

SUPPLEMENTAL

COUNCIL AGENDA: 09/27/2005
ITEM: 3.4 (b)

Memorandum

TO: HONORABLE MAYOR AND
CITY COUNCIL

FROM: Scott P. Johnson

SUBJECT: SEE BELOW

DATE: September 21, 2005

Approved

Ray Wines

Date

6/22/05

SUBJECT: UPDATE ON THE CONSOLIDATED UTILITY BILLING SYSTEM -
REPORT ON BIDS

REASON FOR SUPPLEMENTAL MEMO

To provide additional information on the bid award for Sun hardware, installation, set-up and extended maintenance.

RECOMMENDATION

Report on bids and award the purchase of Sun Server Equipment, Clustering, Software, Installation, Set-up, and 5-year Extended Maintenance for the production server system to support the Consolidated Utility Billing Project, to the sole bidder, Helio Solutions (located in Santa Clara, CA) at a total cost of \$643,790.75 for the base bid and three (3) add alternate items, a 10% contingency, tax, freight, installation, set-up, the first year of five (5) years for extended maintenance, service and support with the option to extend the initial maintenance, service and support term for four additional years and authorize the Director of Finance to:

- a. execute the purchase order for the immediate purchase of the Sun Application and Database Server, External Web Server, Failover Server, Clustering, Software, Delivery, Installation, Set-up, First year of Extended Maintenance Service, and Sales Tax in the amount of \$585,264.34.
- b. execute purchase orders for additional equipment, software and maintenance/support utilizing the authorized contingency of \$58,526.41 without further Council action; and
- c. execute the options to purchase four additional one-year periods of maintenance, service and support for purchased equipment and software at a total of \$147,741.21, without further Council action other than appropriation of funds; and
- d. execute a purchase order for additional quantities of equipment and software licenses on an as-required basis at the same unit price for a period of twelve months after the initial award is placed, without further Council action other than appropriation of funds.

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BACKGROUND

The Information Technology Department ("IT") requested the purchase of Sun Application and Database Server, External Web Server, Failover Server, Software, Clustering, Delivery, Installation, Set-up and extended maintenance to support the hardware and software requirements necessary for the successful implementation of the Consolidated Utility Billing Project. The Director of Finance approved the brand name purchase as documented in the attachment.

ANALYSIS

A notice inviting bids was published on August 26, 2005. One bid, from Helio Solutions, Inc., Santa Clara, CA in the amount of \$698,152.69, was received and publicly opened on September 12, 2005.

To assess the limited response to this Request for Bid (RFB), each potential supplier who obtained the specifications and requirements for this RFB was contacted. The results of the survey were mixed. Six (6) Vendors outside California opted not to quote because of the large number of SUN suppliers and Value Added Resellers in Northern California. Four (4) Vendors were not authorized resellers of one or more of the products included in the RFB. Three (3) Vendors were certified for Maintenance, Service and Support only, and not capable of the installation and set-up of the equipment and software. Two (2) Vendors did not have staff on site to complete the Bid prior to due date.

SUMMARY

Staff recommends award to Helio Solutions, Inc., as described above, in accordance with the formal bidding procedures of the San Jose Municipal Code, Section 4.12.030.

OUTCOME

Provide required equipment, software and support to successfully consolidate utility billing services within the City of San Jose.

PUBLIC OUTREACH

This bid was placed on the City of San Jose web site and on the Demandstar bid notification system.

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COORDINATION

This memorandum has been coordinated with the City Manager's Budget Office, the Information Technology Department, and the City Attorney's Office.

COST IMPLICATIONS

This Council item is consistent with General Principle #2, "We must focus on protecting our vital core city services," and Item #7 "We must continue to streamline, innovate, and simplify our operations...so that we can deliver services at a higher quality level, with better flexibility, at a lower cost."

BUDGET REFERENCE

Fund #	Appn #	Appn. Name	RC#	Total Appn.*	Amt. for Contract	2005-2006 Proposed Operating Budget**	Last Budget Action (Date, Ord. No.)
423	3320	CUSP Project	500590	\$13,096	\$643,790.75 (Helio Solutions)	N/A	8/30/2005, Ord. No. 27530

*Total Appropriation represented does not include actions included for Council recommendation as part of the original memo-- 9/27/05 Agenda Item 3.4 (c) .

