



USAID | **DELIVER PROJECT**
FROM THE AMERICAN PEOPLE

Task Order 2, Avian Influenza

Semi-Annual Report: October 2009–March 2010

MARCH 2010

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USAID | DELIVER PROJECT, Task Order 2

The USAID | DELIVER PROJECT, Task Order 2, is funded by the U.S. Agency for International Development under contract no. GPO-I-02-06-00007-00, beginning March 21, 2007. Task Order 2 is implemented by John Snow, Inc., in collaboration with PATH; Crown Agents Consultancy, Inc.; Fuel Logistics Group (Pty) Ltd.; UPS Supply Chain Solutions; Family Health International; The Manoff Group; MAP International; and 3i Infotech. Task Order 2 manages a global distribution mechanism for commodities to prevent and mitigate outbreaks of existing and emerging pandemic threats. Task Order 2 also assists in forecasting and procurement planning for developing countries and helps pre-position commodities in national and regional warehouses for rapid deployment in case of outbreaks.

Abstract

This report documents the activities of Task Order 2, Avian Influenza during the 2009–2010 fiscal year, from October 2009 to March 2010. Key sections include project management changes, global distribution mechanisms, and technical assistance appraisal.

USAID | DELIVER PROJECT

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Acronyms

3-D	Depopulation, Decontamination, and Disposal
AED	Academy for Educational Development
AI	avian influenza
AICSOG	Avian Influenza Commodity Support Optimization Group
AIIS	Avian Influenza International Stockpile
API	Avian and Pandemic Influenza
CAUSA	Crown Agents USA, Inc.
CDC	Centers for Disease Control and Prevention
CRZ	contamination reduction zone
CSOG	Commodity Support Optimization Group
CTO	cognizant technical officer
DAH	Directorate of Animal Health
DLS	Department of Livestock
DN	Delivery Note
EDI	electronic data interchange
EMRO	Regional Office for the Eastern Mediterranean
ERP	Enterprise Resource Planning
FAO	Food and Agriculture Organization
FHI	Family Health International
FOH	Federal Occupational Health
GSK	GlaxoSmithKline
ILRI	International Livestock Research Institute
IQC	Indefinite Quantity Contract
IST	Inter-Country Support Team
JSI	John Snow, Inc.
KOMNAS FBPI	National Committee for Avian Influenza Control and Pandemic Influenza Preparedness (Indonesia)
LAN	local area network
LMIS	logistics management information system
MAP	Medical Assistance Programs

MBB/CU	Multi-Bill-Booking/Contract-Utilization
MIS	management information system
MOA	Ministry of Agriculture
MOH	Ministry of Health
OAA	Office of Acquisition and Assistance
OR	operations research
PCR	polymerase chain reaction
PDF	portable document format
PMP	performance monitoring plan
PPE	personal protective equipment
QA	quality assurance
R1	first release
RAT	rapid antigen test
RDC	regional distribution center
RDMA	Regional Development Mission/Asia
SBS	Surveillance Biosecurity
SCM-OR	Supply Chain Management for Outbreak Response
SCMS	Supply Chain Management Systems
SEARO	Regional Office for South East Asia
SOP	standard operating procedure
SOT	Supply Operations Team
STC	short-term consultant
STOP-AI	Stamping Out Pandemic and Avian Influenza
TA	technical assistance
TO	task order
TO2	Task Order 2
UPS SCS	United Parcel Service Supply Chain Solutions, Inc.
USAID	U.S. Agency for International Development
USAID/W	U.S. Agency for International Development/Washington, DC
USDA	U.S. Department of Agriculture
UTM	universal transport medium
WHO/AFRO	World Health Organization/Regional Office for Africa
WPRO	Regional Office for the Western Pacific

Background

The USAID | DELIVER PROJECT, Task Order 2, Avian Influenza contract was awarded on March 22, 2007, to support the management of the U.S. Agency for International Development (USAID) Avian Influenza International Stockpile (AIIS) and to distribute avian influenza (AI) commodities to recipient countries throughout the globe. Ensuring the availability of personal protective equipment (PPE), decontamination equipment, and laboratory specimen and testing supplies supports the effective implementation of surveillance and outbreak response activities in countries at risk for and currently experiencing H5N1 outbreaks. Task Order 2 (TO2) was designed to meet the specific challenges of stockpile management and international distribution of the stockpile commodities. In addition to the initial Activity One award, Activity Two was enacted on September 27, 2007, allowing the task order (TO) to conduct further procurement to meet USAID AI priorities. The TO objectives are as follows:

- Establish and operate a secure and reliable global distribution mechanism for current and future USAID AIIS assets.
- Establish a comprehensive management information system (MIS) to provide up-to-date information on the assets managed by the global distribution mechanism.
- Procure, assemble, and distribute additional assets, as required.
- Provide technical assistance (TA) to recipient countries, as required.

Under TO2, the investments will lead to the following results:

- Stocks will be prepositioned in national and regional warehouses worldwide to ensure that national and international authorities will be able to respond to and contain disease outbreaks quickly.
- USAID will be able to:
 - Rapidly distribute additional stockpile commodities to countries when an outbreak occurs.
 - Have access to information on stockpile commodities available in U.S. and regional warehouses; on commodities shipped to and received in individual countries; and on quantities distributed and needed, by country.
 - Have cost-effectively procured additional assets to meet evolving highly pathogenic AI outbreak containment needs
- In-country coordination of the receipt, storage, and distribution of AIIS commodities will have improved.

