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Idaho Public Health Districts

Idaho Association of Public Health District Directors

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TO: Wayne Hammon, Administrator
Division of Financial Management

FROM: Richard Horne, Chair
Idaho Association of Public Health District Directors

DATE: March 4, 2009

SUBJECT: Requests for funding under the American Economic Recovery and Reinvestment Act of 2009.

Please find attached a consolidated request, with justifications in accordance with EO 2009-06, for funding under the American Economic Recovery and Reinvestment Act of 2009 for:

- Panhandle Health District (PHD-1) = \$307,641
- North Central District Health (PHD-2) = \$152,500
- South Central Public Health District (PHD-5) = \$760,527
- Southeastern District Health (PHD-6) = \$115,000
- Eastern Idaho Public Health District (PHD-7) = \$115,000

The total request for the five (5) requesting districts is: \$1,450,668.

cc: Director, Panhandle Health District
Director, North Central District Health
Director, South Central Public Health District
Director, Southeastern District Health
Director, Eastern Idaho Public Health District

Idaho Association of Public Health District Directors
IT Infrastructure Projects
Title XIII – Health Information Technology for Economic and Clinical
Health Act,
Section 13101-Title XXX (Health Information Technology and Quality),
Sections 3001, 3007 & 3013

PANHANDLE HEALTH DISTRICT (PHD-1) - \$307,641
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- A. Federal Funding Requested: \$307,641.
- B. Funding Requested from TITLE XIII, Subtitle A, PART 1, SEC. 3001 (b)(7) and SEC 3001 (c)(3)(A)(vii). TITLE XIII, Subtitle C, SEC. 3011 (a)(7).
- C. Requirements and deadline for applying for federal funding per Executive Order 2009-06.
- D. The requirements of the funding are that it be spent on patient health information, improving public health activities, and health information architecture (see B. for Act sections). Under these sections there is no match requirement. The timeframes in the Act apply to the funding.
- E. Federal funding would end after receiving a one-time benefit.
- F. Additional spending authority through the state budget process would be necessary to expend the federal funds; however, the authority would be for the use of non-cog (other) funds, not for cog (state) funds.
- G. No additional State employees will be necessary to oversee or administer the federal funds.
- H. The Panhandle Health District’s plan would use Federal Stimulus funds to purchase a complete health record management and billing system (vendor to be selected through the bid process). The system will provide better service to Panhandle Health District clients through the provision of electronic medical records in a step towards the anticipated National Health Records System. This funding will allow the purchase of the EMR Software and billing program inclusive of the modules for clinical and Home Health services. The funds will be used to purchase the needed server infrastructure; the necessary storage capacity; electronic portable data entry stations; mobile field data entry devices; and secure wireless connectivity units.

EHR / Client Data System Replacement – Family and Community Health (FACH) \$232,495

Panhandle Health District (PHD) serves the five northern most counties in Idaho. PHD’s Family and Community Health Division provides access to reproductive health care and immunizations to under-insured populations. These services are preventive in nature for unintended pregnancies, cancer, sexually transmitted infections and vaccine preventable diseases.

- Wireless LAN - \$2,097
- Wireless Access Point (5 ea.) - \$1,247
- Hardened Notebooks (14 ea.) - \$35,649
- Laptop Cart w/power (14 ea.) - \$40,502

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PANHANDLE HEALTH DISTRICT (PHD-1) - \$307,641
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- EMR/EHR Software (RFP) - \$150,000
- Desktops (Windows) (3 ea.) – 3,000

EHR / Client Data System Replacement – Home Health \$35,146

PHD's Home Health Division provides skilled nursing and therapy services under the supervision of a physician to the homebound population. Services include, but are not limited to, health needs assessment, pain and medication management, wound care, diabetes care and instruction, tube feeding/nutritional education, IV therapy, bowel/catheter care, medical social worker, home health bath-aide, rehabilitation care such as physical, occupational, and speech therapy.

- XFR Mil Grade Laptop (12 ea.) - \$35,146

Information Technology Support - \$40,000

- Network Attached Storage - \$40,000

Combined, both divisions manage a caseload of approximately 11800 clients per year throughout Northern Idaho. Electronic medical records would enhance services in these programs by:

- Providing more efficient access to records as clients move from clinic to clinic;
- Improving documentation and legibility;
- Decreasing lab result data entering time by eliminating pulling and replacing charts;
- Decreasing time currently spent recording client visit in required data reporting system for Title X;
- Increasing accuracy, consistency and timeliness of visit data;
- Electronically collecting and validating clinician visits in the field;
- Improved accuracy in client billing and quicker claims processing with reduced accounts receivable;
- Improving the quality of assessment and subsequent intervention visit data;
- Increasing productivity by decreasing documentation and travel time back to the office;
- Better utilizing space currently used for storing records by decreasing paper storage;
- Taking a major step forward towards attaining the goal of utilizing an EMR for each person in the United States by 2014.

