

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

225



FROM: Community Health Agency/Department of Public Health

SUBMITTAL DATE:
August 16, 2010

SUBJECT: Ratify the Agreement #10-95393 between the California Department of Public Health and the Community Health Agency Department of Public Health for Immunization Program.

RECOMMENDED MOTION: That the Board of Supervisors:

- 1) Ratify the Agreement between the California Department of Public Health and the Community Health Agency Department of Public Health in the amount of \$546,022 for the period of July 1, 2010 through June 30, 2011;
- 2) Authorize the Chairman of the Board to sign seven (7) originals of Agreement #10-95393 on behalf of the County;
- 3) Authorize the Chairman of the Board to sign two (2) originals of the Contractor Certification Clauses (CCC);

RECOMMENDED MOTION: (continued on page 2)

BC:tg:td

Susan D. Harrington
Susan D Harrington, Director of Public Health

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 546,022	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ -0-	Budget Adjustment:	No
	Annual Net County Cost:	\$ -0-	For Fiscal Year:	FY 10/11

SOURCE OF FUNDS: 100% State Grant funded from the Department of Public Health	Positions To Be Deleted Per A-30	<input checked="" type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE
Debra Cournoyer
BY Debra Cournoyer

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Stone, seconded by Supervisor Buster and duly carried, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Buster, Stone, Benoit and Ashley
Nays: None
Absent: Tavaglione
Date: September 28, 2010
xc: CHA-Public Health, Purchasing

Kecia Harper-Ihem
Clerk of the Board
By: *Kecia Harper-Ihem*
Deputy

Prev. Agn. Ref.: 7/1/08 Item 3.18 | District: ALL | Agenda Number:

3.21

ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD

FORM APPROVED BY COUNTY COUNSEL
 DATE: 8/16/10
 BY: NEAL R. KIPNIS
 Departmental Concurrence
 Purchasing: Mark Seller, Assistant Director

Policy Policy
 Consent Consent
 Dep't Recomm.:
 Per Exec. Ofc.:

SUBJECT: Ratify the Agreement #10-95393 between the California Department of Public Health and the Community Health Agency Department of Public Health for Immunization program.

RECOMMENDED MOTION: (continued)

- 4) Authorize the Chairman of the Board to sign two (2) originals of the Darfur Contracting Act;
- 5) Pursuant to the applicable County Code 459.4, authorize the Purchasing Agent to ratify and sign renewal amendments with sub-contractors Riverside-San Bernardino County Indian Health, Inc. in the amount of \$22,000; Community Health Systems, Inc. in the amount of \$25,000; and Clinicas de Salud del Pueblo, Inc. in the amount of \$15,000, without securing competitive bids for a total of \$62,000 from July 1, 2010 through June 30, 2011;
- 6) Authorize the Purchasing Agent to sign subsequent amendments to the Agreement #10-95393 that do not change the substantive terms of the agreement of July 1, 2010 through June 30, 2011 nor exceed the Board approved amount of \$546,022; and
- 7) Authorize the Purchasing Agent to sign subsequent amendment to the sub-contractor's agreements with Riverside-San Bernardino County Indian Health, Inc., Community Health Systems, Inc., and Clinicas de Salud del Pueblo, Inc., not to exceed the total combined amount approved by the Board of Supervisors of \$62,000, nor extend the performance period of July 1, 2010 through June 30, 2011.

BACKGROUND:

The Riverside County Department of Public Health Immunization Program has been awarded funding in the amount of \$546,022 from the California Department of Public Health Immunization Branch to continue immunization services in targeted communities throughout Riverside County.

The Immunization Program ensures that children in Riverside County are protected against vaccine-preventable disease. The goal of this program is to raise and maintain immunization rates for children ages 0 to 18 years and to educate medical providers and parents on the importance of timely immunizations.

The California Department of Public Health has allocated funds to Riverside-San Bernardino County Indian Health, Inc. (\$22,000), Community Health Systems, Inc. (\$25,000), and Clinicas de Salud del Pueblo, Inc. (\$15,000) and requires Riverside County Department of Public Health to sub-contract with them. The amount of the subvention contract was determined by state based on the total amount of the Grant and Proposed Scope of Work.

Form 11
Community Health Agency
Page 3

SUBJECT: Ratify the Agreement #10-95393 between the California Department of Public Health and the Community Health Agency Department of Public Health for Immunization program.

BACKGROUND: (continued)

The Immunization Program is the liaison for the current subvention grant, as designated by the California Department of Public Health Immunization Branch and does not further obligate the County of Riverside to future similar contractual arrangements between subcontractors mentioned above.

Pursuant to Board Policy A-30, positions will be eliminated once funding is exhausted.

Date: 8/18/10

From: Susan Harrington, Director Department/Agency: CHA, Dept. of Public Health

To: Board of Supervisors

Via: Purchasing Agent

Subject: Sole Source Procurement; Request for: to enhance immunization services.

The below information is provided in support of my Department requesting approval for a sole source. Outside of a duly declared emergency, the time to develop a statement of work or specifications is not in itself justification for sole source.

Supply/Service being requested: Case Management to increase the number of children ages 0-18 years old getting immunized in targeted communities throughout Riverside County.

Suppliers being requested: Clinicas de Salud del Pueblo, Community Health Systems, Inc., and Riverside-San Bernardino Indian Health, Inc.

Alternative suppliers that can or might be able to provide supply/service: These providers were selected because they are located in a targeted area and are considered main source providers.

Extent of market search conducted: This project is funded by the State Grant #10-95393 which was attached to the Immunization Grant as a subvention contract.

Unique features of the supply/service being requested from this supplier, which no alternative supplier can provide: The California Department of Public Health Services awarded these funds to Clinicas de Salud del Pueblo, Community Health Systems, Inc., and to Riverside – San Bernardino Indian Health, Inc. and requires Riverside County Department of Public Health to subcontract with them.

Reasons why my department requires these unique features and what benefit will accrue to the county: The case managements are needed to increase the number of children getting immunized on time at the current clinic site.

Price Reasonableness: The amount of the subvention for the subcontracts was determined by the California State. It was based on the total amount of Grant and Proposed Scope of Work.

Period of Performance: July 1, 2010 through June 30, 2011

Not to exceed _ annually as follows: Clinicas de Salud del Pueblo: \$15,000, Community Health Systems, Inc. \$25,000, and Riverside-San Bernardino Indian Health, Inc. \$22,000

Does moving forward on this product or service further obligate the county to future similar contractual arrangements? No, the immunization Program is the liaison for the current subvention grant, as designated by the State Immunization Branch.

Susan D. Houghton
Department Head Signature

8/23/10
Date

Purchasing Department Comments:

Approve

Approve with Condition/s

Disapprove

Mark
Purchasing Agent

8-26-10
Date

CLERK'S COPY

to Riverside County Clerk of the Board, Stop 1010
 Post Office Box 1147, Riverside, Ca 92502-1147

REGISTRATION NUMBER

AGREEMENT NUMBER

10-95393

1. This Agreement is entered into between the State Agency and the Contractor named below:

STATE AGENCY'S NAME

(Also referred to as CDPH or the State)

California Department of Public Health

CONTRACTOR'S NAME

(Also referred to as Contractor)

County of Riverside

2. The term of this Agreement is: July 1, 2010 through June 30, 2011

3. The maximum amount of this Agreement is: \$ 546,022
 Five Hundred Forty-Six Thousand Twenty-Two Dollars

4. The parties agree to comply with the terms and conditions of the following exhibits, which are by this reference made a part of this Agreement.

Exhibit A – Scope of Work	ATTEST:	8 pages
Exhibit B – Budget Detail and Payment Provisions	KECIA HARPER-IHEM, Clerk	3 pages
Exhibit B, Attachment I – Budget	By <i>[Signature]</i>	1 page
Exhibit B, Attachment I, Schedule I – Subcontractor Budget	DEPUTY	1 page
Exhibit B, Attachment I, Schedule II – Subcontractor Budget		1 page
Exhibit B, Attachment I, Schedule III – Subcontractor Budget		1 page
Exhibit C * – General Terms and Conditions		GTC 307
Exhibit D (F) – Special Terms and Conditions (Attached hereto as part of this agreement)		25 pages

See Exhibit E, Provision 1 for additional incorporated exhibits.

Items shown above with an Asterisk (*), are hereby incorporated by reference and made part of this agreement as if attached hereto. These documents can be viewed at <http://www.ols.dgs.ca.gov/Standard+Language>

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto

CONTRACTOR

CONTRACTOR'S NAME (if other than an individual, state whether a corporation, partnership, etc.)

County of Riverside

BY (Authorized Signature)

DATE SIGNED (Do not type)

PRINTED NAME AND TITLE OF PERSON SIGNING

MARION ASHLEY

CHAIRMAN, BOARD OF SUPERVISORS

ADDRESS

4065 County Circle Drive, Riverside, CA 92503

STATE OF CALIFORNIA

AGENCY NAME

California Department of Public Health

BY (Authorized Signature)

DATE SIGNED (Do not type)

PRINTED NAME AND TITLE OF PERSON SIGNING

Sandra Winters, Chief, Contracts and Purchasing Services Section

ADDRESS

1501 Capitol Avenue, Suite 71.5178, MS 1802, PO Box 997377
 Sacramento, CA 95899-7377

California Department of
 General Services Use Only

Exempt per:

FORM APPROVED BY COUNSEL DATE
 BY: NAT R. KIPINS

EXHIBIT A
Scope of Work

1. Service Overview

Contractor agrees to provide to the California Department of Public Health (CDPH) the services described herein:

Sections 120325-120380 of the Health & Safety Code, Chapter 435, require immunizations against childhood diseases prior to school admittance. Health Officers are required to organize and maintain a program to make the required immunizations available. This contract assists the Contractor in defraying costs of the program which supports the State's objectives to control diseases that are preventable by vaccines. It is the California Department of Public Health's responsibility to provide this assistance to the local health jurisdictions. The Contractor is to conduct a general immunization program which provides all Advisory Committee on Immunization Practices (ACIP) recommended vaccines to the general public. In addition, the Contractor identifies target populations in need of immunizations and initiates corrective action to improve immunization levels.

2. Service Location

The services shall be performed at applicable facilities in the County of Riverside.

3. Service Hours

The services shall be provided during County working hours and days.

4. Project Representatives

A. The project representatives during the term of this agreement will be:

California Department of Public Health

John Hetsko
Telephone: (619) 692-8423
Fax: (619) 692-5534
Email: john.hetsko@sdcounty.ca.gov

County of Riverside

Barbara Cole, RN, PHN, MSN
Telephone: (951) 358-5107
Fax: (951) 358-5446
Email: bcole@co.riverside.ca.us

B. Direct all inquiries to:

California Department of Public Health

Immunization Branch
Attention: Robina Escalada
850 Marina Bay Pkwy., Bldg. P 2nd Floor
Richmond, CA 94804

Telephone: (510) 620-3729
Fax: (510) 620-3774
E-mail: robina.escalada@cdph.ca.gov

County of Riverside

County of Riverside
Attention: Barbara Cole, RN, PHN, MSN
4065 County Circle Drive
Riverside, CA 92503

Telephone: (951) 358-5107
Fax: (951) 358-5446
Email: bcole@co.riverside.ca.us

C. Either party may make changes to the information above by giving written notice to the other party. Said changes shall not require an amendment to this agreement.

EXHIBIT A
Scope of Work

5. Services to be Performed – Pediatric-IAP-Hepatitis B

The Contractor must agree to the following inclusive objectives and conduct the following activities. Please note that many of these services to be performed are also objectives and activities required by the Federal Government and are conditions for funding of the California Immunization Program and/or statutory requirements of State and local health departments. The level of subvention contract funding to be awarded is not represented as sufficient for support of all the required activities; a significant amount of local support and funding is expected. Subvention contract funds must not be used to supplant (i.e., replace) local funds currently being expended for routine immunization services and activities.

A. Objectives:

- 1) Raise to (or maintain) immunization coverage levels to 95% or greater for each immunization required by law for kindergarten students and child care entrants within the Contractor's jurisdiction.
- 2) By the end of the year 2011, 90% of two-year-olds within the Contractor's jurisdiction should be vaccinated with one dose of measles, mumps, and rubella (MMR) vaccine, three doses of polio vaccine, at least four doses of diphtheria, tetanus, and pertussis (DTP) vaccine, three doses of *Haemophilus influenzae* type b (Hib) vaccine, three doses of hepatitis b vaccine, one dose of varicella vaccine and four doses of pneumococcal conjugate vaccine..
- 3) Through prevention, surveillance and outbreak control, reduce, or eliminate illness, disability and death due to vaccine-preventable diseases within the Contractor's jurisdiction.
- 4) For Fiscal Year 2010/2011 establish and/or maintain an effective reminder/recall system using the local regional registry.
- 5) Inform and educate health care providers, school staff, child care community, and the general public about the need for timely administration of scheduled immunizations of children and adults.

B. Specific Activities:

- 1) Program Management
 - a. Contractor agrees to assign one or more staff the responsibility of monitoring each program activity: 1) Program Management; 2) Vaccine Accountability and Management; 3) Immunization Information Systems; 4) Provider Quality Assurance; 5) Perinatal Hepatitis B Prevention; 6) Adolescent Immunizations; 7) Adult Immunizations; 8) Education, Information, Training, and Partnerships; 9) Epidemiology and Surveillance; 10) Population Assessment; and 11) WIC-Immunization linkage.
 - b. To ensure that public immunization clinic policies and practices are in compliance with the current recommendations approved by the U.S. Public Health Service and endorsed by the American Academy of Pediatrics (AAP) as specified in the Revised Standards for Immunization Practices Child, Adolescent and Adult Immunization, and conduct in-service training for public clinic staff.

EXHIBIT A
Scope of Work

- c. Within the health jurisdiction, develop and implement policies and procedures to enhance the continuity of care (including recommended immunizations) through the utilization of a medical home among medically underserved children, adolescents and adults.
- d. Attend/participate in regional, state and local meetings and educational forums related to immunizations including but not limited to those sponsored by the Immunization Branch and CDC. Attendance at the yearly CDPH Immunization Branch Coordinator's Meeting is required for all Immunization Coordinators.

2) Vaccine Accountability and Management

The contractor receiving vaccine purchased with State of California/Federal funds, herein called State purchased vaccines, agrees:

- a. To ensure that immunization practices at the local health department for vaccine storage, handling and administration procedures are consistent with the Revised Standards for Immunization Practices Child, Adolescent and Adult Immunization.
- b. The authorized immunization patient record card or authorized clinic log sheets must be stored by the local health department in a retrievable file for a minimum of 7 years following the end of the calendar year in which the vaccine information statement was provided to the vaccine recipient, parent, or legal representative. In addition, if a notice of a claim or lawsuit has been made, the record must be retained until after a final disposition has been made.
- c. No charge may be made to the patient, parent, guardian or third party payer for the cost of State purchased vaccine provided to local health departments by the Immunization Branch. In addition, outside, non-profit providers of immunization services receiving State purchased vaccine may not charge patients or parents for the cost of vaccine. Charges made by local health departments to patients for the direct costs incurred for administration or injection of the vaccine are discouraged but are not specifically prohibited. Should the health department or outside medical provider receiving state-purchased vaccine establish an administration fee for an injection of vaccine, information, e.g., sign/poster, must be prominently displayed which indicates that no one receiving an immunization in a public clinic may be denied vaccine provided through public funds for failure to pay the administration fee or failure to make a donation to the provider.
- d. The storage and handling of State purchased vaccine within local health department facilities shall be in accordance with the manufacturers' specifications and CDC Guidelines. Local health departments may be required to purchase new refrigerators or freezers if the storage units cannot consistently maintain appropriate temperatures or have sufficient space to store all vaccines.

3) Immunization Information Systems

In coordination with the local or regional registry:

- a. Assist in the implementation, maintenance and enhancement of the Immunization Registry in accordance with Immunization Branch standards.

EXHIBIT A
Scope of Work

- b. Conduct periodic assessments of the integration of the registry into the immunization program using the PROW standards of excellence.
- c. Collaborate with provider organizations and other immunization coalition stakeholders in the registry's catchment area to assist with provider recruitment, training, implementation and maintenance.
- d. Increase the percentage of public and private provider sites participating in the registry to achieve the Healthy People 2010 objective of 95% of children under 6 years of age with two or more immunization records in the registry.
- e. Promote activities and strategies to increase the percentage of children 6-18 years of age and adults participating in the registry in the catchment area.

4) Provider Quality Assurance

- a. Provide and/or promote educational/training opportunities and informational materials to ensure that health care providers within the jurisdiction are knowledgeable and competent regarding current best practices for immunization services.
- b. Utilize AFIX (Assessment, Feedback, Incentive, Exchange) annually to assess immunization coverage rates and adherence to the Standards for Pediatric Immunization Practices at local health departments and community health centers with state funding.

5) Perinatal Hepatitis B Prevention

Encourage use of the birth dose policy in hospitals within the jurisdiction by:

- a. Providing education on the Hepatitis B birth dose recommendations and screening all pregnant women for HBsAg status.
- b. Identifying barriers to implementation of the birth dose.
- c. Assuring that delivery hospitals develop written policies, procedures and standing orders for the administration of the birth dose.
- d. Assisting with enrollment of birth hospitals in the VFC Program.

6) Adolescent Immunizations

Working collaboratively with local public and private/nonprofit providers and agencies, and professional organizations to establish a platform on adolescent immunizations and increase coverage rates within the jurisdiction through:

- a. Enhancing access to all ACIP-recommended vaccines.
- b. Promoting public awareness of adolescent immunizations utilizing promotional campaigns, media and web communications.

EXHIBIT A
Scope of Work

- c. Increasing awareness of and educating health care providers about adolescent immunization recommendations.
- d. Promoting use of the Immunization Registry for adolescents.
- e. Outreach to adolescent service providers and enrollment in the VFC Program.
- f. Collaborating with school based health centers, juvenile correctional facilities and social service agencies to promote coverage.

