



**USAID**  
FROM THE AMERICAN PEOPLE

**TB CARE I**

# **TB CARE I - Vietnam**

**Year 2  
Quarterly Report  
July-September 2012**

**October 30, 2012**

## Quarterly Overview

<b>Reporting Country</b>	<b>Vietnam</b>
<b>Lead Partner</b>	<b>KNCV</b>
<b>Collaborating Partners</b>	<b>MSH, WHO</b>
<b>Date Report Sent</b>	30 October 2012
<b>From</b>	Dr. Nguyen Thien Huong
<b>To</b>	Dr. Nguyen Thi Minh Ngoc Dr. Pham Huy Minh
<b>Reporting Period</b>	<b>July-September 2012</b>

<b>Technical Areas</b>	<b>% Completi</b>
1. Universal and Early Access	95%
2. Laboratories	91%
3. Infection Control	96%
4. PMDT	95%
5. TB/HIV	100%
6. Health Systems Strengthening	96%
7. M&E, OR and Surveillance	100%
<b>Overall work plan completion</b>	<b>96%</b>

### Most Significant Achievements

#### Universal access:

TB control in prison: The exposure visit of TB, TB\HIV and MDRTB control in prisons in Indonesia for high level officials from Ministry of Public Security and Ministry of Health (NTP, VAAC), and National Assembly to advocate this activity in Vietnam was organized in July. The members of the study tour were resource persons for developing and implementing a 3 year work plan on TB, TB\HIV and MDR-TB control in prison in Vietnam. To facilitate a development process for 3 year work plan on TB, TB\HIV and MDR-TB control in prison, a stakeholder workshop was conducted jointly with GF9 phase 2 reprogramming on 1st August with the representatives of NTP, VAAC, MOPS, MOLISA and interested international and local partners (USAID, FHI360, WHO, KNCV, NAV, CHDC) and TA by KNCV-HO consultant. During the workshop, the model on TB/HIV/MDRTB control in prisons/ TECs for 2013-2015 period was developed and agreed. The objectives, outcomes, technical areas, main activities: prevention, care, screening, diagnosis, treatment, continuum care/treatment after release was defined. The draft 3 year work plan is available for GF9 phase 2 and TB CARE I APA3.

TB in children: 9 trainings for NTP staff, doctors and pediatricians in general hospitals and 30 trainings for CHWs in 3 pilot provinces were conducted in July and August 2012. The pilot phase for new approach of management of TB in children has been started on the 1st September in 3 selected provinces (30 districts and 415 communes). Two OR protocols to evaluate new strategy for management TB in children have been developed and will be implement in APA3.

#### Laboratory:

3 last trainings on lab management and bio-safety for lab staff in provincial and district levels were conducted in this quarter in Can tho, K74 and Binh dinh, making a total making a total of 84 lab staff with appropriate bio-safety practice in 5 MDR designated laboratories to support the diagnosis and monitoring of TB (MDR-TB) patients in APA2.

The bio-safety status including facility, equipment and work practice in 5 MDR-TB laboratories in K74, Thanh Hoa, Binh Dinh, Binh Thuan and Tien Giang has been upgraded. Final assessments were conducted with representatives of NTP, Hospitals, constructors, equipment providers, DNV (technical assistance agency), KNCV and USAID (Binh thuan). The renovation project of the TB laboratories were progressing well. Some minor improvements are still required. The 5 new laboratories have been put into use.

Xpert MTB\RIF technique has been introduced in 17 sites in the period of Jun-Sep (11 MDR-TB centers including 3 district TB Units, 4 high prevalent HIV provinces and 2 Pediatrics Hospitals). A total number of participants receiving training on GeneXpert across the nation of Vietnam up to 588. As per 30 September 2012, a total of 1,203 TB & MDR-TB suspects were examined using Xpert MTB\RIF.

#### TB infection control:

The upgrade of TBIC status for 5 MDR-TB treatment wards in 5 MDR-TB treatment centers of Thanh Hoa, Binh Dinh, Binh Thuan, Tien Giang and K74 are completed. Five new MDR-TB treatment wards are

into use.

TBIC control measures according to the approved TBIC facility plans have been implemented in 30 District TB Units.

