

**Document Summary**

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## 1.0 SCOPE

The EPP technical specifications shown below were extracted from the solicitation DGS IFB 0911-005.

## 2.0 APPLICABLE LAWS and INDUSTRY STANDARDS

Specifications, standards and regulations referenced in this document in effect on the opening of the invitation for bid, form a part of this specification.

### 2.1 LAWS and REGULATIONS

- 2.1.1 Executive Order S-03-10
- 2.1.2 California Public Contract Code (PCC) Sections 12200 through 12217
- 2.1.3 California Code of Regulations (CCR), Title 22, Division 4.5, Chapter 23, Standards for Universal Waste Management
- 2.1.4 Health and Safety Code, Section 108922
- 2.1.5 CCR, Title 8, §5194

### 2.2 INDUSTRY STANDARDS

- 2.2.1 RoHS Directive

## 3.0 ENVIRONMENTAL PREFERABLE PURCHASING (EPP) REQUIREMENTS

Requirement types: Mandatory (M), Mandatory Scored (MS), Non-Mandatory (NM), Non-Mandatory Scored (NMS).

### 3.1 (from §6.7.1) ENVIRONMENTALLY PREFERRED PRODUCTS with ENERGY SAVINGS and OPERATIONAL EFFICIENCIES (MS, up to 100 points)

As directed by the Governor's Executive Order S-03-10, state government must achieve every possible efficiency in its operations and reduce the total amount of energy used by information technology. Bidders shall identify Energy Star (Version 1.0) qualified servers or describe any progress towards obtaining Energy Star qualification as applicable. The bidder may also submit information that provides for energy saving factors and actual case study information that involve power consumption or heat dissipation reductions. Technical literature and supporting information shall be provided to clearly delineate the products being offered for each Enterprise Server common configurations. The information must illustrate energy efficiencies in excess of standard market products. Bidders will be assessed individually for the presentation of actual technical literature and case study product implementations.

Bidders responses will be evaluated and points awarded as follows:

May award up to 25 points for a case study and/or Energy Star qualification/certification (or progress towards qualification/certification) illustrating power consumption and heat dissipation reductions/efficiencies in an installation of one core category the two common configurations bid.

May receive up to 50 points for implementations and case studies; and/or Energy Star qualification/certification (or certification progress towards qualification) illustrating power consumption and heat dissipation reductions/efficiencies in an installation of two core categories and two common configurations bid.

May receive up to 100 points for implementations and case studies and/or Energy Star qualification/certification (or certification progress towards qualification) illustrating power consumption and heat dissipation reductions/efficiency in an installation of three core categories and three common configurations bid.

It is understood that the bid may not include all three core categories; therefore, points will be assessed on the categories bid not to exceed 100 points.

3.2 (from §6.7.2) RoHS COMPLIANCE (M)

Bidders shall provide a declaration that the products offered comply with the European Union Reduction of Hazardous Substances (“RoHS Compliant”).

3.3 (from §6.7.3) MANUFACTURER’S ENVIRONMENTAL MANAGEMENT SYSTEM (NMS)

Bidder may provide documentation of their manufacturer’s Environmental Management System (EMS), such as ISO 14001, or a signed declaration for meeting the requirements of the ISO 14001 standard. Third party certifications may also be submitted for additional scoring. Management system shall include tracking and reporting for monitoring and evaluating progress in implementing environmental goals and targets.

The bidder may receive 15 points for providing documentation that the server manufacturing facility has an EMS. An additional 10 points may be given if the EMS is third-party certified.

3.4 (from §6.7.4) FLAME RETARDANTS (M)

A product or a flame-retarded part of a product, containing more than one-tenth of one percent of pentabrominated diphenyl ether (pentaBDE) or octabrominated diphenyl ether (octaBDE) cannot be manufactured, processed, or distributed in commerce (HSC §108922).

3.5 (from §6.7.5) HAZARDOUS MATERIALS DOCUMENTATION (M)

Products that contain hazardous substances, as defined by CCR §5194, Hazard Communication, shall comply with the requirements of CCR §5194(g), Material Safety Data Sheets (MSDS).

The Contractor must provide a MSDS, via facsimile or email, to the ordering agency upon written request.

- 3.6 (from §6.7.6) POSTCONSUMER RECYCLED CONTENT CERTIFICATION (M)  
State agencies are required to report purchases made within 11 product categories in the California Department of Resources Recycling and Recovery's (CalRecycle), formerly the California Integrated Waste Management Board, State Agency Buy Recycled Campaign (SABRC) per PCC 12200 through 12217. In order to comply with those requirements, the Contractors will be required to certify, in writing, the minimum percentage, if not the exact percentage, of postconsumer recycled content material (PCRC) in each of the products and associated shipping/packaging materials offered as part of this solicitation.

Exhibit 11.28, Postconsumer Recycled Content (PCRC) Certification Workbook contains the following documents:

1. PCRC Percentages Worksheet: Contractors shall complete the PCRC Percentages Worksheet listing the percentage of postconsumer recycled content material for each product offered.
2. Letter of Certification: Contractors shall print and sign the Letter of Certification certifying that the minimum percentage, if not exact percentage, listed in the PCRC Percentages Worksheet is accurate. The Letter of Certification shall be furnished under penalty of perjury. The Letter of Certification shall be provided regardless of content, even if the products contain no postconsumer recycled material.
3. Reportable Product Categories Table: This table is provided for informational purposes only and identifies the 11 reportable SABRC product categories.

Within 30 calendar days from contract award, the Contractor will be required to provide a signed Letter of Certification and the completed PCRC Percentages Worksheet to the State Contract Administrator. The PCRC Percentages Worksheet shall be provided in hard copy and electronic copy (on a CD-ROM in Microsoft Excel format).

During the life of the contract, the Contractor(s) will be required to submit revised PCRC Certification Workbook information if percentages are adjusted or if substitute line items are approved by the State Contract Administrator.

The amount of PCRC for the products must also be identified in the electronic catalog.

- 3.7 (from §6.7.7) BIOBASED MATERIALS (NM)  
If applicable, manufacturer must declare in writing the use of any renewable and bio-based materials and its content in product components.

3.8 (from §6.7.11) TRADE-IN or TAKE BACK PROGRAM (M)

Before any Trade-In/Take Back of a server can occur, State agencies must obtain approval for discarding their Universal Waste from the DGS, Procurement Division's Surplus Property Reutilization Program. In accordance with the State Administrative Manual (SAM), Chapter 5900, "Information Technology-Disposal of IT Equipment," each agency must explore the reutilization of surplus IT equipment prior to requesting approval for disposal or attempting to use the equipment as a credit toward the purchase or lease of new equipment.

Bidders shall make available on a non-mandatory basis, a Trade-In/Take Back program for existing enterprise class for the same OEM products at no cost or an applicable return value cost reimbursement to the State, when applicable.

A description of the Trade-In/Take Back program shall be submitted with the bid package. The Trade-In/Take Back program must not be solely an equipment "pick up" program.

Describe the activities and evaluation processes that will be used to ensure that the equipment (including component parts) is reused or recycled prior to disposal. Include the name, owner and location of the facilities involved in refurbishment, recycling, and ultimate disposal. At the end of useful life, servers are considered universal wastes and shall be managed and documented in accordance with CCR Universal Waste Rule, Standards for Universal Waste Management.

The State reserves the right to remove and retain data storage media, including but not limited to any hard disk drives in the server, prior to Trade-In/Take Back.