7) Adult Immunizations

- a. Working collaboratively with immunization coalitions, community groups, child care providers, schools, nursing homes, home health agencies and other organizations, develop and implement a strategy for the promotion of flu immunization within the jurisdiction.
- b. To improve immunization coverage rates among adult populations within the jurisdiction, coordinate program planning and implementation of strategies with local public and private/nonprofit agencies serving adults.
- c. Working collaboratively with the Immunization Registry, develop and implement strategies to increase the percentage of adult immunizations entered into the registry.

8) Education, Information, Training, and Partnerships

- a. Participate in the development, implementation and promotion of outreach activities focused on children, adolescents, adults and families through partnerships, coalitions, and collaboration with community groups, child care providers, juvenile justice programs, and culturally appropriate organizations to reduce ethnic disparities in immunization coverage rates.
- b. Collaborate with birthing facilities to develop and implement new mother education programs regarding immunizations. Collaborate with the Registrar of Births to distribute immunization educational materials to new mothers.
- c. Work collaboratively with immunization coalitions, community groups, child care providers, schools, nursing homes, home health agencies and other organizations to develop and implement a strategy for the promotion of influenza vaccination within the jurisdiction.
- d. Ensure that providers are knowledgeable about and are using the VIS in accordance with the National Childhood Vaccine Injury Act.

9) Epidemiology and Surveillance

- a. Support the maintenance of an effective system for identification and reporting of suspect, probable and confirmed cases of vaccine preventable diseases (VPDs).
- b. Support the investigation and follow-up of reported suspect, probable and confirmed VPDs.

EXHIBIT A
Scope of Work

- c. Ensure that local health departments and public health clinics are knowledgeable about and utilize the Vaccine Adverse Events Reporting System (VAERS) for reporting adverse events following immunizations in accordance with Immunization Branch guidelines.

10) Population Assessment

- a. Conduct an immunization assessment of all child care centers and assist the Immunization Branch with conducting an immunization assessment of all kindergarten schools.
- b. Conduct selective review site visits to a randomly selected sample of child care centers, kindergarten, and seventh grade schools.
- c. In coordination with Immunization Branch Field Representatives, local health authorities and local child care center and school authorities, encourage compliance of all child care centers and schools with existing regulations pertaining to the immunization of children admitted to such institutions.
- d. Implement and maintain immunization clinic reminder/recall systems among all public medical providers receiving state-supplied vaccines to improve immunization rates among preschool-age children within the jurisdiction.
- e. Develop and implement strategies to increase immunization rates of the 24-35 month old population in the jurisdiction. Expected improvements as assessed with Clinic Assessment Software Application (CoCASA) for the 4:3:1:3:3 series by provider type are: Public health clinics (PHC) with rates below 40% should achieve a 25% improvement; between 40% and 49% should achieve a 15% improvement; between 50% and 69% should achieve a 10% improvement; and between 70% and 85% should achieve a 5% improvement.

11) WIC-Immunization Linkage

- a. Promote the use of the immunization registry in WIC sites.

C. Specific Perinatal Hepatitis B Activities (only for contractors receiving federal perinatal hepatitis B funds):

- 1. Ensure that clinicians are testing pregnant women for HBsAg and that clinicians and laboratories are reporting patients with positive test results to the local health department.
- 2. Ensure that hepatitis B vaccine (HBV) infected pregnant women are reported to birth hospitals prior to delivery.
- 3. Ensure that birth hospitals have a written HBsAg test result for each pregnant woman and that they test pregnant women with unknown HBsAg status.
- 4. Ensure that birth hospitals are aware of requirements for post exposure prophylaxis (PEP) for infants born to HBV infected mothers and mothers with unknown HBV infection status.
 - a. Provide information on developing standing orders and policies and procedures for administering the birth dose to all infants according to the ACIP recommendations.

EXHIBIT A
Scope of Work

5. Ensure that local pediatricians and family physicians caring for infants have a method for identifying those infants born to HBV infected women and are aware of recommendations for administration of PEP, for the vaccine series, and for post vaccine serology testing.
6. Provide information to HBSAg-positive women regarding perinatal hepatitis B transmission and medical care, as well as information on vaccination and testing requirements for the infant.
7. Provide information to HBV infected women and their household and sexual contacts on screening and vaccination recommendations and provide referrals to medical services as needed.
8. Monitor follow up of infants born to HBV infected mothers, including administration of Hepatitis B Immune Globulin (HBIG) and hepatitis B at birth, completion of the hepatitis B vaccine series and obtaining post vaccine serologic (PVS) testing results.
9. Provide birth hospitals and medical providers written information on screening and reporting requirements and on the ACIP recommendations for perinatal hepatitis B prevention.
10. Submit case reports for HBV infected pregnant women and their infants to CDPH Immunization Branch in a timely manner.

D. Required Reports

1) Reports of Local Program Progress and Activities

In accordance with the guidelines and format provided by the CDPH Immunization Branch, the Contractor shall submit, through his/her CDPH Immunization Branch District Field Representative, to the Branch identified in paragraph 4 within D. Required Reports, by the 15th of the month following the end of each quarter, a written quarterly report of progress and activities. In addition to the written report the Contractor and Project Liaison, or designee, may meet and discuss the above matters in person.

- 2) Upon completion of the investigation of each probable or confirmed reportable vaccine preventable disease case, a completed investigation form must be submitted to the CDPH Immunization Branch.
- 3) Contractor agrees that itemized personnel positions listed in the *Application for Immunization Project Subvention Funds* shall not be subject to Contractor's personnel policy decisions to refrain from filling vacant positions.
- 4) All reports, other than those required to be directed to the Field Representatives, invoices, and other written communications are to be addressed and delivered to the California Department of Public Health, Immunization Branch, 850 Marina Bay Pkwy., Bldg. P 2nd Floor, Richmond, California 94804.
- 5) The State reserves the right to use and reproduce all reports and data produced and delivered pursuant to this Contract and reserves the right to authorize others to use or reproduce such materials, provided that the confidentiality of patient information and records are protected pursuant to California State laws and regulations.

EXHIBIT A
Scope of Work

- 6) It is agreed by the Contractor that in the event that a significant portion of the Contract objectives for the initial four months of the Contract are not met by that time; and in the event that the State determines from quarterly invoices, performance reports, and other sources of information that the Contractor will not perform the total quantity of services contracted for; and that therefore, the total budget allocation will not be depleted; the State and/or Contractor may make an equitable adjustment in the original Contract budget and Contract objectives in order to decrease the total quantity of services and commensurate Contract amount. Any adjustment shall be by amendment only and duly executed by both parties and approved by the Department of General Services (if applicable).

Exhibit B
Budget Detail and Payment Provisions

1. Invoicing and Payment

- A. For services satisfactorily rendered, and upon receipt and approval of the invoices, the State agrees to compensate the Contractor for actual expenditures incurred in accordance with the budget(s) attached hereto.
- B. Invoices shall include the agreement number and shall be submitted in triplicate in arrears not more frequently than 30 days. Each monthly invoice for the month shall be submitted for payment no more than sixty (60) calendar days following the close of each month, unless an alternate deadline is agreed to in writing by the program contract manager.

California Department of Public Health
Immunization Branch
Attn: Robina Escalada
850 Marina Bay Pkwy., Bldg. P, 2nd Floor
Richmond, CA 94804

- C. Invoices shall:
 - 1) Be prepared on Contractor letterhead. If invoices are not on produced letterhead invoices must be signed by an authorized official, employee or agent certifying that the expenditures claimed represent actual expenses for the service performed under this contract.
 - 2) Bear the Contractor's name as shown on the agreement.
 - 3) Identify the billing and/or performance period covered by the invoice.
 - 4) Itemize costs for the billing period in the same or greater level of detail as indicated in this agreement. Subject to the terms of this agreement, reimbursement may only be sought for those costs and/or cost categories expressly identified as allowable in this agreement and approved by CDPH.

2. Budget Contingency Clause

- A. It is mutually agreed that if the Budget Act of the current year and/or any subsequent years covered under this agreement does not appropriate sufficient funds for the program, this agreement shall be of no further force and effect. In this event, the State shall have no liability to pay any funds whatsoever to Contractor or to furnish any other considerations under this agreement and Contractor shall not be obligated to perform any provisions of this agreement.
- B. If funding for any fiscal year is reduced or deleted by the Budget Act for purposes of this program, the State shall have the option to either cancel this agreement with no liability occurring to the State, or offer an agreement amendment to Contractor to reflect the reduced amount.

Exhibit B
Budget Detail and Payment Provisions

3. Prompt Payment Clause

Payment will be made in accordance with, and within the time specified in, Government Code Chapter 4.5, commencing with Section 927.

4. Timely Submission of Final Invoice

- A. A final undisputed invoice shall be submitted for payment no more than sixty (60) calendar days following the expiration or termination date of this agreement, unless a later or alternate deadline is agreed to in writing by the program contract manager. Said invoice should be clearly marked "Final Invoice", thus indicating that all payment obligations of the State under this agreement have ceased and that no further payments are due or outstanding.
- B. The State may, at its discretion, choose not to honor any delinquent final invoice if the Contractor fails to obtain prior written State approval of an alternate final invoice submission deadline. Written State approval shall be sought from the program contract manager prior to the expiration or termination date of this agreement.
- C. The Contractor is hereby advised of its obligation to submit, with the final invoice, a "**Contractor's Release (Exhibit F)**" acknowledging submission of the final invoice to the State and certifying the approximate percentage amount, if any, of recycled products used in performance of this agreement.

5. Expense Allowability / Fiscal Documentation

- A. Invoices, received from a Contractor and accepted and/or submitted for payment by the State, shall not be deemed evidence of allowable agreement costs.
- B. Contractor shall maintain for review and audit and supply to CDPH upon request, adequate documentation of all expenses claimed pursuant to this agreement to permit a determination of expense allowability.
- C. If the allowability or appropriateness of an expense cannot be determined by the State because invoice detail, fiscal records, or backup documentation is nonexistent or inadequate according to generally accepted accounting principles or practices, all questionable costs may be disallowed and payment may be withheld by the State. Upon receipt of adequate documentation supporting a disallowed or questionable expense, reimbursement may resume for the amount substantiated and deemed allowable.
- D. If travel is a reimbursable expense, receipts must be maintained to support the claimed expenditures. For more information on allowable travel and per diem expenses and required documentation, see Exhibit G entitled, "Travel Reimbursement Information".

Exhibit B
Budget Detail and Payment Provisions

6. Budget Flexibility

Subject to the prior review and approval of the contract manager, line item shifts of up to \$25,000 or ten percent of the annual contract total, whichever is less, may be made up to a cumulative maximum of \$25,000 or 10%, whichever is less, for all line item shifts over the life of the contract. There must be a substantial business justification for any shifts made. Fund shifts which increase Indirect, Overhead or General Expense line items are prohibited. Line item shifts may be proposed/requested by either the California Department of Public Health or the Contractor in writing and must not increase or decrease the total contract amount allocated. Any line item shifts must be approved in writing by the Deputy Director of the Division of Communicable Disease Control, or his or her designee, and must be sent to the Contracts Office within 10 days of approval for inclusion in contract folder. If the contract is formally amended, any line item shifts agreed to by the parties must be included in the amendment.

7. Additional Budget Provisions

- A. The total amount of the contract will be indicated as either some part, or all, of the total operations budget. If the total amount of the contract is less than the total operations budget, the Contractor will be responsible for providing the difference between the total amount of the contract and the total operations budget. Further, all invoices to the State which request reimbursements for positions included in the Contractor's *Application for Immunization Project Subvention Funds* submitted by the Contractor on June 3, 2010 shall include the name and position title of the persons that have performed in these positions.
- B. The Contractor shall provide for any personnel or operating expenses that are necessary to meet the provisions included herein but are not provided for in the Budget included as Exhibit "B" Attachment I.

**Exhibit B, Attachment I
Budget**

I. Personnel	% of time or hours on project	Monthly salary range or hourly rate	Total
1-Assistant Nurse Manager	2080 hours	\$40.34	\$83,907.00
1-Public Health Nurse IV	416 hours	\$37.59	\$15,637.00
1-Registered Nurse III	832 hours	\$35.63	\$29,644.00
1-Registered Nurse III	2080 hours	\$35.63	\$74,110.00
1-Health Educator	832 hours	\$29.74	\$24,744.00
1-Licensed Vocational Nurse	2080 hours	\$21.08	\$43,846.00
1-Licensed Vocational Nurse	2080 hours	\$21.08	\$43,846.00
1-Health Services Assistant	1040 hours	\$17.63	\$18,335.00
Total Personnel			\$334,069.00
II. Fringe Benefits (40% of Personnel)			\$133,628.00
III. Operating Expenses or General Expenses			
Office Supplies			\$3,900.00
Printing			\$1,600.00
Health Education Materials			\$1,500.00
Other			\$2,400.00
IV. Equipment			\$0.00
V. Travel			\$3,825.00
VI. Subcontracts			\$62,000.00
Riverside-San Bernardino County Indian Health, Inc. - \$ 22,000			
Community Health Systems, Inc. - \$25,000			
Clinicas de Salud del Pueblo, Inc. - Riverside - \$15,000			
VII. Other Costs			\$3,100.00
VIII. Indirect Costs (0%)			<u>\$0.00</u>
Total Budget			\$546,022.00

Exhibit B, Attachment I, Schedule I
Subcontractor Budget

Subcontracts

Name of Subcontractor: Riverside-San Bernardino County Indian Health, Inc.
 Contact Person: Patty Garcia, BSN, PHN
 Address: 11555 - 1/2 Potrero Road
 City, State, & Zip Code: Banning, CA 92220
 Telephone #: 909/633-5503
 Federal Tax I.D. Number: _____

I. Personnel Services (List positions)	% of Time or Number of Hours	Monthly Salary Range or Hourly Rate	Dollar Amount Requested
1-Public Health Nurse	416 hours	\$32/hour	\$ 13,312.00
Personnel Services Subtotal			\$ 13,312.00
Fringe Benefits (0% of Personnel)			\$ -
Personnel Services Subtotal			\$ 13,312.00
II. Operating Expenses			
Supplies			\$ 7,108.00
Health Education Materials/Printing			\$ 1,580.00
Travel			\$ -
Equipment			\$ -
Operating Expenses Subtotal			\$ 8,688.00
Subcontracts Total =	(I. Personnel Services + II. Operating Expense)		\$ 22,000.00

This schedule is being provided for informational purposes. Changes to the schedule will require a contract amendment.

**Exhibit B, Attachment I, Schedule II
Subcontractor Budget**

Subcontracts

Name of Subcontractor: Community Health Systems, Inc.
 Contact Person: Pamela Love, MPH
 Address: 22675 Alessandro Boulevard
 City, State, & Zip Code: Moreno Valley, CA 92553
 Telephone #: 951/571-2300
 Federal Tax I.D. Number: _____

I. Personnel Services (List positions)	% of Time or Number of Hours	Monthly Salary Range or Hourly Rate	Dollar Amount Requested
1-Data Entry Clerk	75%	\$1,600.00	\$ 14,400.00
1-QA Manger	5%	\$4,583.33	\$ 2,750.00
1-Systems Specialist	5%	\$2,958.33	\$ 1,775.00
Personnel Services Subtotal			\$ 18,925.00
Fringe Benefits (22-24% of Personnel)			\$ 4,305.00
Personnel Services Subtotal			\$ 23,230.00
II. Operating Expenses			
Supplies			\$ 1,770.00
Health Education Materials			\$ -
Travel			\$ -
Equipment			\$ -
Operating Expenses Subtotal			\$ 1,770.00
Subcontracts Total =	(I. Personnel Services + II. Operating Expense)		\$ 25,000.00

This schedule is being provided for informational purposes. Changes to the schedule will require a contract amendment.

Exhibit B, Attachment I, Schedule III
Subcontractor Budget

Subcontracts

Name of Subcontractor: Clinicas de Salud del Pueblo, Inc. - Riverside
 Contact Person: Leticia Ibarra
 Address: 91275 66th Avenue, Suite 500
 City, State, & Zip Code: Mecca, Riverside 92254
 Telephone #: 760/344-9951
 Federal Tax I.D. Number: 95-2657324

I. Personnel Services (List positions)	% of Time or Number of Hours	Monthly Salary Range or Hourly Rate	Dollar Amount Requested
1-Director of Programs	5%	\$5150/month	in-kind
1-Program Coordinator	20%	\$15.45/hour	in-kind
1-Medical Assistant	728 hours	\$12/hout	\$ 8,736.00
Personnel Services Subtotal			\$ 8,736.00
Fringe Benefits (34% of Personnel)			\$ 2,970.00
Personnel Services Subtotal			\$ 11,706.00
II. Operating Expenses			
Supplies			\$ -
Health Education Materials			\$ -
Travel			\$ 3,294.00
Equipment			\$ -
Operating Expenses Subtotal			\$ 3,294.00
Subcontracts Total =	(I. Personnel Services + II. Operating Expense		\$ 15,000.00

This schedule is being provided for informational purposes. Changes to the schedule will require a contract amendment.

Special Terms and Conditions

(For federally funded service contracts or agreements and grant agreements)

The use of headings or titles throughout this exhibit is for convenience only and shall not be used to interpret or to govern the meaning of any specific term or condition.

The terms "contract", "Contractor" and "Subcontractor" shall also mean, "agreement", "grant", "grant agreement", "Grantee" and "Subgrantee" respectively.

The terms "California Department of Public Health" and "CDPH" shall have the same meaning and refer to the California State agency that is a party to this Agreement.

This exhibit contains provisions that require strict adherence to various contracting laws and policies. Some provisions herein are conditional and only apply if specified conditions exist (i.e., agreement total exceeds a certain amount, agreement is federally funded, etc.). The provisions herein apply to this Agreement unless the provisions are removed by reference on the face of this Agreement, the provisions are superseded by an alternate provision appearing elsewhere in this Agreement, or the applicable conditions do not exist.

