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VERIFICATION OF HIV/AIDS KITS AND COMMODITIES

DELIVER PROJECT

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VERIFICATION OF HIV/AIDS KITS AND COMMODITIES

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DISCLAIMER

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ACRONYMS

AIMC	Allama Iqbal Medical College
AJK	Azad Jammu and Kashmir
CSPro	Census and Survey Processing System
CWS	Central Warehouse System
DG	Director General
DHO	District Health Officer
FATA	Federally Administered Tribal Areas
GDN	Goods Delivery Note
GRD	Goods Receiving Note
GOP	Government of Pakistan
HIV	Human Immunodeficiency Virus
HMC	Hayatabad Medical Complex
JSI	John Snow, Inc.
KPK	Khyber Pakhtunkhwa
LMIS	Logistics Management Information System
LOI	Letter of Intent
MEP	Monitoring and Evaluation Program
MSI	Management Systems International
NIBD	National Institute of Blood Diseases
NACP	National AIDS Control Program
PACP	Punjab AIDS Control Program
PCR	Polymerase Chain Reaction
PIMS	Pakistan Institute of Medical Sciences
SACP	Sindh AIDS Control Program
SDP	Service Delivery Point
TOP	Task Order Plan
UPS	United Parcel Service
USAID	United States Agency for International Development

EXECUTIVE SUMMARY

USAID/Pakistan's DELIVER Project is supplying HIV/AIDS testing kits and related commodities to the national and provincial AIDS control programs in Pakistan over a two year period from 2012 to 2014.

USAID/Pakistan's Health Office tasked MEP to conduct monitoring of the HIV/AIDS kits and commodities procured in 2012. This monitoring assignment covers the first two installments, which are being treated as a one year supply. In this context, MEP conducted site visits to all eight sites where kits and commodities are sent. These sites include the national hub, two provincial program offices, and five service delivery points (SDP). Site visits were completed over a three week period during April 2013.

The monitoring team collected data using four different methods to triangulate information to enhance data reliability. The methods utilized included interviews, record verification, observation, and photographs. A comprehensive instrument incorporating all these methodologies was used to verify commodity receipts and the number of kits in stock. Data collected were verified against records supplied by the DELIVER Pakistan prior to data collection.

Although there were small discrepancies, overall the procurement of the HIV/AIDS kits and commodities matched the distribution plan obtained from DELIVER. In the case of service delivery points, there was no defined mechanism in place which outlined the commodities which were to be distributed or the quantities.

There were slight variances for one particular testing kit type, the Polymerase Chain Reaction (PCR) mini kit at the national and provincial levels and SDPs. Another group of commodities, BD Trucount tubes, was erroneously provided in double quantities to the national hub. USAID branding was visible on the cartons of all commodities and on five out of ten individual boxes of commodities. Five of the eight sites visited also had complete records and documentation. Packaging was excellent except for one commodity at the Sindh AIDS Control Program (SACP) Office. Temperatures were maintained as required for each commodity. Two of the commodities were expired: all of the calibrate beads and supplies in two sites for the Qiagen kits.

INTRODUCTION

MSI was tasked to verify that HIV/AIDS kits and related commodities procured by JSI/SCMS have reached the intended destinations in Pakistan. JSI/SCMS¹ procured and delivered the commodities to five locations in coordination with JSI/DELIVER Pakistan which provided coordination with global and local stakeholders, in-country difficult to manage customs clearance and onward distribution, and coordination for GOP distribution plans.

The verification exercise conducted sought to examine all aspects of the distribution chain in order to identify if there were any issues related to the delivery, storage, and distribution of the JSI/SCMS procured HIV/AIDS kits and commodities. This included visits to the central and provincial hubs as well as the service delivery points located in the provinces.

Project Background

The USAID-funded Health Supplies Distribution Project, known as the DELIVER Project (DELIVER), began operations in Pakistan in August 2009. The project is focused on improving and enhancing the Government of Pakistan's in-country distribution and health commodity supply chains. Implemented by John Snow, Inc. (JSI), the DELIVER Project aims to help the Planning Commission of Pakistan, provincial and regional departments of health, and non-government organizations to determine the correct amount of health commodities to order each year, establish a modern storage and tracking system, and improve the distribution system throughout the country. The project also aims to ensure multilevel coordination on the delivery of health commodities by working closely with the Government of Pakistan.

The DELIVER Project provides extensive technical support to the GOP in the areas of contraceptive forecasting, procurement planning, warehouse management, supply chain strengthening, and automation of warehouse and logistics management information systems. The overall project goals are to:

- a) Improve central warehouse and supply (CWS) operations;
- b) Improve procurement capacity and contraceptive supplies;
- c) Establish the logistics management information system (LMIS); and
- d) Build capacity and enhance means of quality assurance.

Purpose of the Assignment

The purpose of this task is to verify that the JSI/SCMS test kits and other supplies for HIV/AIDS have reached the intended destinations at the provincial level hubs and service delivery points. This verification exercise will provide feedback to USAID to improve the supply chain of health commodities in Pakistan

Assignment Overview

USAID/Pakistan's Health Office has requested the Monitoring and Evaluation Program to conduct monitoring of the HIV/AIDS kits and commodities procured by JSI/SCMS in 2012. In this context MEP

¹ These commodities are paid for with PEPFAR funding through JSI/SCMS under the Pakistan Mission's substantial funding at \$3.85million over two years.

conducted site visits to the national hub, two provincial program offices, and five service delivery points. The output from each site visit is presented in this report.

At the outset, MEP scheduled meetings with DELIVER Project staff and the USAID Health Office to discuss the monitoring plan. MEP also obtained and circulated a letter of introduction from the DELIVER Country Director addressed to the Director Generals and Directorates of Health Services at the federal, provincial and regional levels of the Government of Pakistan. The letter was used to facilitate field visits, meet the relevant personnel at each location, and use a monitoring tool to verify the commodities.

After conducting initial visits and collecting relevant information, an instrument was prepared and pre-tested at a location in Islamabad. After the pre-test, the team shared the revised instrument with USAID. The final data collection instrument is attached as Annex 2.

Data was collected over a three-week period. MSI presented initial findings to USAID during a mid-term debrief on May 14, 2012. As planned, the draft report is being submitted on June 3, 2013 and the final report incorporating feedback from USAID will be submitted June 30, 2013. The design of the monitoring approach, management of the task, review of documents, design of data collection instruments, content analysis of data, and report writing was completed by MEP staff.

MONITORING DESIGN AND METHODOLOGY

Work on this assignment began in January 2013 when MEP held initial meetings with the Health Office and DELIVER. In March, the Monitoring Team began collecting documents and additional information pertinent to the assignment, conducted initial site visits and designed and pre-tested instruments. Fieldwork began in April. The Task Order Plan (No. 39) was re-submitted in response to comments from USAID and approved on April 5, 2013.

Preparation for Field Work

Preparation for field work involved a number of meetings with different stakeholders. MSI held meetings with the DELIVER team and the USAID technical office to discuss the monitoring plan. Two visits to National AIDS Control Program (NACP) site in Islamabad were conducted to understand the commodity distribution process and view the commodities. This aided greatly in the development of the monitoring instruments. Additional information on how goods were distributed from the provinces to the service delivery points was obtained through phone calls and emails prior to the commencement of field activities.

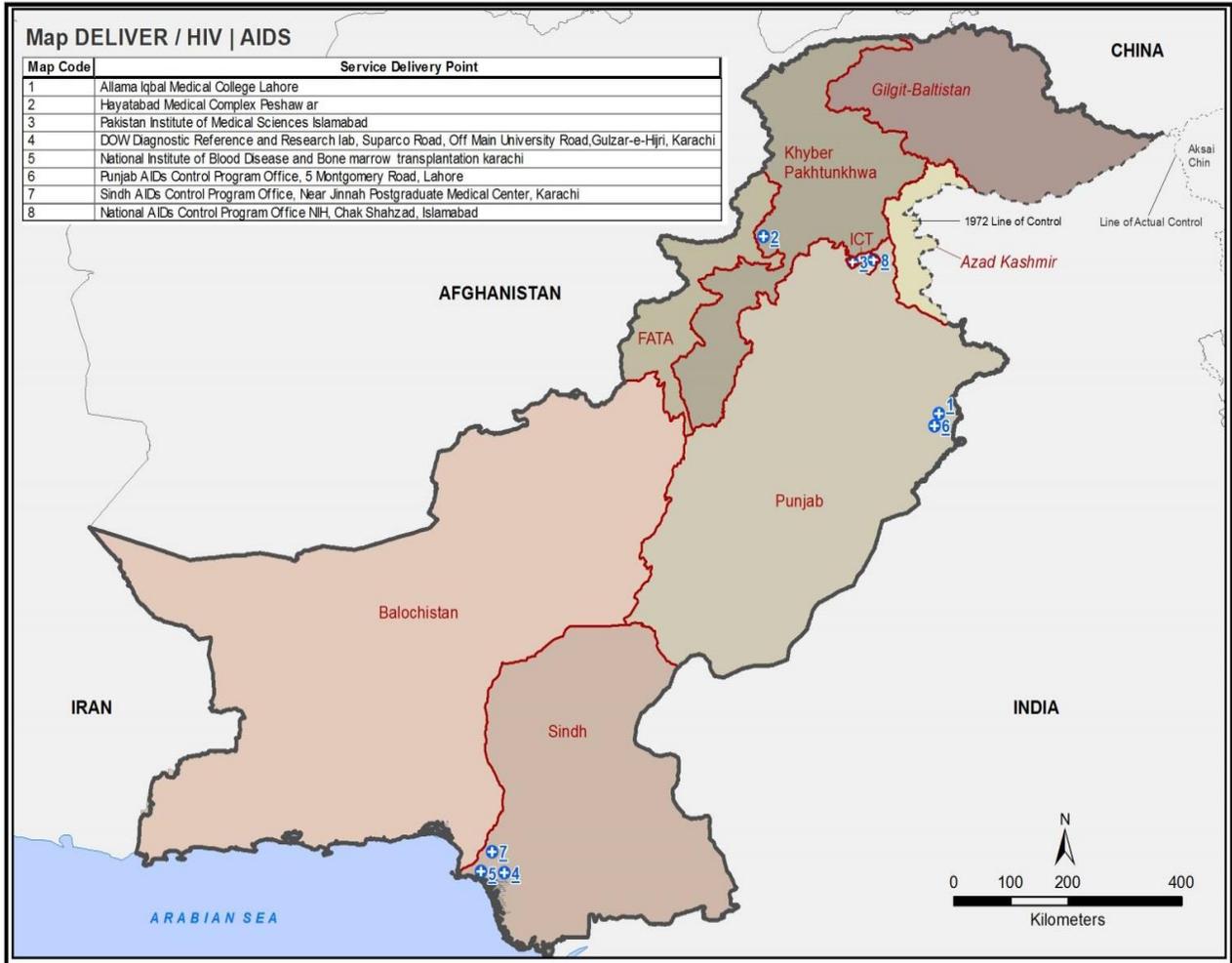
Monitoring Sites

The HIV/AIDS kits and commodities are delivered to the National AIDS Control Program in Islamabad. From there they are delivered to the Sindh AIDS Control Program (SACP) in Karachi and the Punjab AIDS control Program (PACP) in Lahore for further distribution to the service delivery points at the National Institute of Blood Disease (NIBD) in Karachi, the Dow University of Health Sciences in Karachi, and the Allama Iqbal Institute of Medical Sciences (AIMS) in Lahore. Visits were also conducted at service delivery points at the Pakistan Institute of Medical Sciences (PIMS) in Islamabad and the Hayatabad Medical Complex for Khyber Pakhtunkhwa (KPK) in Peshawar.