Project Management

Now beginning its fourth year, under the leadership of John Snow, Inc. (JSI), each project subpartner contributes to the successful completion of the Task Order objectives. Medical Assistance Programs (MAP) International, a faith-based organization with more than 25 years of experience in warehousing and distribution of donated medical supplies, provides the project with advanced warehousing services. It also manages the day-to-day operations of the USAID AIIS warehouse in Savannah, Georgia. United Parcel Service Supply Chain Solutions, Inc. (UPS SCS), handles all shipping, shipment tracking, and in-country delivery of AIIS commodities, and manages the regional distribution center (RDC) warehouse in Bangkok, Thailand, which opened at the end of March 2008. Family Health International (FHI) supports the project by ensuring that all operations, including warehousing and any assembly of commodity kits, meet international quality standards. Crown Agents USA, Inc. (CAUSA), and PATH provide technical support by participating in procurement and TA activities in select countries. CAUSA can also provide country-level warehousing services where appropriate or necessary. The Manoff Group, Inc., provides strong support for Task Order 2 communications activities and reporting requirements.

The Task Order 2 (TO2), Avian Influenza management team continues to maintain regular communication with the USAID cognizant technical officer (CTO) via a weekly phone meeting. This enables the team to respond to the changing environment of the USAID strategy for AI containment and response, and to provide services to support new and evolving programs. USAID requests for information are met in a timely manner, drawing on inputs from the ORION/MIS, the project's financial management systems, and project records.

Task Order 2 Mandate:

In September 2009, USAID expanded the mandate for Task Order 2 to include the procurement and management of commodities for existing and emerging pandemic threats. This amendment to the TO2 scope of work enables us to participate in H1N1 and other pandemic response activities. TO2 is now considered part of USAID's Emerging Pandemic Threats consortium of projects—PREDICT, RESPOND, IDENTIFY, PREVENT, and PREPARE. TO2 will provide procurement services to the other five projects. TO2's official name has been changed to USAID | DELIVER PROJECT, Task Order 2, Supply Chain Management for Outbreak Response (SCM-OR).

Actions Pending USAID/Office of Acquisition and Assistance (OAA) Approval:

Task Order 2 is waiting for approval from OAA for the revised reporting requirements and to adjust the line items of the TO2 budget. The task order has requested ceiling increases for subcontractors 3i Infotech, Crown Agents, Manoff Group, MAP International, and PATH. Last, TO2 is awaiting authorization of key personnel change, confirming the appointment of Vanessa Richart as Task Order Director.

H1N1 Activities

TO2 continues to provide commodities and assistance to the World Health Organization (WHO) as part of USAID's response to the global H1N1 pandemic. At the request of USAID, TO2 procured ancillary vaccine supplies to be shipped to countries at the same time they receive the WHO-donated H1N1 vaccine. TO2 is assisting countries, when necessary, to develop comprehensive deployment plans for distributing the vaccine. For each USAID-supported country, TO2 prepares a proposal for how we will support the distribution of the first two percent of the donated vaccine, including the disbursement of funds to support these activities.

Short-Term Technical Assistance to WHO:

TO2 is providing commodities and assistance to WHO as part of USAID's response to the global H1N1 pandemic. To assist the WHO staff and coordinate the deployment of the H1N1 vaccine, USAID has approved the appointment of five short-term consultants (STCs). One program manager will work in the vaccine deployment office at WHO/Geneva; the other four STCs are working with the WHO Regional Office for Africa (WHO/AFRO) in the regional and subregional offices.

Ancillary Vaccine Supplies:

The project continued to coordinate with WHO on ancillary vaccine supply shipments to countries that were ready to receive their H1N1 vaccine donation from WHO. The project is coordinating directly with WHO/Geneva on the desired timing of the shipments, as well as the vaccine manufacturers and dose quantities. A new "green light" system was put in place whereby WHO is to provide clear instructions on countries ready for pre-positioning of ancillary supplies.

H1N1 Surveillance Technical Assistance:

Technical Director/Field Coordinator Jim Eberle and Senior Laboratory Expert Sameer Sakallah developed a readiness tool to assess the needs at each of the identified sites that require further verification of readiness to receive and use the polymerase chain reaction (PCR) equipment. A readiness assessment was conducted in Burkina Faso in March. In coordination with WHO/Regional Office for Africa (AFRO), assessments will be planned for the other countries such as Angola and Mozambique.

Regional H1N1 Meetings:

- USAID's Regional Development Mission/Asia (RDMA) hosted a meeting in Bangkok on November 12–13, 2009. The meeting brought together representatives from WHO's regional offices in Asia, including the Regional Office for the Western Pacific (WPRO), Regional Office for the Eastern Mediterranean (EMRO), and Regional Office for South East Asia (SEARO), to discuss the status of country H1N1 vaccine deployment strategies. Senior Technical Advisor Jim Bates and Jim Eberle, with representatives from PATH/Indonesia and PATH/Cambodia, attended the meeting. It was determined that East Timor, Laos, Mongolia, and Cambodia all required assistance with their deployment plans. Jim Eberle and Jim Bates provided the necessary technical assistance during the weeks following the meeting.
- The WHO Regional Office for Africa (AFRO) also hosted a meeting on November 16–27, 2009. This meeting brought representatives from participating African countries to Abuja to discuss the status of their H1N1 vaccine deployment plans. Senior Technical Advisor Ousmane

Dia attended the meeting. In addition, the short-term consultant who will assist WHO/AFRO in Brazzaville joined the meeting for the second week, with two of the three STCs who will join WHO's Inter-Country Support Teams (ISTs).