Index of Special Terms and Conditions

1. Federal Equal Employment Opportunity Requirements	17. Human Subjects Use Requirements
2. Travel and Per Diem Reimbursement	18. Novation Requirements
3. Procurement Rules	19. Debarment and Suspension Certification
4. Equipment Ownership / Inventory / Disposition	20. Smoke-Free Workplace Certification
5. Subcontract Requirements	21. Covenant Against Contingent Fees
6. Income Restrictions	22. Payment Withholds
7. Audit and Record Retention	23. Performance Evaluation
8. Site Inspection	24. Officials Not to Benefit
9. Federal Contract Funds	25. Four-Digit Date Compliance
10. Intellectual Property Rights	26. Prohibited Use of State Funds for Software
11. Air or Water Pollution Requirements	27. Use of Small, Minority Owned and Women's Businesses
12. Prior Approval of Training Seminars, Workshops or Conferences	28. Alien Ineligibility Certification
13. Confidentiality of Information	29. Union Organizing
14. Documents, Publications, and Written Reports	30. Contract Uniformity (Fringe Benefit Allowability)
15. Dispute Resolution Process	31. Lobbying Restrictions and Disclosure Certification
16. Financial and Compliance Audit Requirements	

1. Federal Equal Opportunity Requirements

(Applicable to all federally funded agreements entered into by the California Department of Public Health (CDPH) formerly known as California Department of Health Services (CDHS).)

- a. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, physical or mental handicap, disability, age or status as a disabled veteran or veteran of the Vietnam era. The Contractor will take affirmative action to ensure that qualified applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, national origin, physical or mental handicap, disability, age or status as a disabled veteran or veteran of the Vietnam era. Such action shall include, but not be limited to the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and career development opportunities and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Federal Government or CDPH, setting forth the provisions of the Equal Opportunity clause, Section 503 of the Rehabilitation Act of 1973 and the affirmative action clause required by the Vietnam Era Veterans' Readjustment Assistance Act of 1974 (38 U.S.C. 4212). Such notices shall state the Contractor's obligation under the law to take affirmative action to employ and advance in employment qualified applicants without discrimination based on their race, color, religion, sex, national origin physical or mental handicap, disability, age or status as a disabled veteran or veteran of the Vietnam era and the rights of applicants and employees.
- b. The Contractor will, in all solicitations or advancements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin physical or mental handicap, disability, age or status as a disabled veteran or veteran of the Vietnam era.
- c. The Contractor will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding a notice, to be provided by the Federal Government or the State, advising the labor union or workers' representative of the Contractor's commitments under the provisions herein and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- d. The Contractor will comply with all provisions of and furnish all information and reports required by Section 503 of the Rehabilitation Act of 1973, as amended, the Vietnam Era Veterans' Readjustment Assistance Act of 1974 (38 U.S.C. 4212) and of the Federal Executive Order No. 11246 as amended, including by Executive Order 11375, 'Amending Executive Order 11246 Relating to Equal Employment Opportunity,' and as supplemented by regulation at 41 CFR part 60, "Office of the Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," and of the rules, regulations, and relevant orders of the Secretary of Labor.
- e. The Contractor will furnish all information and reports required by Federal Executive Order No. 11246 as amended, including by Executive Order 11375, 'Amending Executive Order 11246 Relating to Equal Employment Opportunity,' and as supplemented by regulation at 41 CFR part 60, "Office of the Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," and the Rehabilitation Act of 1973, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to its books, records, and accounts by the State and its designated representatives and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- f. In the event of the Contractor's noncompliance with the requirements of the provisions herein or with any federal rules, regulations, or orders which are referenced herein, this Agreement may be cancelled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further federal and state contracts in accordance with procedures authorized in Federal Executive Order No. 11246 as amended and such other sanctions may be imposed and remedies invoked as provided in Federal Executive Order No. 11246 as amended, including by Executive Order 11375, 'Amending Executive Order 11246 Relating to Equal Employment Opportunity,' and as supplemented by regulation at 41 CFR part 60, "Office of the Federal Contract Compliance Programs, Equal Employment

Opportunity, Department of Labor," or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

- g. The Contractor will include the provisions of Paragraphs a through g in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Federal Executive Order No. 11246 as amended, including by Executive Order 11375, 'Amending Executive Order 11246 Relating to Equal Employment Opportunity,' and as supplemented by regulation at 41 CFR part 60, "Office of the Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," or Section 503 of the Rehabilitation Act of 1973 or (38 U.S.C. 4212) of the Vietnam Era Veteran's Readjustment Assistance Act, so that such provisions will be binding upon each subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as the Director of the Office of Federal Contract Compliance Programs or CDPH may direct as a means of enforcing such provisions including sanctions for noncompliance provided, however, that in the event the Contractor becomes involved in, or is threatened with litigation by a subcontractor or vendor as a result of such direction by CDPH, the Contractor may request in writing to CDPH, who, in turn, may request the United States to enter into such litigation to protect the interests of the State and of the United States.

2. Travel and Per Diem Reimbursement

(Applicable if travel and/or per diem expenses are reimbursed with agreement funds.)

Reimbursement for travel and per diem expenses from CDPH under this Agreement shall, unless otherwise specified in this Agreement, be at the rates currently in effect, as established by the California Department of Personnel Administration (DPA), for nonrepresented state employees as stipulated in CDPH's Travel Reimbursement Information Exhibit. If the DPA rates change during the term of the Agreement, the new rates shall apply upon their effective date and no amendment to this Agreement shall be necessary. Exceptions to DPA rates may be approved by CDPH upon the submission of a statement by the Contractor indicating that such rates are not available to the Contractor. No travel outside the State of California shall be reimbursed without prior authorization from CDPH. Verbal authorization should be confirmed in writing. Written authorization may be in a form including fax or email confirmation.

3. Procurement Rules

(Applicable to all agreements in which equipment, property, commodities and/or supplies are furnished by CDPH or expenses for said items are reimbursed with state or federal funds.)

a. Equipment definitions

Wherever the term equipment /property is used, the following definitions shall apply:

- (1) **Major equipment/property:** A tangible or intangible item having a base unit cost of **\$5,000 or more** with a life expectancy of one (1) year or more and is either furnished by CDPH or the cost is reimbursed through this Agreement. Software and videos are examples of intangible items that meet this definition.
 - (2) **Minor equipment/property:** A tangible item having a base unit cost of **less than \$5,000** with a life expectancy of one (1) year or more and is either furnished by CDPH or the cost is reimbursed through this Agreement.
- b. **Government and public entities** (including state colleges/universities and auxiliary organizations), whether acting as a contractor and/or subcontractor, may secure all commodities, supplies, equipment and services related to such purchases that are required in performance of this Agreement. Said procurements are subject to Paragraphs d through h of Provision 3. Paragraph c of Provision 3 shall also apply, if equipment purchases are delegated to subcontractors that are nonprofit organizations or commercial businesses.
- c. **Nonprofit organizations and commercial businesses**, whether acting as a contractor and/or subcontractor, may secure commodities, supplies, equipment and services related to such purchases for performance under this Agreement.
- (1) Equipment purchases shall not exceed \$50,000 annually.

To secure equipment above the annual maximum limit of \$50,000, the Contractor shall make arrangements through the appropriate CDPH Program Contract Manager, to have all remaining equipment purchased through CDPH's Purchasing Unit. The cost of equipment purchased by or through CDPH shall be deducted from the funds available in this Agreement. Contractor shall submit to the CDPH Program Contract Manager a list of equipment specifications for those items that the State must procure. The State may pay the vendor directly for such arranged equipment purchases and title to the equipment will remain with CDPH. The equipment will be delivered to the Contractor's address, as stated on the face of the Agreement, unless the Contractor notifies the CDPH Program Contract Manager, in writing, of an alternate delivery address.

- (2) All equipment purchases are subject to Paragraphs d through h of Provision 3. Paragraph b of Provision 3 shall also apply, if equipment purchases are delegated to subcontractors that are either a government or public entity.
- (3) Nonprofit organizations and commercial businesses, shall use a procurement system that meets the following standards:
 - (a) Maintain a code or standard of conduct that shall govern the performance of its officers, employees, or agents engaged in awarding procurement contracts. No employee, officer, or agent shall participate in the selection, award, or administration of a procurement, or bid contract in which, to his or her knowledge, he or she has a financial interest.
 - (b) Procurements shall be conducted in a manner that provides, to the maximum extent practical, open, and free competition.
 - (c) Procurements shall be conducted in a manner that provides for all of the following:
 - [1] Avoid purchasing unnecessary or duplicate items.
 - [2] Equipment solicitations shall be based upon a clear and accurate description of the technical requirements of the goods to be procured.
 - [3] Take positive steps to utilize small and veteran owned businesses.
- d. Unless waived or otherwise stipulated in writing by CDPH, prior written authorization from the appropriate CDPH Program Contract Manager will be required before the Contractor will be reimbursed for any purchase of \$5,000 or more for commodities, supplies, equipment, and services related to such purchases. The Contractor must provide in its request for authorization all particulars necessary, as specified by CDPH, for evaluating the necessity or desirability of incurring such costs. The term "purchase" excludes the purchase of services from a subcontractor and public utility services at rates established for uniform applicability to the general public.
- e. In special circumstances, determined by CDPH (e.g., when CDPH has a need to monitor certain purchases, etc.), CDPH may require prior written authorization and/or the submission of paid vendor receipts for any purchase, regardless of dollar amount. CDPH reserves the right to either deny claims for reimbursement or to request repayment for any Contractor and/or subcontractor purchase that CDPH determines to be unnecessary in carrying out performance under this Agreement.
- f. The Contractor and/or subcontractor must maintain a copy or narrative description of the procurement system, guidelines, rules, or regulations that will be used to make purchases under this Agreement. The State reserves the right to request a copy of these documents and to inspect the purchasing practices of the Contractor and/or subcontractor at any time.
- g. For all purchases, the Contractor and/or subcontractor must maintain copies of all paid vendor invoices, documents, bids and other information used in vendor selection, for inspection or audit. Justifications supporting the absence of bidding (i.e., sole source purchases) shall also be maintained on file by the Contractor and/or subcontractor for inspection or audit.
- h. CDPH may, with cause (e.g., with reasonable suspicion of unnecessary purchases or use of

inappropriate purchase practices, etc.), withhold, cancel, modify, or retract the delegated purchase authority granted under Paragraphs b and/or c of Provision 3 by giving the Contractor no less than 30 calendar days written notice.

4. Equipment Ownership / Inventory / Disposition

(Applicable to agreements in which equipment and/or property is furnished by CDPH and/or when said items are purchased or reimbursed with state or federal funds.)

- a. Wherever the terms equipment and/or property are used in Provision 4, the definitions in Provision 3, Paragraph a, shall apply.

Unless otherwise stipulated in this Agreement, all equipment and/or property that are purchased/reimbursed with agreement funds or furnished by CDPH under the terms of this Agreement shall be considered state equipment and the property of CDPH.

- (1) CDPH requires the reporting, tagging and annual inventorying of all equipment and/or property that is furnished by CDPH or purchased/reimbursed with funds provided through this Agreement.

Upon receipt of equipment and/or property, the Contractor shall report the receipt to the CDPH Program Contract Manager. To report the receipt of said items and to receive property tags, Contractor shall use a form or format designated by CDPH's Asset Management Unit. If the appropriate form (i.e., Contractor Equipment Purchased with CDPH Funds) does not accompany this Agreement, Contractor shall request a copy from the CDPH Program Contract Manager.

- (2) If the Contractor enters into an agreement with a term of more than twelve months, the Contractor shall submit an annual inventory of state equipment and/or property to the CDPH Program Contract Manager using a form or format designated by CDPH's Asset Management Unit. If an inventory report form (i.e., Inventory/Disposition of CDPH-Funded Equipment) does not accompany this Agreement, Contractor shall request a copy from the CDPH Program Contract Manager. Contractor shall:

- (a) Include in the inventory report, equipment and/or property in the Contractor's possession and/or in the possession of a subcontractor (including independent consultants).
- (b) Submit the inventory report to CDPH according to the instructions appearing on the inventory form or issued by the CDPH Program Contract Manager.
- (c) Contact the CDPH Program Contract Manager to learn how to remove, trade-in, sell, transfer or survey off, from the inventory report, expired equipment and/or property that is no longer wanted, usable or has passed its life expectancy. Instructions will be supplied by CDPH's Asset Management Unit.

- b. Title to state equipment and/or property shall not be affected by its incorporation or attachment to any property not owned by the State.

- c. Unless otherwise stipulated, CDPH shall be under no obligation to pay the cost of restoration, or rehabilitation of the Contractor's and/or Subcontractor's facility which may be affected by the removal of any state equipment and/or property.

- d. The Contractor and/or Subcontractor shall maintain and administer a sound business program for ensuring the proper use, maintenance, repair, protection, insurance and preservation of state equipment and/or property.

- (1) In administering this provision, CDPH may require the Contractor and/or Subcontractor to repair or replace, to CDPH's satisfaction, any damaged, lost or stolen state equipment and/or property. Contractor and/or Subcontractor shall immediately file a theft report with the appropriate police agency or the California Highway Patrol and Contractor shall promptly submit one copy of the theft report to the CDPH Program Contract Manager.

- e. Unless otherwise stipulated by the program funding this Agreement, equipment and/or property purchased/reimbursed with agreement funds or furnished by CDPH under the terms of this Agreement, shall only be used for performance of this Agreement or another CDPH agreement.
- f. Within sixty (60) calendar days prior to the termination or end of this Agreement, the Contractor shall provide a final inventory report of equipment and/or property to the CDPH Program Contract Manager and shall, at that time, query CDPH as to the requirements, including the manner and method, of returning state equipment and/or property to CDPH. Final disposition of equipment and/or property shall be at CDPH expense and according to CDPH instructions. Equipment and/or property disposition instructions shall be issued by CDPH immediately after receipt of the final inventory report. At the termination or conclusion of this Agreement, CDPH may at its discretion, authorize the continued use of state equipment and/or property for performance of work under a different CDPH agreement.

g. Motor Vehicles

(Applicable only if motor vehicles are purchased/reimbursed with agreement funds or furnished by CDPH under this Agreement.)

- (1) If motor vehicles are purchased/reimbursed with agreement funds or furnished by CDPH under the terms of this Agreement, within thirty (30) calendar days prior to the termination or end of this Agreement, the Contractor and/or Subcontractor shall return such vehicles to CDPH and shall deliver all necessary documents of title or registration to enable the proper transfer of a marketable title to CDPH.
- (2) If motor vehicles are purchased/reimbursed with agreement funds or furnished by CDPH under the terms of this Agreement, the State of California shall be the legal owner of said motor vehicles and the Contractor shall be the registered owner. The Contractor and/or a subcontractor may only use said vehicles for performance and under the terms of this Agreement.
- (3) The Contractor and/or Subcontractor agree that all operators of motor vehicles, purchased/reimbursed with agreement funds or furnished by CDPH under the terms of this Agreement, shall hold a valid State of California driver's license. In the event that ten or more passengers are to be transported in any one vehicle, the operator shall also hold a State of California Class B driver's license.
- (4) If any motor vehicle is purchased/reimbursed with agreement funds or furnished by CDPH under the terms of this Agreement, the Contractor and/or Subcontractor, as applicable, shall provide, maintain, and certify that, at a minimum, the following type and amount of automobile liability insurance is in effect during the term of this Agreement or any extension period during which any vehicle remains in the Contractor's and/or Subcontractor's possession:

Automobile Liability Insurance

- (a) The Contractor, by signing this Agreement, hereby certifies that it possesses or will obtain automobile liability insurance in the amount of \$1,000,000 per occurrence for bodily injury and property damage combined. Said insurance must be obtained and made effective upon the delivery date of any motor vehicle, purchased/reimbursed with agreement funds or furnished by CDPH under the terms of this Agreement, to the Contractor and/or Subcontractor.
- (b) The Contractor and/or Subcontractor shall, as soon as practical, furnish a copy of the certificate of insurance to the CDPH Program Contract Manager. The certificate of insurance shall identify the CDPH contract or agreement number for which the insurance applies.
- (c) The Contractor and/or Subcontractor agree that bodily injury and property damage liability insurance, as required herein, shall remain in effect at all times during the term of this Agreement or until such time as the motor vehicle is returned to CDPH.
- (d) The Contractor and/or Subcontractor agree to provide, at least thirty (30) days prior to the expiration date of said insurance coverage, a copy of a new certificate of insurance evidencing continued coverage, as indicated herein, for not less than the remainder of the term of this

Agreement, the term of any extension or continuation thereof, or for a period of not less than one (1) year.

- (e) The Contractor and/or Subcontractor, if not a self-insured government and/or public entity, must provide evidence, that any required certificates of insurance contain the following provisions:
 - [1] The insurer will not cancel the insured's coverage without giving thirty (30) calendar days prior written notice to the State (California Department of Public Health (CDPH)).
 - [2] The State of California, its officers, agents, employees, and servants are included as additional insureds, but only with respect to work performed for the State under this Agreement and any extension or continuation of this Agreement.
 - [3] The insurance carrier shall notify CDPH, in writing, of the Contractor's failure to pay premiums; its cancellation of such policies; or any other substantial change, including, but not limited to, the status, coverage, or scope of the required insurance. Such notices shall contain a reference to each agreement number for which the insurance was obtained.
- (f) The Contractor and/or Subcontractor is hereby advised that copies of certificates of insurance may be subject to review and approval by the Department of General Services (DGS), Office of Risk and Insurance Management. The Contractor shall be notified by CDPH, in writing, if this provision is applicable to this Agreement. If DGS approval of the certificate of insurance is required, the Contractor agrees that no work or services shall be performed prior to obtaining said approval.
- (g) In the event the Contractor and/or Subcontractor fails to keep insurance coverage, as required herein, in effect at all times during vehicle possession, CDPH may, in addition to any other remedies it may have, terminate this Agreement upon the occurrence of such event.

5. Subcontract Requirements

(Applicable to agreements under which services are to be performed by subcontractors including independent consultants.)