Outline of the national TBIC recording and reporting plan were developed and finalized. Data collection for 4 TBIC indicators including the data on TB disease (all forms) among HCWs from 45 provincial TB hospitals and 18 provincial TB Units has been implemented, making a total of all 63 provincial TB hospitals/TB Units in the country.

12,000 posters on TBIC were developed, printed and distributed for increasing TBIC awareness in TB patients and community.

#### PMDT:

10,000 flipbooks on MRD-TB have been developed, printed and distributed to 35 MDRTB treatment centers and satellites (Provincial, district and commune levels) for increasing awareness of MDR-TB prevention, diagnosis, treatment and social support among health care workers, patients and community.

#### TB\HIV:

The research on TB screening and referral service for PLWHA at out-patient clinics was conducted. Data collection and analysis were complete. Result dissemination will be done in October.

#### HSS:

National and 2 regional advocacy workshops completed; Round 9 TB Phase 2 proposal demonstrated good response from provinces in terms of counterpart funding (47% committed vs. minimum 25 % expected); TV talks shows produced and aired (TB in children, TB/HIV); Follow-up workshops with journalists conducted including field visit. Articles written and discussed with TA from journalist trainer.

The project meeting were organized on 3 August with participations of TB CARE I partners (KNCV, MSH, WHO, DNV), NTP and 9 project provinces for reviewing the APA2 implementation status and discussing APA3 development. USAID representative attended this meeting.

#### M&E, OR and surveillance:

The second TA mission visit was conducted in September by KNCV-HQ research consultant. During the visit, 3 OR protocols to evaluate new strategy on management of TB in children, GeneXpert implementation were discussed and finalized with NTP and TB CARE partners. During the mission, consultant also provide TA to NTP for study on TB screening for PLWHA and the 4th DRS (data analysis and report writing phase).

### **Overall work plan implementation status**

The overall work plan completion reached 96% for APA2. Some activities to evaluate the new technique (Xpert MTB\RIF), new strategy (management TB in children), monitoring and supervision will be carried out to APA3. Financial absorption also reached to 89 % this quarter.

### **Technical and administrative challenges**

Limited human resource from NTP for coordination of the TB CARE I project (01 part-time staff)

---

**In-country Global Fund status and update**

Office of the Inspector General (OIG) audited the Global Fund grants and made recommendations (June 2012).

TB Round 9 Phase 2 request for renewal was prepared and submitted (Sep 1, 2012). The request was prepared with TA from CDC, WHO, PATH.

## Quarterly Technical Outcome Report

Technical Area		1. Universal and Early Access					Result	Highlights of the Quarter	Challenges and Next Steps to Reach the
Expected Outcomes	Outcome Indicators	Baseline		Target					
		Data	Year	Data	Year				
1.1 Increased demand for and use of high quality TB services and improve the satisfaction with TB services provided (Population/Patient Centered Approach)	<p>1.1.4 A multisectoral 3 year work plan for TB-HIV control in prisons is endorsed by the NTP, HIV program and Ministry of Police and supported by their partners (KNCV, MCNV, FHI, USAID)</p> <p>Description: the implementation of a comprehensive TB/HIV strategy, including a model for transitional care after release is planned for the country</p> <p>Indicator Value: yes</p> <p>Level: national</p> <p>Source: MOH, MOP</p> <p>Means of Verification: the physical plan and endorsement letters</p> <p>Numerator:</p> <p>Denominator:</p>	no	2011	yes	2012	Yes	<p>The exposure visit of TB, TB\HIV and MDRTB control in prisons in Indonesia for high level officials from Ministry of Public Security and Ministry of Health (NTP, VAAC), and National Assembly to advocate this activity in Vietnam was organized in July. To facilitate a development process for 3 year work plan on TB, TB\HIV and MDR-TB control in Vietnam, a stakeholder workshop was conducted jointly with GF9 phase 2 reprogramming on 1st August with the representatives of NTP, VAAC, MOPS, MOLISA and interested international and local partners (USAID, FHI, WHO, KNCV, NAV, CHDC, etc...) with TA by KNCV-HO consultant (Dr. Agnes Gebhard). The model on TB/HIV/MDRTB control in prisons/ TECs: Joint vision on TB/HIV/MDR control in prisons/TECs in Vietnam, goals for 2013-2015 period was developed and agreed. The objectives, outcomes, technical areas, main activities: prevention, care, screening, diagnosis, treatment, continuum care/treatment after release was defined. The 3 year work plan is available for GF9 phase 2 and TB CARE I APA3.</p> <p>□</p>	Next steps: 3 year work plan on TB\HIV\MDR-TB control in prisons will be included in GF9 phase 2 and TB CARE I APA3	