There was no intended procurement for Azad Jammu and Kashmir (AJK), Gilgit Baltistan, or the Federally Administered Tribal Areas (FATA). Kits and commodities for Balochistan were sent to SACP in Karachi.

The eight sites that were visited for the monitoring exercise are shown on the map below.

FIGURE I: MAP OF SITES VISITED BY MEP TEAM



Data Collection Methods

Four different methods were used to collect data in the field. These methods are:

1. **Interviews:** Key informant interviews using a semi-structured questionnaire were conducted with groups of individuals responsible for the record keeping, storage, and/or usage of the kits and commodities. Interviews were pre-arranged prior to the site visit.
2. **Record Verification:** This is critical to the entire verification process. MEP monitors visited the sites at a time when not all of the commodities were available at each site. Some of the commodities might have been used and others might have been moved to the next level. Verifying records for delivery receipts (Goods Delivery Note), stock records, and delivery transactions (Goods Receipt Note) were important to the entire distribution process. All documentation pertaining to the supply chain for each site was photographed.
3. **Observation:** The Monitoring Team conducted physical inspections of the kits in order to verify the total number of kits received. This method also allowed the Monitoring Team to verify that appropriate temperatures were maintained where required. The expiry dates were also checked to record the life of each kit type. Observation combined with record verification was helpful to identify missing commodities/quantities.
4. **Photographic evidence:** In addition to documenting records, the Monitoring Team took photographs of the packaging, branding, item specifications, and, most importantly, expiry dates for the commodities.

The different data collection methods were used to triangulate information to enhance data reliability. Data collected were verified against records already collected by MEP to check if they match and this was checked against initial tables generated from the database. For example, a Goods Received Note (GRN) at the service delivery point was checked against the Good Delivery Note (GDN) at the provincial program office, after which the commodities delivered were physically checked and counted.

Notification

The Monitoring Team contacted the relevant persons at the federal, provincial and service delivery points to apprise them of the verification exercise that would be conducted. Appointments were made once dates of travel were finalized. The Chief of Party (COP) of DELIVER sent a letter of introduction to the Director Generals Departments and Directorates of Health Services at the federal, provincial and regional levels of the Government of Pakistan to facilitate the exercise

Instrument Design and Testing

Based on document review and initial visits to the central hub in Islamabad, MSI designed a comprehensive instrument to verify commodity receipt and quantities that incorporated all methodologies required for the assignment.

The initial instrument was tested at the Pakistan Institute of Medical Sciences (PIMS) in Islamabad. Minor changes were made to the instrument after the pre-test. The revised instrument was shared with USAID on March 23, 2013. The instrument included an introduction, instructions for each section, and prompts for skipping as needed. The guidelines on each question provide notes for the field monitor to go through the questionnaire.

Monitors were required to substantiate all of their observations related to the record or stocks with supporting documentation and pictures. In cases where copies of the required documentation were not available, monitors took photos of the supporting documents.

The instrument was administered in English and was used at all eight locations. Interviews were conducted in Urdu and/or English.

Database and Analysis

The database for the assignment was developed by the IT Department at MEP using a software package called Census and Survey Processing System (CSPro). All data from the instruments were inputted into the database. Photographic evidence was coded for easy retrieval.

The data were tabulated and used for analysis. Hard copies of the instruments, supporting documentation, and photographs are kept on file at the MEP office.

Data Quality Limitations

The data collection is subject to a few minor limitations. First, there may be some subjectivity in judging room temperatures and store conditions as these were based on the respondents' feedback and the monitor's estimates in these situations. Second, it was not possible to see the contents of cartons that were sealed. This was the case with some items not being used currently. It was also not possible to check kit contents for working condition/functionality. Lastly, the condition of the equipment was based on the judgment of those interviewed at the start of the site visit and the monitors conducting the store checks.

VERIFICATION ACTIVITIES

The following section gives an overview of the intervention, the types of commodities being supplied for two kinds of testing and their specifications, and an outline of the distribution process by site type.

Intervention Overview

DELIVER is supplying HIV/AIDS testing kits and related commodities to the federal and provincial AIDS Control Programs in Pakistan semi-annually over a two year period from 2012 to 2014. The project's interventions around this particular procurement focus around two key objectives: 1) improving the performance of the health system by redressing weak supply management systems, and 2) improving the availability of HIV/AIDS testing kits in the country. This is being achieved by working in partnership with the relevant government departments to control the spread of HIV/AIDS in Pakistan.

The HIV/AIDS kits and related commodities are being procured and supplied in four installments over a two-year period. The first two installments arrived together and were treated by DELIVER as a first-year supply. The MEP Team verified goods delivered between June and October 2012. These are the quantities to be verified in this monitoring assignment. The third and fourth installments are expected to arrive in Pakistan in January 2014 and June 2014.

Commodity Types and Specifications

Ten types of commodities were procured and distributed by JSI/SCMS procured and delivered in coordination with JSI/DELIVER Pakistan. Eight of these commodities are used for conducting CD4 tests and two are used for carrying out viral loads tests. These are:

TABLE I: KITS AND COMMODITIES BY TEST TYPE

Commodity Type	
CD 4 Testing	Viral Load Testing
FACS Calibur Kits Tritests with TRUCOUNT tubes (CD3/CD4/CD8 markers)	Molecular, PCR, QIAmpViral RNA Mini Kit (extraction), 50 Tests
Calibrite Beads	Qiagen HIV-I RGRT-PCR kit (96)
Sheath Fluid: FACS caliber (20 liters per pack)	
Glass Falcon Tubes(1000 per pack)	
FACS clean liquid 5 liter per pack	
FACS rinse liquid 5 liter per pack	
FACS lyse liquid 100 ml	
BD Trucount Tubes Cat(50 per pack)	

Commodity Temperature Specifications

Of the 10 commodities being supplied by DELIVER, four commodities are stored at room temperature ranging from 15 to 25 degrees Celsius. Others require refrigeration, namely FACS Calibur test kits, calibrite beads, and FACS lyse liquid. Qiagen, which is used for viral loads tests, requires that a temperature of -20 degrees Centigrade be maintained.

TABLE 2: TEMPERATURE SPECIFICATION BY COMMODITY

Commodity	Temperature(degrees Centigrade)
FACS Calibur Tests	2-8
Molecular PCR RNA Mini Kit	15-25
Calibrite beads	2-8
Sheath Fluid	15-25
Glass Falcon Tubes	15-25
FACS Clean Liquid	2-30
FACS Rinse Liquid	2-30
FACS Lyse Liquid	2-30
BD Trucount tubes	15-25
Qiagen HIV Kit	-20

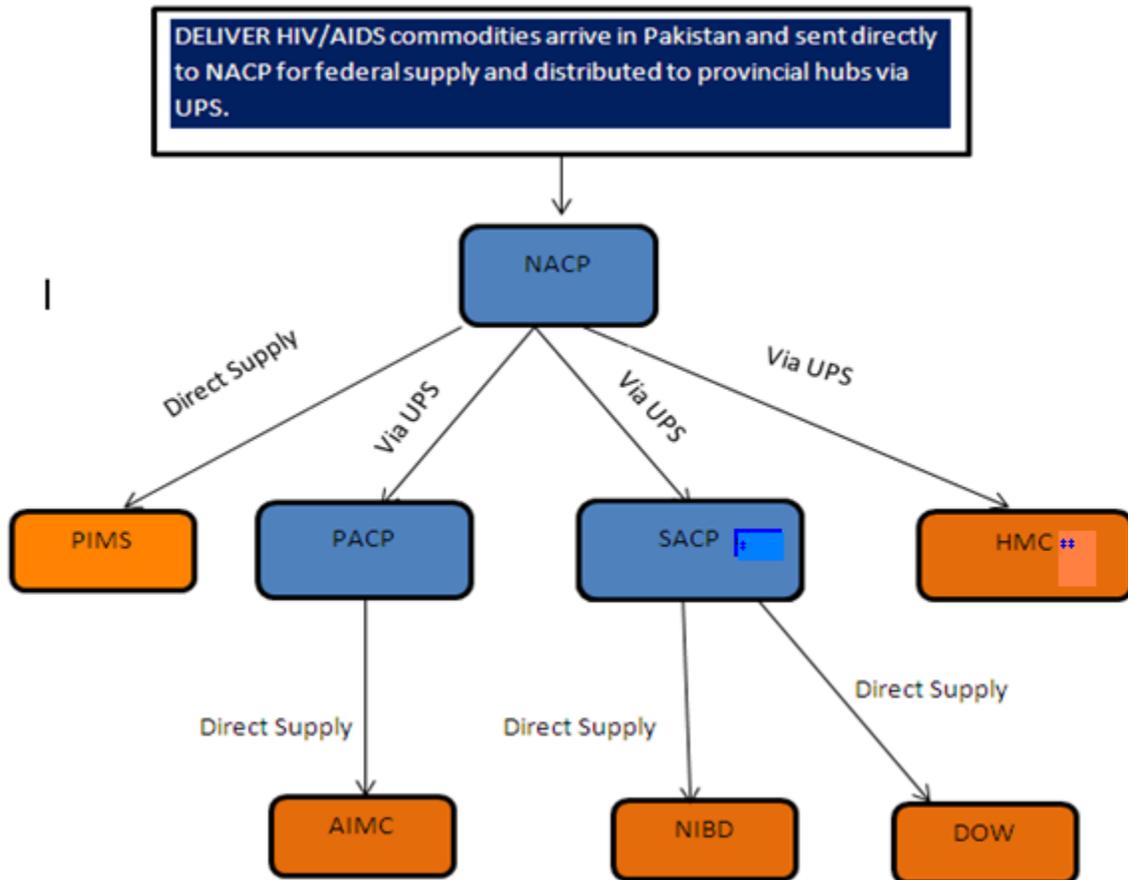
Commodity Distribution Process

Figure 2 shows the distribution process for the HIV/AIDS kits and commodities after they are received in Pakistan. The blue boxes indicate federal and provincial hubs. Upon arrival in Pakistan, supplies are received in Islamabad at the National AIDS Control Program (NACP) and distributed to the provincial centers and service delivery points through the freight forwarding service (UPS). NACP is the national hub and also houses the federal supply.

NACP only supplies PIMS directly with commodities to conduct CD4 tests. Viral load testing at the national level is carried out at NACP.