Regional Updates:

Asia—

- Mongolia: Project partner Crown Agents is managing the funding for in-country distribution of vaccine and ancillary supplies in Mongolia. The country received its second tranche of vaccine from WHO March 29, and the project will support this distribution as approved by USAID/Washington (USAID/W).
- Cambodia: The project will support the in-country distribution in Cambodia, which will take place the end of March and beginning of April. Project partner PATH has been identified to manage the disbursement of the approved funding.
- Pakistan: The task order is awaiting changes to the proposal for funding that would finalize the project's expected contribution. In April, Carlos Vahos will oversee the transfer and assist the local project office to manage the disbursement of funds and conduct training and orientation meetings.
- Indonesia: Russ Vogel, the TO2 in-country manager, has been working with the Ministry of Health (MOH), the local WHO office, and others to finalize the deployment plan and draft a proposal for funding. The task order will not finalize the funding proposal until the vaccination campaign and deployment plan have been finalized with Parliament and the MOH.
- Vietnam: The MOH in Vietnam is conducting clinical trials on the vaccine. Dragana Veskov provided technical assistance to finalize Vietnam's deployment plan. A funding proposal was drafted and will be reviewed with the Mission in early April. The Government of Vietnam requires vaccine trials before implementing the vaccination activity.
- Philippines: Local project partner CBL Courier Express will be collaborating with the MOH to coordinate local management and transport of the vaccine and ancillary supplies. WHO/Geneva has completed delivery of vaccine shipments, and the National Orientation was held March 18.
- Laos PDR: The project is supporting 17 districts for vaccine and ancillary supply disbursement. Project partner World Education will be managing the disbursement campaign in-country. The previous funding gap for other districts has been filled with the assistance of WHO/Geneva.
- East Timor: The proposal has been approved by USAID/W, and JSI partner TAIS (*Timor-Leste Integrated Health Assistance Project*) has been identified as the project partner for managing the funding for in-country distribution of vaccine and ancillary supplies.
- Sri Lanka: The transfer of ancillary supplies to the MOH and vaccine shipment has been on hold pending strict regulatory clearance. The vaccines are likely to be cleared for shipment by mid-April. The project is not being asked to provide any in-country distribution or funding support.
- Bangladesh: The MOH has asked WHO/Geneva to provide the country with the full 10 percent allocation quantities; the remaining 8 percent to be distributed will most likely be manufactured by CSL. The project will not be supporting the second phase (8 percent) vaccine distribution,

which the Mission confirms is understood by MOH. WHO will pull ancillary supplies from the basket to compensate for the gap created from phase I to phase II.

- Georgia: The project will not be providing disbursement and financial support to Georgia. WHO/Geneva will be working through UNOPS to support the freight booked for vaccine shipments targeted for April 10.
- Moldova: The deployment plan for Moldova has been approved. The MOH has requested a change from the 2 percent initial vaccine allocation to a total 10 percent, one-time vaccine shipment. The project is awaiting final assessment of the need for support, but it is not likely that the TO2 team will be providing support for disbursement activities.

Latin America—

- El Salvador: The vaccine and ancillary supplies have arrived in-country, and the project team has provided financial and distribution assistance. The MOH has requested the second phase of vaccines from WHO. The project is in communication with the MOH to determine the need for further assistance.
- Nicaragua: Ellen Clancy provided in-country support for the disbursement of funds and facilitation of the vaccine campaign. Nicaragua was the first country to complete the full cycle of vaccine and ancillary ordering, shipping, and disbursement.
- Guatemala: The deployment plan was approved on March 4, and vaccines and ancillaries were scheduled to ship on a delay to accommodate the Holy Week Holidays occurring the last week of March. The project will not be providing technical assistance support to Guatemala.

Africa—

- Nigeria: The project awaits finalized changes to the deployment plan based on the STCs' recommendation for a significant cost reduction in relation to funding for a high-cost waste-management plan. The proposal for funding to support the in-country distribution will be developed based on the revised deployment plan. The vaccine will come from the U.S. government-Novartis.
- Togo: Ousmane Dia and Dasha Migunov traveled to Togo in March to manage the disbursement funds for 35 districts. The vaccine campaign will be taking place alongside the nation's polio campaign in early April.
- Kenya: The ancillary supplies were delivered March 15 and 25, and the vaccine will be arriving in the first days of April. WHO/Geneva has agreed to cover funding gaps to operationalize the deployment plan. Project partner MMIS (Making Medical Injections Safer) will assist in funding disbursement and distribution of the vaccine and ancillary supplies.
- Malawi: Jim Eberle traveled to Malawi to provide technical assistance to development of the H1N1 vaccine deployment plan. He drafted a proposal for funding, which is currently under review. Once final details are confirmed by the MOH, the proposal will be submitted to USAID/W for approval.
- Senegal: Jean Ngantchou, AFRO STC, traveled to Senegal the week of March 15 to finalize the deployment plan. The ancillary supplies have full preclearance and should arrive in Senegal the

week of April 11. Project partner PATH will manage the funding disbursement for in-country distribution of vaccine and ancillary supplies.

- Ethiopia: Abdulquadir Oni, AFRO STC, provided technical assistance to partners in Ethiopia to finalize their national deployment plan. The plan has been submitted to WHO/Geneva for final approval. A funding proposal for in-country distribution has been drafted and is currently under review.