- a. Prior written authorization will be required before the Contractor enters into or is reimbursed for any subcontract for services costing \$5,000 or more. Except as indicated in Paragraph a(3) herein, when securing subcontracts for services exceeding \$5,000, the Contractor shall obtain at least three bids or justify a sole source award.
 - (1) The Contractor must provide in its request for authorization, all information necessary for evaluating the necessity or desirability of incurring such cost.
 - (2) The State may identify the information needed to fulfill this requirement.
 - (3) Subcontracts performed by the following entities or for the service types listed below are exempt from the bidding and sole source justification requirements:
 - (a) A local governmental entity or the federal government,
 - (b) A State college or university from any State,
 - (c) A Joint Powers Authority,
 - (d) An auxiliary organization of a California State University or a California community college,
 - (e) A foundation organized to support the Board of Governors of the California Community Colleges,
 - (f) An auxiliary organization of the Student Aid Commission established under Education Code § 69522,
 - (g) Entities of any type that will provide subvention aid or direct services to the public,
 - (h) Entities and/or service types identified as exempt from advertising in State Contracting Manual 5.80. View this publication at the following Internet address:

<http://www.ols.dgs.ca.gov/Contract+Manual/Chapters4through6.htm>.

- b. CDPH reserves the right to approve or disapprove the selection of subcontractors and with advance written notice, require the substitution of subcontractors and require the Contractor to terminate subcontracts entered into in support of this Agreement.
- (1) Upon receipt of a written notice from CDPH requiring the substitution and/or termination of a subcontract, the Contractor shall take steps to ensure the completion of any work in progress and select a replacement, if applicable, within 30 calendar days, unless a longer period is agreed to by CDPH.
- c. Actual subcontracts (i.e., written agreement between the Contractor and a subcontractor) of \$5,000 or more are subject to the prior review and written approval of CDPH. CDPH may, at its discretion, elect to waive this right. All such waivers shall be confirmed in writing by CDPH.
- d. Contractor shall maintain a copy of each subcontract entered into in support of this Agreement and shall, upon request by CDPH, make copies available for approval, inspection, or audit.
- e. CDPH assumes no responsibility for the payment of subcontractors used in the performance of this Agreement. Contractor accepts sole responsibility for the payment of subcontractors used in the performance of this Agreement.
- f. The Contractor is responsible for all performance requirements under this Agreement even though performance may be carried out through a subcontract.
- g. The Contractor shall ensure that all subcontracts for services include provision(s) requiring compliance with applicable terms and conditions specified in this Agreement.
- h. The Contractor agrees to include the following clause, relevant to record retention, in all subcontracts for services:
- "(Subcontractor Name) agrees to maintain and preserve, until three years after termination of (Agreement Number) and final payment from CDPH to the Contractor, to permit CDPH or any duly authorized representative, to have access to, examine or audit any pertinent books, documents, papers and records related to this subcontract and to allow interviews of any employees who might reasonably have information related to such records."
- i. Unless otherwise stipulated in writing by CDPH, the Contractor shall be the subcontractor's sole point of contact for all matters related to performance and payment under this Agreement.
- j. Contractor shall, as applicable, advise all subcontractors of their obligations pursuant to the following numbered provisions of this Exhibit: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 20, 24, and 31 or other numbered provisions herein that deemed applicable.

6. Income Restrictions

Unless otherwise stipulated in this Agreement, the Contractor agrees that any refunds, rebates, credits, or other amounts (including any interest thereon) accruing to or received by the Contractor under this Agreement shall be paid by the Contractor to CDPH, to the extent that they are properly allocable to costs for which the Contractor has been reimbursed by CDPH under this Agreement.

7. Audit and Record Retention

(Applicable to agreements in excess of \$10,000.)

- a. The Contractor and/or Subcontractor shall maintain books, records, documents, and other evidence, accounting procedures and practices, sufficient to properly reflect all direct and indirect costs of whatever nature claimed to have been incurred in the performance of this Agreement, including any matching costs and expenses. The foregoing constitutes "records" for the purpose of this provision.
- b. The Contractor's and/or subcontractor's facility or office or such part thereof as may be engaged in the performance of this Agreement and his/her records shall be subject at all reasonable times to inspection,

audit, and reproduction.

- c. Contractor agrees that CDPH, the Department of General Services, the Bureau of State Audits, or their designated representatives including the Comptroller General of the United States shall have the right to review and to copy any records and supporting documentation pertaining to the performance of this Agreement. Contractor agrees to allow the auditor(s) access to such records during normal business hours and to allow interviews of any employees who might reasonably have information related to such records. Further, the Contractor agrees to include a similar right of the State to audit records and interview staff in any subcontract related to performance of this Agreement. (GC 8546.7, CCR Title 2, Section 1896).
- d. The Contractor and/or Subcontractor shall preserve and make available his/her records (1) for a period of three years from the date of final payment under this Agreement, and (2) for such longer period, if any, as is required by applicable statute, by any other provision of this Agreement, or by subparagraphs (1) or (2) below.
 - (1) If this Agreement is completely or partially terminated, the records relating to the work terminated shall be preserved and made available for a period of three years from the date of any resulting final settlement.
 - (2) If any litigation, claim, negotiation, audit, or other action involving the records has been started before the expiration of the three-year period, the records shall be retained until completion of the action and resolution of all issues which arise from it, or until the end of the regular three-year period, whichever is later.
- e. The Contractor and/or Subcontractor shall comply with the above requirements and be aware of the penalties for violations of fraud and for obstruction of investigation as set forth in Public Contract Code § 10115.10, if applicable.
- f. The Contractor and/or Subcontractor may, at its discretion, following receipt of final payment under this Agreement, reduce its accounts, books and records related to this Agreement to microfilm, computer disk, CD ROM, or other data storage medium. Upon request by an authorized representative to inspect, audit or obtain copies of said records, the Contractor and/or Subcontractor must supply or make available applicable devices, hardware, and/or software necessary to view, copy and/or print said records. Applicable devices may include, but are not limited to, microfilm readers and microfilm printers, etc.
- g. The Contractor shall, if applicable, comply with the Single Audit Act and the audit reporting requirements set forth in OMB Circular A-133.

8. Site Inspection

The State, through any authorized representatives, has the right at all reasonable times to inspect or otherwise evaluate the work performed or being performed hereunder including subcontract supported activities and the premises in which it is being performed. If any inspection or evaluation is made of the premises of the Contractor or Subcontractor, the Contractor shall provide and shall require Subcontractors to provide all reasonable facilities and assistance for the safety and convenience of the authorized representatives in the performance of their duties. All inspections and evaluations shall be performed in such a manner as will not unduly delay the work.

9. Federal Contract Funds

(Applicable only to that portion of an agreement funded in part or whole with federal funds.)

- a. It is mutually understood between the parties that this Agreement may have been written before ascertaining the availability of congressional appropriation of funds, for the mutual benefit of both parties, in order to avoid program and fiscal delays which would occur if the Agreement were executed after that determination was made.
- b. This agreement is valid and enforceable only if sufficient funds are made available to the State by the United States Government for the fiscal years covered by the term of this Agreement. In addition, this

Agreement is subject to any additional restrictions, limitations, or conditions enacted by the Congress or any statute enacted by the Congress which may affect the provisions, terms or funding of this Agreement in any manner.

- c. It is mutually agreed that if the Congress does not appropriate sufficient funds for the program, this Agreement shall be amended to reflect any reduction in funds.
- d. CDPH has the option to invalidate or cancel the Agreement with 30-days advance written notice or to amend the Agreement to reflect any reduction in funds.

10. Intellectual Property Rights

a. Ownership

- (1) Except where CDPH has agreed in a signed writing to accept a license, CDPH shall be and remain, without additional compensation, the sole owner of any and all rights, title and interest in all Intellectual Property, from the moment of creation, whether or not jointly conceived, that are made, conceived, derived from, or reduced to practice by Contractor or CDPH and which result directly or indirectly from this Agreement.
- (2) For the purposes of this Agreement, Intellectual Property means recognized protectable rights and interest such as: patents, (whether or not issued) copyrights, trademarks, service marks, applications for any of the foregoing, inventions, trade secrets, trade dress, logos, insignia, color combinations, slogans, moral rights, right of publicity, author's rights, contract and licensing rights, works, mask works, industrial design rights, rights of priority, know how, design flows, methodologies, devices, business processes, developments, innovations, good will and all other legal rights protecting intangible proprietary information as may exist now and/or here after come into existence, and all renewals and extensions, regardless of whether those rights arise under the laws of the United States, or any other state, country or jurisdiction.
 - (a) For the purposes of the definition of Intellectual Property, "works" means all literary works, writings and printed matter including the medium by which they are recorded or reproduced, photographs, art work, pictorial and graphic representations and works of a similar nature, film, motion pictures, digital images, animation cells, and other audiovisual works including positives and negatives thereof, sound recordings, tapes, educational materials, interactive videos and any other materials or products created, produced, conceptualized and fixed in a tangible medium of expression. It includes preliminary and final products and any materials and information developed for the purposes of producing those final products. Works does not include articles submitted to peer review or reference journals or independent research projects.
- (3) In the performance of this Agreement, Contractor will exercise and utilize certain of its Intellectual Property in existence prior to the effective date of this Agreement. In addition, under this Agreement, Contractor may access and utilize certain of CDPH's Intellectual Property in existence prior to the effective date of this Agreement. Except as otherwise set forth herein, Contractor shall not use any of CDPH's Intellectual Property now existing or hereafter existing for any purposes without the prior written permission of CDPH. **Except as otherwise set forth herein, neither the Contractor nor CDPH shall give any ownership interest in or rights to its Intellectual Property to the other Party.** If during the term of this Agreement, Contractor accesses any third-party Intellectual Property that is licensed to CDPH, Contractor agrees to abide by all license and confidentiality restrictions applicable to CDPH in the third-party's license agreement.
- (4) Contractor agrees to cooperate with CDPH in establishing or maintaining CDPH's exclusive rights in the Intellectual Property, and in assuring CDPH's sole rights against third parties with respect to the Intellectual Property. If the Contractor enters into any agreements or subcontracts with other parties in order to perform this Agreement, Contractor shall require the terms of the Agreement(s) to include all Intellectual Property provisions. Such terms must include, but are not limited to, the subcontractor assigning and agreeing to assign to CDPH all rights, title and interest in Intellectual Property made, conceived, derived from, or reduced to practice by the subcontractor, Contractor or CDPH and which result directly or indirectly from this Agreement or any subcontract.

- (5) Contractor further agrees to assist and cooperate with CDPH in all reasonable respects, and execute all documents and, subject to reasonable availability, give testimony and take all further acts reasonably necessary to acquire, transfer, maintain, and enforce CDPH's Intellectual Property rights and interests.

b. Retained Rights / License Rights

- (1) Except for Intellectual Property made, conceived, derived from, or reduced to practice by Contractor or CDPH and which result directly or indirectly from this Agreement, Contractor shall retain title to all of its Intellectual Property to the extent such Intellectual Property is in existence prior to the effective date of this Agreement. Contractor hereby grants to CDPH, without additional compensation, a permanent, non-exclusive, royalty free, paid-up, worldwide, irrevocable, perpetual, non-terminable license to use, reproduce, manufacture, sell, offer to sell, import, export, modify, publicly and privately display/perform, distribute, and dispose Contractor's Intellectual Property with the right to sublicense through multiple layers, for any purpose whatsoever, to the extent it is incorporated in the Intellectual Property resulting from this Agreement, unless Contractor assigns all rights, title and interest in the Intellectual Property as set forth herein.
- (2) Nothing in this provision shall restrict, limit, or otherwise prevent Contractor from using any ideas, concepts, know-how, methodology or techniques related to its performance under this Agreement, provided that Contractor's use does not infringe the patent, copyright, trademark rights, license or other Intellectual Property rights of CDPH or third party, or result in a breach or default of any provisions of this Exhibit or result in a breach of any provisions of law relating to confidentiality.

c. Copyright

- (1) Contractor agrees that for purposes of copyright law, all works [as defined in Paragraph a, subparagraph (2)(a) of this provision] of authorship made by or on behalf of Contractor in connection with Contractor's performance of this Agreement shall be deemed "works made for hire". Contractor further agrees that the work of each person utilized by Contractor in connection with the performance of this Agreement will be a "work made for hire," whether that person is an employee of Contractor or that person has entered into an agreement with Contractor to perform the work. Contractor shall enter into a written agreement with any such person that: (i) all work performed for Contractor shall be deemed a "work made for hire" under the Copyright Act and (ii) that person shall assign all right, title, and interest to CDPH to any work product made, conceived, derived from, or reduced to practice by Contractor or CDPH and which result directly or indirectly from this Agreement.
- (2) All materials, including, but not limited to, visual works or text, reproduced or distributed pursuant to this Agreement that include Intellectual Property made, conceived, derived from, or reduced to practice by Contractor or CDPH and which result directly or indirectly from this Agreement, shall include CDPH's notice of copyright, which shall read in 3mm or larger typeface: "© [Enter Current Year e.g., 2007, etc.], Department of Public Health. This material may not be reproduced or disseminated without prior written permission from the Department of Public Health." This notice should be placed prominently on the materials and set apart from other matter on the page where it appears. Audio productions shall contain a similar audio notice of copyright.

d. Patent Rights

With respect to inventions made by Contractor in the performance of this Agreement, which did not result from research and development specifically included in the Agreement's scope of work, Contractor hereby grants to CDPH a license as described under Section b of this provision for devices or material incorporating, or made through the use of such inventions. If such inventions result from research and development work specifically included within the Agreement's scope of work, then Contractor agrees to assign to CDPH, without additional compensation, all its right, title and interest in and to such inventions and to assist CDPH in securing United States and foreign patents with respect thereto.

e. Third-Party Intellectual Property

Except as provided herein, Contractor agrees that its performance of this Agreement shall not be dependent upon or include any Intellectual Property of Contractor or third party without first: (i) obtaining

CDPH's prior written approval; and (ii) granting to or obtaining for CDPH, without additional compensation, a license, as described in Section b of this provision, for any of Contractor's or third-party's Intellectual Property in existence prior to the effective date of this Agreement. If such a license upon these terms is unattainable, and CDPH determines that the Intellectual Property should be included in or is required for Contractor's performance of this Agreement, Contractor shall obtain a license under terms acceptable to CDPH.

f. Warranties

(1) Contractor represents and warrants that:

- (a) It is free to enter into and fully perform this Agreement.
- (b) It has secured and will secure all rights and licenses necessary for its performance of this Agreement.
- (c) Neither Contractor's performance of this Agreement, nor the exercise by either Party of the rights granted in this Agreement, nor any use, reproduction, manufacture, sale, offer to sell, import, export, modification, public and private display/performance, distribution, and disposition of the Intellectual Property made, conceived, derived from, or reduced to practice by Contractor or CDPH and which result directly or indirectly from this Agreement will infringe upon or violate any Intellectual Property right, non-disclosure obligation, or other proprietary right or interest of any third-party or entity now existing under the laws of, or hereafter existing or issued by, any state, the United States, or any foreign country. There is currently no actual or threatened claim by any such third party based on an alleged violation of any such right by Contractor.
- (d) Neither Contractor's performance nor any part of its performance will violate the right of privacy of, or constitute a libel or slander against any person or entity.
- (e) It has secured and will secure all rights and licenses necessary for Intellectual Property including, but not limited to, consents, waivers or releases from all authors of music or performances used, and talent (radio, television and motion picture talent), owners of any interest in and to real estate, sites, locations, property or props that may be used or shown.
- (f) It has not granted and shall not grant to any person or entity any right that would or might derogate, encumber, or interfere with any of the rights granted to CDPH in this Agreement.
- (g) It has appropriate systems and controls in place to ensure that state funds will not be used in the performance of this Agreement for the acquisition, operation or maintenance of computer software in violation of copyright laws.
- (h) It has no knowledge of any outstanding claims, licenses or other charges, liens, or encumbrances of any kind or nature whatsoever that could affect in any way Contractor's performance of this Agreement.

(2) CDPH MAKES NO WARRANTY THAT THE INTELLECTUAL PROPERTY RESULTING FROM THIS AGREEMENT DOES NOT INFRINGE UPON ANY PATENT, TRADEMARK, COPYRIGHT OR THE LIKE, NOW EXISTING OR SUBSEQUENTLY ISSUED.

g. Intellectual Property Indemnity

- (1) Contractor shall indemnify, defend and hold harmless CDPH and its licensees and assignees, and its officers, directors, employees, agents, representatives, successors, and users of its products, ("Indemnitees") from and against all claims, actions, damages, losses, liabilities (or actions or proceedings with respect to any thereof), whether or not rightful, arising from any and all actions or claims by any third party or expenses related thereto (including, but not limited to, all legal expenses, court costs, and attorney's fees incurred in investigating, preparing, serving as a witness in, or defending against, any such claim, action, or proceeding, commenced or threatened) to which any of the Indemnitees may be subject, whether or not Contractor is a party to any pending or threatened litigation, which arise out of or are related to (i) the incorrectness or breach of any of the

representations, warranties, covenants or agreements of Contractor pertaining to Intellectual Property; or (ii) any Intellectual Property infringement, or any other type of actual or alleged infringement claim, arising out of CDPH's use, reproduction, manufacture, sale, offer to sell, distribution, import, export, modification, public and private performance/display, license, and disposition of the Intellectual Property made, conceived, derived from, or reduced to practice by Contractor or CDPH and which result directly or indirectly from this Agreement. This indemnity obligation shall apply irrespective of whether the infringement claim is based on a patent, trademark or copyright registration that issued after the effective date of this Agreement. CDPH reserves the right to participate in and/or control, at Contractor's expense, any such infringement action brought against CDPH.