After the initial software purchase, the District will assume all ongoing maintenance and licensing charges. This software upgrade will allow a reduction of approximately \$50,000 in annual licensing expenses currently incurred by the District with existing programs.

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NORTH CENTRAL DISTRICT HEALTH DEPARTMENT (PHD-2) - \$152,500
(pg 1 of 2)

- A. Amount of Federal funding desired - \$152,500.00

- B. Funding Requested from Title XIII - Health Information Technology, Sections 3001 (1) & (11, A, iii), 3002 (b, 2, B, vi), 3009 (a, 1, A & B), 3011 (a, 1 & 7), 3013 (d, 8 & 9; g, 6)

- C. Per Governor Otter's Executive Order 2009-06.

- D. There are no requirements associated with the desired funding.

- E. Federal funding would end after receiving a one-time benefit.

- F. No Additional spending authority would be needed as this purchase would fall under the existing State contracts.

- G. No additional State employees will be necessary to oversee or administer the federal funds.

EHR HIT Infrastructure - \$82,500

The North Central District Health Department's plan is to utilize the Federal Stimulus dollars requested to purchase software licensure and hardware equipment to be used in clinical implementation of Electronic Medical Records in our five Public Health offices in North Central Idaho. We currently have Health IT software with the capacity for expansion to EMR's. Our "Insight" software is nationally approved to meet all HIPAA mandates as well as NIST standards and HIT requirements. This request covers our need for licensure of this software for the first year of implementation as well as the purchase of hardware ie: laptops for our clinic facilities. This funding will allow the District the ability to participate in universal medical records, connections with local / national hospitals, and other State and Nationwide information technology systems. Without this funding the District will not have the infrastructure in place for the President's electronic medical record initiative. Following the first year of implementation, the North Central District Health Department will assume the ongoing maintenance and licensing charges.

EH Client Data System - \$70,000

The North Central District Health Department's plan is to utilize the Federal Stimulus dollars requested to pay for the purchase of an Environmental Health Inspection system from Paragon. Paragon's system is endorsed by NACCHO (National Association of County & City Health Officials). This system will help the District better serve the public through better health surveillance, providing a disaster recovery system

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**NORTH CENTRAL DISTRICT HEALTH DEPARTMENT (PHD-2) - \$152,500
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that can be utilized by staff anywhere in the State, allow the public direct access to food establishment inspection information, and convert the District's Environmental Health Department to an entirely electronic records system which will allow integration into future State and Nationwide information technology systems. Part of this system purchase will include seven "notebooks" and signature pads to be utilized in the field which will aid in increasing productivity and efficiencies throughout the Environment Health Division.

After the initial purchase, the District will assume all ongoing maintenance and licensing charges.

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SOUTH CENTRAL PUBLIC HEALTH DISTRICT (PHD-5) - \$760,527
(pg 1 of 3)

- A. Federal Funding Requested: \$760,527.
- B. Funding Requested from TITLE XIII, Subtitle A, PART 1, SEC. 13101, TITLE XXX, SEC. 3001 (b)(7), SEC. 3001 (c)(3)(A)(vii), SEC. 3007(a), SUBTITLE C, SEC. 13301, SUBTITLE B, SEC. 3011 (a)(7) and SEC. 3013.
- C. Requirements and deadline for applying for federal funding per Executive Order No. 2009-06.
- D. The requirements of the funding are that it be spent on patient health information, improving public health activities, and health information architecture (see B. for Act sections). Under these sections there is no match requirement. The timeframes in the Act apply to the funding.
- E. Federal funding would end after receiving a one-time investment cost benefit.
- F. Additional spending authority through the state budget process would be necessary to expend the federal funds; however, the authority would be for the use of non-cog (other) funds, not for cog (state) funds.
- G. No additional State employees will be necessary to oversee or administer the federal funds.
- H. Justification:

EHR / Client Data System Replacement - \$544,627

Insight Replacement - Our current data systems does not currently support EHR standards and has been determined to be insufficient in terms of security and auditing. We conducted the RFP process with Department of Administration (RFP# 02144) and had selected Netsmart Technologies *Insight* software. This software is a Public Health/Clinical Data Management System and is currently in use in PHD-2. Due to the current economic situation and unknown budget forecasts, we elected not to award the contract. However, with the advent of the American Recovery and Reinvestment Act of 2009, we request funding to proceed. *Insight* is nationally approved to meet all HIPAA mandates as well as NIST standards and HIT requirements. This request covers our need for software, licensure for software for the first year of implementation as well as the purchase of hardware (i.e. laptops for our clinic facilities). It also includes Public Health Foundation Enterprises consulting for the data migration and integration from our aged system to *Insight*. This funding will allow the District the ability to participate in universal medical records, connections with local / national hospitals, and other State and nationwide information technology systems. Without this funding the District will not have the infrastructure in place for the President's electronic medical record initiative.

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SOUTH CENTRAL PUBLIC HEALTH DISTRICT (PHD-5) - \$760,527
(pg 2 of 3)

- First year costs including all RFP modules, planning, training, data migration, licensing & implementation for 30 users - \$444,627
- PHFE Consulting - \$100,000

Following the stimulus grant period, the South Central Public Health District will assume all ongoing maintenance and licensing charges.

Router Replacement - \$52,000

Replacement of all district routers with new equipment. Current routers are no longer eligible for coverage under Cisco's service plan and parts are no longer available for some models. New routers would include encryption over the wire and features sufficient to meet HIPAA security needs.

COOP Provisioning - \$73,700

All SCPHD data systems converge in the Twin Falls office. The Twin Falls office provides connectivity between all satellite offices, the Twin Falls office, and Idanet. It is SCPHD's plan to setup redundant connectivity between satellite offices and Idanet using the Jerome office as the point of convergence. Additionally, it is SCPHD's plan to install redundant data systems in the Jerome office to provide the ability to continue operations in the event that primary data systems in Twin Falls fail.

- Equipment costs including an additional router, servers, data storage, & software licensing \$68,000
- Data services - \$4,200
- Connection to Idanet - \$1,500
- District to budget yearly maintenance costs including data services and connection to Idanet approximately - \$10,700.

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SOUTH CENTRAL PUBLIC HEALTH DISTRICT (PHD-5) - \$760,527
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Upgraded Data Circuits - \$10,200

SCPHD plans to store data backups in the Jerome office. In order to accomplish this goal, it is necessary to upgrade the data connections between the Twin Falls and Jerome offices. It is our intention to install a dedicated circuit specifically for data backups.

- Data services - \$4,200.00
- Equipment - \$6,000.00

Generator - \$80,000

Typically SCPHD experiences 4 -5 short power outages per year. It is our expectation that at least once every 5 years, we will experience one power outage that lasts at least one full day. In the event of a power failure, the data systems in the Twin Falls office are currently protected by backup batteries that are designed to run approximately 15 minutes. In order to protect client data and help ensure our ability to provide services to clients, we plan to install a generator that is capable of powering our primary data systems for at least 24 hours. This generator will also power our building security systems, including door locks in order to help secure client data.

- Equipment & installation - \$80,000.00

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SOUTHEASTERN DISTRICT HEALTH DEPARTMENT (PHD-6) - \$115,000
(pg 1 of 2)

- A. Federal Funding Requested: \$115,000.
- B. Funding Requested from TITLE XIII, Subtitle A, PART 1, SEC. 13101, TITLE XXX, SEC. 3001 (b)(7), SEC. 3001 (c)(3)(A)(vii), SEC. 3007(a), SUBTITLE C, SEC. 13301, SUBTITLE B, SEC. 3011 (a)(7) and SEC. 3013.
- C. Requirements and deadline for applying for federal funding per Executive Order No. 2009-06.
- D. The requirements of the funding are that it be spent on patient health information, improving public health activities, and health information architecture (see B. for Act sections). Under these sections there is no match requirement. The timeframes in the Act apply to the funding.
- E. Federal funding would end after receiving a one-time investment cost benefit.
- F. Additional spending authority through the state budget process would be necessary to expend the federal funds; however, the authority would be for the use of non-cog (other) funds, not for cog (state) funds.
- G. No additional State employees will be necessary to oversee or administer the federal funds.
- H. Justification:

EH Client Data System - \$70,000

The Southeastern District Health Department's plan is to utilize the Federal Stimulus dollars requested to pay for the purchase of an Environmental Health Inspection system from Paragon. Paragon's system is endorsed by NACCHO (National Association of County & City Health Officials). This system will help the District better serve the public through better health surveillance, providing a disaster recovery system that can be utilized by staff anywhere in the State, allow the public direct access to food establishment inspection information, and convert the District's Environmental Health Department to an entirely electronic records system which will allow integration into future State and Nationwide information technology systems. Part of this system purchase will include seven "notebooks" and signature pads to be utilized in the field which will aid in increasing productivity and efficiencies throughout the Environment Health Division. After the initial purchase, the District will assume all ongoing maintenance and licensing charges.

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**SOUTHEASTERN DISTRICT HEALTH DEPARTMENT (PHD-6) - \$115,000
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EHR HIT Infrastructure - \$45,000

The Southeastern District Health Department’s plan is to utilize the Federal Stimulus dollars requested to replace outdated and unsupported Wide Area Network Cisco routers. New routers will allow the District to meet HIPPA mandates for encrypting data “over the wire,” as current equipment is not capable of encryption. Additionally, the District would be purchasing Cisco ASA (Adaptive Security Appliances) to meet HIPPA mandates in regards to firewall, Intrusion Prevention, SSL encryption, and content security. This funding will allow the District the ability to participate in universal medical records, connections with local / national hospitals, and other State and nationwide information technology systems. Without this funding the District will not have the infrastructure in place for the President's electronic medical record initiative.

Following the stimulus grant period, the Southeastern District Health Department will assume all ongoing maintenance and licensing charges.

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EASTERN IDAHO PUBLIC HEALTH DISTRICT (PHD-7) - \$115,000
(pg 1 of 2)

- A. Federal Funding Requested: \$115,000.
- B. Funding Requested from TITLE XIII, Subtitle A, PART 1, SEC. 13101, TITLE XXX, SEC. 3001 (b)(7), SEC. 3001 (c)(3)(A)(vii), SEC. 3007(a), SUBTITLE C, SEC. 13301, SUBTITLE B, SEC. 3011 (a)(7) and SEC. 3013.
- C. Requirements and deadline for applying for federal funding per Executive Order No. 2009-06.
- D. The requirements of the funding are that it be spent on patient health information, improving public health activities, and health information architecture (see B. for Act sections). Under these sections there is no match requirement. The timeframes in the Act apply to the funding.
- E. Federal funding would end after receiving a one-time investment cost benefit.
- F. Additional spending authority through the state budget process would be necessary to expend the federal funds; however, the authority would be for the use of non-cog (other) funds, not for cog (state) funds.
- G. No additional State employees will be necessary to oversee or administer the federal funds.
- H. Justification:

EH Client Data System - \$70,000

The Eastern Idaho Public Health District's plan is to utilize the Federal Stimulus dollars requested to pay for the purchase of an Environmental Health Inspection system from Paragon. Paragon's system is endorsed by NACCHO (National Association of County & City Health Officials). This system will help the District better serve the public through better health surveillance, providing a disaster recovery system that can be utilized by staff anywhere in the State, allow the public direct access to food establishment inspection information, and convert the District's Environmental Health Department to an entirely electronic records system which will allow integration into future State and Nationwide information technology systems. Part of this system purchase will include seven "notebooks" and signature pads to be utilized in the field which will aid in increasing productivity and efficiencies throughout the Environment Health Division. After the initial purchase, the District will assume all ongoing maintenance and licensing charges.

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EASTERN IDAHO PUBLIC HEALTH DISTRICT (PHD-7) - \$115,000
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EHR HIT Infrastructure - \$45,000

The Eastern Idaho Public Health District’s plan is to utilize the Federal Stimulus dollars requested to replace outdated and unsupported Wide Area Network Cisco routers. New routers will allow the District to meet HIPPA mandates for encrypting data “over the wire,” as current equipment is not capable of encryption. Additionally, the District would be purchasing Cisco ASA (Adaptive Security Appliances) to meet HIPPA mandates in regards to firewall, Intrusion Prevention, SSL encryption, and content security. This funding will allow the District the ability to participate in universal medical records, connections with local / national hospitals, and other State and nationwide information technology systems. Without this funding the District will not have the infrastructure in place for the President's electronic medical record initiative.

Following the stimulus grant period, the Eastern Idaho Public Health District will assume all ongoing maintenance and licensing charges.