Global Distribution System

Warehouse Management

Warehouse and Operations

Commodity Support Optimization Group (CSOG):

Following a recommendation that the stakeholders improve their communications, a Commodity Support Optimization Group (CSOG) was formed in the spring of 2009. The group's goal is to improve communications and procurement performance, and maximize the efficiency of overall warehousing and distribution operations. Steve Hamel is conducting a process audit for the Supply Operations activities of the USAID | DELIVER PROJECT. Once the results of the audit are released, the CSOG will reconvene to review the findings and discuss ways to further improve operations.

USAID Stockpile—Savannah, Georgia

During the repacking of personal protective equipment (PPE) into the new 50-kit cartons, MAP discovered mold and mildew on the bottom of some of the original 25-kit cartons. After further inspection of these cartons, the warehouse staff found that some of the N95 respirators also had mold and mildew. The problem affects approximately 3 to 4 percent of the stockpile of PPE.

- The contaminated items were placed in quarantine. For quality assurance, Steve Hamel of FHI visited the MAP warehouse in December to review the items in quarantine and make a recommendation for their disposal.
- To combat this problem in the newly packaged 50-kit cartons, MAP retrofitted all of the PPE cartons with silica gel packets as a desiccant.

Regional Distribution Center—Bangkok, Thailand

Vietnam placed an order for 11,450 personal protective equipment (PPE) kits and four laboratory kits from the USAID stock stored in the Bangkok RDC. The order will be shipped in March. A local firm was contracted to dispose of the expired goods being held in the warehouse; the disposal was completed in November 2009. The remaining USAID stock will be distributed according to greatest need, as determined by USAID officials at the Regional Development Mission for Asia (RDMA). The contract for the warehouse ends March 31, 2010. If the project does not receive an order for the remaining PPE kits by March 15, the UPS work order will be extended.

Commodity Procurement

H1N1 Procurement:

Real time PCR machines and ancillary laboratory supplies have been procured to support the analysis of H1N1 samples in 25 countries. Jim Eberle and Sameer Sakallah developed a readiness tool to assess the needs at each of the identified sites that require further verification of readiness to

receive and use the PCR equipment. Readiness assessments were conducted in Malawi in February and were planned for Burkina Faso in March. In coordination with WHO/Regional Office for Africa (AFRO), assessments will be planned for Angola and Mozambique.

The project has also been tasked with procuring and distributing infection control commodities (gloves, surgical masks, goggles, and gowns) for use by health workers at surveillance sites in 54 target countries. TO2 is working with the U.S. Centers for Disease Control and Prevention (CDC) to determine which sites will receive the commodities. A data collection tool has been developed to quantify the need for commodities at each site and to help the TO determine a distribution plan for the infection control supplies. The tool was tested internally in December, and Jim Eberle conducted field tests in February.

To support WHO's H1N1 vaccine procurement, TO2 has procured 41 million 0.5 ml autodisable syringes, four million 5 ml autodisable syringes, and 500,000 safety boxes for the first 35 million doses of vaccine.

Freight Forwarding

See the attached Shipment Report.

Technical Assistance

Communications

TO2 has produced numerous communications products in support of Task Order 2 in the past six months:

- Indonesia: Cold Chain Study: Operational Research in Indonesia for More Effective Control of Highly Pathogenic Avian Influenza was published, printed, and posted on the USAID | DELIVER PROJECT website.
- TO2-related news story, USAID | DELIVER PROJECT, Task Order 2 Undertakes Expanded Mandate-Outbreak Response, was completed.
- Success Stories:(1) Fighting Endemic Avian Influenza in Indonesia's Poultry was posted to the project's website. (2) Bangladesh Teams with the USAID | DELIVER PROJECT to Reduce Reporting Time, highlighting the launch of the local area network (LAN) in the Bangladesh central warehouse offices, will be published in April.
- Fact Sheets covering vaccine storage and distribution: TO2 and partner AED have produced four publications outlining the guidelines for the storage and distribution of the H1N1 influenza vaccine manufactured by Sanofi, Novartis, GlaxoSmithKline (GSK), and CSL.

Country-Specific Technical Assistance

Bangladesh

The USAID | DELIVER PROJECT, Task Order 1 (TO1) will stop all operations in Bangladesh after March 2010. TO2 activities will continue through September 2010. USAID approved a budget increase to support the increased costs associated with managing the local office. The Department of Livestock Services (DLS) approved the distribution of 7,900 sets of PPE and 6,090 kilograms of Virkon.

Indonesia

In-Country Activities:

The vaccination intensification program has been put on hold. Meanwhile, the Operational Research extension (INVAC) will be a bridge between the vaccination campaigns. INVAC began October 12, 2009, and includes only the ten districts that were able to provide funding to support the campaign. TO2 is working with the Indonesia National Committee for Avian Influenza Control and Pandemic Influenza Preparedness (KOMNAS FBPI) to complete standard operating procedures for storing and stockpiling PPE. In addition, the in-country logistics specialist, Russ Vogel, is assisting the USAID mission in examining and assessing local warehouse facilities to determine their capacity to receive H1N.

The Lab Logistics Project was approved. The activity will support improved management of commodities to support sampling and analysis of influenza for human populations. As agreed in the

workplan, an assessment will begin in March 2010, followed by a laboratory logistics system design activity. Senior Technical Advisors Claudia Allers and Patrick Msipa are currently conducting the initial assessment that will inform the laboratory logistics system design. Their report will be available in April.