- (2) Should any Intellectual Property licensed by the Contractor to CDPH under this Agreement become the subject of an Intellectual Property infringement claim, Contractor will exercise its authority reasonably and in good faith to preserve CDPH's right to use the licensed Intellectual Property in accordance with this Agreement at no expense to CDPH. CDPH shall have the right to monitor and appear through its own counsel (at Contractor's expense) in any such claim or action. In the defense or settlement of the claim, Contractor may obtain the right for CDPH to continue using the licensed Intellectual Property; or, replace or modify the licensed Intellectual Property so that the replaced or modified Intellectual Property becomes non-infringing provided that such replacement or modification is functionally equivalent to the original licensed Intellectual Property. If such remedies are not reasonably available, CDPH shall be entitled to a refund of all monies paid under this Agreement, without restriction or limitation of any other rights and remedies available at law or in equity.
- (3) Contractor agrees that damages alone would be inadequate to compensate CDPH for breach of any term of this Intellectual Property Exhibit by Contractor. Contractor acknowledges CDPH would suffer irreparable harm in the event of such breach and agrees CDPH shall be entitled to obtain equitable relief, including without limitation an injunction, from a court of competent jurisdiction, without restriction or limitation of any other rights and remedies available at law or in equity.

h. Federal Funding

In any agreement funded in whole or in part by the federal government, CDPH may acquire and maintain the Intellectual Property rights, title, and ownership, which results directly or indirectly from the Agreement; except as provided in 37 Code of Federal Regulations part 401.14; however, the federal government shall have a non-exclusive, nontransferable, irrevocable, paid-up license throughout the world to use, duplicate, or dispose of such Intellectual Property throughout the world in any manner for governmental purposes and to have and permit others to do so.

i. Survival

The provisions set forth herein shall survive any termination or expiration of this Agreement or any project schedule.

11. Air or Water Pollution Requirements

Any federally funded agreement and/or subcontract in excess of \$100,000 must comply with the following provisions unless said agreement is exempt under 40 CFR 15.5.

- a. Government contractors agree to comply with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act [42 U.S.C. 1857(h)], section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR part 15).
- b. Institutions of higher education, hospitals, nonprofit organizations and commercial businesses agree to comply with all applicable standards, orders, or requirements issued under the Clean Air Act (42 U.S.C. 7401 et seq.), as amended, and the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.), as amended.

12. Prior Approval of Training Seminars, Workshops or Conferences

Contractor shall obtain prior CDPH approval of the location, costs, dates, agenda, instructors, instructional

materials, and attendees at any reimbursable training seminar, workshop, or conference conducted pursuant to this Agreement and of any reimbursable publicity or educational materials to be made available for distribution. The Contractor shall acknowledge the support of the State whenever publicizing the work under this Agreement in any media. This provision does not apply to necessary staff meetings or training sessions held for the staff of the Contractor or Subcontractor to conduct routine business matters.

13. Confidentiality of Information

- a. The Contractor and its employees, agents, or subcontractors shall protect from unauthorized disclosure names and other identifying information concerning persons either receiving services pursuant to this Agreement or persons whose names or identifying information become available or are disclosed to the Contractor, its employees, agents, or subcontractors as a result of services performed under this Agreement, except for statistical information not identifying any such person.
- b. The Contractor and its employees, agents, or subcontractors shall not use such identifying information for any purpose other than carrying out the Contractor's obligations under this Agreement.
- c. The Contractor and its employees, agents, or subcontractors shall promptly transmit to the CDPH Program Contract Manager all requests for disclosure of such identifying information not emanating from the client or person.
- d. The Contractor shall not disclose, except as otherwise specifically permitted by this Agreement or authorized by the client, any such identifying information to anyone other than CDPH without prior written authorization from the CDPH Program Contract Manager, except if disclosure is required by State or Federal law.
- e. For purposes of this provision, identity shall include, but not be limited to name, identifying number, symbol, or other identifying particular assigned to the individual, such as finger or voice print or a photograph.
- f. As deemed applicable by CDPH, this provision may be supplemented by additional terms and conditions covering personal health information (PHI) or personal, sensitive, and/or confidential information (PSCI). Said terms and conditions will be outlined in one or more exhibits that will either be attached to this Agreement or incorporated into this Agreement by reference.

14. Documents, Publications and Written Reports

(Applicable to agreements over \$5,000 under which publications, written reports and documents are developed or produced. Government Code Section 7550.)

Any document, publication or written report (excluding progress reports, financial reports and normal contractual communications) prepared as a requirement of this Agreement shall contain, in a separate section preceding the main body of the document, the number and dollar amounts of all contracts or agreements and subcontracts relating to the preparation of such document or report, if the total cost for work by nonemployees of the State exceeds \$5,000.

15. Dispute Resolution Process

- a. A Contractor grievance exists whenever there is a dispute arising from CDPH's action in the administration of an agreement. If there is a dispute or grievance between the Contractor and CDPH, the Contractor must seek resolution using the procedure outlined below.
 - (1) The Contractor should first informally discuss the problem with the CDPH Program Contract Manager. If the problem cannot be resolved informally, the Contractor shall direct its grievance together with any evidence, in writing, to the program Branch Chief. The grievance shall state the issues in dispute, the legal authority or other basis for the Contractor's position and the remedy sought. The Branch Chief shall render a decision within ten (10) working days after receipt of the written grievance from the Contractor. The Branch Chief shall respond in writing to the Contractor indicating the decision and reasons therefore. If the Contractor disagrees with the Branch Chief's decision, the Contractor may appeal to the second level.

- (2) When appealing to the second level, the Contractor must prepare an appeal indicating the reasons for disagreement with Branch Chief's decision. The Contractor shall include with the appeal a copy of the Contractor's original statement of dispute along with any supporting evidence and a copy of the Branch Chief's decision. The appeal shall be addressed to the Deputy Director of the division in which the branch is organized within ten (10) working days from receipt of the Branch Chief's decision. The Deputy Director of the division in which the branch is organized or his/her designee shall meet with the Contractor to review the issues raised. A written decision signed by the Deputy Director of the division in which the branch is organized or his/her designee shall be directed to the Contractor within twenty (20) working days of receipt of the Contractor's second level appeal.
- b. If the Contractor wishes to appeal the decision of the Deputy Director of the division in which the branch is organized or his/her designee, the Contractor shall follow the procedures set forth in Division 25.1 (commencing with Section 38050) of the Health and Safety Code and the regulations adopted thereunder. (Title 1, Subchapter 2.5, commencing with Section 251, California Code of Regulations.)
- c. Disputes arising out of an audit, examination of an agreement or other action not covered by subdivision (a) of Section 20204, of Chapter 2.1, Title 22, of the California Code of Regulations, and for which no procedures for appeal are provided in statute, regulation or the Agreement, shall be handled in accordance with the procedures identified in Sections 51016 through 51047, Title 22, California Code of Regulations.
- d. Unless otherwise stipulated in writing by CDPH, all dispute, grievance and/or appeal correspondence shall be directed to the CDPH Program Contract Manager.
- e. There are organizational differences within CDPH's funding programs and the management levels identified in this dispute resolution provision may not apply in every contractual situation. When a grievance is received and organizational differences exist, the Contractor shall be notified in writing by the CDPH Program Contract Manager of the level, name, and/or title of the appropriate management official that is responsible for issuing a decision at a given level.

16. Financial and Compliance Audit Requirements

- a. The definitions used in this provision are contained in Section 38040 of the Health and Safety Code, which by this reference is made a part hereof.
- b. Direct service contract means a contract or agreement for services contained in local assistance or subvention programs or both (see Health and Safety [H&S] Code section 38020). Direct service contracts shall not include contracts, agreements, grants, or subventions to other governmental agencies or units of government nor contracts or agreements with regional centers or area agencies on aging (H&S Code section 38030).
- c. The Contractor, as indicated below, agrees to obtain one of the following audits:
- (1) If the Contractor is a nonprofit organization (as defined in H&S Code section 38040) and receives \$25,000 or more from any State agency under a direct service contract or agreement; the Contractor agrees to obtain an annual single, organization wide, financial and compliance audit. Said audit shall be conducted according to Generally Accepted Auditing Standards. This audit does not fulfill the audit requirements of Paragraph c(3) below. The audit shall be completed by the 15th day of the fifth month following the end of the Contractor's fiscal year, **and/or**
- (2) If the Contractor is a nonprofit organization (as defined in H&S Code section 38040) and receives less than \$25,000 per year from any State agency under a direct service contract or agreement, the Contractor agrees to obtain a biennial single, organization wide financial and compliance audit, unless there is evidence of fraud or other violation of state law in connection with this Agreement. This audit does not fulfill the audit requirements of Paragraph c(3) below. The audit shall be completed by the 15th day of the fifth month following the end of the Contractor's fiscal year, **and/or**
- (3) If the Contractor is a State or Local Government entity or Nonprofit organization (as defined by the Federal Office of Management and Budget [OMB] Circular A-133) and expends \$500,000 or more in

Federal awards, the Contractor agrees to obtain an annual single, organization wide, financial and compliance audit according to the requirements specified in OMB Circular A-133 entitled "Audits of States, Local Governments, and Non-Profit Organizations". An audit conducted pursuant to this provision will fulfill the audit requirements outlined in Paragraphs c(1) and c(2) above. The audit shall be completed by the end of the ninth month following the end of the audit period. The requirements of this provision apply if:

- (a) The Contractor is a recipient expending Federal awards received directly from Federal awarding agencies, or
 - (b) The Contractor is a subrecipient expending Federal awards received from a pass-through entity such as the State, County or community based organization.
- (4) If the Contractor submits to CDPH a report of an audit other than an OMB A-133 audit, the Contractor must also submit a certification indicating the Contractor has not expended \$500,000 or more in federal funds for the year covered by the audit report.
- d. Two copies of the audit report shall be delivered to the CDPH program funding this Agreement. The audit report must identify the Contractor's legal name and the number assigned to this Agreement. The audit report shall be due within 30 days after the completion of the audit. Upon receipt of said audit report, the CDPH Program Contract Manager shall forward the audit report to CDPH's Audits and Investigations Unit if the audit report was submitted under Section 16.c(3), unless the audit report is from a City, County, or Special District within the State of California whereby the report will be retained by the funding program.
 - e. The cost of the audits described herein may be included in the funding for this Agreement up to the proportionate amount this Agreement represents of the Contractor's total revenue. The CDPH program funding this Agreement must provide advance written approval of the specific amount allowed for said audit expenses.
 - f. The State or its authorized designee, including the Bureau of State Audits, is responsible for conducting agreement performance audits which are not financial and compliance audits. Performance audits are defined by Generally Accepted Government Auditing Standards.
 - g. Nothing in this Agreement limits the State's responsibility or authority to enforce State law or regulations, procedures, or reporting requirements arising thereto.
 - h. Nothing in this provision limits the authority of the State to make audits of this Agreement, provided however, that if independent audits arranged for by the Contractor meet Generally Accepted Governmental Auditing Standards, the State shall rely on those audits and any additional audit work and shall build upon the work already done.
 - i. The State may, at its option, direct its own auditors to perform either of the audits described above. The Contractor will be given advance written notification, if the State chooses to exercise its option to perform said audits.
 - j. The Contractor shall include a clause in any agreement the Contractor enters into with the audit firm doing the single organization wide audit to provide access by the State or Federal Government to the working papers of the independent auditor who prepares the single organization wide audit for the Contractor.
 - k. Federal or state auditors shall have "expanded scope auditing" authority to conduct specific program audits during the same period in which a single organization wide audit is being performed, but the audit report has not been issued. The federal or state auditors shall review and have access to the current audit work being conducted and will not apply any testing or review procedures which have not been satisfied by previous audit work that has been completed.

The term "expanded scope auditing" is applied and defined in the U.S. General Accounting Office (GAO) issued Standards for *Audit of Government Organizations, Programs, Activities and Functions*, better known as the "yellow book".

17. Human Subjects Use Requirements

(Applicable only to federally funded agreements/grants in which performance, directly or through a subcontract/subaward, includes any tests or examination of materials derived from the human body.)

By signing this Agreement, Contractor agrees that if any performance under this Agreement or any subcontract or subagreement includes any tests or examination of materials derived from the human body for the purpose of providing information, diagnosis, prevention, treatment or assessment of disease, impairment, or health of a human being, all locations at which such examinations are performed shall meet the requirements of 42 U.S.C. Section 263a (CLIA) and the regulations thereunder.

18. Novation Requirements

If the Contractor proposes any novation agreement, CDPH shall act upon the proposal within 60 days after receipt of the written proposal. CDPH may review and consider the proposal, consult and negotiate with the Contractor, and accept or reject all or part of the proposal. Acceptance or rejection of the proposal may be made orally within the 60-day period and confirmed in writing within five days of said decision. Upon written acceptance of the proposal, CDPH will initiate an amendment to this Agreement to formally implement the approved proposal.

19. Debarment and Suspension Certification

(Applicable to all agreements funded in part or whole with federal funds.)

- a. By signing this Agreement, the Contractor/Grantee agrees to comply with applicable federal suspension and debarment regulations including, but not limited to 7 CFR Part 3017, 45 CFR 76, 40 CFR 32 or 34 CFR 85.
- b. By signing this Agreement, the Contractor certifies to the best of its knowledge and belief, that it and its principals:
 - (1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any federal department or agency;
 - (2) Have not within a three-year period preceding this application/proposal/agreement been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in Paragraph b(2) herein; and
 - (4) Have not within a three-year period preceding this application/proposal/agreement had one or more public transactions (Federal, State or local) terminated for cause or default.
 - (5) Shall not knowingly enter into any lower tier covered transaction with a person who is proposed for debarment under federal regulations (i.e., 48 CFR part 9, subpart 9.4), debarred, suspended, declared ineligible, or voluntarily excluded from participation in such transaction, unless authorized by the State.
 - (6) Will include a clause entitled, "Debarment and Suspension Certification" that essentially sets forth the provisions herein, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
- c. If the Contractor is unable to certify to any of the statements in this certification, the Contractor shall submit an explanation to the CDPH Program Contract Manager.

- d. The terms and definitions herein have the meanings set out in the Definitions and Coverage sections of the rules implementing Federal Executive Order 12549.
- e. If the Contractor knowingly violates this certification, in addition to other remedies available to the Federal Government, the CDPH may terminate this Agreement for cause or default.

20. Smoke-Free Workplace Certification

(Applicable to federally funded agreements/grants and subcontracts/subawards, that provide health, day care, early childhood development services, education or library services to children under 18 directly or through local governments.)

- a. Public Law 103-227, also known as the Pro-Children Act of 1994 (Act), requires that smoking not be permitted in any portion of any indoor facility owned or leased or contracted for by an entity and used routinely or regularly for the provision of health, day care, early childhood development services, education or library services to children under the age of 18, if the services are funded by federal programs either directly or through state or local governments, by federal grant, contract, loan, or loan guarantee. The law also applies to children's services that are provided in indoor facilities that are constructed, operated, or maintained with such federal funds. The law does not apply to children's services provided in private residences; portions of facilities used for inpatient drug or alcohol treatment; service providers whose sole source of applicable federal funds is Medicare or Medicaid; or facilities where WIC coupons are redeemed.
- b. Failure to comply with the provisions of the law may result in the imposition of a civil monetary penalty of up to \$1,000 for each violation and/or the imposition of an administrative compliance order on the responsible party.
- c. By signing this Agreement, Contractor or Grantee certifies that it will comply with the requirements of the Act and will not allow smoking within any portion of any indoor facility used for the provision of services for children as defined by the Act. The prohibitions herein are effective December 26, 1994.
- d. Contractor or Grantee further agrees that it will insert this certification into any subawards (subcontracts or subgrants) entered into that provide for children's services as described in the Act.

21. Covenant Against Contingent Fees

(Applicable only to federally funded agreements.)

The Contractor warrants that no person or selling agency has been employed or retained to solicit/secure this Agreement upon an agreement of understanding for a commission, percentage, brokerage, or contingent fee, except *bona fide* employees or *bona fide* established commercial or selling agencies retained by the Contractor for the purpose of securing business. For breach or violation of this warranty, CDPH shall have the right to annul this Agreement without liability or in its discretion to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such commission, percentage, and brokerage or contingent fee.

22. Payment Withholds

(Applicable only if a final report is required by this Agreement. Not applicable to government entities.)

Unless waived or otherwise stipulated in this Agreement, CDPH may, at its discretion, withhold 10 percent (10%) of the face amount of the Agreement, 50 percent (50%) of the final invoice, or \$3,000 whichever is greater, until CDPH receives a final report that meets the terms, conditions and/or scope of work requirements of this Agreement.

23. Performance Evaluation

(Not applicable to grant agreements.)

CDPH may, at its discretion, evaluate the performance of the Contractor at the conclusion of this Agreement.

If performance is evaluated, the evaluation shall not be a public record and shall remain on file with CDPH. Negative performance evaluations may be considered by CDPH prior to making future contract awards.

24. Officials Not to Benefit

No members of or delegate of Congress or the State Legislature shall be admitted to any share or part of this Agreement, or to any benefit that may arise therefrom. This provision shall not be construed to extend to this Agreement if made with a corporation for its general benefits.

25. Four-Digit Date Compliance

(Applicable to agreements in which Information Technology (IT) services are provided to CDPH or if IT equipment is procured.)

Contractor warrants that it will provide only Four-Digit Date Compliant (as defined below) Deliverables and/or services to the State. "Four Digit Date compliant" Deliverables and services can accurately process, calculate, compare, and sequence date data, including without limitation date data arising out of or relating to leap years and changes in centuries. This warranty and representation is subject to the warranty terms and conditions of this Contract and does not limit the generality of warranty obligations set forth elsewhere herein.

26. Prohibited Use of State Funds for Software

(Applicable to agreements in which computer software is used in performance of the work.)

Contractor certifies that it has appropriate systems and controls in place to ensure that state funds will not be used in the performance of this Agreement for the acquisition, operation or maintenance of computer software in violation of copyright laws.

27. Use of Small, Minority Owned and Women's Businesses

(Applicable to that portion of an agreement that is federally funded and entered into with institutions of higher education, hospitals, nonprofit organizations or commercial businesses.)

Positive efforts shall be made to use small businesses, minority-owned firms and women's business enterprises, whenever possible (i.e., procurement of goods and/or services). Contractors shall take all of the following steps to further this goal.

