



1                   **2.2 Extensions.** This Agreement is extended beyond the Initial Term for one three-year  
2 period, which extension period shall commence on August 1, 2010 and expire on July 31, 2013  
3 and be referred to in Exhibit L-II as “Extension Term”.”

4                   2.       All references to “Exhibit G” or “Exhibit G-I” in the existing INFORMATION  
5 TECHNOLOGY Agreement No. 0530-95 as modified by Amendment I are hereby changed to read  
6 “Exhibit G-II,” as appropriate.

7                   3.       All references to “Exhibit L” or “Exhibit L-I” in the existing INFORMATION  
8 TECHNOLOGY Agreement No. 0530-95 as modified by Amendment I are hereby changed to read  
9 “Exhibit L-II,” as appropriate.

10                  4.       Exhibit G-II and Exhibit L-II are attached hereto and hereby incorporated by reference  
11 into and made a part of the existing INFORMATION TECHNOLOGY Agreement No. 0530-95, as  
12 amended.

13                  5.       The parties agree that separate copies of this Amendment II to the existing  
14 INFORMATION TECHNOLOGY Agreement No. 0530-95 may be signed by each of the parties and  
15 this Agreement will have the same force and effect as if the original had been signed by all the parties.

16                  6.       Except as otherwise provided in this Amendment II, all other provisions of  
17 INFORMATION TECHNOLOGY Agreement No. 0530-95 as amended by Amendment I remain  
18 unchanged and in full force and effect. This Amendment II shall become effective upon execution.  
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1 IN WITNESS WHEREOF, the parties hereto have executed this Amendment II to the Agreement as of  
2 the day and year first hereinabove written.

3 Electronic Data Systems, LLC  
4 (formerly Electronic Data Systems Corporation)

5  
6 Dated: \_\_\_\_\_

By: \_\_\_\_\_

7 Title: \_\_\_\_\_

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9  
10 ATTEST:

COUNTY OF SANTA CLARA

11 \_\_\_\_\_

By: \_\_\_\_\_

Chairperson, Board of Supervisors

12  
13 Dated: \_\_\_\_\_

\_\_\_\_\_

14  
15 ATTEST:

COUNTY OF SAN MATEO

16 \_\_\_\_\_

By: \_\_\_\_\_

Chairperson, Board of Supervisors

17  
18 Dated: \_\_\_\_\_

\_\_\_\_\_

19  
20 ATTEST:

COUNTY OF SAN MATEO

21 \_\_\_\_\_

By: \_\_\_\_\_

Chairperson, Board of Supervisors

22  
23 Dated: \_\_\_\_\_

\_\_\_\_\_

24  
25 ATTEST:

COUNTY OF SAN DIEGO

26 \_\_\_\_\_

By: \_\_\_\_\_

Chairperson, Board of Supervisors

27  
28 Dated: \_\_\_\_\_

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ATTEST:

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Dated: \_\_\_\_\_

COUNTY OF SONOMA

By: \_\_\_\_\_  
Chair, Board of Supervisors

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ATTEST:

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Dated: \_\_\_\_\_

COUNTY OF TULARE

By: \_\_\_\_\_  
Chairperson, Board of Supervisors

\_\_\_\_\_

ATTEST:

\_\_\_\_\_

Dated: \_\_\_\_\_

COUNTY OF SANTA CRUZ

By: \_\_\_\_\_  
Administrator  
Human Resources Agency

APPROVED AS TO FORM:

\_\_\_\_\_  
County Counsel

ATTEST:

\_\_\_\_\_

Dated: \_\_\_\_\_

COUNTY OF FRESNO

By: \_\_\_\_\_  
Chairperson, Board of Supervisors

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ATTEST:

\_\_\_\_\_

Dated: \_\_\_\_\_

COUNTY OF SOLANO

By: \_\_\_\_\_  
Chairperson, Board of Supervisors

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ATTEST:

CITY AND COUNTY OF SAN FRANCISCO

\_\_\_\_\_

By: \_\_\_\_\_  
President, Social Services Commission

Dated: \_\_\_\_\_

\_\_\_\_\_

ATTEST:

COUNTY OF SAN LUIS OBISPO

\_\_\_\_\_

By: \_\_\_\_\_  
Chairperson, Board of Supervisors

Dated: \_\_\_\_\_

By: \_\_\_\_\_  
Deputy County Counsel

ATTEST:

COUNTY OF CONTRA COSTA

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By: \_\_\_\_\_  
Chairperson, Board of Supervisors