In the case of KPK, commodities for viral load testing are sent directly to the SDP-HMC as they require climate control which is only available at this location.

FIGURE 2: COMMODITY DISTRIBUTION PROCESS



* The SACP also receives the supply intended for Balochistan

** The supply for KPK does not go to the hub and is instead sent directly to the SDP at HMC

For the first year of distribution, the procurement was stored at NACP for one to two months and dispatched to the SACP, PACP, and HMC by United Postal Service (UPS) Supply Chain Solutions, the business unit of UPS which offers transport and freight services with the coordination of DELIVER.

FINDINGS

The MEP Team gave USAID amid-term debrief on May 14, 2013, which initial findings were shared. A more elaborate synopsis of findings is presented below by commodity and by site, as applicable. The categorization of the findings follows the format used to conduct the verification activities. Commodity quantities were verified, records at the site were examined, and commodity branding, temperature maintenance, and expiration dates were observed through store visits.

The first section presents the verification of commodity quantities both at the national and provincial hubs as well as the service delivery points to which they are sent for use. This is followed by findings on USAID branding on packaging and commodities. An outline of record-keeping at all eight sites follows and then a section summarizing commodity packaging, temperature maintenance, and the expiration dates of all kits and commodities. Overall store organization and space conditions are presented in conclusion.

Verification of Commodity Quantities

The verification of the quantity delivered was carried out at two different levels: 1) the national hub at Islamabad and the two the provincial program offices where the commodities were first dispatched through UPS courier., and 2) four service delivery points where shipments were received from the national and provincial program offices and one service delivery point where the commodities were received via UPS from NACP.

National and Provincial Hubs

For the most part, the kits and commodities were delivered to the central and provincial hubs according to the plan. Table 3 compares the quantity of supplies from the distribution plan to the actual quantity of supplies received at the hubs—including the quantity in the store, the amounts used, and the amounts that had already been distributed to the service delivery points.

TABLE 3: COMMODITIES VERIFIED AT THE NATIONAL AND PROVINCIAL HUBS*

Commodity	HIV/AIDS Procurement Year I			PACP			SACP			NACP-ICT		
	Planned	Actual	Difference	Planned	Actual	Difference	Planned	Actual	Difference	Planned	Actual	Difference
FACS Calibur Kits	228	228	-	76	76	-	62	62	-	90	90	-
PCR Mini Kit	246	245	-	76	77	+1%	74	74	-	58	57	
Calibrite beads	228	228	-	76	76	-	62	62	-	90	90	-
Sheathe fluid	114	114	-	38	38	-	30	30	-	46	46	-
Glass Falcon tubes	80	80	-	26	26	-	22	22	-	32	32	-
FACS clean liquid	114	114	-	38	38	-	30	30	-	46	45	-2%
FACS rinse liquid	114	114	-	38	38	-	30	30	-	46	47	+2%
FACS lyse liquid	80	80	-	26	26	-	22	22	-	32	32	-
BD Trucount tubes	228	456	+100%	76	76	-	62	62	-	228	318	+39%
Qiagen HIV-1 Kit	124	124	-	38	39	+3%	38	38	-	28	28	-

*The supply for KPK goes directly to the SDP and is reflected in Table 4

The overall quantities procured and supplied by JSI/SCMS in coordination with JSI/DELIVER Pakistan matched the distribution plan with the exception of the PCR mini kit², which showed a variance of one, and BD Trucount tubes,³ for which twice as many units were procured and supplied than planned.

² As per USAID's response on June 8, 2103, this kit was additionally supplied to avoid an imminent stock out.

³ As per USAID's response, on June 8, 2013, USAID ordered calibur kits, tubes and other items. The tubes are also part of the calibur kits. Therefore 456 tubes were ordered and delivered, 228 in the kit and 228 separate, this is corrected and order 3 & 4 does not include it. To correct this over-ordering, the tubes are not included in order 3 and 4; ii) moreover because NACP/WHO indicated Calibrate beads and CD 3,4,8 markers separately, it confused procurement ordering and was not a JSI/DELIVER/SCMS shortcoming;

PACP

In Punjab, in addition to the distribution plan, one PCR mini kit and one Qiagen kit were supplied to the PACP on November 9, 2012 for which there was a separate Goods Received Note available. This explains the slight deviation from the planned distribution.

SACP

In addition to the kit and commodity procurements planned for Sindh, SAC received two extra PCR mini-kits and two extra Qiagen kits for Balochistan. Although there is a separate Goods Received Note for this supply and it is entered in the stock register separately, the kits and commodities intended for Balochistan have not been collected nor is there guidance on how these commodities should be dispatched or used at some locations.

NACP

The inventory of supplies at the NACP store—which received the supply for the whole of Pakistan, including the federal stock—contained variance

For the PCR Mini Kit, of the 58 kits received, 51 were in the store and five (50 tests each) had been exchanged with one box of 250 tests as the latter had a longer expiry period as the kits in the store will expire in November 2013. Viral load testing is also conducted at the NACP site; one kit was in use and one kit could not be accounted for.

In the case of FACS clean liquid, two boxes were loaned to a local distributor called Vantage Technologies. Documentation was available for this transaction. One of the FACS clean liquid boxes could not be located. There was an extra box of the FACS rinse liquid in the store. Boxes for both commodities were stacked together and the store was difficult to navigate.

In the case of BD Trucount tubes, the requisite supply of 228 boxes was erroneously doubled resulting in 456 boxes being supplied to the NACP. Four boxes were loaned to Vantage Technologies and documented by the NACP. After distribution to the provincial hubs and there was still excess stock. NACP also sent 10 BD Trucount boxes to PIMS; however, there is no delivery receipt for this. This may also be because BD Trucount tubes are sent along with CD4 kits usually and they may not have recorded them separately.

Service Delivery Points

Table 4 outlines the distribution of these commodities to the end-user level—the service delivery points—where different tests are conducted. Some sites conduct tests for both viral load and CD4 (AIMC), CD4 tests (NIBD and PIMS) and viral load (HMC and DOW). The table compares what was recorded in the Goods Delivery Note (GDN) against the number of units that were either in storage, had been used, or were in use.



Kits and commodities at the NACP store

TABLE 4: QUANTITIES DISTRIBUTED AT THE SERVICE DELIVERY POINTS

Commodity	Islamabad			Lahore			Peshawar			Karachi			Karachi		
	PIMS			AIMC			HMC			DOW			NIBD		
	GDN	Verified	Difference	GDN	Verified	Difference	GDN	Verified	Difference	GDN	Verified	Difference	GDN	Verified	Difference
FACS Calibur Kits	10	10	-	9	9	-							62	62	-
PCR Mini Kit				10	10	-	38	41	+8%	72	72	-			
Calibrite beads	8	0	- 100%	1	1	-							62	62	-
Sheathe fluid	5	5	-										30	30	-
Glass Falcon tubes													22	22	-
FACS clean liquid													30	30	-
FACS rinse liquid				1	1	-							30	30	-
FACS lyse liquid													22	22	-
BD Trucount tubes				9	9	-							62	62	-
Qiagen HIV-I Kit				5	5	-	20	20	-	36	36	-			

DOW and NIBD

There was no discrepancy between the quantity of commodities supplied to the service delivery point and the quantity in stock or in use at two out of five facilities, namely DOW and NIBD.

HMC

Although the Goods Received Note and the stock register showed that 38 PCR mini kits had been received at HMC, a store check found that 41 kits had actually been supplied to HMC. Although this is three more than the planned distribution, there is no documentation of this.

PIMS

No boxes of calibrate beads were present at the PIMS. According to the lab technologist at PIMS, they had expired on December 31, 2012 and were disposed of.

AIMC

The store count and utilization at AIMC matched the quantity that had been received at the facility. However, since there was no stock register available at the site, there it was not possible to confirm the usage of eight BD Trucount tubes and four PCR mini kits.

A register of the use of CD4 kits on patients was maintained, showing that approximately 400 tests were conducted, which is equal to the use of eight kits.

In the case of Qiagen, the Monitoring Team physically verified that one kit was in use and four kits had expired.

Conclusion

Although there were small discrepancies, the overall procurement of the HIV kits and commodities matched the DELIVER Project’s distribution plan, the Goods Delivery Notes, and the Goods Received Notes. In the case of service delivery points, there was no defined mechanism in place which outlined the commodities which were to be distributed or the quantities.

Branding

At all locations where the commodities were still in cartons, the USAID logo was visible on all the cartons. JSI/SCMS is not required to brand the export cartons with a USAID logo and has a branding waiver. Nonetheless, DELIVER was able to have the vendors add a USAID logo to some of the individual commodity boxes as was observed during the verification visits.



USAID branded Commodities at two different stores

The existence of USAID branding on individual boxes for the ten commodities varied. Table 5 below shows the branding distribution by item. Of the ten types of commodities, five had the USAID logo.

TABLE 5: USAID BRANDING BY COMMODITY

Commodity	USAID Item Logo
FACS Calibur Test Kits	No
Molecular PCR RNA Mini Kit	No
Calibrite beads	Yes
Sheath Fluid	No
Glass Falcon Tubes	No
FACS Clean Liquid	Yes
FACS Rinse Liquid	Yes
FACS Lyse Liquid	Yes
BD Trucount Tubes	Yes
Qiagen HIV Kit	No

Record Keeping

To verify commodities, monitors reviewed documentation and processes for keeping records. Table 6 summarizes findings on record-keeping by site. For the eight sites, five had complete records including Goods Delivery Notes, Goods Received Notes, and stock registers. Although Goods Received Notes were available at NACP, PIMS, and AIMC, a stock register was not maintained at these locations.

TABLE 6: RECORD KEEPING BY SITE

Site	Record Keeping
Pakistan Institute of Medical Sciences	Partial
National Aids Control Program	Partial
Punjab Aids Control Program	Complete
Hayatabad Medical Complex	Complete
Dow Diagnostic Reference And Research Lab	Complete
National Institute of Blood Diseases- Lab	Complete
Allama Iqbal Medical College	Partial
Sindh Aids Control Program	Complete

NACP

At NACP, documentation of the overall supply of commodities received was in good order, but a stock register, showing commodity usage and distribution, was not maintained. Although there was no separate documentation for the federal supply, the commodities supplied to PIMS were documented.

SACP and PACP

Record keeping at both provincial hubs was excellent. Complete documentation was available including the stock register along with files of all receipts showing goods received and sent to the service delivery points.

Stock register at PACP

AIMC

Documentation at the provincial hub in Punjab was also in good order. A stock register was maintained on site to log commodities issued to AIMC. At AIMC, the stock register was not available and the dates on the Goods Received Notes for the CD4 kits did not match the dates provided by the PACP office. A patient use register was available for CD4 testing but the MEP Team did not review it due to patient confidentiality and ethical reasons. Only the number of tests was counted by the person on site to confirm the number of kits used to date.

PIMS

Although a stock register was not maintained, the number of kits was verified by an electronic file which showed the number of tests conducted using the kits. The kit usage rate was calculated based on this information. There was no record maintained for the other two commodities supplied by NACP.