- (1) Ensure that small businesses, minority-owned firms, and women's business enterprises are used to the fullest extent practicable.
- (2) Make information on forthcoming purchasing and contracting opportunities available and arrange time frames for purchases and contracts to encourage and facilitate participation by small businesses, minority-owned firms, and women's business enterprises.
- (3) Consider in the contract process whether firms competing for larger contracts intend to subcontract with small businesses, minority-owned firms, and women's business enterprises.
- (4) Encourage contracting with consortiums of small businesses, minority-owned firms and women's business enterprises when a contract is too large for one of these firms to handle individually.
- (5) Use the services and assistance, as appropriate, of such organizations as the Federal Small Business Administration and the U.S. Department of Commerce's Minority Business Development Agency in the solicitation and utilization of small businesses, minority-owned firms and women's business enterprises.

28. Alien Ineligibility Certification

(Applicable to sole proprietors entering federally funded agreements.)

By signing this Agreement, the Contractor certifies that he/she is not an alien that is ineligible for state and local benefits, as defined in Subtitle B of the Personal Responsibility and Work Opportunity Act. (8 U.S.C. 1601, et seq.)

29. Union Organizing

(Applicable only to grant agreements.)

Grantee, by signing this Agreement, hereby acknowledges the applicability of Government Code Sections 16645 through 16649 to this Agreement. Furthermore, Grantee, by signing this Agreement, hereby certifies that:

- a. No state funds disbursed by this grant will be used to assist, promote or deter union organizing.
- b. Grantee shall account for state funds disbursed for a specific expenditure by this grant, to show those funds were allocated to that expenditure.
- c. Grantee shall, where state funds are not designated as described in b herein, allocate, on a pro-rata basis, all disbursements that support the grant program.
- d. If Grantee makes expenditures to assist, promote or deter union organizing, Grantee will maintain records sufficient to show that no state funds were used for those expenditures, and that Grantee shall provide those records to the Attorney General upon request.

30. Contract Uniformity (Fringe Benefit Allowability)

(Applicable only to nonprofit organizations.)

Pursuant to the provisions of Article 7 (commencing with Section 100525) of Chapter 3 of Part 1 of Division 101 of the Health and Safety Code, CDPH sets forth the following policies, procedures, and guidelines regarding the reimbursement of fringe benefits.

- a. As used herein fringe benefits shall mean an employment benefit given by one's employer to an employee in addition to one's regular or normal wages or salary.
- b. As used herein, fringe benefits do not include:
 - (1) Compensation for personal services paid currently or accrued by the Contractor for services of employees rendered during the term of this Agreement, which is identified as regular or normal salaries and wages, annual leave, vacation, sick leave, holidays, jury duty and/or military leave/training.
 - (2) Director's and executive committee member's fees.
 - (3) Incentive awards and/or bonus incentive pay.
 - (4) Allowances for off-site pay.
 - (5) Location allowances.
 - (6) Hardship pay.
 - (7) Cost-of-living differentials
- c. Specific allowable fringe benefits include:
 - (1) Fringe benefits in the form of employer contributions for the employer's portion of payroll taxes (i.e., FICA, SUI, SDI), employee health plans (i.e., health, dental and vision), unemployment insurance, worker's compensation insurance, and the employer's share of pension/retirement plans, provided they are granted in accordance with established written organization policies and meet all legal and Internal Revenue Service requirements.
- d. To be an allowable fringe benefit, the cost must meet the following criteria:
 - (1) Be necessary and reasonable for the performance of the Agreement.
 - (2) Be determined in accordance with generally accepted accounting principles.

- (3) Be consistent with policies that apply uniformly to all activities of the Contractor.
- e. Contractor agrees that all fringe benefits shall be at actual cost.
- f. Earned/Accrued Compensation
- (1) Compensation for vacation, sick leave and holidays is limited to that amount earned/accrued within the agreement term. Unused vacation, sick leave and holidays earned from periods prior to the agreement term cannot be claimed as allowable costs. See Provision f (3)(a) for an example.
- (2) For multiple year agreements, vacation and sick leave compensation, which is earned/accrued but not paid, due to employee(s) not taking time off may be carried over and claimed within the overall term of the multiple years of the Agreement. Holidays cannot be carried over from one agreement year to the next. See Provision f (3)(b) for an example.
- (3) For single year agreements, vacation, sick leave and holiday compensation that is earned/accrued but not paid, due to employee(s) not taking time off within the term of the Agreement, cannot be claimed as an allowable cost. See Provision f (3)(c) for an example.

(a) **Example No. 1:**

If an employee, John Doe, earns/accrues three weeks of vacation and twelve days of sick leave each year, then that is the maximum amount that may be claimed during a one year agreement. If John Doe has five weeks of vacation and eighteen days of sick leave at the beginning of an agreement, the Contractor during a one-year budget period may only claim up to three weeks of vacation and twelve days of sick leave as actually used by the employee. Amounts earned/accrued in periods prior to the beginning of the Agreement are not an allowable cost.

(b) **Example No. 2:**

If during a three-year (multiple year) agreement, John Doe does not use his three weeks of vacation in year one, or his three weeks in year two, but he does actually use nine weeks in year three; the Contractor would be allowed to claim all nine weeks paid for in year three. The total compensation over the three-year period cannot exceed 156 weeks (3 x 52 weeks).

(c) **Example No. 3:**

If during a single year agreement, John Doe works fifty weeks and used one week of vacation and one week of sick leave and all fifty-two weeks have been billed to CDPH, the remaining unused two weeks of vacation and seven days of sick leave may not be claimed as an allowable cost.

31. Lobbying Restrictions and Disclosure Certification

(Applicable to federally funded agreements in excess of \$100,000 per Section 1352 of the 31, U.S.C.)

a. Certification and Disclosure Requirements

- (1) Each person (or recipient) who requests or receives a contract or agreement, subcontract, grant, or subgrant, which is subject to Section 1352 of the 31, U.S.C., and which exceeds \$100,000 at any tier, shall file a certification (in the form set forth in Attachment 1, consisting of one page, entitled "Certification Regarding Lobbying") that the recipient has not made, and will not make, any payment prohibited by Paragraph b of this provision.
- (2) Each recipient shall file a disclosure (in the form set forth in Attachment 2, entitled "Standard Form-LLL 'disclosure of Lobbying Activities'") if such recipient has made or has agreed to make any payment using nonappropriated funds (to include profits from any covered federal action) in connection with a contract, or grant or any extension or amendment of that contract, or grant, which would be prohibited under Paragraph b of this provision if paid for with appropriated funds.

- (3) Each recipient shall file a disclosure form at the end of each calendar quarter in which there occurs any event that requires disclosure or that materially affect the accuracy of the information contained in any disclosure form previously filed by such person under Paragraph a(2) herein. An event that materially affects the accuracy of the information reported includes:
 - (a) A cumulative increase of \$25,000 or more in the amount paid or expected to be paid for influencing or attempting to influence a covered federal action;
 - (b) A change in the person(s) or individuals(s) influencing or attempting to influence a covered federal action; or
 - (c) A change in the officer(s), employee(s), or member(s) contacted for the purpose of influencing or attempting to influence a covered federal action.
- (4) Each person (or recipient) who requests or receives from a person referred to in Paragraph a(1) of this provision a contract or agreement, subcontract, grant or subgrant exceeding \$100,000 at any tier under a contract or agreement, or grant shall file a certification, and a disclosure form, if required, to the next tier above.
- (5) All disclosure forms (but not certifications) shall be forwarded from tier to tier until received by the person referred to in Paragraph a(1) of this provision. That person shall forward all disclosure forms to CDPH Program Contract Manager.

b. Prohibition

Section 1352 of Title 31, U.S.C., provides in part that no appropriated funds may be expended by the recipient of a federal contract or agreement, grant, loan, or cooperative agreement to pay any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with any of the following covered federal actions: the awarding of any federal contract or agreement, the making of any federal grant, the making of any federal loan, entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract or agreement, grant, loan, or cooperative agreement.

STATE OF CALIFORNIA
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH
CERTIFICATION REGARDING LOBBYING

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the making, awarding or entering into of this Federal contract, Federal grant, or cooperative agreement, and the extension, continuation, renewal, amendment, or modification of this Federal contract, grant, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency of the United States Government, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, or cooperative agreement, the undersigned shall complete and submit Standard Form LLL, "Disclosure of Lobbying Activities" in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontractors, subgrants, and contracts under grants and cooperative agreements) of \$100,000 or more, and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S.C., any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

<hr/>	
<hr/>	<hr/>
Name of Contractor	Printed Name of Person Signing for Contractor
<hr/>	<hr/>
Contract / Grant Number	Signature of Person Signing for Contractor
<hr/>	<hr/>
Date	Title

After execution by or on behalf of Contractor, please return to:

California Department of Public Health

CDPH reserves the right to notify the contractor in writing of an alternate submission address.

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow-up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.
(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

Exhibit E
Additional Provisions

1. Additional Incorporated Exhibits

A. The following additional exhibits are attached, incorporated herein, and made a part hereof by this reference:

1) Exhibit F	Contractor's Release	1 page
2) Exhibit G	Travel Reimbursement Information	2 pages
3) Exhibit H	Information Systems Security Requirements for Projects (ISO/SR1)	24 pages

B. The following documents and any subsequent updates are not attached, but are incorporated herein and made a part hereof by this reference. These documents may be updated periodically by CDPH, as required by program directives. CDPH shall provide the Contractor with copies of said documents and any periodic updates thereto under separate cover. CDPH will maintain on file, all documents referenced herein and any subsequent updates.

- 1) Immunization Assessment of Child Care and Kindergarten Enrollees and Review of Child Care Centers and Kindergarten Schools, developed by CDPH Immunization Branch, 2004.
- 2) Vaccine Adverse Events Reporting System, developed by the Centers for Disease Control and Prevention.

2. Cancellation / Termination

- A. This agreement may be cancelled by CDPH **without cause** upon 30 calendar days advance written notice to the Contractor.
- B. CDPH reserves the right to cancel or terminate this agreement immediately for cause. The Contractor may submit a written request to terminate this agreement only if CDPH substantially fails to perform its responsibilities as provided herein.
- C. The term "for cause" shall mean that the Contractor fails to meet the terms, conditions, and/or responsibilities of this agreement.
- D. Agreement termination or cancellation shall be effective as of the date indicated in CDPH's notification to the Contractor. The notice shall stipulate any final performance, invoicing or payment requirements.
- E. Upon receipt of a notice of termination or cancellation, the Contractor shall take immediate steps to stop performance and to cancel or reduce subsequent agreement costs.
- F. In the event of early termination or cancellation, the Contractor shall be entitled to compensation for services performed satisfactorily under this agreement and expenses incurred up to the date of cancellation and any non-cancelable obligations incurred in support of this agreement.

Exhibit E
Additional Provisions

3. Freeze Exemptions

(Applicable only to local government agencies.)

- A. Contractor agrees that any hiring freeze adopted during the term of this contract shall not be applied to the positions funded, in whole or part, by this contract.
- B. Contractor agrees not to implement any personnel policy, which may adversely affect performance or the positions funded, in whole or part, by this contract.
- C. Contractor agrees that any travel freeze or travel limitation policy adopted during the term of this contract shall not restrict travel funded, in whole or part, by this contract.
- D. Contractor agrees that any purchasing freeze or purchase limitation policy adopted during the term of this contract shall not restrict or limit purchases funded, in whole or part, by this contract.

Contractor's Release

Instructions to Contractor:

With final invoice(s) submit one (1) original and one (1) copy. The original must bear the original signature of a person authorized to bind the Contractor. The additional copy may bear photocopied signatures.

Submission of Final Invoice

Pursuant to contract number 10-95393 entered into between the State of California Department of Public Health (CDPH) and the Contractor (identified below), the Contractor does acknowledge that final payment has been requested via invoice number(s) _____, in the amount(s) of \$ _____ and dated _____. If necessary, enter "See Attached" in the appropriate blocks and attach a list of invoice numbers, dollar amounts and invoice dates.

Release of all Obligations

By signing this form, and upon receipt of the amount specified in the invoice number(s) referenced above, the Contractor does hereby release and discharge the State, its officers, agents and employees of and from any and all liabilities, obligations, claims, and demands whatsoever arising from the above referenced contract.

Repayments Due to Audit Exceptions / Record Retention

By signing this form, Contractor acknowledges that expenses authorized for reimbursement does not guarantee final allowability of said expenses. Contractor agrees that the amount of any sustained audit exceptions resulting from any subsequent audit made after final payment will be refunded to the State.

All expense and accounting records related to the above referenced contract must be maintained for audit purposes for no less than three years beyond the date of final payment, unless a longer term is stated in said contract.

Recycled Product Use Certification

By signing this form, Contractor certifies under penalty of perjury that a minimum of 0% unless otherwise specified in writing of post consumer material, as defined in the Public Contract Code Section 12200, in products, materials, goods, or supplies offered or sold to the State regardless of whether it meets the requirements of Public Contract Code Section 12209. Contractor specifies that printer or duplication cartridges offered or sold to the State comply with the requirements of Section 12156(e).

Reminder to Return State Equipment/Property (If Applicable)

(Applies only if equipment was provided by CDPH or purchased with or reimbursed by contract funds)

Unless CDPH has approved the continued use and possession of State equipment (as defined in the above referenced contract) for use in connection with another CDPH agreement, Contractor agrees to promptly initiate arrangements to account for and return said equipment to CDPH, at CDPH's expense, if said equipment has not passed its useful life expectancy as defined in the above referenced contract.

Patents / Other Issues

By signing this form, Contractor further agrees, in connection with patent matters and with any claims that are not specifically released as set forth above, that it will comply with all of the provisions contained in the above referenced contract, including, but not limited to, those provisions relating to notification to the State and related to the defense or prosecution of litigation.

ONLY SIGN AND DATE THIS DOCUMENT WHEN ATTACHING TO THE FINAL INVOICE

Contractor's Legal Name (as on contract): County of Riverside

Signature of Contractor or Official Designee: _____ Date: _____

Printed Name/Title of Person Signing: _____

Travel Reimbursement Information
(Mileage Reimbursement Decrease Effective 1/1/10)

1. The following rate policy is to be applied for reimbursing the travel expenses of persons under contract. The terms "contract" and/or "subcontract" have the same meaning as "grantee" and/or "subgrantee" where applicable.
 - a. Reimbursement for travel and/or per diem shall be at the rates established for nonrepresented/excluded state employees. Exceptions to Department of Personnel Administration (DPA) lodging rates may be approved by the California Department of Public Health (CDPH) upon the receipt of a statement on/with an invoice indicating that such rates are not available.
 - b. Short Term Travel is defined as a 24-hour period, and less than 31 consecutive days, and is at least 50 miles from the main office, headquarters or primary residence. Starting time is whenever a contract or subcontract employee leaves his or her home or headquarters. "Headquarters" is defined as the place where the contracted personnel spends the largest portion of their working time and returns to upon the completion of assignments. Headquarters may be individually established for each traveler and approved verbally or in writing by the program funding the agreement. Verbal approval shall be followed up in writing or email.
 - c. Contractors on travel status for more than one 24-hour period and less than 31 consecutive days may claim a fractional part of a period of more than 24 hours. Consult the chart appearing on Page 2 of this exhibit to determine the reimbursement allowance. All lodging reimbursement claims must be supported by a receipt*. If a contractor does not or cannot present receipts, lodging expenses will not be reimbursed.

(1) Lodging (with receipts*):

Travel Location / Area	Reimbursement Rate
Statewide (excluding the counties identified below)	\$ 84.00 plus tax
Counties of Los Angeles and San Diego	\$110.00 plus tax
Counties of Alameda, San Francisco, San Mateo, and Santa Clara	\$140.00 plus tax

Reimbursement for actual lodging expenses that exceed the above amounts may be allowed with the advance approval of the Deputy Director of the California Department of Public Health (CDPH) or his or her designee. Receipts are required.

*Receipts from Internet lodging reservation services such as Priceline.com which require prepayment for that service, ARE NOT ACCEPTABLE LODGING RECEIPTS and are not reimbursable without a valid lodging receipt from a lodging establishment.

- (2) Meal/Supplemental Expenses (with or without receipts): With receipts, the contractor will be reimbursed actual amounts spent up to the maximum for each full 24-hour period of travel.

Meal / Expense	Reimbursement Rate
Breakfast	\$ 6.00
Lunch	\$ 10.00
Dinner	\$ 18.00
Incidental expenses	\$ 6.00

- d. Out-of-state travel may only be reimbursed if such travel is necessitated by the scope or statement of work and has been approved in advance by the program with which the contract is held. For out-of-state travel, contractors may be reimbursed actual lodging expenses, supported by a receipt, and may be reimbursed for meals and supplemental expenses for each 24-hour period computed at the rates listed in c. (2) above. For all out-of-state travel, contractors/subcontractors must have prior CDPH written or verbal approval. Verbal approval shall be confirmed in writing (email or memo).
- e. In computing allowances for continuous periods of travel of less than 24 hours, consult the chart appearing on Page 2 of this exhibit.
- f. No meal or lodging expenses will be reimbursed for any period of travel that occurs within normal working hours, unless expenses are incurred at least 50 miles from headquarters.

- If any of the reimbursement rates stated herein is changed by DPA, no formal contract amendment will be required to incorporate the new rates. However, CDPH shall inform the contractor, in writing, of the revised travel reimbursement rates and the applicable effective date of any rate change.

At CDPH's discretion, changes or revisions made by CDPH to this exhibit, excluding travel reimbursement policies established by DPA may be applied retroactively to any agreement to which a Travel Reimbursement Information exhibit is attached, incorporated by reference, or applied by CDPH program policy. Changes to the travel reimbursement rates stated herein may not be applied earlier than the date a rate change is approved by DPA.