Dated: \_\_\_\_\_

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ATTEST:

COUNTY OF PLACER

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By: \_\_\_\_\_  
Chairperson, Board of Supervisors

Dated: \_\_\_\_\_

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ATTEST:

COUNTY OF ALAMEDA

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By: \_\_\_\_\_  
Chairperson, Board of Supervisors

Dated: \_\_\_\_\_

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ATTEST:

COUNTY OF YOLO

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By: \_\_\_\_\_  
Chairperson, Board of Supervisors

Dated: \_\_\_\_\_

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ATTEST:

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Dated: \_\_\_\_\_

COUNTY OF ORANGE

By: \_\_\_\_\_  
Chairperson, Board of Supervisors

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ATTEST:

\_\_\_\_\_

Dated: \_\_\_\_\_

COUNTY OF SANTA BARBARA

By: \_\_\_\_\_  
Chairperson, Board of Supervisors

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ATTEST:

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Dated: \_\_\_\_\_

COUNTY OF SACRAMENTO

By: \_\_\_\_\_  
Chairperson, Board of Supervisors

\_\_\_\_\_

ATTEST:

\_\_\_\_\_

Dated: \_\_\_\_\_

COUNTY OF VENTURA

By: \_\_\_\_\_  
Chairperson, Board of Supervisors

\_\_\_\_\_

**EXHIBIT L-II**

**CHARGES AND LIQUIDATED DAMAGES**

**I. CHARGES.**

**A. Total Maximum Contract Sum.** The Total Maximum Contract Sum during the Initial Term shall be determined by aggregating the Maximum Contract Sums specified in Exhibit L-II and shall not exceed \$540,044,415. The Total Maximum Contract Sum during the Extension Term shall not exceed \$142,117,625.

**B. Maximum Contract Sums.**

**1. CalWIN Deliverables.** The Maximum Contract Sum for Deliverables required hereunder for CalWIN, including without limitation the products of Development Services, Design, User Acceptance Test, Pilot Test, Training, Conversion, and Consortium-wide Implementation, e.g., all Deliverables to be provided under Tasks 1 through 9 in Section A4.0 (CalWIN Tasks and Deliverables) of Exhibit A for this Agreement during the Initial Term shall not exceed \$132,174,545.

**2. Determination of Fixed Rate Costs and Maximum Contract Sums for VENDOR-provided Local Office Hardware and any associated Third Party Software, Operations and Telecommunications, and CalWIN Application Software Modifications.** The parties acknowledge and agree that the Fixed Rate Prices for VENDOR-provided Local Office Hardware and any associated Third Party Software shall be based on COUNTIES' estimates of the number and location of CalWIN Workstations, for Operations and Telecommunications shall be based on the projected caseload volumes, and for CalWIN Application Software Modifications shall be based on a COUNTY's fixed number of hours, invoicing and payment for these goods and Services. The parties further agree, however, that the actual Fixed Rate Price therefor shall utilize the Fixed Rates, but shall apply the Fixed Rates to actual quantities of goods and Services provided by VENDOR. Therefore, the procedures described below shall apply in establishing Maximum Contract Sums for the following goods and Services.

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**3. VENDOR-provided Local Office Hardware and any associated Third Party Software.**

A. The Maximum Contract Sum for all VENDOR-provided Local Office Hardware and any associated Third Party Software during the Initial Term shall not exceed \$12,701,850.

B. COUNTIES will approve or disapprove payments based upon the number of individual VENDOR-provided Local Office Hardware and any associated Third Party Software items Approved prior to each invoicing period.

C. At the completion of Pilot Office installation and Approval and for each invoicing period thereafter throughout the Operational Period, VENDOR shall submit, as a part of its invoice, an accounting of the number of each type of VENDOR-provided Local Office Hardware and any associated Third Party Software items Approved during the invoicing period.

D. The amount of the payment per Device shall be the Fixed Rate for the category of VENDOR-provided Local Office Hardware and any associated Third Party Software in accordance with Schedule C, multiplied by the approved number of items in the category.

**4. Operations and Telecommunications.**

A. The Maximum Contract Sum for Operations and Telecommunications goods and Services for this Agreement during the Agreement's Initial Term shall not exceed \$144,399,291.

B. The Maximum Contract Sum for Operations and Telecommunications goods and Services for this Agreement during the Extension Term shall not exceed \$93,990,089.