Nepal

Standard Operating Procedures (SOPs):

The USAID | DELIVER PROJECT in-country staff and the Directorate of Animal Health (DAH) have developed SOPs for avian influenza (AI) logistics; they have also developed a curriculum that outlines the proper management of AI commodities in controlling and preventing AI. The Ministry of Agriculture and Cooperatives and the Department of Livestock Services will use it. In January 2010, store personnel from six high-risk districts were trained using the curriculum. The Government of Nepal has confirmed the sporadic outbreak of H5N1 in March. The USAID | DELIVER PROJECT and the Directorate of Animal Health are working in combination to send 300 additional PPEs and 40 kilograms of Virkon to the infected region of Nawalparasi.

Logistics Management Information System (LMIS):

The in-country team and the DAH have developed an AI logistics reporting form (AI-LMIS) to collect stock information from the field. TO2 and DAH jointly visited three high-risk districts to test the AI-LMIS form; they found that storekeepers were able to fill out the form easily after minimal demonstration and coaching.

Nigeria

John Durgavich has been named Deputy Chief of Party for the USAID | DELIVER PROJECT field office in Abuja. He will work closely with local counterparts at the Ministry of Agriculture to restore support for AI activities.

The Ministry of Agriculture (MOA) has confirmed that Dr. Ezenwa Nwakanobi will remain the AI program manager. Reporting rates have dropped significantly since central-level involvement has decreased; we informed the MOA of the lull in reporting rates, and we hope to restore enthusiasm for the program.

Management Information System (MIS)

The MIS team implemented a software fix to improve accuracy of shipment data available on the USAID | DELIVER PROJECT website and also updated the website name for TO2. In addition to these fixes, we continued to work on implementing the Multi-Bill-Booking/Contract-Utilization (MBB/CU) project in 2010. The MIS team is testing the final phase (Multi-Bill-Booking) of the dual-phase MBB/CU project. Also, an emergency fix was implemented in ORION to improve the handling of stock availability dates. The primary focus of the MIS team continues to be day-to-day maintenance support, including ad hoc queries, system user assistance, and pre-project definition and estimation.

At the November 16 Change Control Board meeting, the team reviewed and concurred with the next steps in the MBB/CU project, the ORION release schedule for the next two years that contains key supply operations team changes, and projected web changes.

The MIS team continues to partner with SCMS (Supply Chain Management Systems), when possible, to reduce development time and improve customer service. After a joint review with the project, SCMS, and the USAID MIS advisor, it has been reinforced that, although both the project and SCMS started with the same ORION software, the business processes have diverged considerably and joint development efforts are unlikely. The project and SCMS will continue to communicate plans regularly, however, and share work products where possible, most likely management, planning, or documentation.

The electronic data interchange (EDI) Analysis Project is underway and on schedule; it is in the business analysis phase. The USAID MIS advisor and project sponsors provided the first sets of requirements, as scheduled, on March 19. The next set of requirements is due April 16 and is currently being documented. This is a very exciting project that will provide new capabilities and automation of data transfers between the project and USAID's freight forwarder, improving timeliness and accuracy. The next Change Control Board meeting is scheduled for April 8, 2010. At this meeting the current projects will be discussed, as will any suggested changes to upcoming priorities. This meeting also includes the monthly review of the EDI Analysis Project.

Maintenance Work Completed

Quantity and Value Summary Report:

The Quantity and Value Summary Report was accurate when displayed on the website. If the report was downloaded via PDF, however, the report information did not always translate accurately. This has been corrected.

RHInterchange:

The information supplied from the project to the RHInterchange (Reproductive Health) website was improved to enhance the timeliness and accuracy of the dates commodities were shipped and

received. These dates are now available as a result of the “Date Alignment Project” completed earlier.

View Shipments Web Reports:

The view shipments reports on the web were inaccurate if the shipment carried across a calendar year-end. The report would produce incomplete financials due to dropping some prior year transactions. This has been corrected and verified.

TO2 Name Change:

The name change for TO2 was implemented for all of the My Commodities reports on the website.

Changes Implemented for the ORION Suite and USAID | DELIVER PROJECT Website:

Stock Availability Dates: In certain infrequent instances, the ORION system did not permit Delivery Notes (DNs) to be submitted if the stock they required was not in place prior to the DN creation date. This was corrected by allowing the DN to be submitted regardless of stock date. This change required immediate correction and minimal resources.

Product Catalog Search Improvement:

This change improved the wording on the search feature for the product catalog. The prior description could lead to an incorrect assumption about the data that are available to be searched.

Maintenance Work in Progress

Changes in Progress to the ORION Suite and USAID | DELIVER PROJECT Website:

Multi-Bill Booking/Contract Utilization Project (Phase II MBB/CU): The project team is in the acceptance testing portion of phase II (Multi-Bill Booking). This phase will provide the capability to apply multiple freight bills to a shipment while ensuring financial reporting accuracy. The scheduled implementation in April remains on target.

Product Registration Report Changes:

Improvements to the website product registration reports are currently being analyzed.

Major Projects Status (funded in addition to maintenance)

EDI Analysis: The March 19 deliverable, business requirements for the 940 EDI, was provided as scheduled. The project continues to make progress and is on schedule. We are currently documenting the business analysis for the 214 Add (legs) EDI. This work phase is on target at 31 percent complete, with a scheduled delivery date of April 16.

Planned Objectives for Next Period

During the next reporting period, the project will continue to support the ongoing H1N1 pandemic influenza response in partnership with WHO and USAID. It is anticipated that the status of the pandemic may be downgraded in the coming months, based on its evolving epidemiological profile. The project is committed to working with USAID to negotiate with WHO a final ancillary distribution strategy to use the existing inventory effectively. In addition, the project will seek to complete its in-country support to recipient countries by the end of August. Completion of these important activities will be an intensive process and will be done in collaboration with USAID to ensure that agency goals and objectives continue to be met.