**The 2005-2006 Adopted Operating Budget was approved by the City Council on June 21, 2005.

CEQA

Not a project.



SCOTT P. JOHNSON
Director, Finance Department

Subject: BRAND NAME AND PROPRIETARY PROCUREMENT
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ATTACHMENT A – Request for Approval of Proprietary Specifications

Department Contact Information

Department and Contact Information:

Finance/ESD/IT – Consolidated Utility Billing Project

Contact: Dorothy McLaughlin 793-6967

Required Contract Information

Contractor: Manufacturer - SUN

Address:

Contact Person and Telephone Number:

Type of Product / Service Offered (briefly describe): Production servers for the Consolidated Utility Billing Project (formerly known as CUSP). See attached parts list.

Complete responses must be provided for all of the items listed below

A. GENERAL INFORMATION:

What are the performance requirements for the product you are requesting?

Must meet interoperability requirements with the City's existing environment, which is SUN. The Consolidated Utility Billing system will be an enterprise system. All of the City's enterprise applications are running in the SUN environment.

What products could potentially meet these performance requirements?

No other products would meet interoperability requirements.

What market research was conducted, including evaluation of other items considered? Were there other items with less restrictive specifications available? No, for reasons described above.

Are you purchasing this product in order to conduct a field test? Please describe the parameters of the test.

No

Is this product necessary to match existing inventory? Please state why.

Yes, to achieve interoperability with existing hardware/software, which includes previously purchased test/development servers for the Consolidated Utility Billing Project. If the production environment is not running on the same hardware environment, OS, release levels, etc. as the test/dev environment there is no guarantee that code developed and tested would run in production.

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Is the purchase of this product consistent with an approved technology architectural standard? Please attach documentation. No

B. PRICE ANALYSIS:

What pricing information was obtained?

Pricing information will be obtained through the bid process.

Describe any cost savings realized or costs avoided by acquiring only this product versus other products. Cost savings will be realized through leveraging of the City's existing SUN Solaris training and expertise.

Required Approvals

Requesting Department Director

Approved Denied

 Date

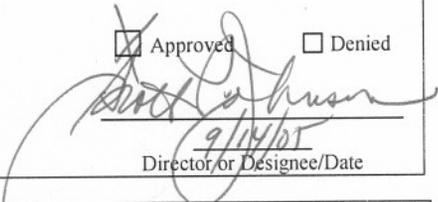
Chief Purchasing Officer

Approved Denied


 Date

Finance Director

Approved Denied


 Date
 Director or Designee/Date

Standardization Valid until (Month/Day/Year): Approved only for Bid 05-06-01, Sun Hardware, Installation, and Extended Maintenance