C. VENDOR shall provide, as part of each invoice for Facilities Management/Operations and Telecommunications, an accounting of the usage of Facilities Management/Operations and Telecommunications as categorized in Exhibit G-II.

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**5. Existing System Application Software Maintenance and Modification.** Deleted by agreement of the parties

**6. CalWIN Application Software Modifications.**

A. The Maximum Contract Sum for CalWIN Application Software Modifications during the Initial Term shall not exceed \$202,637,261. Once the Maximum Contract Sum for CalWIN Application Software Modifications has been expended, VENDOR shall have no obligation to perform any further CalWIN Application Software Modifications unless additional funds for such work have been authorized by COUNTIES.

B. The Maximum Contract Sum for CalWIN Application Software Modifications (as defined in Section 9.3) during the Extension Term shall not exceed \$48,127,537.

C. VENDOR shall determine the total monthly cost for CalWIN Application Software Modifications by adding together the costs for the following Services:

(1) Joint Services: The total monthly Joint Services charge shall be determined by using the following formula:

J = A x B where:

J = the total Joint Services charge

A = the total number of person-hours actually worked and billed for each staff category

B = the existing Services Billing Rate for each staff category

(2) Support Services: The total monthly change for agreed upon expenses including travel.

(3) VENDOR shall determine each COUNTY's share of these total Monthly Joint Services costs according to the following procedure:

(A) A base COUNTY share shall be established by using the following formula:

B =  $\frac{J + S}{N}$  where:

B = the base COUNTY share

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J = the total monthly Joint Services charge  
S = the total monthly Support Services charge  
N = the number of participating Counties

(B) The base COUNTY share shall then be modified for each participating COUNTY according to the following guidelines:

(i) For the small Counties (as defined by the WCDS Joint Committee and which currently consist of Placer, San Luis Obispo, Santa Cruz and Yolo), the actual COUNTY rate shall be computed using the following formula:

R(s) =  $B / 2$  where:  
R(s) = the small COUNTY share  
B = the base COUNTY share

(ii) For the medium-sized Counties (as defined by the WCDS Joint Committee and which currently consist of San Mateo, Santa Barbara, Solano, Sonoma and Ventura), the actual COUNTY share shall be the same as the base COUNTY share.

(iii) For the large Counties (as defined by the WCDS Joint Committee and which currently consist of Alameda, Contra Costa, Fresno, Orange, San Diego, San Francisco, Santa Clara, Tulare and Sacramento), the actual COUNTY rate shall be computed using the following formula:

R(l) =  $B + ((\#S \times B) / 2) / \#L$  where:  
R(l) = the large COUNTY share  
B = the base COUNTY share  
#S = the number of small participant Counties  
#L = the number of large participant Counties

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**9. Separate Services.** VENDOR shall determine each COUNTY's Charges for Separate Services performed pursuant to Section 12. Such Charges shall be itemized as to actual expenditures and will be based on person-hours at the Separate Services rate, Travel Expenses, and clerical Services required in performance of the requested Service. When more than one COUNTY participates in the same request for Separate Services, each COUNTY so participating shall be billed for its equal share of the cost for such Services or as COUNTIES agree. Travel Expenses shall be billed to the requesting COUNTY at cost.

**C. Project Facility-Related Costs.** The Maximum Contract Sum for Project facility-related costs during the CalWIN Development/Implementation Period shall not exceed \$48,131,468. This Maximum Contract Sum including all of VENDOR's costs for furnishing and operating an office to house COUNTIES' Project staff, including but not limited to lease or rental, furniture and fixtures, utilities, telephone, office equipment, security, janitorial services, and the like and will be provided pursuant to Section 4.2.6 (Project Site) of this Agreement and Schedule F of Exhibit G-II.

**D. Applicable Taxes.** The Maximum Contract Sums set forth above of this section include all applicable taxes, including but not limited to sales, use, property and excise taxes. VENDOR shall be solely responsible for and shall pay all such taxes when due.