Conclusion

Overall, the supplies received at the hubs matched the distribution plan, with the exception of one commodity at HMC. Documentation was complete at five out of the eight locations.

The Goods Received Notes and Delivery Notes for the provinces—Sindh, Punjab, KPK and Balochistan—confirm that all the stock was received as planned and dispatched to the intended locations. There is, however, no separate Goods Received Note for the federal supply at the time the visit was conducted.

Condition of the Commodities

The condition of the commodities at the different sites was checked by observing and noting packaging, temperature maintained, and expiration dates. The findings are as follows:



Qiagen kits for Balochistan

Packaging

Overall, the packaging for all commodities at all eight sites was in excellent condition. In one instance, however, the Qiagen kits in storage at SACP for Baluchistan were damaged. The boxes for the two kits were not sealed, some of the contents were missing, and the contents had varying expiration dates.

Temperature

At all locations, the temperature was maintained as specified in Table 2 in a previous section.

Even when power outages occurred at the national and provincial hubs and the service delivery points, the lab staff made a concerted effort to ensure that the proper temperatures were maintained. Qiagen must be stored at -20 degrees Celsius. PACP stores this commodity in a separate location nearby as cold chain facilities are not available on site. Electric outages and load shedding also make it difficult to maintain and monitor temperature.



Qiagen kits at NACP

Expiration Dates

Of the ten commodities procured for the CD4 and viral load testing, two were expired at the time of the monitoring visit. All the calibrate beads found at two hubs and three service delivery points that received this commodity had expired on December 31, 2012. At two sites, AIMC and SACP, some of the Qiagen kits had expired on November 27, 2012. See Table 7 for details.

TABLE 7: STATUS OF EXPIRED COMMODITIES BY SITE

Expired Commodity	NACP	PIMS	SACP*	NIBD	DOW	PACP	HMC	AIMC
Calibrite Beads (boxes) 12/31/2012	74	8		54		75	N/A	1
Qiagen (kits) 11/27/2012	N/E	N/A	2	N/A	N/E		N/A	4

*SACP = this shows the stock for Baluchistan as Sindh stock is seen at NIBD and DOW
N/E = Not Expired and N/A = Not applicable

Calibrite Beads

Calibrite beads expired on December 31, 2012 at the five locations (three hubs and two service delivery points) where they were stored or sent for use. This was between a month and two weeks after the commodities were dispatched from the hub, be it national or provincial.



Expired Calibrite beads at NIBD

Since calibrate beads were expiring on December 31, 2012, DELIVER attempted to rectify the situation through an undertaking with Becton Dickinson Pakistan(Private) Limited on October 23, 2102 to replace and supply 114 of the BD calibrate beads free of cost to federal and provincial AIDS control programs. The calibrate beads were to be provided in batches of 40 kits per batch after every three months until all the stock of TRITESTCD4/CD8/CD3 W/Trucount (IVD) is consumed. The first batch was supposed be provided in January 2013, the second in April 2013, and the remaining kits in July 2013, if needed.

At NACP, 16 boxes of calibrate beads were replaced by the local distributor, Becton Dickinson, on April 3, 2013 because they had already expired. These 16 boxes will expire on August 31, 2013. Documentation and replacements of expired calibrate beads at the other location was not observed during the monitoring visits.

In the case of PIMS, testing was actually suspended until a new supply of calibrate beads arrived in March. It should also be noted that PIMS conducted testing on December 29 (two days prior to expiry) and the staff member interviewed noted that the test did not work.

Qiagen HIV-I RGRT –PCR kits

The supply of two Qiagen kits intended for Balochistan have expiry dates of November 27, 2012. The kits, separate from the shipment for Sindh, arrived at SACP on November 21, 2012⁴. Similarly, at AIMC in Lahore, four out of five kits at the location expired on November 27, 2012. They are marked and stored separately.

⁴ As per USAID's response on June 8, 2103, DELIVER requested SCMS to dispatch only 10 kits to the Federal hub in Islamabad given the short shelf life. These kits had an expiration date of November 2012. They arrived in Islamabad in August 2012.

Store Quality and Organization

The hubs had adequate storage space although commodities were stored in multiple places both at the NACP and the PACP. This was also because they needed cold chain facilities. In Sindh, all commodities had already been sent to the SDPs with the exception of the supplies for Baluchistan, which were limited in quantity. The staff at SACP indicated that there was inadequate space for such a large procurement and had dispatched all their supplies to the end points for these goods.

Storage space is not adequate or easily accessible at the service delivery points and kits and commodities were often stored in more than one place for this reason.



Store room at PACP

Commodity Utilization

All commodities provided to the SDPs are in use, with the exception of the HMC and SACP for Baluchistan. The two commodities sent to the HMC in Peshawar for conducting viral load tests are lying in the store and cannot be used until the machine used for testing is calibrated. For Balochistan, the commodities for carrying out viral load tests have been sent to the Sindh AIDS Control Program Office and are lying in their store. Testing for Baluchistan is apparently carried out in Sindh because the service delivery points in Balochistan do not possess the equipment required to administer the test. However, the SACP has received no guidance on what to do with the commodities and staff at SACP reported that the Department of Health in Balochistan has not been responsive to requests to collect the commodities and put them to use before they expire.

CONCLUSIONS

- The supplies being procured by JSI/SCMS in coordination with JSI/DELIVER Pakistan are reaching their intended destinations.
- Although commodities were largely distributed per plan to the provincial points, there is no plan for distribution to the service delivery points and hence no clear supply chain.
- Without a delivery plan to the service delivery points, potential exists for the kits and commodities to expire before use or be insufficient to meet demand.
- Supplies were provided for a one-year period but short expiration dates for some kits and commodities led to the quick expiration of some kits and commodities. This may have implications on use, as the next installment is expected to reach Pakistan in January 2014.

RECOMMENDATIONS

- Consider a mechanism for dealing with the replacement of expired goods and the disposal of expired commodities. USAID should encourage the Government of Pakistan to establish policies and procedures for handling kits and commodities with a short shelf life.⁵
- Provide information on whether supplies will be replenished. If they will be, provide a schedule or anticipated timeframe so that the organizations can plan or procure commodities from another source if needed.
- Although most of the commodities were branded, it may be useful to brand the FACS Calibur Kits Tritests with Trucount tubes (CD3/CD4/CD8 markers) and the Qiagen HIV-1 RGRT –PCR kits also so that they are easily identifiable.

⁵ As per USAID's response on June 8, 2103 USAID concurred that DELIVER should strive towards mechanisms to minimize or avoid expiry as suggested and (should products still expire) consider implementing a better mechanism for replacement of expired goods (inclusive of reversing expired items). The JSI/SCMC/DELIVER (waste management unit) will be asked to provide GOP stakeholders with recommendations about the disposal of expired commodities.

LESSONS LEARNED FOR MONITORING

It is important that the information provided about the commodities and delivery points be complete and accurate in order to reduce the margin for any errors. For this reason, the initial visit was important and allowed MEP to develop an understanding of ground realities, particularly the commodity distribution process and the different temperature maintenance requirements for each type of kit and related commodities. Additional research and initial visits also yielded additional information that was integral for the development of a monitoring tool which effectively captures the various issues related to the delivery, receipt, and storage of HIV/AIDS kits and commodities. Fieldwork in itself was not difficult to coordinate and complete.

ANNEXES

Annex I: List of Individuals Interviewed

SN	Staff Met	Site Name	Province	City	Site Type	Date Visited
1	Research Officer	NACP	ICT	Islamabad	Hub	April 17
2	Procurement Officer	NACP	ICT	Islamabad	Hub	April 17
3	Senior Program Officer	NACP	ICT	Islamabad	Hub	April 17
4	Computer Operator	PIMS	ICT	Islamabad	SDP	March 20
5	Laboratory Technician	PIMS	ICT	Islamabad	SDP	March 20
6	Monitoring and Evaluation Specialist for HIV/AIDS	HMC	KPK	Peshawar	SDP	April 9
7	Outreach Worker	HMC	KPK	Peshawar	SDP	April 9
8	Program Manager	SACP	Sindh	Karachi	Hub	April 22
9	Monitoring and Evaluation Officer	SACP	Sindh	Karachi	Hub	April 22
10	Logistics Officer	SACP	Sindh	Karachi	Hub	April 22
11	Store Keeper	SACP	Sindh	Karachi	Hub	April 22
12	Scientific Manager	NIBD	Sindh	Karachi	SDP	April 22
13	Head of Flow Department	NIBD	Sindh	Karachi	SDP	April 22
14	Administration Officer	NIBD	Sindh	Karachi	SDP	April 22
15	Medical Technologist	NIBD	Sindh	Karachi	SDP	April 22
16	Director	DOW	Sindh	Karachi	SDP	April 22
17	Assistant Professor	DOW	Sindh	Karachi	SDP	April 22
18	Medical Technologist	DOW	Sindh	Karachi	SDP	April 22
19	Treatment Coordinator	PACP	Punjab	Lahore	Hub	April 12
20	Office Assistant	PACP	Punjab	Lahore	Hub	April 12
21	Store Keeper	PACP	Punjab	Lahore	Hub	April 12
22	Head of Pathology Department	AIMC	Punjab	Lahore	Hub	April 13
23	Assistant Professor Hematology	AIMC	Punjab	Lahore	Hub	April 13
24	Laboratory Technologist	AIMC	Punjab	Lahore	Hub	April 13
25	Head of Laboratory	AIMC	Punjab	Lahore	Hub	April 13
26	Medical Technologist	AIMC	Punjab	Lahore	Hub	April 13

Note: ICT stands for Islamabad Capitol Territory

Annex 2: Data Collection Instrument

Commodity Verification

(Verification Methods: Interview, stock check & stock records check)

[Please carry with you all the documentation that MEP has received with regard to HIV/AIDS testing kits from DELIVER; for example goods delivery notes, Shipment documents, Courier receipts etc.]

<u>Name of the Interviewer</u>		<u>Date:</u>	
<u>Site Address</u>		<u>Time Start</u>	
<u>Province</u>		<u>Time Finished</u>	
<u>District</u>		<u>Site Type</u> (Store/SDP)	
<u>Site Name</u>			
<u>Site Address</u>			

[Upon reaching the site, contact office in-charge or his/her designee]

Staff at the site that participated during the verification process		
<u>Name</u>	<u>Designation/ Contact</u>	<u>Type of participation during the verification process</u> (Interview/physical verification/ record keeping)
1.		
2.		
3.		