	<p>1.1.5 A model for transitional TB/HIV care and social support to ex-prisoners is piloted</p> <p>Description: number of provinces implementing social support and transitional care for ex-prisoners</p> <p>Indicator Value: number of provinces implementing</p> <p>Level: provincial</p> <p>Source: reports</p> <p>Means of Verification: field visits</p> <p>Numerator: number of provinces implementing system for social support and transitional care for ex-prisoners</p> <p>Denominator: number of project provinces with prisons</p>	0/6	2011	2 / 6	2012		This activity was removed from the work plan	
1.2 Increased quality of TB services delivered among all care providers (Supply)	<p>1.2.5 The coverage of provinces with new strategy for TB control in children</p> <p>Indicator Value: Percent</p> <p>Numerator: Number of provinces implementing new strategy for TB control in children</p> <p>Denominator: total number of project provinces</p>	0/8	2011	3/8	2012	3/8	<p>9 trainings for NTP staff, doctors and pediatricians in general hospitals and 30 trainings for CHWs in 3 pilot provinces was conducted in July and August 2012. The pilot phase for new approach of management of TB in children has been started on the 1st September in 3 selected provinces with 30 districts and 415 communes involved.</p> <p>Two OR protocols to evaluate new strategy for management TB in children (i) feasibility and acceptability of provision of isoniazid preventive therapy (IPT) to children at the communal level and ii) yield and accuracy of the new TB screening algorithm for children) developed by NTP\Child TB Group have been finalized with TA by KNCV-HQ research consultant (Dr. Edine Tiemersma). These 2 protocols will be submitted to NTP board and research committee for approval and the implementation phase will be in APA3.</p>	Next steps: i) pilot implementation in 3 provinces; (ii) coordination, monitoring and supervision including TA by external consultant; (iii) evaluation of new strategy on TB in children.

Technical Area 2. Laboratories		Baseline		Target		Result	Highlights of the Quarter	Challenges and Next Steps to Reach the
Expected Outcomes	Outcome Indicators	Data	Year	Data	Year	Y2		
2.1 Ensured capacity, availability and quality of laboratory testing to support the diagnosis and monitoring of TB patients	2.1.3 MDR designated laboratories with appropriate bio-safety practice. Indicator Value: Number Numerator: Number of provincial laboratories with appropriate bio-safety practice in project site Denominator: Number of provincial laboratories in project site.	1	2011	6	2012	6	3 last trainings on lab management and bio-safety for 51 lab staff (27 male, 24 female) in provincial and district levels were conducted in Can though (9-13 July), K74 (6-10 August) and Binh dinh (13-17 August), making a total of 59 lab staff being trained on improved work practice in TB labs under TB CARE I APA2 (31 male and 28 female staff), and total of 84 lab staff in 5 MDR TB centers of Vietnam being trained on improved works practices under TB CARE I so far	Next steps: i) NRL\NTP will provide further on job training during regular supervision visit; ii) SNRL will provide further site assessment.
2.2 Ensured the availability and quality of technical assistance and services	2.2.3 Upgraded laboratories in term of bio-safety status and equipment Indicator Value: number of culture laboratories equipped and functioning at the appropriate biosafety level Level: project area Source: TA reports Means of Verification: number Numerator: number of provinces with culture laboratories equipped and functioning at the appropriate biosafety level Denominator: total number of project provinces	4	2011	9	2012	9	The bio-safety status including facility, equipment and work practice in 5 MDR TB laboratories in K74, Thanh Hoa, Binh Dinh, Binh Thuan and Tien Giang has been upgraded. Final assessments were conducted with representatives of NTP, Hospitals, constructors, equipment providers, DNV (technical assistance agency), KNCV and USAID (Binh thuan). The renovation project of the TB laboratories were progressing well. Some minor improvements are still required. The laboratories are put into use.	<b>Next steps:</b> i) Some minor improvements will be done by constructors/hospitals;
2.3 Ensured optimal use of new approaches for laboratory confirmation of TB and incorporation of these approaches in national strategic laboratory plans	2.3.1 New technologies have been introduced Indicator Value: Number for each technique below by Central, Provincial, district and Peripheral levels 1. TB culture	4	2011	9	2012	8	TB culture can be performed in 4/5 upgraded labs excepted in Tien giang. This technique will be implemented in Tien giang in 2013	Next steps: Follow up with NTP and Tien giang for implementation of culture technique in Tien giang.