**E. Utilization Fixed Rate Adjustments**

**1.** WCDS Consortium and VENDOR reserve the right to renegotiate the Utilization Fixed Rates for VENDOR-provided Local Office Hardware, any associated Third Party Software or Operations and Telecommunications under either of the following conditions:

- Infrastructure needs exceed those established as defined in CR 4936
- The Sum of the Final Monthly Invoice Case Counts for all Counties falls below 2,059,100 for any month after May 2007

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**2. Changes Prior to Approval of Detailed Systems Design Document.**

A. During the period from the Commencement Date to 30 Days prior to the delivery of the Detailed System Design Deliverables, VENDOR will provide, within the Charges for System Development shown on Schedule A of Exhibit G-II and/or as additional Charges, reasonable modifications to CalWIN that may be required by COUNTIES. Such modifications will only include minor changes required by:

- (1) COUNTIES' implementation of changes mandated by Federal, State or COUNTIES' statutes, rules, regulations or court decisions;
- (2) modifications to COUNTIES' procedures and policies; or
- (3) changes which may be required for the operation of the CalWIN.

B. Following is an example of a minor change to be made under the previous section: A recent California court decision made the following ruling that would require a change in the General System Design Deliverable. An unrelated child in a household was considered a separate budget unit, resulting in a grant of about \$300.00 per month. The court decision upheld a California policy that such children be considered as being within the existing household budget unit, thereby reducing the grant for that child to about \$100.00 per month.

C. The parties will make good faith efforts to reduce the impact of such changes on the CalWIN and CalWIN Project. The parties recognize that such changes may have a cumulative adverse impact on the schedule set forth in the PCD, the CalWIN, CalWIN Project resources and other performance requirements of the CalWIN. Therefore the parties will periodically review the cumulative impact of such changes to determine whether the schedule set forth in the PCD, the CalWIN, CalWIN Project resources, other performance requirements of the CalWIN, and/or other functional or technical requirements of the CalWIN need to be modified, and any such modification shall be made using the modification control procedures set forth in Section 6.9.

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**II. LIQUIDATED DAMAGES.**

**A. Failure to Meet CalWIN Performance Standards.**

1. The parties agree that it would be impracticable and infeasible to fix the actual damages which would result to COUNTIES in the event VENDOR fails to perform in accordance with the Performance Standards established in this Agreement. The parties therefore agree that, in accordance with California Government Code Section 53069.85 and the provisions of this Exhibit L-II, if VENDOR fails to maintain such Performance Standards, COUNTIES may impose as fixed and liquidated damages amounts not to exceed the amounts set forth in this Exhibit L-II.

2. Deleted by agreement of the parties.

3. Any liquidated damages assessed pursuant to - Section 21 of the Agreement may be credited by COUNTIES against VENDOR's next invoice.

4. Deleted by agreement of the parties.

5. Administration of liquidated damages will be accomplished through the parties jointly developed WCDS Liquidated Damages Internal Resolution Process.

**B. Key Personnel.** Subject to the exceptions specified in Section 6.7 of this Agreement, in the event that VENDOR fails to provide all of the Key Personnel set forth in Section 6.7 of this Agreement, COUNTIES may, in addition to other remedies available in law, at equity or specified elsewhere in this Agreement, reduce VENDOR's monthly applicable Charges, \$500 for each workday and for each such Key Personnel member(s) not working under this Agreement until the earliest of (i) the return of such Key Personnel member(s) to the CalWIN Project, (ii) the COUNTIES' Project Manager's written Approval of a replacement for or the diversion of such Key Personnel member(s), or (iii) the return of such Key Personnel member(s) is prevented or excused by one or more of the reasons stated in Section 6.7 of this Agreement.

**WELFARE CLIENT DATA SYSTEM CONSORTIUM****CALWIN - DEVELOPMENT, IMPLEMENTATION, MAINTENANCE, AND OPERATION****C. Failure to Meet CalWIN Due Dates.**

1. VENDOR shall pay liquidated damages as noted in the following chart for its failure to receive Approval for the noted Deliverables or Tasks by the dates mutually agreed to in the PCD:

<b>Name of Deliverable or Task</b>	<b>Amount of Liquidated Damages Per Day</b>
Initial Project Control Document	\$500.00
Systems Development -Validation of CalWIN Functional and Technical Requirements Deliverables -General System Design -Detailed System Design -Code and Unit Test -System Test	\$1,000.00 1,000.00 1,000.00 1,000.00 \$5,000.00
Approval of User Acceptance Test	\$5,000.00
Pilot Test Completed	\$500.00
Consortium-wide Implementation Completed	\$5,000.00
CalWIN Telecommunications Design Deliverable	\$5,000.00
Consortium-wide Implementation Plan - Final Deliverable	\$500.00
Turnover/Transition Plan Deliverable	\$500.00
CalWIN Operations and Maintenance Plan Deliverable	\$500.00
CalWIN Training Plan Deliverable	\$5,000.00
Conversion Plan Deliverable	\$5,000.00
Conversion System Test Report Deliverable	\$500.00

