

*California Automated Consortium Eligibility  
System, C-IV Project*



**County Purchase SB-14-2017  
San Bernardino County - New Site - Apple Valley TAD**



## I. Overview:

San Bernardino County ("County") will be opening a new Managed site that will be located at 13886 Central Road in Apple Valley, California. This site will include up to sixty-seven (67) new users. This County Purchase includes new network infrastructure equipment and software, Hardware and Software Support Charges, Administrative Charges for the planning, configuration, and installation of the equipment, and one-time and recurring Production Operations Charges. The scope of this County Purchase includes the following:

- Hardware Charges
  - (1) HP DL360p Gen9 8-SFF CTO Rack Server
    - 2 x E5-2623v3 CPU
    - 2 x 8GB 2Rx8 PC4-2133 RAM
    - 4 x 300GB SAS 15K SFF SC HDD
    - 1 x HPE 1TB SATA 7.2K SFF SC DS HDD
    - 1 x HP Smart Array P440ar/2G FIO Controller
    - 2 x HP 500W FS Plat Ht Plg Power Supply
    - 1 x SATA DVD-ROM Drive
    - 1 x 1U SFF Easy Install Rail Kit
  - (1) Cisco ONE ISR 4331 Router (3GE,2NIM,1SM,4G FLASH,4G DRAM,IPB)
  - (1) Upgrade to 16GB DRAM/16GB Flash, 200GB mSATA SSD bundle
  - (1) 2-Port Multiflex Trunk Voice/Clear-Channel Data T1/E1 Module
  - (1) Multi-Mode VDSL2/ADSL/2/2+ NIM Annex A
  - (1) Cisco Catalyst 3650 48-Port Core Switch Data 4x1G Uplink IP Base with 250W Secondary P/S
  - (1) Cisco Catalyst 2960 Plus 48-Port 10/100 + 2 T/SFP LAN Base Access Switch
  - (2) 802.11ac W2 Access Point w/CA; 4x4:3SS; Int Ant; 2xGbE, A Domain
  - (2) Power Injector 802.3AT for AIRONET Access Points
  - (2) APC Smart-UPS X 1500VA Rack/Tower LCD 120V with Network Card
  - (2) APC Rack PDU Switched, 1U, 15A, 100/120V, (8)5-15 (Part # AP7900B)
  - (4) Patch Cable, Cat5e 6' - Blue
  - (2) Patch Cable, Cat5e 10' - Blue
- Software Charges
  - (1) HPE iLO Advanced - includes 3-year TSU 1-Server License
  - (1) Cisco ONE Foundation Perpetual License ISR 4331
  - (1) Cisco One WAAS 1300 Conn Perpetual License
- Hardware Support Charges
  - (1) HP Proliant DL360p G9 Server - 3 Years of Hardware Support
  - (1) Cisco 4331 Router - 3 Years of Hardware Support
  - (1) Cisco Catalyst 3650 48-Port Switch - 3 Years of Hardware Support
  - (1) Cisco Catalyst 2960 Plus 48-Port Switch - 3 Years of Hardware Support



- (1) Cisco Wireless Access Point - 3 Years of Hardware Support
- Software Support Charges
  - (1) HPE iLO Advanced Non-Blade - 3 Years of Software Support
  - (1) Cisco C1 Foundation Perpetual License ISR 4331 - 3 Years of Software Upgrades and Support
  - (1) Cisco VWAAS 1300 conns RTU - 3 Years of Software Upgrades and Support
- Production Operations Charges
  - One-Time Operations Charges
  - Recurring Operations Charges
- Administrative Charges

Assumptions:

- The Total Cost is an estimate and is subject to changes at the time of ordering. The estimate includes shipping/handling and taxes as appropriate. The final cost will be provided to the Consortium at the time of invoicing.
- New hardware will initially be delivered to C-IV Network Operations Center ("NOC") in Monrovia, California where Contractor will asset-tag and inventory the equipment. After this activity has been completed, Contractor will transport the equipment to the County for installation.
- Taxes for hardware items were estimated at 9.50% and based on the initial shipping location of Monrovia, California.
- Shipping/Handling charges for hardware items were estimated at a rate of 3.0%.
- The Consortium will retain ownership of all infrastructure equipment purchased under this County Purchase.
- Hardware and Administrative Charges will be invoiced and paid in full upon receipt of equipment acceptance.
- Contractor staff will be responsible for the setup and installation of the network infrastructure equipment on this order.
- No new workstations, monitors, or scanners are included in this County Purchase, as the County will be deploying from existing inventory purchased under County Purchase SB-09-2016.
- The County will be responsible for both one-time and monthly recurring Production Operations charges for WAN Administration for the new site in Apple Valley, California.
  - Recurring Production Operations charges will be billed monthly in arrears and are based on one (1) T1 line and one (1) DSL back-up line. Based on a planned quantity of sixty-seven (67) users at this site, one (1) T1 line and one (1) DSL line are required per the C-IV LAN model.
    - If the total number of users exceeds eighty-eight (88) as a result of further expansion, additional T1 and/or DSL lines would be required and result



- in additional Production Operations charges via the execution of a separate County Purchase.
- Recurring charges are scheduled to commence on January 1, 2017 and will continue through the end of the Agreement, October 31, 2019. Recurring Production Operations charges will be invoiced in monthly arrears to the Consortium, who will then invoice the County.
  - The County will be providing sixty-seven (67) scanners for this site from existing inventory purchased under County Purchase SB-09-2016. The scanners will be used for growth and, therefore, the County will be responsible for monthly recurring Production Operations charges for servicing scanners and scanner maintenance kits.
    - These operations charges will apply to the County-provided sixty-seven (67) scanners from the date the scanners are deployed and in use. Charges are scheduled to commence January 1, 2017 and will continue through the end of the Agreement, October 31, 2019.
    - Production Operations charges will be invoiced in monthly arrears to the Consortium, who will then invoice the County.
    - The monthly operations charge per covered scanner includes one scanner maintenance kit per scanner per year on average. Excessive usage could result in additional scanner maintenance kits being required. These additional kits are not included in the monthly charge and will be procured through the execution of a separate County Purchase.
  - The County is responsible for all facility setup including, but not limited to: furniture, electricity, HVAC, and data/electrical cabling.
  - Contractor staff will be responsible for the setup and installation of the County's existing sixty-seven (67) dual-monitor workstations and software that will be deployed at the new site. Contractor staff will work with the County staff to establish an installation date for the network infrastructure equipment and workstations.
  - County staff will provide a detailed inventory list of installed scanners to Contractor staff to allow asset information to be updated in Unicenter.
  - With regard to configuration and installation of the network infrastructure equipment on this order:
    - The County will provide Contractor staff with suitable parking spots on-site, including enclosed parking facility overnight and employee parking during the day.
    - Contractor staff will require access to all equipment, including areas inaccessible to unauthorized personnel.
    - The County will provide Contractor staff with the appropriate access badges or escorts in order to stay on schedule.
    - Contractor staff will perform all network installations Monday through Friday (with the exception of County holidays), between the hours of 8:00 a.m. - 5:00 p.m.
  - With regard to installation of the existing County-provided workstations:
    - Contractor staff will perform all hardware installations during normal business hours of 8:00 a.m. - 5:00 p.m., Monday through Friday (with the exception of County holidays).



- The County will provide Contractor staff with the appropriate access badges or escorts throughout the duration of the project.
- During the time of the installations, the County will provide sufficient personnel on site to accompany and support Contractor staff with the work effort (coordination at the site, coordination with the users, storage of user files, etc.).
- The County will provide Contractor staff with suitable parking spots on-site, including enclosed parking facility overnight and employee parking during the day.
- The County will provide Contractor staff with a conference room or similar secured area at the installation site for staging of the new workstations.
- Contractor staff will require access to all equipment, including areas inaccessible to authorized personnel.
- The Contractor will work with the County to determine a roll-out schedule for installation of the equipment.
- County staff will be responsible for moving/storing users' files before any retiring equipment is removed. Users' files will no longer be accessible once the equipment has been removed.
- County staff will be responsible for ensuring that Contractor staff can access equipment placed on desks (i.e. removal of files and decorations at each cubicle must be performed by the user prior to installation/de-installation).
- For new workstations and monitors, Contractor staff will un-package and connect all necessary cables and cords.
- Contractor staff will use existing power strips (new power strips will not be provided).
- After each new workstation has been set up on a desktop and powered on, Contractor staff will join the workstation to the domain with a new workstation ID as defined by the Central Network Operations team.
- County staff will be responsible for transferring files from the server (ex. PST, etc.). Once these activities have been completed, Contractor staff will verify installation by having the User log in and access the C-IV Application through Microsoft Internet Explorer. If the User is not available at the time of installation, Contractor staff will return to this cubicle at the end of the day, or on another day at the end of the installations (if not returning to that site the next day).
- County IT staff will be responsible for post-installation configuration of all new workstations (e.g., County printers and software).
- Peripheral County equipment (e.g., PDAs, speakers, etc.) will not be connected by Contractor staff.
- Any defective mice or keyboards will follow C-IV's current procedures for replacement as documented in the C-IV System Operations and Support Plan ("SOSP").
- The County will provide Contractor staff with access to fax machines. At the end of each day, Contractor staff will submit asset information to the C-IV central depot team via fax for tracking purposes.
- Trash removal and recycling will be the responsibility of County staff.



