



Transportation Committee

November 8, 2012

Subrecipient Agreement between SACOG and Sacramento Regional Transit for Connect Card Project Funds for a Regional Service Center Hardware Procurement

Issue: A contractual agreement is required to pass through Connect Card project funds from SACOG to Sacramento Regional Transit (RT) to implement a hardware procurement.

Recommendation: That the Transportation Committee recommend that the Board authorize the Chief Executive Officer to enter into a subrecipient agreement with RT for regional Public Transportation Modernization, Improvement, and Service Enhancement Account (PTMISEA) funds in the amount of not to exceed \$571,000 to finance the procurement of Connect Card computing and communications hardware for the Regional Service Center.

Discussion: The Connect Card implementation is transitioning from the system design phase to procurement and manufacturing. As part of this effort, the project now requires procurement of hardware for the Regional Service Center (RSC).

RT is providing the facilities and staffing on behalf of the regional Consortium for centralized functions at the RSC. Computing and communications hardware and environmental upgrades to the server room are necessary to build the RSC. Equipment purchased will include computer servers, cables, hardware racks, communication hubs, and other components. The environmental controls and backup systems in the main server room will receive a major upgrade. Procurement for the hardware through RT is expected to provide an efficient method to acquire the hardware, given RT's information technology expertise and because of the physical siting of the RSC on RT property.

SACOG already has three active PTMISEA subrecipient agreements with RT for other projects. As with all standard SACOG subrecipient agreements, RT agrees to fully comply with PTMISEA requirements. Approval of the proposed subrecipient agreement will help the Connect Card fill a procurement need in an effective manner and keep the project on schedule. The actual pricing will depend on the competitive bids. SACOG will be invoiced on a reimbursement basis, such that unexpended funds will be returned to the project budget. The funding for the work is included in our approved Overall Work Program and project budget.

Approved by:

Mike McKeever
Chief Executive Officer

MM:RM:gg

Attachment

Key Staff: Kirk Trost, Chief Operating Officer & General Counsel, (916) 340-6210
Matt Carpenter, Director of Transportation Services, (916) 340-6276
Robert McCrary, Senior Planner, (916) 340-6238

count	Delivered by Init?	Item english	incl.
Servers			
2		Blade Enclosures	
		HP BladeSystem c-7000 Enclosure (508664-B21)	1
9		ESX Blade Servers	
		HP ProLiant BL460c G7 Server Blade	1
1		Test ESX Blade Server	
		HP ProLiant BL460c G7 Server Blade	1
5		WLAN Servers	
		HP ProLiant DL120 G7 Server (628692-001)	1
		Intel® Xeon® E3-1240 (4 core, 3.3 GHz, 8MB, 80W, 1333/f)	1
		4GB PC3-10600E UDIMMs DDR3 (2x2GB)	1
		160GB SATA 7.2K Hot Plug 3.5 HDD	2
		HP 400W Power Supply	1
		HP 9.5mm SATA DVD ROM Drive	1
		HP P212/256 Smart Array Controller RAID 1	1
		HP Embedded NC112i Gigabit Server Adapter	1
		HP iLO Advanced 1 Server License w/ 1yr 24x7 Technical Support and Updates & iLO Port Option Kit	1
		HP 1.83m 10A C13-UI US Power Cord	1
Workstations			
5		Agency Workstations	
		HP Z400 Workstation (VA798UT)	1
		1 Intel® Xeon® Quad-Core Processor W3565 (3.2 GHz, 8 MB cache, 1066 MHz memory)	1
		6 GB 1333 MHz DDR3 ECC Unbuffered	1
		250 GB 7200 rpm SATA NCQ X2 HDD	2
		RAID 1 drive set	1
		SATA SuperMulti DVD writer	1
		AMD FirePro V5900 2GB Graphic Card	1
		10/100/1000 Network Interface Card	1
		Microsoft Windows 7 Professional x64	1
		HP Standard Limited Warranty - 3 Years Parts and on-site Labor, Next Business Day	1
		HP Services, 3 year parts, 3 year labor, and 3 year onsite service (3/3/3) standard warranty	1
13		Customer Service Workstations	
		HP Z400 Workstation (VA798UT)	1
		1 Intel® Xeon® Quad-Core Processor W3565 (3.20 GHz, 8 MB cache, 1066 MHz memory)	1
		6 GB 1333 MHz DDR3 ECC Unbuffered	1
		250 GB 7200 rpm SATA NCQ X2 HDD	2
		RAID 1 drive set	1
		SATA SuperMulti DVD writer	1
		AMD FirePro V5900 2GB Graphic Card	1
		10/100/1000 Network Interface Card	1
		Microsoft Windows 7 Professional x64	1
		HP Standard Limited Warranty - 3 Years Parts and on-site Labor, Next Business Day	1
		HP Services, 3 year parts, 3 year labor, and 3 year onsite service (3/3/3) standard warranty	1
1	YES	Smart Media Certification Workstation	
		HP Z400 Workstation (VA798UT)	1
		1 Intel® Xeon® Quad-Core Processor W3565 (3.20 GHz, 8 MB cache, 1066 MHz memory)	1
		6 GB 1333 MHz DDR3 ECC Unbuffered	1
		250 GB 7200 rpm SATA NCQ X2 HDD	2
		RAID 1 drive set	1
		SATA SuperMulti DVD writer	1
		AMD FirePro V5900 2GB Graphic Card	1
		10/100/1000 Network Interface Card	1
		Microsoft Windows 7 Professional x64	1
		HP Standard Limited Warranty - 3 Years Parts and on-site Labor, Next Business Day	1
		HP Services, 3 year parts, 3 year labor, and 3 year onsite service (3/3/3) standard warranty	1
2	YES	High-Volume Printer/Encoder Workstation	
		HP Z400 Workstation (VA798UT)	1
		1 Intel® Xeon® Quad-Core Processor W3565 (3.20 GHz, 8 MB cache, 1066 MHz memory)	1
		6 GB 1333 MHz DDR3 ECC Unbuffered	1
		250 GB 7200 rpm SATA NCQ X2 HDD	2