	2.3.2 Description: GenXpert Indicator Value: Level: Source: Means of Verification: Numerator: Denominator:	2	2011	17	2012	17	Xpert MTB\RIF technique has been introduced in 17 sites in the period of Jun-Sept (11 MDR-TB centers including 3 DTUs, 4 high prevalent HIV provinces and 2 Pediatrics Hospitals). A total number of participants receiving training on GeneXpert across the nation of Vietnam up to 588 (291 male and 297 female). In this period, Xpert MTB\RIF test was performed for 1,203 TB and MDRTB suspects, of which 209 rifampicin resistant cases and 661 TB cases.	<b>Next steps:</b> follow up and evaluate GeneXpert pilot implementation plan
	2.3.3 Description: LED microscopy Indicator Value: Level: Source: Means of Verification: Numerator: Denominator:	0	2011	14	2012	14	LED FM unit and consumables contract performance has been completed and 14 LED FM units have been delivered to HCMC (10 units), Binh dinh (2 units) and K74 hospital (2 units) and reagents accordingly in September.	<b>Next steps:</b> Implementation and evaluation of LED FM implementation in selected sites. 14 LED FM units & reagent have been purchased and distributed to 14 sites in September. However, these units were not put into use and this service is not in

Technical Area		3. Infection Control					Result	Highlights of the Quarter	Challenges and Next Steps to Reach the
Expected Outcomes	Outcome Indicators	Baseline		Target		Y2			
		Data	Year	Data	Year				
3.2 Scaled-up implementation of TB-IC strategies	3.2.3 Description: number of TB and HIV facilities implementing national TB IC policy Indicator Value: absolute number Level: project area Source: reports Means of Verification: site visits Numerator: number of implementing facilities in project provinces	4/9	2011	55/9	2012	35/9	The upgrade of TBIC status for 5 MDR treatment wards in 5 MDRTB treatment centers of Thanh Hoa, Binh Dinh, Binh Thuan, Tien Giang and K74 are completed and put into use. TBIC control measures according to the approved TBIC facility plans have been implemented in 30 district TB units (DTU).	<b>Next steps:</b> TBIC facility plans will be implemented in the remaining DTUs in APA3	

3.3 Strengthened TB IC Monitoring & Measurement	3.3.1 Annual reporting on TB disease (all forms) among HCWs is available as part of the national R&R system Indicator Value: Number of provincial TB&LD Hospital reported /number of provincial TB facilities in the country	no	2011	45/63	2012	63/63	Outline of the national TBIC recording and reporting plan were developed and finalized. Data collection for 4 TBIC indicators including the data on TB disease (all forms) among HCWs from 45 provincial TB hospitals and 18 provincial TB Units has been implemented, making a total of all 63 provincial TB hospitals/TB Units in the country.	<b>Next steps:</b> TBIC indicators will be collected annually.
---	---	----	------	-------	------	-------	--	--

#### Technical Area 4. PMDT

Expected Outcomes	Outcome Indicators	Baseline		Target		Result	Highlights of the Quarter	Challenges and Next Steps to Reach the
		Data	Year	Data	Year	Y2		
4.1 Improved treatment success of MDR TB	4.1.2 MDR TB patients who are still on treatment and have a sputum culture conversion 6 months after starting MDR-TB treatment (% in roll-out phase estimated to be lower than the baseline, as the baseline was reached in a central pilot situation) Indicator Value: Percent Numerator: Number of MDR TB patients in a cohort who are still on treatment and had culture conversion latest at month 6 (having had 2 negative sputum cultures taken one month apart and remained culture negative since) Denominator: Total number of MDR patients who started treatment in the cohort.	PNTB (78/93 patients= 84%)	2011	>75%	2012		10,000 flipbooks on MRD-TB have been developed, printed and distributed to 35 MDRTB treatment centers and satellites (Provincial, district and commune levels) for increasing awareness of MDR-TB prevention, diagnosis, treatment and social support among health care workers, patients and community	<b>Next steps:</b> monitoring on use of flipbooks at all levels will be carried out combined with the NTP regular supervision.