Introduction (read verbatim): Assalam-o-Alaikum, My name is..... ; And we are from the USAID Monitoring and Evaluation Program; we are helping USAID in understanding the effectiveness of their projects in Pakistan. I am contacting you with reference to the notification letter sent to the Director General's Health Services, by the USAID funded DELIVER PROJECT dated 8th February 2013. The objective of my visit is to verify that the USAID funded HIV/AIDS kits and commodities have reached you. For this purpose, on behalf of your institution/office, I will need

to ask you a few questions review the relevant record maintained at your office and visit the store to physically verify the commodities, if available. The findings of my visit will be shared with USAID to bring improvements to the supply chain of JSI/DELIVER procured commodities in Pakistan. Your assistance would be very much appreciated. May we proceed now? *[If yes, please proceed with the following questions.]*

Note for the Enumerators

For stores Q1 to Q14 are relevant; follow the instructions/ skipping pattern

For SDPs all questions are relevant, follow the instructions/ skipping pattern

1- **Did you receive/collect the HIV/AIDS kits and commodities procured by USAID DELIVER PROJECT?**

Yes

No *[If No, discontinue the interview]*

I don't know *[Inquire at least one other relevant staff who could possibly be aware of receipt of USAID DELIVER commodities and ask the same question again; otherwise discontinue the interview]*

2- **From which (Office/Store) did you receive/collect HIV/AIDS kits and commodities procured by USAID DELIVER PROJECT?** *[Only names of the offices/stores along with their location is requested here]*

3- **Please name HIV/AIDS kits and commodities received through USAID DELIVER PROJECT?** *[Name each item one by one to get response for each commodity; fill out the table below and note down any additional comments below in the comments field]*

Table Q3 – Commodities received

SN	Testing Kits and Commodities	Mark ✓ if received or Mark * if not received
1	FACS Calibur kits Tritests with Trucount tubes(CD3/CD4/CD8 Markers	
2	Calibrite Beads	
3	Sheath fluid: FACS calibre of (20 litres per pack)	
4	Glass Falcon Tubes: (1000 per Pack)	
5	FACS clean liquid 5 litre per Pack	
6	FACS rinse liquid 5 litre per Pack	

<u>SN</u>	<u>Testing Kits and Commodities</u>	<u>Mark ✓ if received or Mark * if not received</u>
7	FACS lyse liquid 100ml	
8	BD Trucount Tubes Cat (50 per pack)	
9	<i>Molecular, PCR, QI Amp Viral RNA Mini Kit (extraction), 50 Tests</i>	
10	<i>Qiagen HIV-1 RGRT –PCR kit (96)</i>	
<u>Additional Information:</u>		

Note: From this point onwards, only selected commodities, as indicated under Table Q3, should be referred to when asking questions, making observations and reviewing records

4- How did your office rate the overall quality of each USAID DELIVER kit and commodity at the time of receipt? *[Name each item received to get rating for each commodity; ignore items that were not received; fill out the table below and note down any additional comments below in the comment field]*

Table Q4 –Overall condition of commodities on receipt

<u>SN</u>	<u>Testing Kits and Commodities</u>	<u>Packaging</u> (<u>Poor/ Fair/ /</u> <u>Excellent/?</u>)	<u>Required</u> <u>Temperature</u> <u>Maintenance</u> (<u>✓/./*//?</u>)	<u>Expired</u> (<u>Yes /No / I</u> <u>don't</u> <u>know</u>)
1	FACS Calibur kits Tritests with Trucount tubes (CD3/CD4/CD8			

<u>SN</u>	<u>Testing Kits and Commodities</u>	<u>Packaging</u> (<u>Poor/Fair//</u> <u>Excellent/?</u>)	<u>Required</u> <u>Temperature</u> <u>Maintenance</u> (<u>✓/✗/?</u>)	<u>Expired</u> (<u>Yes/No/I</u> <u>don't</u> <u>know</u>)
	Markers (2-8C)			
2	Calibrite Beads (2 - 8C)			
3	Sheath fluid: FACS calibre of (20 litres per pack) (15-25C)			
4	Glass Falcon Tubes: (1000 per Pack) (15-25C)			
5	FACS clean liquid 5 litre per Pack (15-25C)			
6	FACS rinse liquid 5 litre per Pack (15-25C)			
7	FACS lyse liquid 100ml (2-8C)			
8	BD Trucount Tubes Cat (50 per pack) (2-25C)			
9	<i>Molecular, PCR, QI Amp Viral RNA Mini Kit (extraction), 50 Tests (15-25C)</i>			
10	<i>Qiagen HIV-1 RGRT –PCR kit (96) (-20C)</i>			
<u>Comments</u>				

5- Was/Is each USAID DELIVER kits/commodity package and items marked with the USAID logo when received?*[Name each item to get response for each commodity; ignore items that were not received; fill out the table below and note down any additional comments below in the comment field]*

Table Q5 – Overall branding of commodities on receipt

SN	Testing kits and Commodities	USAID Logo (Mark ✓/*/? in the relevant cell)	
		Package	Items within package
1	FACS Calibur kits Tritests with Trucount tubes(CD3/CD4/CD8 Markers		
2	Calibrite Beads		
3	Sheath fluid: FACS calibre of (20 litres per pack)		
4	Glass Falcon Tubes: (1000 per Pack)		
5	FACS clean liquid 5 litre per Pack		
6	FACS rinse liquid 5 litre per Pack		
7	FACS lyse liquid 100ml		
8	BD Trucount Tubes Cat (50 per pack)		
9	<i>Molecular, PCR, QI Amp Viral RNA Mini Kit (extraction), 50 Tests</i>		
10	<i>Qiagen HIV-1 RGRT –PCR kit (96)</i>		
Comments on the branding			

6- Were/Are DELIVER HIV/AIDs kits and commodities/stock identifiable in the stock record?

Yes, All commodities

Yes but not all commodities *[request response by each commodity and fill out the table below]*

No *[If No, skip questions 7 and 8]*

Table (Q6) – Tracking of DELIVER Commodities

SN	Testing kits and Commodities	Mark ✓/*as applicable
1	FACS Calibur kits Tritests with Trucount tubes(CD3/CD4/CD8 Markers	

SN	Testing kits and Commodities	Mark ✓/*as applicable
2	Calibrite Beads	
3	Sheath fluid: FACS calibre of (20 litres per pack)	
4	Glass Falcon Tubes: (1000 per Pack)	
5	FACS clean liquid 5 litre per Pack	
6	FACS rinse liquid 5 litre per Pack	
7	FACS lyse liquid 100ml	
8	BD Trucount Tubes Cat (50 per pack)	
9	<i>Molecular, PCR, QI Amp Viral RNA Mini Kit (extraction), 50 Tests</i>	
10	<i>Qiagen HIV-1 RGRT –PCR kit (96)</i>	

[For items where response is ✓, move to the next question; for the rest of items move to Q 9]

7- Did you receive/collect HIV/AIDS kits and commodities procured by USAID DELIVER PROJECT in more than one instalment? I would need to see relevant receipts in support of your answer.

Yes [If Yes, (i) ask instalment dates and quantity for each commodity from “Goods Receive Note/Letter” and add in the table below (ii) Take pictures of all relevant commodity delivery and/or receipt notes] 

No [If No, (i) ask the date of receipt and quantity for each commodity from “Goods Receive Note/Letter” and indicate this under “1st installment date” column (ii. Take pictures of all relevant commodity delivery and/or receipt notes] 

Table (Q-7) – Goods Received Record

#	Kits and Commodities	1 st Inst.		2 nd Inst.		3 rd Inst.		4 th Inst.	
		Date D/M/Y	QTY	Date D/M/Y	QTY	Date D/M/Y	QTY	Date D/M/Y	QTY
1	FACS Calibur kits Tritests with Trucount tubes (CD3/CD4/CD8 Markers)								
2	Calibrite Beads								
3	Sheath fluid: FACS calibre of (20 litres per pack)								

#	Kits and Commodities	1 st Inst.		2 nd Inst.		3 rd Inst.		4 th Inst.	
		Date D/M/Y	QTY	Date D/M/Y	QTY	Date D/M/Y	QTY	Date D/M/Y	QTY
4	Glass Falcon Tubes: (1000 per Pack)								
5	FACS clean liquid 5 litre per Pack								
6	FACS rinse liquid 5 litre per Pack								
7	FACS lyse liquid 100ml								
8	BD Trucount Tubes Cat (50 per pack)								
9	Molecular, PCR, QI Amp Viral RNA Mini Kit (extraction), 50 Tests								
10	Qiagen HIV-1 RGRT –PCR kit (96)								
Comments									

8- Did you register these commodities in your Stock Register / Stock Database?

Yes [If yes, (i) request to look at the stock register / stock database and note date of stock-in and quantity in the table below (ii) Take pictures of all relevant commodity delivered and/or receipt records] 

No [If no, skip Table Q8]

Table (Q-8) – Stock-in Record

#	Kits and Commodities	1 st Entry		2 nd Entry		2 nd Entry		2 nd Entry	
		Date D/M/Y	QTY	Date D/M/Y	QTY	Date D/M/Y	QTY	Date D/M/Y	QTY

#	Kits and Commodities	1 st Entry		2 nd Entry		2 nd Entry		2 nd Entry	
		Date D/M/Y	QTY	Date D/M/Y	QTY	Date D/M/Y	QTY	Date D/M/Y	QTY
1	FACS Calibur kits Tritests with Trucount tubes(CD3/CD4/CD8 Markers								
2	Calibrite Beads								
3	Sheath fluid: FACS calibre of (20 litres per pack)								
4	Glass Falcon Tubes: (1000 per Pack)								
5	FACS clean liquid 5 litre per Pack								
6	FACS rinse liquid 5 litre per Pack								
7	FACS lyse liquid 100ml								
8	BD Trucount Tubes Cat (50 per pack)								
9	<i>Molecular, PCR, QI Amp Viral RNA Mini Kit (extraction), 50 Tests</i>								
10	<i>Qiagen HIV-1 RGRT -PCR kit (96)</i>								

9- Is your office/site expected to send/transfer any of the testing kits procured by USAID DELIVER PROJECT to the next level?