	RAID 1 drive set	1
	SATA SuperMulti DVD writer	1
	AMD FirePro V5900 2GB Graphic Card	1
	*network interface card disabled	0
	Microsoft Windows 7 Professional x64	1
	HP Standard Limited Warranty - 3 Years Parts and on-site Labor, Next Business Day	1
	HP Services, 3 year parts, 3 year labor, and 3 year onsite service (3/3/3) standard warranty	1
1	Encryption Key Generation Workstation	
	HP Z400 Workstation (VA798UT)	1
	1 Intel® Xeon® Quad-Core Processor W3565 (3.20 GHz, 8 MB cache, 1066 MHz memory)	1
	6 GB 1333 MHz DDR3 ECC Unbuffered	1
	250 GB 7200 rpm SATA NCQ X2 HDD	2
	RAID 1 drive set	1
	SATA SuperMulti DVD writer	1
	AMD FirePro V5900 2GB Graphic Card	1
	*network interface card disabled	0
	Microsoft Windows 7 Professional x64	1
	HP Standard Limited Warranty - 3 Years Parts and on-site Labor, Next Business Day	1
	HP Services, 3 year parts, 3 year labor, and 3 year onsite service (3/3/3) standard warranty	1
22	Monitors	
	HP Compaq LA2006x 20-inch LED Backlit LCD Monitor (HP Model: LA2006x)	1
	HP LCD Speaker Bar (HP Model: NQ576AA)	1
SAN		
2	SAN	
	HP P4800 G2 31.5TB SAS SAN BladeSystem	2
WLAN components		
5	Firewall for WLAN	
	Mfr Part #: ASA5505-UL-BUN-K9	1
	CISCO ASA 5505 Appliance with SW, UL Users, 8 ports, 3DES/AES	
	ASA5505-UL-BUN-K9	3
	Mfr Part #: CON-SNT-ASSULBK9	
12	WLAN Access Points	
	Cisco Aironet 1242AG Access Point (AIR-AP1242AG-A-K9)	1
	Cisco SMARTnet Onsite 8x5xNBD (CON-OS-AIRAPAK9)	3
	CISCO 2.4 GHz, 5.2 dBi Mast Mount Omni Ant w/RP-TNC Connector (AIR-ANT2506)	1
	Aironet 1200 Wall Mount Kit (AIR-AP1242MNTGKIT=)	1
	TerraWave 18x16x10 H/C Latching Lock Enclosure 2 Holes (V181610L02HC)	1
Network components		
4	Network Switch Cisco Catalyst 3750X-24	
	WS-C3750X-24T-S: CISCO CATALYST 3750X-24T-S - SWITCH - L3 - MANAGED - 24 X 10/100/1000	1
	CON-OS-3750X2TS:ONSITE 8X5XNBD Catalyst 3750X 24 Port Data IP Base	3
4	Central Firewall	
	ASA5510-SEC-BUN-K9 - CISCO ASA 5510 Security Plus Appl with SW, HA, 2GE+3FE, 3DES/AES	1
	CON-SNT-AS1SBK9 - CISCO SMARTNET 8X5XNBD ASA5510 Sec+ w/150 VPN Prs,5FE,3DES/AES	3
Miscellaneous		
1	Software and Licences	
	Windows Server 2008 R2 Standard (Part #P73-04754)	29
	Domain Time II Starter Kit (Part #GW960356)	2
	Domain Time II extra clients (Part #GW960370)	10
	Orion Network Performance Monitor - SL100 license with 1st-year maintenance (up to 100 elements) (Manufacturer Part# : 1247)	1
	VMware Standard Accel Kit for 8 proc (32GB vRAM per proc) + Production SNS Standard 3year Support	2
	VMware vSphere 5 Standard for 1 processor (with 32 GB vRAM entitlement per processor) + Basic (12x5) 3 Year Support	2
	Vmware SRM5 Std (25 VMs + Production SNS 3year Support	1
	Elec Dwnld only OLP WINRMTDSKTPSRVCSCAL 2008R2 SNGL NL USRCAL (A3064318)	6
	License for MetaFrame Presentation Server Xenapp Advanced Edition Connection Pack - 1 Concurrent User (A0366129)	6
	RemotelyAnywhere 10 Server Edition License	50
1	Backup Solution & Software	
	HP X1600 G2 12TB SATA Network Storage System (NAS) (6 x 2TB SATA LFF HDDs in front slots for data, 2 x 146GB SAS SFF HDDs in rear slots for OS (BV861A)	1
	Veeam Backup & Replication 6 Standard for Vmware Tier A (1-6 Cores) (V-BCKUPVS-AP000-00-A)	8

2		Rack and Accessories	
		Raritan Dominion KX2-108 - KVM switch - 8 ports - with 8x D2CIM-VUSB	1
		HP TFT7600G2 KVM Console Rackmount Keyboard Monitor 1U Console	1
		Chatsworth Products, Inc. four-post rack (50120-103)	1
		CAT6 Network Cables (*various lengths)	100
		APC AP9571A Basic Rack 10-Outlet 4.99 kVA PDU	2
2		UPS	
		APC Smart-UPS RT 15KVA RM 208V, 208V/120V 5KVA Step down Transformer	1
2		Compact Card Printer	
	YES	Fargo DTC4500	1
13		Receipt Printer	
	YES	EPSON TM-T88IV	1
13		Webcam	
	YES	Logitech C510	1