- For transportation expenses, the contractor must retain receipts for parking; taxi, airline, bus, or rail tickets; car rental; or any other travel receipts pertaining to each trip for attachment to an invoice as substantiation for reimbursement. Reimbursement may be requested for commercial carrier fares; private car mileage; parking fees; bridge tolls; taxi, bus, or streetcar fares; and auto rental fees when substantiated by a receipt.
- Note on use of autos:** If a contractor uses his/her or a company car for transportation, the rate of reimbursement will be **50 cents** maximum per mile. If a contractor uses his/her or a company car "in lieu of" airfare, the air coach fare will be the maximum paid by the State. The contractor must provide a cost comparison upon request by the State. Gasoline and routine automobile repair expenses are not reimbursable.
- The contractor is required to furnish details surrounding each period of travel. Travel expense reimbursement detail may include, but not be limited to: purpose of travel, departure and return times, destination points, miles driven, mode of transportation, etc. Reimbursement for travel expenses may be withheld pending receipt of adequate travel documentation.
- Contractors are to consult with the program with which the contract is held to obtain specific invoicing procedures.

Per Diem Reimbursement Guide

Length of travel period	This condition exists...	Allowable Meal(s)
Less than 24 hours	Trip begins at or before 6 a.m. and ends at or after 9 a.m.	Breakfast may be claimed.
Less than 24 hours	Trip begins at or before 4 p.m. and ends at or after 7 p.m.	Dinner may be claimed.
<i>Contractor may not claim lunch or incidentals on one-day trips. When trips are less than 24 hours and there's no overnight stay, meals claimed are taxable.</i>		
24 hours	Trip begins at or before 6 a.m.	Breakfast may be claimed.
24 hours	Trip begins at or before 11 a.m.	Lunch may be claimed.
24 hours	Trip begins at or before 5 p.m.	Dinner may be claimed.
More than 24 hours	Trip ends at or after 8 a.m.	Breakfast may be claimed.
More than 24 hours	Trip ends at or after 2 p.m.	Lunch may be claimed.
More than 24 hours	Trip ends at or after 7 p.m.	Dinner may be claimed.
<i>Contractor may not claim meals provided by the State, meals included in hotel expenses or conference fees, meals included in transportation costs such as airline tickets, or meals that are otherwise provided. Snacks and continental breakfasts such as rolls, juice, and coffee are not considered to be meals.</i>		



INFORMATION SECURITY OFFICE

Information Systems Security Requirements for Projects (ISO/SR1)

Version 3.9

October 2008



INFORMATION SECURITY OFFICE

Information Systems Security Requirements for Projects (ISO/SR1)

Version 3.9

October 2008

Revision History

Doc No. / Rev No.	Revision Date	Revised By	Description of Revision / Change
S19 / R1.5	1/10/2007	A. Lancashire CDHS	Reformatting changes
SR1 / R1.0	9/12/2007	M. Serapio DHCS, B. Kelsey CDPH	Updated to address new best practices (previous version had dependencies to best practices from pre-SOA), fill existing regulatory gaps, remove vendor dependencies, reword language to make applicable to COTS/MOTS applications, and re-designated document number and name.
SR1/v1.5	9/14/2007	I. Sanford DHCS	Various grammatical and definition changes. Clarification of terms and responsibilities.
SR1/v2.0	9/21/2007	I. Sanford DHCS	Post team review updates
SR1/v2.1	10/17/2007	J. Cleveland CDPH	2 nd team review comments/changes
SR1/v2.2	10/21/2007	J. Cleveland CDPH	Added Admin User ID and password section from Ian Sanford and Data Query section from Brett Kelsey.
SR1/v2.3	10/22/2007	J. Cleveland CDPH	Modifications to Admin User ID and password section and Data Query section.
SR1/v3.0	10/25/2007	J. Cleveland CDPH	Minor grammatical changes, removal of dynamic web links, and added COTS language in C.8.
SR1/v3.5	10/26/2007	J. Cleveland CDPH	Addition of Sections A.13, A.14, B.12, B.13, B.14, B.15, and B.16 for the purpose of covering Privacy, when used in conjunction with BAAs.
SR1/v3.6	12/24/2007	J. Cleveland CDPH	Edits based on feedback from project management personnel.
SR1/v3.7	1/03/2008	J. Cleveland CDPH	Edits based on final review of ISO office.
SR1/v3.8	06/01/2008	E. Lemke CDPH	Minor grammatical changes and minor format changes.
SR1/v3.9	10/31/2008	A. Begliomini CDPH	Added Privileged Account Management and Service Account Management sections. Address Project Security Approvals, Applications Security Approvals, and System Roles and Relationships sections from Scott Wright. Added minimum password age in password policy. Minor format changes. Added table of contents.

TABLE OF CONTENTS

I.	PURPOSE.....	5
II.	SCOPE OF REQUIREMENTS.....	5
III.	CONTACT.....	6
IV.	INFORMATION SYSTEMS SECURITY REQUIREMENTS.....	7
A.	ADMINISTRATIVE / MANAGEMENT SAFEGUARDS.....	7
1.	<i>Workforce Confidentiality Statement.....</i>	<i>7</i>
2.	<i>Access Authorization.....</i>	<i>7</i>
3.	<i>Access Authorization Maintenance.....</i>	<i>7</i>
4.	<i>Information System Activity Review.....</i>	<i>7</i>
5.	<i>Periodic System Security Review.....</i>	<i>7</i>
6.	<i>Periodic System Log Review.....</i>	<i>7</i>
7.	<i>Business Impact Analysis.....</i>	<i>8</i>
8.	<i>Change Control.....</i>	<i>8</i>
9.	<i>Incident Response.....</i>	<i>8</i>
10.	<i>Disaster Recovery.....</i>	<i>8</i>
11.	<i>Emergency Mode Operation Plan.....</i>	<i>8</i>
12.	<i>Periodic System Recovery Testing.....</i>	<i>9</i>
13.	<i>Supervision of Data.....</i>	<i>9</i>
14.	<i>Escorting Visitors.....</i>	<i>9</i>
B.	TECHNICAL AND OPERATIONAL SAFEGUARDS.....	10
1.	<i>System Security Compliance.....</i>	<i>10</i>
2.	<i>Virus Protection.....</i>	<i>10</i>
3.	<i>Patch Management.....</i>	<i>10</i>
4.	<i>Encrypted Electronic Transmissions.....</i>	<i>10</i>
5.	<i>Encrypted Data Storage.....</i>	<i>10</i>
6.	<i>Workstation / Laptop Encryption.....</i>	<i>10</i>
7.	<i>Removable Media Encryption.....</i>	<i>11</i>
8.	<i>Secure Connectivity.....</i>	<i>11</i>
9.	<i>Intrusion Detection and Prevention.....</i>	<i>11</i>
10.	<i>Minimum Data Downloads.....</i>	<i>11</i>
11.	<i>Data Destruction.....</i>	<i>11</i>
12.	<i>Confidential Destruction.....</i>	<i>11</i>
13.	<i>Removal of Data.....</i>	<i>11</i>
14.	<i>Faxing of Confidential Information.....</i>	<i>12</i>
15.	<i>Mailing of Confidential Information.....</i>	<i>12</i>
C.	SOLUTION ARCHITECTURE.....	13
1.	<i>System Security Compliance.....</i>	<i>13</i>
2.	<i>Warning Banner.....</i>	<i>13</i>
3.	<i>Layered Application Design.....</i>	<i>13</i>
4.	<i>Separation of Layers.....</i>	<i>14</i>
5.	<i>Business Logic Layer Communication.....</i>	<i>14</i>
6.	<i>Data Access Logic Layer Design.....</i>	<i>14</i>
7.	<i>Data Access Logic Layer Communication.....</i>	<i>14</i>
8.	<i>Data Persistence/Database Layer Isolation.....</i>	<i>14</i>
9.	<i>User Input Validation.....</i>	<i>14</i>
10.	<i>Data Input Validation.....</i>	<i>14</i>
11.	<i>Data Queries.....</i>	<i>15</i>
12.	<i>Username/Password Based Authentication.....</i>	<i>15</i>
13.	<i>Privileged Accounts Management.....</i>	<i>15</i>
14.	<i>Service Accounts Management.....</i>	<i>16</i>
15.	<i>Role - Based Access.....</i>	<i>17</i>
16.	<i>User / Entity Authentication Logging.....</i>	<i>17</i>

	17.	<i>Automatic System Session Expiration</i>	17
	18.	<i>Automatic System Lock-out and Reporting</i>	17
	19.	<i>Role-based Access to Audit Functions and Data</i>	17
	20.	<i>Secure Online Access to Audit Functions</i>	17
	21.	<i>Audit Trails</i>	18
	22.	<i>Application Security Controls</i>	18
D.		DOCUMENTATION OF SOLUTION.....	20
	1.	<i>System Configuration</i>	20
	2.	<i>Data In Use Classifications</i>	20
	3.	<i>System Roles and Relationships</i>	20
	4.	<i>Audit Method Documentation</i>	20
	5.	<i>Retention of Documentation</i>	20
E.		ISO NOTIFICATIONS AND APPROVALS.....	21
	1.	<i>Security Compliance Notification</i>	21
	2.	<i>Notification of Changes to Solution</i>	21
	3.	<i>Notification of Breach or Compromise</i>	21
	4.	<i>Project Security Approvals</i>	21
	5.	<i>Application Security Approvals</i>	22
F.		APPENDIX A – SR1 EXEMPTION FORM.....	23



<i>Type: ISO Requirements</i>	
<i>Issued: October 31, 2008</i>	<i>Doc Number: SR1 v3.9</i>
<i>Revised:</i>	
<i>Title: Information Systems Security Requirements for Projects</i>	

IMPORTANT NOTE: If an exemption from any SR1 requirement is required, the SR1 Exemption Form in Appendix A must be filled out by the Project Manager or Contract Manager.

I. Purpose

This document provides the minimum security requirements, mandated by the Information Security Office (ISO) from projects governed and/or subject to the policies and standards of the California Department of Public Health (CDPH). Projects that intend to deploy systems/applications into the Department's system infrastructure or will utilize Department information system services are also subject to these minimum security requirements.

This document is intended to assist the Department and its service customers in understanding the criteria the Department will use when evaluating and certifying the system design and security features and protocols used by project solutions utilizing Department services. The security requirements herewith will also be used in conjunction with the Department ISO's compliance review program of its information system services consumers.

This document will serve as a universal set of requirements which must be met regardless of physical hosting location or entities providing operations and maintenance responsibility. These requirements do not serve any specific project nor do they prescribe any specific implementation technology.

II. Scope of Requirements

The information security requirements herein are organized in five categories (sections) and address at a minimum:

- Administrative/Management Safeguards
- Technical and Operational Safeguards
- Solution Architecture
- Documentation of Solution
- ISO Notifications and Approvals

III. Contact

Chief Information Security Officer
California Department of Public Health
Information Security Office
1615 Capitol Avenue
Sacramento, Ca 95814

IV. Information Systems Security Requirements

A. Administrative / Management Safeguards

1. Workforce Confidentiality Statement

All persons working with Department information must sign a Security and Confidentiality statement. The statement must include at a minimum; General Use, Security and Privacy safeguards, Unacceptable Use, Audit, and Enforcement policies. (Contact the ISO for the current version of the Security & Confidentiality form in use.)

The statement must be signed by the Project member prior to being granted access to the Department's information. The statement must be renewed annually.

2. Access Authorization

Project/Program must implement and document clear rules and processes for vetting and granting authorizations; and procedures for the supervision of workforce members who work with Department information or in locations where it might be accessed.

3. Access Authorization Maintenance

On at least a semi-annual basis, Project/Program will review and remove all authorizations for individuals who have left the department, transferred to another unit, or assumed new job duties within the Department.

4. Information System Activity Review

Project/Program must implement and document procedures to regularly review records of information system activity, such as audit logs, access reports, and security incident tracking reports.

5. Periodic System Security Review

All systems shall allow for periodic system security reviews that provide assurance that management, operations, personnel, and technical controls are functioning effectively and providing adequate levels of protection.

The reviews may include technical tools and security procedures such as virus scanners, vulnerability assessment products (which look for known security problems, configuration errors, and the installation of the latest hardware/software "patches"), and penetration testing.

6. Periodic System Log Review

All systems processing and/or storing Department information shall have a method or procedure in place to create and review system logs for unauthorized access. Logs may

be stored within the system or on a centralized logging server or service, and shall be maintained for a minimum of three years.

7. Business Impact Analysis

Project/Program will conduct annually a Business Impact Analysis of the application to determine the Maximum Acceptable Outage (MAO), cost of lost functionality, system component dependencies, business function dependencies, and business partner dependencies.

8. Change Control

All systems processing and/or storing Department information must have a documented change control procedure that ensures separation of duties and protects the confidentiality, integrity, and availability of information.

For those systems running within the Department's environment and/or are consuming Department services, those systems shall comply with Department of Technology Services (DTS) and Department standards for change control process and procedures.

9. Incident Response

Project/Program will establish procedures for responding to an emergency or other occurrence (e.g., fire, vandalism, system failure, and natural disaster) that damages systems that contain electronic protected health information.

The emergency response procedures shall be added to the existing Operational Recovery Plan (ORP). The ORP shall address what to do if a computer system and/or the information files are violated, lost, damaged, or inaccessible.

10. Disaster Recovery

Project/Program will establish procedures that allow facility access in support of restoration of lost information under the ORP and emergency mode operations plan in the event of an emergency.

The restoration/recovery support procedures shall be added to the existing Operational Recovery Plan (ORP) to restore any loss of information and assure continuity of computing operations for support of the application and information.

Recovery procedures shall be developed using the appropriate template from the Department's ORP.

11. Emergency Mode Operation Plan

Project/Program will establish an Emergency Mode Operation Plan (EMO) to enable continuation of critical business processes for protection of the security of electronic

protected health information while operating in emergency mode. This plan shall be added to the existing ORP.

12. Periodic System Recovery Testing

All systems, as part of a new or existing project, shall allow for periodic system recovery testing. The period between tests should be defined as part of the project and be consistent with relevant department disaster recovery standards. Such testing should provide assurances that plans (Incident Response, Disaster Recovery, Emergency Mode Operation, and Data Backup) and controls (management, operations, personnel, and technical) are functioning effectively and providing adequate levels of protection during an incident, disaster, or breach.

13. Supervision of Data

Protected Health Information (PHI) in paper form shall not be left unattended at any time, unless it is locked in a file cabinet, file room, desk, or office. Unattended means that information is not being observed by an employee authorized to access the information. Department PHI in paper form shall not be left unattended at any time in vehicles or planes and shall not be contained in checked-in baggage on commercial airplanes.

14. Escorting Visitors

Visitors to areas where Department PHI is contained shall be escorted and Department PHI shall be kept out of sight while visitors are in the area.

B. Technical and Operational Safeguards

1. System Security Compliance

All Project systems shall comply with applicable Department security policies and requirements, as specified in the State Administrative Manual (SAM), Health Administrative Manual (HAM), HIPAA, Privacy Act, and any other applicable state or federal regulation. All security safeguards and precautions shall be subject to the approval of the Department ISO.

2. Virus Protection

All systems shall install and actively use comprehensive third-party virus protection software, and routinely update such software when updates are released. All security safeguards and precautions shall be subject to the approval of the Department ISO.

3. Patch Management

All systems shall install and actively use comprehensive third-party patch management program and routinely update system and application software when updates are released. All security safeguards and precautions shall be subject to the approval of the Department ISO.

4. Encrypted Electronic Transmissions

All information transmissions that contain confidential information must be encrypted end-to-end using an industry-recognized encryption standard. The electronic transport must utilize Secure Socket Layer (SSL) and Department information and confidential information shall be encrypted at the minimum of 128 bit AES (Advanced Encryption Standard) or 3DES (Triple Data Encryption Standard) if AES is unavailable. Equivalent or stronger algorithms may be used upon approval of the Department ISO.

5. Encrypted Data Storage

All confidential information must be encrypted when stored using a Department approved encryption standard. Confidential information shall be encrypted at the minimum of 128 bit AES (Advanced Encryption Standard) or 3DES (Triple Data Encryption Standard) if AES is unavailable. Equivalent or stronger algorithms may be used upon approval of the Department ISO.

6. Workstation / Laptop Encryption

All workstations and laptops that process and/or store Department information must be encrypted with a Department approved solution or a solution using a vendor product specified on the Department of General Services (DGS) California Strategic Sourced Initiative (CSSI) website.

7. Removable Media Encryption

All electronic files that contain Department information must be encrypted when stored on any removable media type device (i.e. USB thumb drives, floppies, CD/DVD, tape backup, etc.) with a Department approved solution or a solution using a vendor product specified on the Department of General Services (DGS) California Strategic Sourced Initiative (CSSI) website.

8. Secure Connectivity

All transmission and data-links between the information and application/system and DBMS and the DTS Wide Area Network (WAN) shall be secure between transmission systems as required by regulation, policy or standard and as prescribed for the given application/system.

9. Intrusion Detection and Prevention

All systems that are accessible via the Internet, are critical, or contain ePHI (electronic Protected Health Information) shall install and actively use a Department approved comprehensive third-party real-time host based intrusion detection and prevention program that reports security events directly to the Department ISO. All security safeguards and precautions shall be subject to the approval of Department ISO.

10. Minimum Data Downloads

In accordance with the principle of need-to-know, only the minimum amount of information required to perform necessary business functions should be copied or downloaded.

11. Data Destruction

All Department information must be wiped from systems when the information is no longer necessary. The wipe method must conform to Department of Defense (DoD) and Department standards for information destruction. Once information has been destroyed, the Department contract manager must be notified. If an agency or other entity is unable to destroy media in accordance with Department standards and provide notification, the media must be returned to the Department after usage for destruction in an approved manner.

12. Confidential Destruction

Department PHI in paper form must be disposed of through confidential means, such as cross cut shredding and pulverizing.

13. Removal of Data

Department PHI in either electronic or paper form shall not be removed from Department premises or from the premises of an authorized vendor or contractor without the written permission of the Department ISO.

14. Faxing of Confidential Information

Facsimile transmissions containing PHI shall not be left unattended and fax machines shall be in secure areas. Faxes shall contain a confidentiality statement notifying persons receiving faxes in error to destroy them. Fax numbers must be verified before sending.