Yes [If yes, ask for all the recipient names as per actual distribution or distribution plan; take picture of the distribution list/plan]

USAID DELIVER HIV/AIDS Kits Recipients

No *[If No, skip Q10&Q12]*

10- Have you delivered all USAID DELIVER commodities to the next level? (Not for SDP)

All of the commodities *[(i) request to look at the “Goods Delivery Note (with recipient signature/seal or separate commodity receipt letter from recipient)” and “Stock Register/ Stock Database” and fill out the table below. (ii)Take pictures of all relevant commodity delivery notes and stock-out register (take printout of the database reports, if applicable) [Skip Q11]* 

Some of the commodities *[(i) request to look at the “Goods Delivery Note (with recipient signature/seal or separate commodity receipt letter from recipient)” and “Stock Register/ Stock Database” and fill out the table below. (ii)Take pictures of all relevant commodity delivery and/or receipt notes and stock-out register (take printout of the database reports, if applicable)* 

None

Table (Q-10) – Stock-out Record

For each commodity, mention Quantity, Date and indicate (Y/N) Discrepancy between Goods Delivery Note & Stock-out register, if any

Recipient Office Name	FACS Calibur kits	Calibrite	Sheath	Glass	FACS	FACS	FACS	BD	Molecular	Qiagen
	Tritests with Trucount tubes(CD3/CD4/CD8 Markers	Beads	fluid: FACS calibre of (20 litres per pack)	Falcon Tubes: (1000 per Pack)	clean	rinse	lyse	Trucount Tubes Cat (50 per pack	PCR, OI Amp. Viral RNA Mini Kit (extraction), 50 Tests	HIV-1 RGRT.. PCR kit (96)
All Recipient Offices (Aggregate)	QTY									
1	QTY									
	DATE									
	Disc(Y/N)									
2	QTY									
	DATE									
	Disc(Y/N)									
3	QTY									
	DATE									
	Disc(Y/N)									
4	QTY									

Recipient Office Name	FACS Calibur kits	Calibrite	Sheath	Glass	FACS	FACS	FACS	BD	Molecular	Oiagen
	Tritests with Trucount tubes(CD3/CD4/CD8 Markers	Beads	fluid; FACS calibre of (20 litres per pack)	Falcon Tubes: (1000 per Pack)	clean liquid 5 litre per Pack	rinse liquid 5 litre per Pack	lyse liquid 100ml	Trucount Tubes Cat (50 per pack	PCR, OI Amp Viral RNA Mini Kit (extraction), 50 Tests	HIV-1 RGRT – PCR kit (96)
	DATE									
	Disc(Y/N)									
5	QTY									
	DATE									
	Disc(Y/N)									
6	QTY									
	DATE									
	Disc(Y/N)									
7	QTY									
	DATE									
	Disc(Y/N)									
8	QTY									
	DATE									
	Disc(Y/N)									

Recipient Office Name	FACS Calibur kits Tritest with Trucount tubes(CD3/CD4/CD8 Markers	Calibrite Beads	Sheath fluid; FACS calibre of (20 litres per pack)	Glass Falcon Tubes: (1000 per Pack)	FACS clean liquid 5 litre per Pack	FACS rinse liquid 5 litre per Pack	FACS lyse liquid 100ml	BD Trucount Tubes Cat (50 per pack	Molecular, PCR, OI Amp Viral RNA Mini Kit (extraction), 50 Tests	Oiagen HIV-1 RGRT - PCR kit (96)
9	QTY									
	DATE									
	Disc(Y/N)									

[Add additional sheets if required]

11- Do you have DELIVER specific kits and commodities in your store or used at this site?

Yes*[If yes, visit the store/ installation points at site and randomly observe each commodity type for branding and condition; take pictures of all observations; fill out the table below]* 

No*[Skip the table below and provide reason below in the comments field][go to Q9]*

Table (Q-11) –Commodity Store Count

S N	Kits and Commodities	QT Y	USAID	USAID	Packagi	Required	Expire
			Logo ✓ / ✗ / ? (Packagin g)	Logo ✓ / ✗ / ? (Item)	ng (Poor/ Fair/ Excellent.)	Temperatu re Maintenan ce (Yes / No /?)	d (✓ / ✗ / ?)
1	FACS Calibur kits Tritests with Trucount tubes(CD3/CD4/C D8 Markers (- 20C)	In store					
		In- use/use d					
2	Calibrite Beads(2- 8C)	In store					
		In- use/use d					
3	Sheath fluid: FACS calibre of (20 litres per pack) (15-25C)	In store					
		In- use/use d					
4	Glass Falcon Tubes: (1000 per Pack) (15-25C)	In store					
		In- use/use d					
5	FACS clean liquid	In store					

S N	Kits and Commodities	QT Y	USAID	USAID	Packagi	Required	Expire
			Logo ✓ / ✗ / ? (Packagin g)	Logo ✓ / ✗ / ? (Item)	ng (Poor/ Fair// Excellent.)	Temperatu re Maintenan ce (Yes / No /?)	d (✓ / ✗ / ?)
	5 litre per Pack(15-25C)	In-use/use d					
6	FACS rinse liquid 5 litre per Pack (15-25C)	In store					
		In-use/use d					
7	FACS lyse liquid 100ml (2-8C)	In store					
		In-use/use d					
8	BD Trucount Tubes Cat (50 per pack) (2-8C)	In store					
		In-use/use d					
9	<i>Molecular, PCR, QI Amp Viral RNA Mini Kit (extraction), 50 Tests (15-25C)</i>	In store					
		In-use/use d					
10	<i>Qiagen HIV-1 RGRT –PCR kit (96) (-20C)</i>	In store					
		In-use/use d					

S N	Kits and Commodities	QT Y	USAID	USAID	Packaging	Required	Expire
			Logo	Logo	(Poor/ Fair/ Excellent.)	Temperature	d (✓ / ✗ / ?)
			✓ / ✗ / ? (Packaging)	✓ / ✗ / ? (Item)		Maintenance (Yes / No / ?)	

12- How would you rate the overall quality of USAID DELIVER kits at the time of its delivery to the commodity recipients? *[Name each item one by one to get rating for each commodity; fill out the table below and note down any additional comments below in the comment field]*

Table (Q-12) – Condition of Commodities- Delivery

SN	Testing kits and Commodities	Packaging	Required	Expired (✓
		(Poor/ Fair/ / Excellent/?)	Temperature Maintenance (Yes / No/?)	/ ✗ / ?)
1	FACS Calibur kits Tritests with Trucount tubes(CD3/CD4/CD8 Markers)			
2	Calibrite Beads			
3	Sheath fluid: FACS calibre of (20 litres per pack)			
4	Glass Falcon Tubes: (1000 per Pack)			
5	FACS clean liquid 5 litre per Pack			
6	FACS rinse liquid 5 litre per Pack			
7	FACS lyse liquid 100ml			

<u>SN</u>	<u>Testing kits and Commodities</u>	<u>Packaging</u>	<u>Required</u>	<u>Expired (✓</u>
		<u>(Poor/Fair//</u>	<u>Temperature</u>	<u>/ ✘/ ?)</u>
		<u>Excellent/?.)</u>	<u>Maintenance</u>	
			<u>(Yes / No/?)</u>	
8	BD Trucount Tubes Cat (50 per pack)			
9	<i>Molecular, PCR, QI Amp Viral RNA Mini Kit (extraction), 50 Tests</i>			
10	<i>Qiagen HIV-1 RGRT –PCR kit (96)</i>			
<u>Comments on the overall branding and condition</u>				

13- Did you receive HIV/AIDS kits and commodities as per your requirement? *Mark ✓ for the relevant commodity*

Table Q13 – Commodities requirement

SN	Testing kits and Commodities	<input type="checkbox"/> Less than actual requirement	<input type="checkbox"/> More than actual requirement	<input type="checkbox"/> As per our demand	<input type="checkbox"/> There was absolutely no requirement
1	FACS Calibur kits Tritests with Trucount tubes(CD3/CD4/CD8 Markers)				
2	Calibrite Beads				
3	Sheath fluid: FACS calibre of (20 litres per pack)				
4	Glass Falcon Tubes: (1000 per Pack)				
5	FACS clean liquid 5 litre per Pack				
6	FACS rinse liquid 5 litre per Pack				
7	FACS lyse liquid 100ml				
8	BD Trucount Tubes Cat (50 per pack)				
9	<i>Molecular, PCR, QI Amp Viral RNA Mini Kit (extraction), 50 Tests</i>				
10	<i>Qiagen HIV-1 RGRT –PCR kit (96)</i>				

14- Do you have any specific comments to improve the HIV/AIDS Kits and commodities delivery and receipt process?

Comments

Note: The following section applies to Service Delivery Points Only

Service Delivery Points Only

15- Have you started using (one or more units)HIV/AIDS kits and commodities procured by USAID DELIVER PROJECT?

- Yes, all of the commodities *[Observe that all commodities being used and fill out table Q15; take pictures (if possible), skip Q16]*
- Yes, some of the commodities *[Ask names of the commodities, observe that the commodity provided is being used and fill out table Q15; take pictures]*
- No

Table Q15 – Kits and Commodity Usage

SN	Testing kits and Commodities	Quantity Used (only mark ✓ / ✗) (As per the interviewee response)
1	FACS Calibur kits Tritests with Trucount tubes(CD3/CD4/CD8 Markers	
2	Calibrite Beads	
3	Sheath fluid: FACS calibre of (20 litres per pack)	
4	Glass Falcon Tubes: (1000 per Pack)	
5	FACS clean liquid 5 litre per	

SN	Testing kits and Commodities	Quantity Used (only mark ✓ / ✗) (As per the interviewee response)
	Pack	
6	FACS rinse liquid 5 litre per Pack	
7	FACS lyse liquid 100ml	
8	BD Trucount Tubes Cat (50 per pack)	
9	<i>Molecular, PCR, QI Amp Viral RNA Mini Kit (extraction), 50 Tests</i>	
10	<i>Qiagen HIV-1 RGRT –PCR kit (96)</i>	

16- Why are the HIV/AIDS kits and commodities provided by USAID DELIVER PROJECT not being used? *[Provide reason for each item based on interviewee response]*

Table Q16 – Commodities Not In Use

SN	Commodities	Reason as informed by interviewee <i>[This is mandatory for each item]</i>
1	FACS Calibur kits Tritests with Trucount tubes(CD3/CD4/CD8 Markers)	
2	Calibrite Beads	
3	Sheath fluid: FACS calibre of (20 litres per pack)	
4	Glass Falcon Tubes: (1000 per Pack)	
5	FACS clean liquid 5 litre per Pack	
6	FACS rinse liquid 5 litre per Pack	
7	FACS lyse liquid 100ml	
8	BD Trucount Tubes Cat (50	

SN	Commodities	Reason as informed by interviewee <i>[This is mandatory for each item]</i>
	per pack)	
9	<i>Molecular, PCR, QI Amp Viral RNA Mini Kit (extraction), 50 Tests</i>	
10	<i>Qiagen HIV-1 RGRT –PCR kit (96)</i>	

Annex 3: Task Order Plan

USAID/Pakistan Monitoring and Evaluation Program

Task Order Plan (TOP) #39

Monitoring National AIDS Control Program

- I. **USAID TOP Manager:** John Eyres, Deputy Director, Health Office
- II. **MSI TOP Manager:** Ahmed S. Shaikh, MEP- Director, Monitoring
Sarah Khokhar, MEP - Relationship Manager, Health
- III. **USAID/Pakistan Unit:** Health Office
- V. **Start and End Dates:** February 1, 2013- June 30, 2013

IV. **Purpose**

The purpose of the assignment is to verify that the USAID procured test kits and other supplies have reached the intended destinations at the provincial level.

V. **Activities and Worksites**

The USAID-funded Health Supplies Distribution Project known as USAID| DELIVER project started in August 2009. The project focuses on improving and enhancing Government of Pakistan's in-country distribution and health commodity supply chains. Implemented by John Snow Inc., this project aims to help Planning Commission of Pakistan, Provincial and Regional Departments of Health and non-government organizations etc. to determine the correct amount of health commodities to order each year, establishing a modern storage and tracking system, and improving the distribution system throughout the country. It also aims to ensure multilevel coordination on the delivery of health commodities.