- All HP servers are purchased with 3-year Hardware and Software Support agreements from the date of purchase (unless noted otherwise). Once these support agreements have expired, the County will be responsible for funding any hardware refreshes or hardware support renewals via the execution of a separate County Purchase.
- All Cisco hardware is purchased with 3-year Hardware Support agreements from the date of purchase (unless noted otherwise). Once these support agreements have expired, the County will be responsible for funding any hardware refreshes or hardware support renewals via the execution of a separate County Purchase.
- All APC UPS units are purchased with 2-year manufacturer’s warranties from the date of purchase (unless noted otherwise). Once the warranties have expired, the County will be responsible for funding any hardware refreshes via the execution of a separate County Purchase.
- The County must approve this County Purchase and provide the corresponding approved Advance Planning Document (“APD”) by January 1, 2018, otherwise the estimates provided in this County Purchase will not be valid and a new County Purchase will be required.

**II. Schedule:**

The costs associated with this County Purchase will be incurred during State Fiscal Years (“SFYs”) 2017/18 through 2019/20.

**III. Total Cost:**

Total County Purchase Charges	SFY 2017/18	SFY 2018/19	SFY 2019/20 (6/2019 - 10/2019)	Total Cost
<b>Administrative Charges</b>	\$5,056	\$0	\$0	\$5,056
<b>Hardware and Software Charges</b>	\$46,117	\$0	\$0	\$46,117
Hardware Charges	\$35,573	\$0	\$0	\$35,573
Hardware Maintenance and Support Charges	\$6,146	\$0	\$0	\$6,146
Software Charges	\$2,806	\$0	\$0	\$2,806
Software Maintenance and Support Charges	\$1,592	\$0	\$0	\$1,592
<b>Production Operations Charges</b>	\$24,398	\$43,848	\$18,400	\$86,646
One Time Charges	\$2,627	\$0	\$0	\$2,627
Recurring Charges	\$21,771	\$43,848	\$18,400	\$84,019
<b>Total Charges</b>	<b>\$75,571</b>	<b>\$43,848</b>	<b>\$18,400</b>	<b>\$137,819</b>

**IV. References:**

This purchase is tracked in the Procurement Database via CA ServiceDesk Change Order CO5826-2017.



COUNTY PURCHASE APPROVAL

**Subject:** County Purchase - SB-14-2017

The subject document is accepted as allowing Accenture LLP to proceed with the subject County Purchase.

**San Bernardino County - IT**

By: [Signature]  
Printed Name: DARBY TILLMAN  
Title: DISA  
Date: 12/19/17

**San Bernardino County - Budget Authority**

By: [Signature]  
Printed Name: Roy Bean  
Title: Admin Serv II  
Date: 12/18/17

**San Bernardino County - Purchasing**

By: [Signature]  
Printed Name: Leo Gomez, Supervising Buyer  
Title: \_\_\_\_\_  
Date: 12/19/17

Notice Address:  
834 Hardt Street  
San Bernardino, CA 92415

**SAWS CONSORTIUM-IV JOINT POWERS AUTHORITY**

By: [Signature]  
Printed Name: THOMAS J. HARTMAN  
Title: PROJECT DIRECTOR  
Date: 1/2/18

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