BID INFORMATION CONSOLIDATED UTILITY BILLING SYSTEM PRODUCTION HARDWARE

Sun E6900 Production Application and Database Server

Part #	Description	Quantity
E6900-BASE	Sun Fire E6900 base server cabinet. Includes 6 * Power supplies, 6 * Fan Trays, 2 * System Controllers, 2 * Redundant Transfer Units with 4 Redundant Transfer Switches	1
SG-MT3-H3D1	Sun StorEdge D240 Media Tray with 3 Hard Disks, 1 DVD-ROM, (3x73GB HDD's, 1xDVD), factory installed into specified Expansion Cabinet	1
Domain 1		
4051A	PCI + I/O Assy for Sun Fire 4800, E4900, 6800, and E6900 servers. Eight 64 bit PCI slots with 6 at 66Mhz and 2 at 33Mhz.	2
4444A	Sun Quad GigaSwift Ethernet UTP Adapter (QGE) is a full length PCI card with four 10/100/1000 BASE-T Ethernet interfaces in a single card.	1
4422A	PCI Adapter with two 10/100/1000 Mbps Ethernet UTP (RJ45) and two 80 MBps Wide-Ultra2 SE/LVD SCSI interfaces.	1
CPUBD-482-1200	Uniboard bundle with: 4 CPUs running at 1.2 GHz; 4x8MB Ecache; 8 banks of 2GB memory options (32 x 512MB DIMMs, 16GB total for the board). (Standard Configuration) For use with the Sun Fire 4800, 6800, 12K and 15K	1
Domain 2		
4051A	PCI + I/O Assy for Sun Fire 4800, E4900, 6800, and E6900 servers. Eight 64 bit PCI slots with 6 at 66Mhz and 2 at 33Mhz.	2
4444A	Sun Quad GigaSwift Ethernet UTP Adapter (QGE) is a full length PCI card with four 10/100/1000 BASE-T Ethernet interfaces in a single card.	1
4422A	PCI Adapter with two 10/100/1000 Mbps Ethernet UTP (RJ45) and two 80 MBps Wide-Ultra2 SE/LVD SCSI interfaces.	1
CPUBD-482-1200	Uniboard bundle with: 4 CPUs running at 1.2 GHz; 4x8MB Ecache; 8 banks of 2GB memory options (32 x 512MB DIMMs, 16GB total for the board). (Standard Configuration) For use with the Sun Fire 4800, 6800, 12K and 15K	1
EIS-E49-E69-NC	Enterprise Installation Services for SunFire E4900 - E6900. Onsite installation during business hours; No Charge.	1
X3800A	Power Cord for Enterprise System and Expansion Cabinet, U.S. Version (NEMA L6-30P Plug)	4
CDM9S-011-9FB9-IP	CPU Diagnostics Monitor v1.1, No license, Factory Download, Online Documentation, Solaris only, US English, pricing per kit, FOR FACTORY DOWNLOAD ONLY	1
JVSZ9-051C99-IP	Factory installation of Java Enterprise System 2005Q1 for Solaris SPARC platform.	1
SDESS-300-9FN9-IP	Factory download/installation of Storage Automated Diagnostic Environment Version 2.4 software. (StorAde) ** FOR FACTORY DOWNLOAD ONLY **	1
SOLZS-10AC9A9S-IP	Solaris 10 3/05, SPARC Platform Pre-Install (FOR INTEGRATION).	1
SOLZ9-10AC9A7M	Solaris 10 3/05 release, DVD media kit. Multilingual. No hardcopy documentation, no license.	1
W9D-S3BD-24-3G	UltraSPARC III 4-Way System Board for Sun Fire E4900 to E25K servers upgrade to Gold Support + 7x24 On-Site Support for 3 Years.	2
W9D-D240-MT-24-3G	StorEdge D240 Media Tray Upgrade to Gold Support + 7X24 On-Site Support for 3 Years	2

W9D-E69-24-3G Sun Fire E6900 System Upgrade to Gold Support + 7X24 On-Site Support for 3 Years. 1

Sun V240 External Web Server

Part #	Description	Quantity
N32-XKB2C1204HB	Sun Fire V240, 2 x 1.5GHz UltraSPARC IIIi, 4 x 512MB DIMMS, 2 x 73GB Drives, 4 x 10/100/1000 Gigabit Ethernet, ALOM Remote Manager, Three PCI Slots, n+1 Redundant Power & Java ES & Solaris 10 pre-installed.	2
X7410A	X-Option - Internal DVD-ROM Drive Slimline, for Sun Fire V210 and Sun Fire V240.	2
X311L	Localized Power Cord Kit North American/Asian	4
X7703A	1GB Memory Expansion Kit (2*512MB) low-profile DDR PC2100 or faster registered ECC DIMMs for use in Sun Fire V210, Sun Fire V240, Sun Fire V440, Netra 240, Netra 440, Sun Blade 1500 and Sun Blade 2500. Minimum 4.16.x OBP is required when upgrading with these DIMMs.	4
W9D-N32-3G	Sun Fire V240 upgrade to 3 Years of Gold Support	2
EIS-WGS-E	Enterprise Installation Services; Onsite during normal business hours.	2