HIV testing kits are being supplied by DELIVER to the Federal and Provincial AIDS Control Programs on a six monthly basis. Overall, the project's interventions focus around two key objectives: 1) improving the performance of the health system by redressing weak supply management systems, and 2) improving the availability of HIV testing kits in the country. This is being achieved by working in partnership with the relevant government departments to control the spread of HIV in Pakistan.

Annex I provides details of the supply of kits by province, Annex II shows the procurement and delivery plan and the addresses for the consignees by province are provided in Annex III.

The assignment tasks the MEP team to verify that the USAID-procured test kits and other supplies have reached the intended destinations in the provinces (See Annex III for provincial hub addresses.) The verification at the federal and provincial level warehouses would need to be carried out during the period of supply. The first two tranches are being treated as one year supply and both the tranches will be monitored starting mid-March 2013.

The MEP monitors will visit the federal hub, and two regional hubs (commodities for Baluchistan are received at Karachi and commodities for KPK are directly sent to the service delivery points). Since

testing associated with the National AIDS Control Program is sensitive as it requires special machines which are not readily available, it is not present beyond a few service delivery points in the provinces. This monitoring assignment will entail visits to all 9 sites⁶. There is a federal National AIDS Control program office in Islamabad which has a store as well as testing lab. In addition, there are two provincial hubs in each of the two provinces i.e. Punjab and Sindh for the HIV viral load and CD4 kits. The kits for Baluchistan are sent to the Sindh AIDS Control Programme and the kits for KPK go directly to a service delivery point for National AIDS control program. In addition to the provincial hubs, there are 5 service delivery points in Islamabad (1), Sindh (2), Punjab (1) and KPK (1).

National AIDS Control Program office At Islamabad	Provincial/ Regional Hubs/Stores	Service Delivery Points	Total Sites Visited
1 (100%)	3 (100%)	5 (100%)	9

Data collection and physical verification methods will include observation forms, checklists and photography.

MSI will undertake the following tasks for this assignment:

- Meet with DELIVER team and USAID to discuss the monitoring plan/visits and obtain letters of introduction for the central and regional hubs along with contact information for the monitoring visits
- Develop a notification procedure for contacting national and provincial AID Control Program about the monitoring visits
- Conduct reconnaissance visits to the National AIDS Control Program in Islamabad
- Design survey instruments (verification checklists and interview guidelines)
- Develop a data collection plan
- Pre-test survey instruments
- Share instruments with USAID
- Finalize instruments and deploy field teams for data collection
- Develop tabulation plan
- Data entry and cleaning
- Findings Debrief with USAID
- Analysis and report writing

VI. Deliverables

- Mid-term debrief with USAID

⁶ It should be noted that in the original plan, MSI estimated that there were four regional hubs. During fieldwork it was discovered that provincial hubs exist in Punjab and Sindh. Kits for Balochistan are sent through the provincial hub in Sindh and kits for Khyber Pakhtunkhwa through the Hayatabad Medical Complex which is both a hub and a service delivery point.

- Findings Debrief with USAID
- Draft Verification Report
- Verification Report

VII. Schedule

Task	Dates	Revised Dates
Preparation, document review and reconnaissance visits	February 1- March 1, 2013	
Drafting of instruments	February 25- March 8, 2013	
Pre-test and sharing of instruments with USAID	March 14-25, 2013	
Data collection, cleaning and entry	March 28- April 20, 2013	April 12- May 10, 2013
Mid-term Debrief with USAID	on/about April 10, 2013	May 14, 2013
Findings Analysis and report writing	April 15-May 9, 2013	May 10- June 3, 2013
Debrief with USAID	on/about April 26, 2013	on/about May 27, 2013
Submission of draft verification report to USAID	May 9, 2013	June 3, 2013
Comments received from USAID (2 weeks)	May 23, 2013	June 17, 2013
Submission of final verification report to USAID (2 weeks)	June 7, 2013	June 30, 2013

VIII. International Travel Information (On or About)

N/A

IX. Staffing

This task order will involve MEP monitoring staff.

X. Anticipated Level of Effort

Name of Person	Prep-Meetings	Pre-Travel	Prep-Site Visit	Travel - TPM	Instruments	Field-Testing	Code book	Travel - Monitoring Visits	Monitoring Visits	Database	Data Entry	Report Writing	Mgt	TOTAL
Jill Tirnauer												2		2
Ahmed Shaikh	2	1	2			1	1						3	10
MEP staff team leader	2	2	2	2	5	1	3	6	14		2	5	3	47
Wisal Muhammad (IT)										4				4

Note: Travel is based on estimation.

XI. MEP Partner Implementing the TOP

Management Systems International

XII. Attached Reference Documents

Annex I: Distribution Plan

Annex II: Shipment Status Overview

Annex III: Provincial Hubs Addresses

XIII. Authorizations

The undersigned hereby authorize the following items checked below for the Task Order Plan (TOP) described above (Cross out the items that do not apply):

Completion of the TOP, as described above;

TOP staffing, as described above.

[COR to either sign below or indicate “approve” on a return email]

Contracting Officer's Representative (COR)

Date

Sherry Ward, or designate

TOP ANNEX I

Distribution Plan Of USAID Commodity Support "AIDS CONTROL PROGRAM"									
First Installment									
Item code	Product	UOM	PQ number	Punjab	Sindh	Khyber Pakhtoon khwa (KPK)	Baluchistan	Federal ISLAMABAD	Total Sum to order (first installment)
102226	FACS Calibur kits Tritests with TRUCOUNT tubes(CD3/CD4/CD8 Markers)	50 tests	PQ8810	38	31	0	0	45	114
105975	Molecular, PCR, QIAmp Viral RNA Mini Kit (extraction), 50 Tests	50PK	PQ8834	38	36	19	1	29	123
104535	Calibrite Beads	kit	8810	38	31	0	0	45	114
102365	Sheath fluid: FACS caliber of (20 liters per pack)	20 L	8810	19	15	0	0	23	57
105453	Glass Falcon Tubes: (1000 per Pack)	1000 PACK	8810	13	11	0	0	16	40
102366	FACS clean liquid 5 liter per Pack	5 L	8810	19	15	0	0	23	57
102423	FACS rinse liquid 5 liter per Pack	5 L	8810	19	15	0	0	23	57
102426	FACS lyse liquid 100ml	100 ml	8810	13	11	0	0	16	40
103130	BD TRUCOUNT Tubes Cat (50 per pack)	50 per Pack	8810	38	31	0	0	45	114
109168	Qiagen HIV-1 RG RT –PCR kit (96)	kit	9423	19	18	10	1	14	62
Second Installment									
Item code	Product	UOM	PQ number	Punjab	Sindh	Khyber Pakhtoon khwa (KPK)	Baluchistan	Federal ISLAMABAD	Total Sum to order (second installment)
102226	FACS Calibur kits Tritests with TRUCOUNT tubes(CD3/CD4/CD8 Markers)	50 tests	9452	38	31	0	0	45	114
105975	Molecular, PCR, QIAmp Viral RNA Mini Kit (extraction), 50 Tests	50 tests	9387	38	36	19	1	29	123
104535	Calibrite Beads	kit	9422	38	31	0	0	45	114
102365	Sheath fluid: FACS caliber of (20 liters per pack)	20 L	9422	19	15	0	0	23	57
105453	Glass Falcon Tubes: (1000 per Pack)	1000 PACK	9422	13	11	0	0	16	40
102366	FACS clean liquid 5 liter per Pack	5 L	9422	19	15	0	0	23	57
102423	FACS rinse liquid 5 liter per Pack	5 L	9422	19	15	0	0	23	57
102426	FACS lyse liquid 100ml	100 ml	9422	13	11	0	0	16	40
103130	BD TRUCOUNT Tubes Cat (50 per pack)	50 per Pack	9422	38	31	0	0	45	114
109168	Qiagen HIV-1 RG RT –PCR kit (96)	kit	9451	19	18	10	1	14	62

Third Installment									
Item code	Product	UOM	PQ number	Punjab	Sindh	Khyber Pakhtoon khwa (KPK)	Baluchistan	Federal ISLAMABAD	Total Sum to order (third installment)
102226	FACS Calibur kits Tritests with TRUCOUNT tubes(CD3/CD4/CD8 Markers)	50 tests	9452	38	31	0	0	45	114
105975	Molecular, PCR, QIAmp Viral RNA Mini Kit (extraction), 50 Tests	50 tests	9387	38	36	19	1	29	123
104535	Calibrite Beads	kit	9422	38	31	0	0	45	114
102365	Sheath fluid: FACS caliber of (20 liters per pack)	20 L	9422	19	15	0	0	23	57
105453	Glass Falcon Tubes: (1000 per Pack)	1000 PACK	9422	13	11	0	0	16	40
102366	FACS clean liquid 5 liter per Pack	5 L	9422	19	15	0	0	23	57
102423	FACS rinse liquid 5 liter per Pack	5 L	9422	19	15	0	0	23	57
102426	FACS lyse liquid 100ml	100 ml	9422	13	11	0	0	16	40
103130	BD TRUCOUNT Tubes Cat (50 per pack)	50 per PA	9422	38	31	0	0	45	114
109168	Qiagen HIV-1 RG RT –PCR kit (96)	kit	9451	19	18	10	1	14	62
Fourth Installment									
Item code	Product	UOM	PQ number	Punjab	Sindh	Khyber Pakhtoon khwa (KPK)	Baluchistan	Federal ISLAMABAD	Total Sum to order (fourth installment)
102226	FACS Calibur kits Tritests with TRUCOUNT tubes(CD3/CD4/CD8 Markers)	50 tests	9452	38	31	0	0	45	114
105975	Molecular, PCR, QIAmp Viral RNA Mini Kit (extraction), 50 Tests	50 tests	9387	38	36	19	1	29	123
104535	Calibrite Beads	kit	9422	38	31	0	0	45	114
102365	Sheath fluid: FACS caliber of (20 liters per pack)	20 L	9422	19	15	0	0	23	57
105453	Glass Falcon Tubes: (1000 per Pack)	1000 PACK	9422	13	11	0	0	16	40
102366	FACS clean liquid 5 liter per Pack	5 L	9422	19	15	0	0	23	57
102423	FACS rinse liquid 5 liter per Pack	5 L	9422	19	15	0	0	23	57
102426	FACS lyse liquid 100ml	100 ml	9422	13	11	0	0	16	40
103130	BD TRUCOUNT Tubes Cat (50 per pack)	50 per PA	9422	38	31	0	0	45	114
109168	Qiagen HIV-1 RG RT –PCR kit (96)	kit	9451	19	18	10	1	14	62