## **WELFARE CLIENT DATA SYSTEM CONSORTIUM**

### **CALWIN - DEVELOPMENT, IMPLEMENTATION, MAINTENANCE, AND OPERATION**

#### **D. Failure to Meet CalWIN System Performance Requirements.**

**1. Performance Standard.** VENDOR shall pay the liquidated damages described below due to failure by VENDOR to meet the System Performance Standard provided in Exhibit C, Section 3.0 (System Performance), *i.e.*, that the CalWIN shall be available in accordance with its Specifications for on-line functions for the Tier 1 and Tier 2 on-line availability hours during each month.

#### **2. Damages.**

A. Liquidated damages shall be assessed by each COUNTY for each month in which the on-line CalWIN Application Software failed to meet the Tier 1 Availability Standard (AS) and the Tier 2 Availability Standard (AS), provided in Exhibit C, Section 3.4 (System Availability). The Tier 1 measurement period shall be the period of on-line CalWIN availability each day between 7:00 AM and 6:00 PM, Pacific Time, Monday through Friday per week for each month other than County holidays. The Tier 2 measurement period shall be the period of on-line CalWIN availability each day between 6:00 AM and 7:00 AM, and 6:00 PM and 8:00 PM, Pacific Time, Monday through Friday and between 6:00 AM and 8:00 PM, Pacific Time, Saturday and Sunday per week for each month. The hours between 6:00 AM and 8:00 PM on each County Holiday shall be considered as part of the Tier 2 hours measurement period each month. The percentage of availability shall be determined in accordance with the following formula:

$$\text{Tier 1 COUNTY Availability (CA}_1\text{) \%} = (B_1 - UA_1) / B_1$$

$$\text{Tier 2 COUNTY Availability (CA}_2\text{) \%} = (B_2 - UA_2) / B_2$$

$UA_1$  = The sum of the monthly minutes for all incidents in the Tier 1 measurement period for a given COUNTY, that the on-line CalWIN Application Software was not available due to an unplanned outage. The minutes for each site incident will be multiplied by the number of impacted Full-time CalWIN users in sites with greater than 5 users, divided by the total number of Full-time CalWIN users for the COUNTY excluding users in sites with less than 5 users;

## WELFARE CLIENT DATA SYSTEM CONSORTIUM

### CALWIN - DEVELOPMENT, IMPLEMENTATION, MAINTENANCE, AND OPERATION

$UA_2$  = The sum of the monthly minutes for all incidents in the Tier 2 measurement period for a given COUNTY, that the on-line CalWIN Application Software was not available due to an unplanned outage. The minutes for each site incident will be multiplied by the number of impacted Full-time CalWIN users in sites with greater than 5 users, divided by the total number of Full-time CalWIN users for the COUNTY excluding users in sites with less than 5 users;

$B_1$  = The maximum number of monthly minutes in the Tier 1 measurement period for the COUNTY, that the on-line CalWIN Application Software could be available (for example in the month of October, 2003, the value would be  $660 \times 22$  or 14,520 minutes);

$B_2$  = The maximum number of monthly minutes in the Tier 2 measurement period for the COUNTY that the on-line CalWIN Application Software could be available (for example in the month of October, 2003, the value would be  $(180 \times 22) + (840 \times 9)$  or 11,520 minutes);

$T_1$  = 99.5% is the Tier 1 Availability Standard (AS)

$T_2$  = 95.0% is the Tier 2 Availability Standard (AS)

Liquidated Damages for the COUNTY for the month would be:

If Tier 1 availability  $CA_1$  falls below  $T_1$  then Tier 1 liquidated damages are

$$LD_1 = (T_1 - CA_1) \times \$10,000$$

If Tier 2 availability  $CA_2$  falls below  $T_2$  then Tier 2 liquidated damages are:

$$LD_2 = (T_2 - CA_2) \times \$10,000$$

The following definitions apply to the examples given below.