#### Technical Area 5. TB/HIV

Expected Outcomes	Outcome Indicators	Baseline		Target		Result	Highlights of the Quarter	Challenges and Next Steps to Reach the
		Data	Year	Data	Year	Y2		

5.2 Improved diagnosis of TB/HIV co-infection	<p>5.2.5 Baseline statistics available for screening and referral practices for PLWHA on TB in the project provinces</p> <p>Description: Measurement of baseline statistics for TB screening and referral practices in the project provinces</p> <p>Indicator Value: proportion</p> <p>Level: province</p> <p>Source: HIV and TB clinic statistics, patient interviews</p> <p>Means of Verification: report on baseline statistics</p> <p>Numerator: number of provinces with baseline statistics on screening and referral practices.</p> <p>Denominator: Total number of project provinces</p>	0/9	2011	5/9	2012	3/9	The research on TB screening and referral service for PLWHA at out-patient clinics was implemented . Data collection and analysis were complete. Result dissemination will be conducted in October.	<b>Next steps:</b> Study results will be finalized and presented at the TB/HIV conference in October and the 4th Asia-Pacific UNION conference in April 2013 in Vietnam.
---	--	-----	------	-----	------	-----	---	--

<b>Technical Area</b>	<b>6. Health Systems Strengthening</b>
-----------------------	--

Expected Outcomes	Outcome Indicators	Baseline		Target		Result	Highlights of the Quarter	Challenges and Next Steps to Reach the
		Data	Year	Data	Year	Y2		

<p>6.1 TB control is embedded as a priority within the national health strategies and plans, with matching domestic financing and supported by the engagement of partners</p>	<p>6.1.4 Number of provinces expressing commitment to increased TB funding          Description: As a result of advocacy meetings with members of parliament and provincial people committee leaders TB funding is expected to increase          Indicator Value: percentage          Level: nationwide          Source: workshop documentation          Means of Verification:          Numerator: number of provinces making statement of commitment to increased provincial resources for TB control          Denominator: number of provinces attending advocacy meetings</p>	<p>0</p>	<p>2011</p>	<p>75 %</p>	<p>2012</p>	<p>100%</p>	<p>In total, 22 provinces attended the 3 advocacy workshops (2 on regional and 1 on national level) with total of 190 participants in these workshops (102 male and 88 female participants). The National Assembly and People Council members showed their attention to TB control achievements and challenges. They appreciated to be able to observe TB Control work in the field. There was high commitment to maintain Tb high on the agenda, i.e. remaining a National target programme. They emphasize the importance of advocacy meetings at national and provincial level and request provincial NTP to be more proactive in contact with local People Committees and People Councils to provide/update local specific challenges for TB control such as human resource, funding, health insurance challenges. Almost all People Committees and People Councils showed their commitment to TB control (see attached the estimates of local funding for TB as transmitted upon request). In addition future commitments were demonstrated in the request for renewal of GF TB Round 9 Phase 2 (47% vs. the minimum 25% requested) .</p>	<p>There is a need to continue to organize advocacy meetings, targeting high burden TB and TB/HIV provinces to increase support for TB control. One national WS is needed to maintain the attention of the government</p>
---	---	----------	-------------	-------------	-------------	-------------	--	---

Technical Area 7. M&E, OR and Surveillance		Baseline		Target		Result	Highlights of the Quarter	Challenges and Next Steps to Reach the
Expected Outcomes	Outcome Indicators	Data	Year	Data	Year	Y2		

7.3 Improved capacity of NTPs to perform operations research	7.3.2 Proportion of key studies supported by research consultant Description: the research consultant is supporting the national DRS, ongoing OR and new interventions supported by USAID Indicator Value: proportion Level: national Source: mission report Means of Verification: field visit Numerator: number of evaluation studies supported Denominator: number of studies on new interventions in the field of MTB/Rif Xpert, LED FM, HIV/TB referral, PMDT, TB control in children, TB infection control, implementation of e-TB manager	8/8	2011	20/20	2012	14/20	The second TA mission visit was conducted on 4-14 September by Dr. Edine Tiemersma (KNCV-HO research consultant). During the visit, 3 OR protocols to evaluate new strategy on management of TB in children, GeneXpert implementation were discussed and finalized with NTP and TB CARE partners. During the mission, consultant also provide TA to NTP for study on TB screening for PLWHA and the 4th DRS (data analysis and report writing phase) TB CARE I: 3 ORs, NTP: 11 ORs (cumulative)	<b>Next steps:</b> OR protocols will be submitted to NTP board & research committee for approval and then implemented for data collection in APA3.
--	---	-----	------	-------	------	-------	--	--