In addition to the H1N1 vaccination program, TO2 will continue to support the distribution of the PCR equipment to identified countries, including providing readiness assessments for those identified countries, including Mozambique, Malawi, and Angola.

The project will also hold its Project Technical Meeting, which brings together staff from around the world to discuss the current state of the art in logistics management in the countries where we work. Country Directors from Indonesia, Nepal, Bangladesh, and Nigeria will be in Washington, providing an excellent opportunity to collaborate and discuss challenges and lessons learned across the TO2 programs, as well as promote cross-fertilization with TO1 and TO3 country programs. There will be dedicated sessions for Indonesia Operations Research lessons learned and a session for Country Directors on the H1N1 pandemic influenza activities.

Appendix A

Performance Monitoring Plan

Scorecard Perspective	Indicator of Performance	Definition	Target Quality Level	# in Target this Period YTD	# in Count this Period YTD	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	YTD Result
On Tim Shipments / Shipper Performance	Expedited Air Orders by Arrival at Destination Port Date	Expedited Air shipments with Arrival at Port Date no more than 2 days later than the Desired Receipt Date	80%	0	0							
	Standard Air Orders by Arrival at Destination Port Date	Standard Air shipments with Arrival at Port Date no more than 7 days later than the Desired Receipt Date	80%	59	66	50%	100%	100%	100%	87%	94%	89%
	Land Orders by Actual Arrival Date	Land Freight shipments with Arrival at Port Date no more than 1 month later than the Desired Receipt Date	80%	4	4	100%	100%		100%	100%		100%

Scorecard Perspective	Indicator of Performance	Definition	Target Quality Level	# in Target this Period YTD	# in Count this Period YTD	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	YTD Result
	Sea Freight Orders by Arrival at Destination Port Date	Ocean Freight shipments with Arrival at Port Date no more than 1 month later than the Desired Receipt Date	80%	6	6	100%			100%	100%		100%

Supplier Performance	Order fill rate: Full quantity of an order (PO) available on time by ASN Scheduled Ship Date	Percent of Purchase Orders (full quantity) with an ASN Scheduled Ship Date in reporting month that is no later than 7 working days of Goods Available Date from PO										
			80%	5	5	100%	100%	100%		100%		100%
	PT Medion		80%	5	5	100%	100%	100%		100%		100%
	Synbiotics		80%	1	1	100%						100%
	Becton Dickinson		80%	6	6		100%	100%				100%
	Fisher Scientific		80%	28	30		50%	0%	100%		100%	93%
	Inter-Marketing Group		80%	1	1		100%					100%
	Obbco Safety and Supply		80%	0	1		0%					0%
	Polynor AS		80%	1	1			100%				100%
	PT Medibest		80%	1	1			100%				100%
	Toko Sinar Raya		80%	1	1			100%				100%
	Audio Plaza Shop		80%	1	1				100%			100%
	Life Technologies Corporation		80%	26	26				100%			100%
	Pt. Aneka Jaya Langgeng Sentosa		80%	1	1				100%			100%
	Pt. Royal Sutan Agung		80%	1	1					100%		100%
	Qiagen GMBH		80%	20	20					100%		100%
	C. WOERMANN (GHANA) LTD.		80%	0	0							

Scorecard Perspective	Indicator of Performance	Definition	Target Quality Level	# in Target this Period YTD	# in Count this Period YTD	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	YTD Result
Warehouse Performance	**Right Quantity Received by Actual Receipt Date	Percent of quantities received compared to quantities ordered for shipments received in this reporting period	100%	73	73	100%	100%	100%	100%	100%		100%
	Right Condition by Actual Receipt Date	Percent of reported shipments arriving in perfect condition against total shipments	100%	73	73	100%	100%	100%	100%	100%		100%
	Inventory Discrepancies by Adjustment Date	Number and value of inventory discrepancies this month	0	N/A	3	0	0	3	0	0	0	3
\$0.00			N/A	\$3,923.82	\$0.00	\$0.00	\$3,923.82	\$0.00	\$0.00	\$0.00	\$3,923.82	



GREEN 80% = On or above Target



YELLOW = 79% - 65% Below target within defined tolerable range



64% or less Below Target

**Shipments received less than +/- one percent of the shipped quantity (industry standard) will be counted as fully received.