Unplanned Outage: An unplanned outage is an event that affects all or a group of CalWIN users, such as a router, hub, switch, server, database becoming unavailable, or batch program processing, causing the CalWIN application to become unavailable for a group of users. For Vendor provided Local Office Hardware that the Vendor maintains, time measurements for outages, will be the amount of time beyond the agreed on service time provided in Exhibit C, Section 6.0 (Service Requirements), that the Vendor has to repair or replace the CalWIN Device. For devices or programs at the Vendor data

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### **CALWIN - DEVELOPMENT, IMPLEMENTATION, MAINTENANCE, AND OPERATION**

center operations and/or development sites, such as a router, hub, switch, server, database or batch programming causing the CalWIN application becoming unavailable, the time measurement for the outage will commence from the time of the outage report until its repair. For example, at a local County office, a router that is the Vendor's responsibility is inoperable, and the Vendor has it back in operation 45 minutes under the agreed service time, then no outage would have occurred. However, if a router that is the Vendor's responsibility is inoperable, and it takes 32 minutes longer than the allotted service repair time to restore it to operation, then a 32 minute outage would have occurred. Vendor data center and/or development site examples would be, a County database being unavailable for 24 minutes, then a 24 minute outage has occurred, or the Vendor supplied communications line, or router, is inoperable for 45 minutes, then a 45 minute unplanned outage has occurred.

**Planned Outage:** A planned outage is a period of unavailability affecting all or a group of CalWIN users that has been planned 24 hours in advance of the event. The COUNTIES or the affected individual COUNTY and the VENDOR will negotiate in good faith the length of planned outages 24 hours in advance of the event.

**Full-time CalWIN Users:** A Full-time CalWIN user is defined in Attachment 3.2 as a user in categories: Mgt., Fiscal, Fair Hearing, Quality Control, IEVS, Fraud, Elig. Supvr., Elig. Worker, Elig. Clerk, GA/GR Supvr, GA/GR Worker, GA/GR Clerk, and Other-funded Worker.

For the following example, when using "inoperable" for Vendor supplied devices, it refers to the amount of time in excess of the allotted service repair/replace times allowed.

**Example:**

The following outage reports were received for  
October  
2003:

**Alameda County:**

Database unavailable for 160 minutes  
during Tier 1 period  
Vendor supplied router inoperable at  
site 401 Broadway for 38 minutes  
during Tier 1 period  
401 Broadway has 19.5% of Alameda  
Full-time CalWIN users

Therefore:

$$\begin{aligned} CA_1 &= [(660 \times 22) - ((160 \times 100\%) + (38 \times \\ & 19.5\%))] / [(660 \times 22)] = 14,353 / 14,520 \\ &= 98.8\% \end{aligned}$$

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$$\begin{aligned} CA_2 &= [((180 \times 22) + (840 \times 9)) - 0] / \\ &[(180 \times 22) + (840 \times 9)] = 11,520 / 11,520 \\ &= 100\% \end{aligned}$$

Since the Tier 1 availability  $CA_1$  is less than the Tier 1 Availability Standard of 99.5%, the Tier 1 liquidated damages for CalWIN availability are:

$$LD_1 = [(99.5 - 98.8) \times \$10,000] = \$7,000$$

Since the Tier 2 availability  $CA_2$  is greater than or equal to the Tier 2 Availability Standard of 95.0%, there would be no liquidated damages for October 2003, as far as Tier 2 CalWIN availability goes for Alameda County.

B. The total amount of liquidated damages for a COUNTY for a month shall be deducted from the total COUNTY invoice amount for Facilities Management Operations and Telecommunications for the following month. The amount of the monthly liquidated damages for an individual COUNTY shall not exceed the total COUNTY invoice amount for Facilities Management Operations and Telecommunications for the following month. In the event that COUNTIES notify VENDOR that COUNTIES are terminating the Agreement due to VENDOR's default, COUNTIES would be entitled to the liquidated damages in excess of such monthly invoice amounts, beginning on receipt by VENDOR of the notice of termination. After such termination is effective COUNTIES shall be entitled to pursue their actual damages.

C. Notwithstanding COUNTIES' right to assess liquidated damages, if, pursuant to Section 21, COUNTIES determine that the failure to meet the availability requirement constitutes a breach of this Agreement, COUNTIES may elect to terminate this Agreement pursuant to Section 24.

**E. Failure to Meet CalWIN Application Performance Requirements.**

**All Performance Standards in Section E become effective with the first Major Release in the planning stage at the time of signature of this amendment.**

**1. Definitions.** For purposes of this Section II, E, the following definitions shall apply:

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- o Defect is a subset of "Error" as defined in Section 1.35 of the agreement and is defined as a failure of the CalWIN application to perform according to the approved specifications.
- o Joint WCDS and VENDOR testing is defined as testing in which system test and UAT are performed simultaneously utilizing the same test environment.
- o KLOC is defined as the industry standard reference of one thousand lines of code
- o Major Release is defined as a culmination of one or more work packages combined in a release of over 5,000 hours of modifications and enhancements resulting in an increment of the Major Release version number.
- o Priority 0, 1, 2, 3, and 4 defects are defined as set forth in the Central Help Desk Procedures.