Sun V480 DB Failover Server

Part #	Description	Quantity
A37-WBPF4R16GRB	Sun Fire V480 Server, 4 * 1.2GHz UltraSPARC III Cu processors with 8MB Ecache each, 16GB memory (32 * 512MB DIMMs), 2 * 73GB 10K rpm FC-AL hard disks, DVD-ROM, 2 10/100/1000 ethernet ports, 1 serial port, 2 USB ports, 6 * PCI slots, 2 (N+1 redundant) power supplies, Solaris server license (Standard Configuration)	1
SG-XPCI1FC-QF2	PCI Single FC 2Gb Host Bus Adapter (with SFS Drivers)	1
SG-XPCI2FC-QF2	PCI Dual FC 2Gb Host Bus Adapter (with SFS Drivers)	1
X311L	Localized Power Cord Kit North American/Asian	4
XTA3510R01A1V365	Sun StorEdge 3510 FC Array Rack Ready, 365GB (5 x 73GB 15K RPM disks) w/1 FC RAID controller, 1GB cache, and 2 AC power supplies. Includes Sun StorEdge Configuration Service software.	1
XTA-3510-73GB-15K	73GB Fibre Channel, 15Krpm Disk Drive	3
XTA-3000-2URK-19U	Sun StorEdge(TM) 3000 2U universal rack, sliding rail kit.	1
EBA9S-301-E9M9	ESM Base Applications, Media and Documentation; Includes: Sun Storage Automated Diagnostic Environment 2.4, Sun SAN Foundation Software 4.4.5, Storage Portlets	1
X9734A	15M LC to LC FC Optical Cable	2
W9D-SE3510-24-3G	SE3510 Upgrade to 3 Years of Gold Support + 7X24 On-Site Support	1
W9D-A37-24-3G	Sun Fire V480 Server Upgrade to Gold Support + 7X24 On-Site Support for 3 Years	1
EIS-WGS-E	Installation of one (1) Sun Workgroup Server during local business hours.	4
EIS-ARRAY-E	Installation of Sun StorEdge Array During local business hours, Base charge only, must be ordered in conjunction with tray installation service (EIS-ARRAY-TRAY-E). Includes Installation. This part number is also used for Next-Visit installs.	1
EIS-ARRAY-TRAY-E	Installation charge for storage trays into any of the SE6xx0/3xx0 base units during local business hours.	1

Backup

Part #	Description	Quantity
	Sun StorEdge L25 LTO -3 LVD base unit, rackmount standard 0 drives	1
SG-XTAPLTO3LVD-MOD	80MB/Sec throughput	2
SG-XFC420CARD-MOD	Fibre Channel Internal Bridge for Sun StorEdge L25/L100 LVD Base Libraries	1
SG-XPCI2FC-QF2	PCI Dual FC 2GB Host Bus Adapter (with SFS Drivers)	1
X9736A	15M LC to LC FC Optical Cable	1
	LTO - Gen 3 Media 10 pk.	3
	LTO Universal cleaning cartridge 10 pk.	1
	Rack Rails Kit for Chatsworth MegaFrame rack	1
	Veritas Netbackup Server	1
	NetBackup Option,Cross Platform,Library Based Tape Drive	
A11397C-000000	Support,v5.0,License	2
W11397C-000112	NetBackup Option,Cross Platform,Library Based Tape Drive Support,v5.0 Ext	2
	Netbackup Unix Client License	4

ADD ALTERNATE BID INFORMATION

Sun Cluster of E6900 & 480

Model #	Description	Quantity
CLUZS-999-99M	SC 3.1 BASE MEDIA KIT LATEST	1
CLA95-999-99M9	SC 3.1 AGENTS MEDIA KIT LATEST	1
CLSIS-LCO-L999	SunPlex server license for Sunfire 6900	1
CLSIS-LCO-G999	SunPlex server license for Sunfire /v480	1
CLAIS-XXR-9999	SUNPLEX AGENT LIC X HA ORACLE	1
NAV9S-310-99YS	L10N AVL STE 3.1 MED KIT & DOC	1
NAV2S-LCO-9929	AVAIL SUITE 1TB LIC	1
	Bundle-Includes Operating System installation, Sun installation for ""active-pasive"" failover using standard failover agents (Oracle).	
Sun Cluster Installation	Installation includes Availability Suite's Instant Copies of Oracle DB Volumes able to be mounted as valid DB's. These must be able to be scheduled and initiated from the host. The storage will be Sun Storage or storage allocated to this project from a SAN.	1
VVMGS-400-3C99	VERITAS Volume Manager 4.0 Licnese Tier 3C for SF6900 Server	1
VVMGS-400-1B99	Veritas Volume Manager 4.0 Licnese Tier 1B for V480	1
VVMGS-3C99-1PR	Veritas Volume Manager License Tier 3C for SF 6900 Server, Annual Premium Support	1
VVMGS-1B99-1PR	VERITAS Volume Manager License Tier 1B for V480. Annual Premium Support	1
To Be Determined	QLogic Host Bus Adapter cards for clustering	4