Appendix B

Shipment Quantities and Values

Quantity Summary by Subcategory
EPT - from 01-Oct-2009 through 31-Mar-2010

Run date: 17-Feb-2011
Run time: 03:06:41 PM

	AI Animal RDT	AI Animal RDT	Disinfectant	Disinfectant	Lab Kits	Lab Kits	Laboratory Supplies	Laboratory Supplies	Outbreak Response Misc.	Outbreak Response Misc.	PPE Kits	PPE Kits	Vaccination Ancillary Supplies	Vaccinatio n Ancillary Supplies	Total Value
	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	
Africa															
Angola	0	\$0	0	\$0	0	\$0	20	\$1,420	N/A	\$0	0	\$0	N/A	\$0	\$1,420
Burkina Faso	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	50,000	\$480,116	N/A	\$0	\$480,116
Congo	0	\$0	24	\$1,282	10	\$8,076	0	\$0	N/A	\$1,318	51,500	\$526,540	N/A	\$0	\$537,216
Congo, Democratic Republic of	0	\$0	0	\$0	0	\$0	309	\$120,453	N/A	\$2,119	0	\$0	N/A	\$0	\$122,572
Cote D'Ivoire	0	\$0	0	\$0	0	\$0	309	\$119,752	N/A	\$2,093	0	\$0	N/A	\$0	\$121,845
Ethiopia	0	\$0	0	\$0	0	\$0	309	\$116,910	N/A	\$2,040	0	\$0	N/A	\$0	\$118,950
Ghana	0	\$0	0	\$0	0	\$0	340	\$158,793	N/A	\$1,986	0	\$0	N/A	\$15,138	\$175,917
Kenya	0	\$0	0	\$0	0	\$0	289	\$116,613	N/A	\$2,059	0	\$0	N/A	\$80,904	\$199,576
Nigeria	0	\$0	0	\$0	0	\$0	289	\$115,445	N/A	\$2,033	0	\$0	N/A	\$0	\$117,478
Rwanda	0	\$0	0	\$0	0	\$0	289	\$116,140	N/A	\$2,044	0	\$0	N/A	\$0	\$118,184
Senegal	0	\$0	0	\$0	0	\$0	320	\$160,788	N/A	\$2,047	0	\$0	N/A	\$0	\$162,835
South Africa	0	\$0	0	\$0	0	\$0	340	\$162,999	N/A	\$2,014	0	\$0	N/A	\$0	\$165,013
Tanzania	0	\$0	0	\$0	0	\$0	279	\$102,719	N/A	\$2,023	0	\$0	N/A	\$0	\$104,742

	AI Animal RDT	AI Animal RDT	Disinfectant	Disinfectant	Lab Kits	Lab Kits	Laboratory Supplies	Laboratory Supplies	Outbreak Response Misc.	Outbreak Response Misc.	PPE Kits	PPE Kits	Vaccination Ancillary Supplies	Vaccination Ancillary Supplies	Total Value
	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	
Togo	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	0	\$0	N/A	\$23,971	\$23,971
Uganda	0	\$0	0	\$0	0	\$0	309	\$115,547	N/A	\$2,018	0	\$0	N/A	\$0	\$117,565
Zambia	0	\$0	0	\$0	0	\$0	299	\$104,882	N/A	\$2,037	0	\$0	N/A	\$0	\$106,919
Zimbabwe	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	50,000	\$485,048	N/A	\$0	\$485,048
Total Africa	0	\$0	24	\$1,282	10	\$8,076	3,701	\$1,512,461	N/A	\$25,831	151,500	\$1,491,704	N/A	\$120,013	\$3,159,367
Asia															
Afghanistan	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	50,000	\$445,704	N/A	\$73,096	\$518,800
Bangladesh	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	0	\$0	N/A	\$250,029	\$250,029
Cambodia	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	0	\$0	N/A	\$33,500	\$33,500
East Timor	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	0	\$0	N/A	\$18,734	\$18,734
Indonesia	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$169,919	0	\$0	N/A	\$420,071	\$589,990
Kyrgyzstan	2	\$500	0	\$0	20	\$15,531	0	\$0	N/A	\$634	200	\$2,301	N/A	\$0	\$18,966
Laos	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	0	\$0	N/A	\$64,258	\$64,258
Mongolia	0	\$0	28	\$1,480	0	\$0	0	\$0	N/A	\$0	2,000	\$23,691	N/A	\$17,209	\$42,380
Myanmar	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$3,418	10,350	\$93,923	N/A	\$111,498	\$208,839
Nepal	0	\$0	20	\$1,691	0	\$0	0	\$0	N/A	\$0	0	\$0	N/A	\$0	\$1,691
Pakistan	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	0	\$0	N/A	\$335,909	\$335,909
Philippines	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	0	\$0	N/A	\$198,090	\$198,090
Sri Lanka	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	0	\$0	N/A	\$46,714	\$46,714
Thailand	0	\$0	44	\$1,718	0	\$0	0	\$0	N/A	\$287	900	\$7,875	N/A	\$0	\$9,880
Vietnam	0	\$0	0	\$0	8	\$5,593	0	\$0	N/A	\$4,039	11,450	\$111,982	N/A	\$0	\$121,614
Total Asia	2	\$500	92	\$4,889	28	\$21,124	0	\$0	N/A	\$178,297	74,900	\$685,476	N/A	\$1,569,108	\$2,459,394
Europe & Eurasia															
Azerbaijan	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	0	\$0	N/A	\$32,844	\$32,844
Ukraine	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	0	\$0	N/A	\$29,086	\$29,086
Total Europe & Eurasia	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	0	\$0	N/A	\$61,930	\$61,930