**2. Release Quality.** Release Quality, calculated by the density of Unique Defects introduced in application modifications and enhancements in a Major Release or through a Major Release, shall be a performance measurement during only the UAT phase of each Major Release. A Unique Defect is defined as the first ticket entered for a specific defect. Subsequent tickets entered for defect(s) to the same specification shall not be considered Unique Defects, and shall be excluded from the Release Quality calculation. If subsequent tickets are entered for the same specification, then they shall be labeled as child tickets and the first ticket entered for the defect shall be labeled as the parent ticket. In addition, the following shall not be considered Unique Defects, and shall be excluded from the Release Quality calculation:

- o Priority 3 and 4 defects;
- o Child tickets;
- o Tickets entered for defects that existed prior to the applicable Major Release;
- o Functions as Designed Defects -Tickets entered for defects where the coding has been completed according to approved specifications in the requirements and the detailed design documents; and
- o Tickets entered for defects related to changes (a) added to a release 14 days after the planning phase as defined in the Release Project Schedule or (b) due to requirement changes that occur after completion of the Detail Design Phase.

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- o Any Defects associated with an application modification or enhancement in which WCDS Consortium has agreed to exclude from this calculation.

The duration of the UAT phase of each Major Release shall be specified in the Release Project Schedule approved by WCDS during the Release Planning Process. The Release Quality shall be measured as a ratio of the total number of Unique Defects introduced in a Major Release divided by KLOC modified or added in the Major Release.

#### Legend

- V = Quantity of defects above or below the performance standard
- W = Maximum allowable defects to remain within the performance standard
- X(1) = Performance Standard for Defect Density
- X(2) = Actual Defect Density
- Y = Total number of unique defects introduced in the Major Release (after subtracting all tickets/defects that are not unique or are to be excluded from the unique defect density calculation)
- Z = Total Function Points or lines of code in the Major Release

#### Formula

Defect Density

$$X(2) = Y/Z$$

Maximum allowable defects to remain within the performance standard

$$W = X(1) * Z$$

Quantity of defects above or below the performance standard

$$V = Y - W$$

a. Performance standard - The Release Quality performance standard is established based on the IEEE industry standard of no more than 2 Unique Defects per KLOC introduced by the Vendor in a Major Release in UAT.

b. Reporting - Within 15 calendar days of the completion of the UAT phase of each Major Release, Vendor shall produce a Release Quality Report.

Example 1 of a Major Release Quality Report:

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Release 22 Defect Density Report	
Defect Density Performance Standard	07
Actual Defect Density	06
Maximum Allowable Quantity of Defects	15
Actual Quantity of Defects	14
Quantity of Defects Above or (Below) Performance Standard	(1)
Total Liquidated Damages Eligible for Assessment	\$0

Example 2 of a Major Release Quality Report:

Release 23 Defect Density Report	
Defect Density Performance Standard	07
Actual Defect Density	08
Maximum Allowable Quantity of Defects	15
Actual Quantity of Defects	18
Quantity of Defects Above or (Below) Performance Standard	3
Total Liquidated Damages Eligible for Assessment	\$15,000

c. Damages - The COUNTIES may assess liquidated damages for each Major Release in which actual Release Quality has exceeded the Release Quality performance standard. Damages may be assessed up to \$5,000 per Unique Defect in excess of the Maximum allowable defects to remain within the performance standard with a maximum, not to exceed penalty of \$50,000 per Major Release and \$150,000 per calendar year.

**3. Defect Resolution Timeliness.** The timeframe for the resolution of priority 0, 1, and 2 defects introduced into production in a Major Release and found in the first 90 calendar days after implementation into Production shall be measured as a CalWIN performance standard. The resolution of a defect is defined as a Service Request ticket, in which the coding, unit test, and system test for the defect has been successfully completed and the ticket has been assigned to an upcoming work package with the ticket in at least the "Resolved Pending Software Release" state of the Service Request Lifecycle. Tickets shall be resolved based upon the problem as reported at the time of its original submission by the County. Additional issues not reported in the original ticket shall require the entry of a new ticket with the resolution timeframe measured independently of the original ticket. Tickets entered for defects that existed prior to the applicable Major Release shall be excluded from the defect resolution timeliness standard. Time, measured in calendar days, in which a ticket or a defect introduced into production in a Major Release, assigned to County or WCDS during the ticket resolution cycle shall not be counted against the acceptable service level performance standard.