TOP ANNEX 2

PAKISTAN PROCUREMENT FOR NATIONAL AIDS CONTROL PROGRAM									
Shipment Status Overview									
As of May 24, 2012									
PQ #	SO/PO#	Product code	Item description	UOM	SO/PO Quantity	Vendor Name	SO/PO Planned INCO date (products ready with vendor for pre-clearance)	Projected delivery date	ASN Tracking #
FIRST INSTALLMENT									
<i>National Aids Control Program</i>									
8810		102226	FACS Calibur kits Tritests with TRUCOUNT tubes(CD3/CD4/CD8 Markers)	50TEST	114	BECTON DICKINSON INTERNATIONAL	10-Aug-12	10-Aug-12	16054
8810		104535	Calibrite Beads	Kit	114	BECTON DICKINSON INTERNATIONAL	10-Aug-12	10-Aug-12	16001
8810		102365	Sheath fluid: FACS caliber of (20 liters per pack)	20 L	57	BECTON DICKINSON INTERNATIONAL	10-Aug-12	10-Aug-12	16052

PAKISTAN PROCUREMENT FOR NATIONAL AIDS CONTROL PROGRAM

Shipment Status Overview

As of May 24, 2012

PQ #	SO/PO#	Product code	Item description	UOM	SO/PO Quantity	Vendor Name	SO/PO Planned INCO date (products ready with vendor for pre-clearance)	Projected delivery date	ASN Tracking #
8810		105453	Glass Falcon Tubes: (1000 per Pack)	1000 PACK	40	BECTON DICKINSON INTERNATIONAL	10-Aug-12	10-Aug-12	16052
8810		102366	FACS clean liquid 5 liter per Pack	5 L	57	BECTON DICKINSON INTERNATIONAL	10-Aug-12	10-Aug-12	16052
8810		102423	FACS rinse liquid 5 liter per Pack	5 L	57	BECTON DICKINSON INTERNATIONAL	10-Aug-12	10-Aug-12	16052
8810		102426	FACS lyse liquid 100ml	100 ml	40	BECTON DICKINSON INTERNATIONAL	10-Aug-12	10-Aug-12	16052
8810		103130	BD TRUCOUNT Tubes Cat (50 per pack)	50 per PACK	114	BECTON DICKINSON INTERNATIONAL	10-Aug-12	10-Aug-12	16054

PAKISTAN PROCUREMENT FOR NATIONAL AIDS CONTROL PROGRAM

Shipment Status Overview

As of May 24, 2012

PQ #	SO/PO#	Product code	Item description	UOM	SO/PO Quantity	Vendor Name	SO/PO Planned INCO date (products ready with vendor for pre-clearance)	Projected delivery date	ASN Tracking #
8834	132420	105975	Molecular, PCR, QIAmp Viral RNA Mini Kit (extraction), 50 Tests	50PK	123	JENCONS (VWR DIVISION)	23-Apr-12	25-May-12	13749
9423	144720	109168	Qiagen HIV-1 RG RT – PCR kit (96)	Kit	62	JENCONS (VWR DIVISION)	3-Aug-12	3-Aug-12	15913

SECOND INSTALLMENT

National Aids Control Program

9452		102226	FACS Calibur kits Tritests with TRUCOUNT tubes(CD3/CD4/CD8 Markers)	Kit	114	BECTON DICKINSON INTERNATIONAL		30-Sep-12	16002
9422		104535	Calibrite Beads	kit	114	BECTON DICKINSON INTERNATIONAL		30-Sep-12	16054
9422		102365	Sheath fluid: FACS caliber of (20 liters per pack)	20 L	57	BECTON DICKINSON		30-Sep-12	16053

PAKISTAN PROCUREMENT FOR NATIONAL AIDS CONTROL PROGRAM

Shipment Status Overview

As of May 24, 2012

PQ #	SO/PO#	Product code	Item description	UOM	SO/PO Quantity	Vendor Name	SO/PO Planned INCO date (products ready with vendor for pre-clearance)	Projected delivery date	ASN Tracking #
						INTERNATIONAL			
9422		105453	Glass Falcon Tubes: (1000 per Pack)	1000 PACK	40	BECTON DICKINSON INTERNATIONAL		30-Sep-12	16053
9422		102366	FACS clean liquid 5 liter per Pack	5 L	57	BECTON DICKINSON INTERNATIONAL		30-Sep-12	16053
9422		102423	FACS rinse liquid 5 liter per Pack	5 L	57	BECTON DICKINSON INTERNATIONAL		30-Sep-12	16053
9422		102426	FACS lyse liquid 100ml	100 ml	40	BECTON DICKINSON INTERNATIONAL		30-Sep-12	16053
9422		103130	BD TRUCOUNT Tubes Cat (50 per pack)	50 per PACK	114	BECTON DICKINSON INTERNATIONAL		30-Sep-12	16001

PAKISTAN PROCUREMENT FOR NATIONAL AIDS CONTROL PROGRAM

Shipment Status Overview

As of May 24, 2012

PQ #	SO/PO#	Product code	Item description	UOM	SO/PO Quantity	Vendor Name	SO/PO Planned INCO date (products ready with vendor for pre-clearance)	Projected delivery date	ASN Tracking #
9387		105975	Molecular, PCR, QIAmp Viral RNA Mini Kit (extraction), 50 Tests	50PK	123	JENCONS (VWR DIVISION)		30-Sep-12	15014
9451		109168	Qiagen HIV-1 RG RT – PCR kit (96)	kit	52 + 10	JENCONS (VWR DIVISION)		30-Sep-12	15914 + 15719

THIRD INSTALLMENT

National Aids Control Program

7888		102226	FACS Calibur kits Tritests with TRUCOUNT tubes(CD3/CD4/CD8 Markers)	Kit	114	BECTON DICKINSON INTERNATIONAL		17-Feb-13	
7888		104535	Calibrite Beads	kit	114	BECTON DICKINSON INTERNATIONAL		17-Feb-13	
7888		102365	Sheath fluid: FACS caliber of (20 liters per pack)	20 L	57	BECTON DICKINSON		17-Feb-13	

PAKISTAN PROCUREMENT FOR NATIONAL AIDS CONTROL PROGRAM

Shipment Status Overview

As of May 24, 2012

PQ #	SO/PO#	Product code	Item description	UOM	SO/PO Quantity	Vendor Name	SO/PO Planned INCO date (products ready with vendor for pre-clearance)	Projected delivery date	ASN Tracking #
						INTERNATIONAL			
7888		105453	Glass Falcon Tubes: (1000 per Pack)	1000 PACK	40	BECTON DICKINSON INTERNATIONAL		17-Feb-13	
7888		102366	FACS clean liquid 5 liter per Pack	5 L	57	BECTON DICKINSON INTERNATIONAL		17-Feb-13	
7888		102423	FACS rinse liquid 5 liter per Pack	5 L	57	BECTON DICKINSON INTERNATIONAL		17-Feb-13	
7888		102426	FACS lyse liquid 100ml	100 ml	40	BECTON DICKINSON INTERNATIONAL		17-Feb-13	
7888		103130	BD TRUCOUNT Tubes Cat (50 per pack)	50 per PACK	114	BECTON DICKINSON INTERNATIONAL		17-Feb-13	

PAKISTAN PROCUREMENT FOR NATIONAL AIDS CONTROL PROGRAM

Shipment Status Overview

As of May 24, 2012

PQ #	SO/PO#	Product code	Item description	UOM	SO/PO Quantity	Vendor Name	SO/PO Planned INCO date (products ready with vendor for pre-clearance)	Projected delivery date	ASN Tracking #
7888		105975	Molecular, PCR, QIAmp Viral RNA Mini Kit (extraction), 50 Tests	50PK	123	JENCONS (VWR DIVISION)		17-Feb-13	
7888		109168	Qiagen HIV-1 RG RT – PCR kit (96)	kit	62	JENCONS (VWR DIVISION)		17-Feb-13	
FOURTH INSTALLMENT									
<i>National Aids Control Program</i>									
7890		102226	FACS Calibur kits Tritests with TRUCOUNT tubes(CD3/CD4/CD8 Markers)	Kit	114	BECTON DICKINSON INTERNATIONAL		17-May-13	
7890		104535	Calibrite Beads	kit	114	BECTON DICKINSON INTERNATIONAL		17-May-13	
7890		102365	Sheath fluid: FACS caliber of (20 liters per pack)	20 L	57	BECTON DICKINSON		17-May-13	

PAKISTAN PROCUREMENT FOR NATIONAL AIDS CONTROL PROGRAM

Shipment Status Overview

As of May 24, 2012

PQ #	SO/PO#	Product code	Item description	UOM	SO/PO Quantity	Vendor Name	SO/PO Planned INCO date (products ready with vendor for pre-clearance)	Projected delivery date	ASN Tracking #
						INTERNATIONAL			
7890		105453	Glass Falcon Tubes: (1000 per Pack)	1000 PACK	40	BECTON DICKINSON INTERNATIONAL		17-May-13	
7890		102366	FACS clean liquid 5 liter per Pack	5 L	57	BECTON DICKINSON INTERNATIONAL		17-May-13	
7890		102423	FACS rinse liquid 5 liter per Pack	5 L	57	BECTON DICKINSON INTERNATIONAL		17-May-13	
7890		102426	FACS lyse liquid 100ml	100 ml	40	BECTON DICKINSON INTERNATIONAL		17-May-13	
7890		103130	BD TRUCOUNT Tubes Cat (50 per pack)	50 per PACK	114	BECTON DICKINSON INTERNATIONAL		17-May-13	

PAKISTAN PROCUREMENT FOR NATIONAL AIDS CONTROL PROGRAM

Shipment Status Overview

As of May 24, 2012

PQ #	SO/PO#	Product code	Item description	UOM	SO/PO Quantity	Vendor Name	SO/PO Planned INCO date (products ready with vendor for pre-clearance)	Projected delivery date	ASN Tracking #
7890		105975	Molecular, PCR, QIAmp Viral RNA Mini Kit (extraction), 50 Tests	50PK	123	JENCONS (VWR DIVISION)		17-May-13	
7890		109168	Qiagen HIV-1 RG RT – PCR kit (96)	kit	62	JENCONS (VWR DIVISION)		17-May-13	

TOP ANNEX 3

NATIONAL AIDS PROGRAM ADDRESSES FOR DROP OFF POINTS		
 		
Drop off Points	Consignee	Ship To
Federal	National Programme Manager	Store Keeper NACP
	NACP	NIH CHAK Shahzad Islamabad
		Islamabad
	Tel : 051 9255096	Tel : 051 9255096
Punjab	National Programme Manager	Store keeper PACP
	NACP	PACP 1st Floor Montgomery Road
		Lahore
	Tel : 051 9255096	Tel : 042 99200982
Sindh	National Programme Manager	Store keeper SACP
		SACP - Medical Store Dept.
	NACP	Rafique Shaheed Road near
	Tel : 051 9255096	JPMC , Karachi
		Tel : 021 99203413
Khyber Pakhtoonkhwa (KPK)	National Programme Manager	Store Keeper PACP KPK
		PACP KPK - H# 25 Rehman Baba
	NACP	Road , University Town , Peshawar

	Tel : 051 9255096	Tel : 091 9218638
Baluchistan	National Programme Manager	PPM, Balochistan
		Western By Pass Near Fatima Jinnah Hospital, Quetta
	NACP	Tel : 081 9213282
	Tel : 051 9255096	