15. Mailing of Confidential Information

Department PHI shall only be mailed using secure methods. Large volume mailings of Department PHI must be by a secure, bonded courier with signature required on receipt. Disks and other transportable media sent through the mail must be encrypted with a Department approved solution or a solution using a vendor product specified on the Department of General Services (DGS) California Strategic Sourced Initiative (CSSI) website.

C. Solution Architecture

1. System Security Compliance

The system shall comply with all applicable Department security policies and requirements, as well as those specified in the State Administrative Manual (SAM), Health Administrative Manual (HAM), HIPAA, Privacy Act, and any other applicable state or federal regulation. All security safeguards and precautions shall be subject to the approval of the Department ISO.

2. Warning Banner

All systems containing Department information shall display a login warning banner stating that information is confidential, activity is logged, and system use is for business purposes only. User shall be directed to log off the system if they do not agree with these requirements.

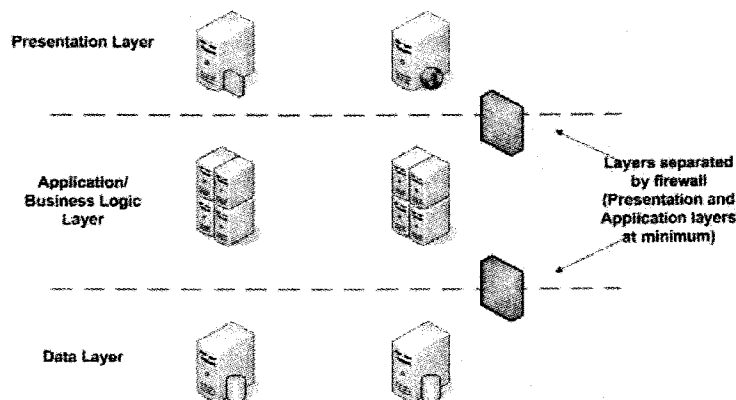
The following warning banner shall be used for all access points (e.g., desktops, laptops, web applications, mainframe applications, servers and network devices):

WARNING: This is a State of California computer system that is for official use by authorized users and is subject to being monitored and/or restricted at any time. Unauthorized or improper use of this system may result in administrative disciplinary action and/or civil and criminal penalties. By continuing to use this system you indicate your awareness of and consent to these terms and conditions of use.

LOG OFF IMMEDIATELY, if you do not agree to the conditions stated in this warning.

3. Layered Application Design

Application must be able to be segmented into a layered application design separating at a minimum the Presentation, Application/Business Logic, and Data Access Logic, and Data Persistence/Database layers.



4. Separation of Layers

The Presentation, Application/Business Logic, and Data Access Logic layer must be separated physically by a firewall regardless of physical implementation.

Vendor-provided commercial off-the-shelf (COTS) packages or components where physical separation of layers is not possible requires ISO approval.

5. Business Logic Layer Communication

Any system request made to the Business logic layer must be authenticated.

6. Data Access Logic Layer Design

The Data Access Logic Layer may take the form of stored procedures, database API (Application Programming Interface), Data Access Objects/Components, Data Access Middleware, Shared Data Services, or Secure Web Service.

7. Data Access Logic Layer Communication

Any system request made to the Data Access logic layer must be authenticated and authorized.

8. Data Persistence/Database Layer Isolation

No direct access to the Data Persistence/Database layer will be permitted, except through the Data Access logic layer.

All calls to the Data Persistence/Database layer will be made through the Data Access logic layer as a trusted sub-system that utilizes a single database access account to all transactions.

Vendor-provided commercial off-the-shelf (COTS) packages or components where physical separation of Data Access Logic layer from Data Persistence/Database layer is not possible require ISO approval.

9. User Input Validation

All user input must be validated. The system must manage client input controls from server side to the extent possible. All third-party client side input controls must be documented and approved by the Department ISO.

10. Data Input Validation

All user information input must be validated before being committed to the database or other application information repository.

11. Data Queries

All Data queries (including In-line SQL calls) will not be allowed from the Presentation or the Business Logic layers unless validated for appropriate use of query language and validated for appropriate quantity/quality of data input. All data queries solution must be approved by the Department ISO.

Database table names and column names must not be exposed. Applications must use an alias for every table and column.

Dynamic SQL will not be permitted from the Presentation Layer without prior approval from the Department ISO.

12. Username/Password Based Authentication

When usernames and passwords are going to be used as the method for system authentication the following for each must be met:

- Username requirements:
 - Usernames are unique and are traceable to an individual worker.
 - Usernames are NOT to be shared and never hard-coded into system logic.

- Password requirements:
 - Are not to be shared.
 - Must be 8 characters or more in length.
 - Must NOT be a word found in the dictionary, regardless of language.
 - Passwords must be encrypted using irreversible industry-accepted strong encryption.
 - Must be changed at least every 60 days.
 - Must NOT be the same as any of the previous 10 passwords.
 - Must be changed immediately if revealed or compromised.
 - Must be composed of characters from at least three of the following four groups from the standard keyboard:
 - Upper case letters (A-Z);
 - Lower case letters (a-z);
 - Arabic numerals (0 through 9); and
 - Non-alphanumeric characters (punctuation symbols).
 - Accounts must be locked after 3 failed logon attempts.
 - Account lock-out reset timers must be set for a minimum of 15 minutes.

13. Privileged Accounts Management

- Privileged Account Authorization
A privileged account is an account that allows an individual to perform maintenance on an operating system or application (e.g. create/remove users, install applications, create/modify databases). Privileged accounts require the approval of the individual's manager, the ISO, and must include a business justification stating why privileged access is required and what it will be used for.

Individuals granted privileged accounts must have already signed the Security and Confidentiality Acknowledgement Statement. Privileged accounts must be unique and associated with the individual for whom the account is authorized. The use of shared privileged accounts (e.g. Administrator) is strictly prohibited.

- Username requirements
 - Must be unique and are traceable to an individual person.
 - Must NOT be shared.
 - Must never be hard-coded into system logic.
 - Must NOT be the same across different zones (e.g. Web Zone, Internal network, and Test Labs / Environments).
 - The default built-in Administrator account must be renamed and disabled.
 - The naming convention for privileged accounts must not make it obvious that usernames belong to privileged accounts.
 - If a generic privileged account is created:
 - It must only be used in an Emergency.
 - It is NOT to be used for routine maintenance.
 - The password storage and management process for generic privileged accounts must be approved by the Department ISO.

- Password requirements
 - Must not be the same as any of the previous 10 passwords.
 - Must not to be shared.
 - Must NOT be the same across different zones (e.g. Web Zone, Internal network, and Test Labs / Environments).
 - Must be 12 characters or more in length.
 - Must NOT be a word found in the dictionary, regardless of language.
 - Password must NOT be stored in clear text.
 - Must be changed at least every 60 days.
 - Must be changed immediately if revealed, or compromised.
 - Must be changed immediately upon the termination or transfer of an employee with knowledge of the password.
 - Passwords must be encrypted using industry accepted, irreversible strong encryption.
 - Accounts must be locked after 3 failed logon attempts.
 - Account lock-out timers must be set for at least 60 minutes.
 - Must be comprised of characters from at least three of the following four groups from the standard keyboard:
 - Upper case letters (A-Z);
 - Lower case letters (a-z);
 - Arabic numerals (0 through 9);
 - Non-alphanumeric characters (punctuation symbols).

- Restrictions for Privileged Accounts
 - Holders of privileged accounts must restrict the use of their account privileges to activities that are part of their job and that require privileged access.
 - Holders of privileged accounts must never share their access and password with other individuals.

14. Service Accounts Management

- **Service Account Authorization**
In situations where it is necessary to use a service account, which is an account used to run a service and whose password is known by multiple individuals, the account request will be approved by the manager of the Project/Program requesting the account and by the ISO. Requirements, stating the need for a service account, will be documented in the request. A service account password is shared among the individuals authorized to access the account, and is subject to controls as stated in the password requirements in this document.

- **Restrictions for Service Accounts**
 - Sharing passwords via email is prohibited, unless the body of the email itself is encrypted using strong encryption.
 - When users are no longer authorized to access an existing service account, the service account password must be changed.

15. Role - Based Access

Any system deployed during, or as a result of a project, shall provide secure role-based access for authorization utilizing the principle of least privilege at all layers/tiers.

16. User / Entity Authentication Logging

The system must log success and failures of user authentication at all layers as well as log all user transactions at the database layer as required by regulation, policy or standard and as prescribed for the given application/system. This logging shall be included for all user privilege levels including but not limited to systems administrators. This requirement applies to systems that process, store, and/or interface with PII (Personal Identifiable Information) and/or confidential information.

17. Automatic System Session Expiration

The system must provide an automatic timeout of user sessions after 20 minutes of inactivity.

18. Automatic System Lock-out and Reporting

The system must provide an automatic lock-out of users and a means to audit a minimum of 3 failed log-in attempts. The means of providing audit information must be approved by the Department ISO.

19. Role-based Access to Audit Functions and Data

All systems/applications will implement role-based access to auditing functions and audit trail information utilizing the principle of least privilege.

20. Secure Online Access to Audit Functions

All systems / applications will implement a secure online interface to Audit Capabilities and Reporting by way of application programming interface (API) or network service (or Web Service); to allow Department ISO to view logs, auditing procedures, and audit reporting.

21. Audit Trails

This requirement delineates the (minimum) log information that audit trails should record for any system that contains or is involved in the transmission of confidential information. The information listed below should be available on every system running a production environment. Not only will this information assist with problem resolution efforts and system restore operations, it will also be invaluable to system penetration attack investigations, fraud investigations, etc.

The system must record (at minimum) the following events and any other events deemed appropriate by the Department ISO:

Transaction Types

- Any and all administrative changes to the system (i.e. administrative password changes (forgotten password resets), system variables, network configuration changes, disk subsystem modifications, etc).
- Logon failures.
- Logons during non-business hours.
- Program or file access denial.
- Addition, deletion, or modification of users or program access privileges.
- Changes in file access restrictions.
- Database addition, deletion, or modification.
- Copy of files before and after read and write changes.
- Transaction issued.

Individual audit trail records shall contain the information needed to associate each query transaction to its initiator and relevant business purpose. Individual audit trail records should capture at a minimum the following:

Minimum Audit Trail Record Content

- Date and Time Stamp.
- Unique Username of Transaction Initiator.
- Transaction Recorded.
- Success or Failure of Transaction Recorded.
- Relevant business process or application component involved.
- Data captured (if any).

Audit Trail logs shall be maintained at minimum for three years after the occurrence or a set period of time determined by the Department ISO that would not hinder a detailed forensic investigation of the occurrence. The Department ISO has final approval authority.

22. Application Security Controls

For any application which accesses confidential data, the following technical controls shall be present, unless an exception is granted by ISO:

- Shall use *least privileged accounts* to execute code and to access databases.
- User access rights shall be authenticated and authorized on entry to each application tier.
- All user input shall be validated as well as all validating parameters passed to all public web service methods.
- Do not expose information that is not required, as such information can potentially open doors that might lead to new vulnerabilities.
- If a web application fails, it shall not leave sensitive data unprotected or expose any details in error messages presented to the user. Any exceptions shall be logged or emailed to the appropriate team member.
- Any sensitive data stored in session, cookies, disk files etc., shall be encrypted. Any sensitive data passed between tiers shall be encrypted.
- Applications shall be protected from the Internet by a front-end web application, firewall, gateway, and proxy of a type approved by the ISO, which shall be included in the documented system design.
- Post back Universal Resource Locators (URLs) shall not contain unencrypted record identifiers or database keys.
- Post back URLs shall not include query strings.

D. Documentation of Solution

1. System Configuration

As part of each project, assigned staff will document and maintain a full inventory of the major hardware, software, and communications platforms in use; system configurations; all applications/components with descriptions encompassing the solution; and a description of the solution's security design features and user access control mechanisms. Project/Program will ensure a custodian(s) is assigned to each application/component.

2. Data In Use Classifications

Project/Program will document and maintain information classification matrix of all information elements accessed and/or processed by solution.

The matrix should identify at a minimum:

- Information element.
- Information classification/sensitivity.
- Relevant function/process or where is it used.
- System and database or where is it stored.

3. System Roles and Relationships

Project shall document the following roles and ensure everyone understands their role, and complies with all applicable regulations including the SAM.

- The designated owner of the system
- The designated custodian(s) of the system
- The users of the system
- The security administrator for the system
- Outside entities sending or receiving data to system

Project shall document the organizational structure and relationships between these roles.

4. Audit Method Documentation

Project/Program will document the solution's auditing features and provide samples of audit reporting.

5. Retention of Documentation

The system/application administrators will retain documentation, including audit and activity logs, for a minimum of three years (up to seven years) from the date of its creation or the date it was last in effect, whichever is later.

E. ISO Notifications and Approvals

1. Security Compliance Notification

As part of each project, assigned staff will document how proposed solution meets or addresses the requirements specified in this document and must be submitted to the Department ISO prior to taking custody of Department owned information.

2. Notification of Changes to Solution

Once a project is approved as final by the Department ISO, no changes will be made to the project scope, documentation, systems or components without a change approval by the Department ISO.

3. Notification of Breach or Compromise

The system/application administrators shall immediately and in writing report to the Department ISO any and all breaches or compromises of system and/or information security, and shall take such remedial steps as may be necessary to restore security and repair damage, if any.

In the event of a breach or compromise of system and/or information security, the Department ISO may require a system/application security audit. The Department ISO shall review the recommendations from the security audit, and make final decisions on the steps necessary to restore security and repair damage.

The system/application administrators shall properly implement any and all recommendations of the security audit, as approved by the Department ISO.

4. Project Security Approvals

Projects shall ensure checkpoints throughout the SDLC which verify security requirements are being met. This shall be incorporated in the project plan along with identification of necessary resources, timelines, and costs to address these requirements. An ISO representative should be involved throughout the SDLC to ensure this occurs.

For reportable FSR's, Office of Information Security and Privacy Protection (OISPP) requires submission of the *Questionnaire for Information Security and Privacy Components in Feasibility Study Reports and Project-Related Documents*. See http://www.oispp.ca.gov/government/documents/docs/Info_Sec_and_Priv_Components_FSR-Questionnaire.doc. The response to this document shall be approved by the ISO prior to submission.

Projects shall ensure all applicable security requirements and deliverables are included in the project plan, and that ISO approvals are obtained, where required. This includes those listed in the following section, and any covered by other sections of this document. ISO shall be given reasonable time to review and comment on these deliverables.

5. Application Security Approvals

At a minimum, for any application which accesses confidential data, the following documented ISO approvals shall be obtained at the appropriate project phases, and before the application is moved to production.

- ISO approval of a dated, detailed design document. This design shall include network layout including specific firewall port requirements, server hosting locations, operating systems, databases, data exchange interfaces, and points of authentication/authorization. The project shall not move beyond the design phase until there is an ISO approved design.
- ISO approval of any non-standard development tools, e.g. programming languages or toolkits.
- ISO approval of a plan for an independent security code review which addresses at minimum the current Open Web Application Security Project (OWASP) top ten application vulnerabilities, where applicable. ISO shall approve any findings of that code review not being corrected. ISO recommends the security code review be carried out during the development process rather than only at the end.
- ISO approval of a plan for security code reviews of future maintenance code changes, which addresses at minimum the current OWASP top ten application vulnerabilities, where applicable.
- ISO approval of a plan for an independent automated security vulnerability assessment of the application, and approval of the findings of that assessment. The assessment shall assess the OWASP top ten risks at minimum, as applicable.

Independent as indicated above is defined as organizationally separate from those developing or configuring the application. The independence and skill level of the entities being utilized shall be approved by ISO.

Application code and infrastructure is subject to ISO audit, and shall match the approved detailed design.

F. Appendix A – SR1 Exemption Form

REF	Security Requirement	Exemption (Yes, No, or N/A)	Business Justification
A	Administrative / Management Safeguards		
1	Workforce Confidentiality Statement		
2	Access Authorization		
3	Access Authorization Maintenance		
4	Information System Activity Review		
4	Periodic System Security Review		
6	Periodic System Log Review		
7	Business Impact Analysis		
8	Change Control		
9	Incident Response		
10	Disaster Recovery		
11	Emergency Mode Operation Plan		
12	Periodic System Recovery Testing		
13	Supervision of Data		
14	Escorting Visitors		
B	Technical and Operational Safeguards		
1	System Security Compliance		
2	Virus Protection		
3	Patch Management		
4	Encrypted Electronic Transmissions		
5	Encrypted Data Storage		
6	Workstation / Laptop Encryption		
7	Removable Media Encryption		
8	Secure Connectivity		
9	Intrusion Detection and Prevention		
10	Minimum Data Downloads		
11	Data Destruction		
12	Confidential Destruction		
13	Removal of Data		
14	Faxing of Confidential Information		
15	Mailing of Confidential Information		
C	Solution Architecture		
1	System Security Compliance		
2	Access Point Warning Banner		
3	Layered Application Design		
4	Separation of Layers		

REF	Security Requirement	Exemption (Yes, No, or N/A)	Business Justification
5	Business Logic Layer Communication		
6	Data Access Logic Layer Design		
7	Data Access Logic Layer Communication		
8	Data Persistence/Data base Layer Isolation		
9	User Input Validation		
10	Data Input Validation		
11	Data Queries		
12	Username/Password Based Authentication		
13	Privileged Accounts Management		
14	Service Accounts Management		
15	Role - Based Access		
16	User / Entity Authentication Logging		
17	Automatic System Session Expiration		
18	Automatic System Lock-out and Reporting		
19	Role-based Access to Audit Functions and Data		
20	Secure Online Access to Audit Functions		
21	Audit Trails		
22	Application Security Controls		
D	Documentation of Solution		
1	System Configuration		
2	Data In Use Classifications		
3	System Roles and Relationships		
4	Audit Method Documentation		
5	Retention of Documentation		
E	ISO Notifications		
1	Security Compliance Notification		
2	Notification of Changes to Solution		
3	Notification of Breach or Compromise		
4	Project Security Approvals		
5	Application Security Approvals		