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a. Performance Standard - All priority 0, 1 and 2 defects specifically introduced into the Production environment in a Major Release and found in the first 90 calendar days after implementation into Production shall be resolved prior to the Production go-live of the next Major Release or within 60 days after entry into the SR database, whichever is greater.

b. Performance Standard - All priority 3 and 4 defects specifically introduced into the Production environment in a Major Release and found in the first 90 calendar days after implementation into Production shall be resolved within 150 days after entry into the SR database.

b. Reporting - Vendor shall produce a report of the defect resolution timeliness for each Major Release within 175 calendar days after the implementation into Production.

Example:

Release 22 - Defect Resolution Timeliness Report		
Service Request #	Resolved Within Performance Standard Timeframe	Not Resolved Within Performance Standard Timeframe
34567	X	
45678	X	
56789		X
67890	X	
Total	3	1
Total Liquidated Damages Eligible For Assessment		\$1,000

c. Damages - The COUNTIES assess liquidated damages charges for each Major Release in which resolution of all priority 0, 1 2, 3 and 4 defects specifically introduced into the Production environment in a Major Release and found in the first 90 calendar days after implementation into Production are not resolved within the time frame set forth in the applicable performance standard. Damages may be assessed in the amount of \$1,000 per applicable defect exceeding the resolution performance standard with a maximum penalty of \$35,000 per Major Release and \$105,000 per calendar year.

**4. Release to UAT on Schedule.** Achievement of the scheduled delivery date to UAT for Change Requests included in a Major Release other than such Change Requests planned for joint WCDS and VENDOR testing shall be

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measured as a CalWIN performance standard. The UAT release schedule for each Change Request is recorded in the Release Project Schedule. A Change Request is considered delivered to UAT when all approved system test scripts have been passed, all priority 0, 1 and 2 defects have been resolved and the code has been deployed to the UAT environment. Notwithstanding the aforementioned, script failures due to the following shall be excluded from the release timeliness measurement:

- o Defects that existed prior to the applicable Major Release;
- o Functions as Designed Defects -Tickets entered for defects where the coding has been completed according to approved specifications in the requirements and the detailed design documents and
- o Any Defects associated with an application modification or enhancement in which WCDS Consortium has agreed to exclude from this calculation.

The scheduled delivery date to UAT for Change Requests included in a major Release shall be modified if any of the following occurs:

- o WCDS or the CalWin Counties cause delays; or
- o After the approval of the functional business requirements there are changes to the scope of the Change Request.

a) Performance Standard - Change Requests included in a Major Release other than Change Requests planned for joint WCDS and VENDOR testing shall be delivered to UAT no later than the "baseline planned release to UAT date" set forth in the Release Project Schedule.

b) Reporting - The Vendor shall produce a report within 15 calendar days of the conclusion of the UAT phase of each Major Release, as defined in the Release Project Schedule.

Example:

Major Release 22 - Release to UAT Delivery Report			
Change Request #		Delivered as Scheduled	Delivered Late
5678		Yes	No
6789		Yes	No
7890		No	Yes
Total Number of Change Requests		2	1
Total Liquidated Damages Available for Assessment			\$5,000

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c) Damages - The COUNTIES may assess liquidated damages for each Change Request included in a Major Release, other than Change Requests planned for joint WCDS and VENDOR testing, that does not meet the performance standard set forth in Section II,E,4,a) above. Damages may be assessed in the amount of \$5,000 per Change Request not meeting the Release to UAT Schedule performance standard with a maximum penalty of \$15,000 per Major Release and \$45,000 per calendar year.

**5. Performance Credit.** Vendor may earn performance credits based on each Major Release where no penalty is assessed for a given performance standard. The performance credit is 25% of the maximum penalty amount associated with the performance standard set forth in Section II,E of this Exhibit L-II. The maximum credit amount that can be achieved based on performance credits accumulated over multiple Major Releases is 50% of a Major Release total penalty amount, or \$50,000. Credits earned would be applied to future penalties.

**6. Exclusive Remedy.** To the extent the COUNTIES assess any liquidated damages set forth in Section II,E of this Exhibit L-II, such assessment shall be the COUNTIES' sole and exclusive remedy.