USGSKT-SUP	XT OS Components for SIO blades including SuSE, CRMS. Excluding Catamount. US Government option only. Initial support. - basic support	\$ 0.91	
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