Veritas Cluster of E6900 & 480

Model #	Description	Quantity
A09993F-J00000	Cluster Server,Solaris,v4.0,License Tier 3C	1
W09993F-J00212	Cluster Server,Solaris,v4.0,License Tier 3C	1
A09993F-B00000	Cluster Server,Solaris,v4.0,License Tier 1B	1
W09993F-B00212	Cluster Server,Solaris,v4.0,License Tier 1B Extended Support, 1 Yr 24x7	1
A09999F-B00000	Cluster Server,Solaris,Oracle 8i/9i Agent,v4.0,License Tier 1B	1
W09999F-B00212	Cluster Server,Solaris,Oracle 8i/9i Agent,v4.0,License Tier 1B Extended Support, 1 Yr	1
A09999F-J00000	Cluster Server,Solaris,Oracle 8i/9i Agent,v4.0,License Tier 3C	1

W09999F-J00212	Cluster Server,Solaris,Oracle 8i/9i Agent,v4.0,License Tier 3C Extended Support, 1 Yr 24x7	1
NAV9S-310-99YS	L10N AVL STE 3.1 MED KIT & DOC	1
Veritas Cluster (VCS) Installation	Bundle-Includes Operating System installation, VCS installation for ""active-passive"" failover using standard failover agents (Oracle). Installation includes Availability Suite's Instant Copies of Oracle DB Volumes able to be mounted as valid DB's. These must be able to be scheduled and initiated from the host. The storage will be Sun Storage or storage allocated to this project from a SAN.	1
A10028F-J00000	Volume Manager,Solaris,v4.0,License Tier 3C	1
W10028F-J00212	Volume Manager,Solaris,v4.0,License Tier 3C Extended Support, 1 Yr 24x7	1
A10028F-B00000	Volume Manager,Solaris,v4.0,License Tier 1B	1
W10028F-B00212	Volume Manager,Solaris,v4.0,License Tier 1B Extended Support, 1 Yr 24x7	1
To Be Determined	QLogic Host Bus Adapter cards for clustering	4

Sun E6920 Storage Server

Part #	Description	Quantity
XTA6920-10-144-V04	Sun StorEdge 6920 System, 4TB, w/ 16 FC port DSP, 4 Controller Trays, 0 Expansion Trays, 4 RAID Controller cards, 4x14x73GB 15K rpm FC-AL drives; Preconfigured w/2 RAID5 RAIDsets & 1 Array Hot Spare/tray; includes Storage Service Processor, SSRR HW/SW, Ethernet Hub; installed in a 72-in StorEdge cabinet; Fully cabled w/rails for Sun StorEdge 6020 HA arrays; 3 yr on-site warranty. Sun StorEdge Remote Response is included where available during the warranty. St. Config.	1
X3858A	U.S./Canada power cord for StorEdge expansion cabinet (NEMA L6-30P plug)	2
NCSSS-S1B-9FN9	Sun StorEdge[TM] 6920 System Host Installation Software, Version 1.X. Includes Configuration Service, StorADE 2.3 and SAN Foundation Kit 4.4, Thin Scripting Client and Media, Documentation and Unlimited RTU. (NO CHARGE WHEN PURCHASED WITH SE6920) English Only	1
XTA6920-SPM-UNLTB	Sun StorEdge 6920 - Sun StorEdge Storage Pool Manager software right-to-use (RTU) license key for Unlimited TB of data.	1
NCSSS-30X-9F99	Sun StorEdge[TM] 6920 System 3.0.X system baseline. (NO CHARGE, CAN ONLY BE PURCHASED WITH CONFIGURE TO ORDER STOREDGE 6920 SYSTEM)	1
SG-XPCI1FC-QF2	PCI Single FC 2Gb Host Bus Adapter (with SFS Drivers)	4
EIS-6920ARRAY-SYSE	Sun StorEdge 6920 Enterprise Installation Service during local business hours.	1

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