	AI Animal RDT	AI Animal RDT	Disinfectant	Disinfectant	Lab Kits	Lab Kits	Laboratory Supplies	Laboratory Supplies	Outbreak Response Misc.	Outbreak Response Misc.	PPE Kits	PPE Kits	Vaccination Ancillary Supplies	Vaccination Ancillary Supplies	Total Value
	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	
Latin America/Caribbean															
Anguilla	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	1,250	\$13,090	N/A	\$0	\$13,090
Antigua and Barbuda	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	800	\$8,204	N/A	\$0	\$8,204
Barbados	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	800	\$8,500	N/A	\$0	\$8,500
Belize	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	350	\$3,607	N/A	\$0	\$3,607
Bolivia	0	\$0	0	\$0	0	\$0	261	\$43,998	N/A	\$2,241	0	\$0	N/A	\$39,017	\$85,256
Colombia	0	\$0	0	\$0	0	\$0	10	\$11,651	N/A	\$0	0	\$0	N/A	\$0	\$11,651
Dominican Republic	0	\$0	0	\$0	0	\$0	10	\$11,943	N/A	\$0	0	\$0	N/A	\$0	\$11,943
Ecuador	0	\$0	0	\$0	0	\$0	289	\$111,704	N/A	\$1,970	0	\$0	N/A	\$0	\$113,674
El Salvador	0	\$0	0	\$0	0	\$0	279	\$99,947	N/A	\$1,968	0	\$0	N/A	\$19,882	\$121,797
Guatemala	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	0	\$0	N/A	\$8,132	\$8,132
Guyana	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	1,000	\$10,825	N/A	\$0	\$10,825
Haiti	0	\$0	0	\$0	0	\$0	340	\$152,405	N/A	\$1,920	0	\$0	N/A	\$0	\$154,325
Montserrat	0	\$0	16	\$773	0	\$0	0	\$0	N/A	\$0	400	\$4,330	N/A	\$0	\$5,103
Nicaragua	0	\$0	0	\$0	0	\$0	231	\$27,417	N/A	\$2,018	0	\$0	N/A	\$14,607	\$44,042
Panama	0	\$0	0	\$0	0	\$0	79	\$117,020	N/A	\$0	0	\$0	N/A	\$0	\$117,020
Peru	0	\$0	0	\$0	0	\$0	231	\$31,360	N/A	\$2,309	0	\$0	N/A	\$0	\$33,669
Saint Lucia	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	800	\$9,081	N/A	\$0	\$9,081
Trinidad and Tobago	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	3,000	\$30,624	N/A	\$0	\$30,624
Virgin Islands (British)	0	\$0	0	\$0	0	\$0	0	\$0	N/A	\$0	1,300	\$13,695	N/A	\$0	\$13,695
Total Latin America/Caribbean	0	\$0	16	\$773	0	\$0	1,730	\$607,445	N/A	\$12,426	9,700	\$101,956	N/A	\$81,638	\$804,238
Others															
United States	0	\$0	0	\$0	2	\$1,263	0	\$0	N/A	\$767	350	\$3,183	N/A	\$0	\$5,213
Total Others	0	\$0	0	\$0	2	\$1,263	0	\$0	N/A	\$767	350	\$3,183	N/A	\$0	\$5,213
Grand Total	2	\$500	132	\$6,944	40	\$30,463	5,431	\$2,119,906	N/A	\$217,321	236,450	\$2,282,319	N/A	\$1,832,689	\$6,490,142

	AI Animal RDT	AI Animal RDT	Disinfectant	Disinfectant	Lab Kits	Lab Kits	Laboratory Supplies	Laboratory Supplies	Outbreak Response Misc.	Outbreak Response Misc.	PPE Kits	PPE Kits	Vaccination Ancillary Supplies	Vaccinatio n Ancillary Supplies	Total Value
	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	
N/A: This subcategory contains items of differing type or unit of measure which can't be combined into a total. For quantities of the individual items in this subcategory, please use the "Quantity and Value Summary Report" and select an item.															

Appendix C

Annual Financial Performance Report

USAID|DELIVER PROJECT

Task Order 2: SCM Outbreak Response

Annual Performance Report to USAID

October 1, 2009 - March 31, 2010

TO2 Expenditures by Budget Line Item

Budget Line Item	Approved TO Budget	Cumulative Expenditures To Date	Pipeline Mar-10
Salaries	\$5,279,331	\$1,026,178	\$4,253,153
Overhead	\$3,622,577	\$704,144	\$2,918,433
Other Direct Costs	\$3,458,378	\$672,228	\$2,786,150
Procurement Services	\$47,135,271	\$9,161,992	\$37,973,279
Subcontracts	\$2,164,174	\$420,665	\$1,743,509
Fee	\$449,709	\$87,413	\$362,296
Total	\$62,109,440	\$12,072,619	\$50,036,821

TO2 Expenditure by Activity

Activity	Total Budget (Obligated)	Cumulative Expenditures To Date	Pipeline as of Mar-10
Project Management Total	\$6,682,828	\$1,298,985	\$5,383,843
AFRO/Geneva Secondments	\$776,109	\$150,857	\$625,252
In Country Distribution Totals	\$1,171,968	\$227,803	\$944,165
Central Services	\$1,173,617	\$228,124	\$945,493
Supply Operations	\$1,719,253	\$334,183	\$1,385,071
MIS Total	\$520,016	\$101,079	\$418,937
Bangladesh TA	\$680,523	\$132,278	\$548,246
Indonesia Bird Vacc TA	\$957,584	\$186,132	\$771,452
Indonesia Lab Logistics Activity	\$264,901	\$51,490	\$213,410
Nepal TA	\$107,747	\$20,943	\$86,803
Nigeria TA	\$67,518	\$13,124	\$54,394
Communications Total	\$402,396	\$78,216	\$324,179
Fixed Fee	\$449,709	\$87,413	\$362,296
Sub Total Technical Assistance	\$14,974,169	\$2,910,627	\$12,063,542
Procurement Services TA Total	\$8,213,664	\$1,596,544	\$6,617,120
Commodities Total	\$38,921,608	\$7,565,448	\$31,356,160
Sub Total Procurement Services	\$47,135,271	\$9,161,992	\$37,973,279
Grand Total	\$62,109,440	\$12,072,619	\$50,036,821

check 62,109,440 12,072,619 50,036,821

difference - - -

For more information, please visit deliver.jsi.com.

USAID | DELIVER PROJECT

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