## Quarterly Activity Plan Report

1. Universal and Early Access			Activity Leader	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
1.1 Increased demand for and use of high quality TB services and improve the satisfaction with TB services provided (Population/Patient Centered Approach)	1.1.1	Introductory meeting on TB/HIV control in prisons	KNCV	2.000	 100%	Sep	2012	This activity was conducted jointly with GF9 phase 2 reprogramming in July-August
	1.1.2	Stakeholder workshop for development of 3 year plan	KNCV	5.000	 100%	Sep	2012	This activity was conducted jointly with GF9 phase 2 reprogramming in July-August
	1.1.3	Writing of detailed 3 year plan for TB / HIV control in prisons	KNCV	3.100	 100%	Sep	2012	This activity was conducted jointly with GF9 phase 2 reprogramming in July-August
	1.1.4	Stakeholder workshop to finalize and endorse the 3 year plan on TB / HIV control in prisons	KNCV	5.000	 100%	Sep	2012	The stakeholder workshop was conducted jointly with GF9 phase 2 reprogramming on 1st August with the representatives of NTP, VAAC, MOPS, MOLISA and interested international and local partners (USAID, FHI, WHO, KNCV, NAV, CHDC, etc...). 24 participants including 19 male and 5 female. The model on TB/HIV/MDRTB control in prisons/TECs: Joint vision on TB/HIV/MDR control in prisons/TECs in Vietnam, goals for 2013-2015 period was developed and agreed. the objectives, outcomes, technical areas, main activities: prevention, care, screening, diagnosis, treatment, continuum care/treatment after release was defined. The next steps including agreement on writing team, planning, deadlines was agreed.
	1.1.5	Exposure visit on TB\HIV\MDR control in prisons	KNCV	20.000	 100%	Jul	2012	The exposure visit to Indonesia for learning experience on TB/HIV/MDR TB in prison for 5 days (2-6 July) was conducted jointly by NTP and KNCV Vietnam and NTP, KNCV & FHI360 Indonesia successfully. The study team consists of 11 members: 1 members from the National Assembly, 2 members from Ministry of Public Security, 2 members from HIV program (VAAC)-MOH, 2 members from NTP-MOH, 1 member from USAID country Mission, 2 members from KNCV Country Office (TB CARE I) and 2 members from FHI360. The members of the team actively participated in the process of development of the work plan on TB\HIV\MDRTB control in prisons.

	<b>1.1.6</b>	TA , consultant from PMU (Dr. Agnes Gebhard)	KNCV	4.490	100%	Sep	2012	Dr. Agnes Gebhard (KNCV-HQ) conducted the mission visit for 1 week in July-August to provide TA in development of the work plan on TB\HIV\MDRTB control in prisons. Her mission combined with 2 week-visit supported by WHO to provide TA in GF9 phase 2 reprogramming.
<b>Outcome</b>	<b>Activity #</b>	<b>Activity</b>	<b>Activity Leader</b>	<b>Approved Budget</b>	<b>Cumulative Completion</b>	<b>Month</b>	<b>Year</b>	<b>Cumulative Progress and Deliverables up-to-date</b>
1.2 Increased quality of TB services delivered among all care providers (Supply)	<b>1.2.1</b>	Initial assessment for new strategy for TB control in children implementation in 3 pilot provinces	KNCV	9.255	100%	Jun	2012	The initial assessment for new strategy for TB control in children implementation in 3 piloted provinces (Hanoi, HCMC and Can tho) has been successfully completed.
	<b>1.2.2</b>	Finalization of training materials	KNCV	11.600	100%	Jun	2012	The training materials have been completed after different rounds of consultation and adopted by the NTP and ready for training courses in pilot provinces
	<b>1.2.3</b>	Training on TB in children	KNCV	57.860	100%	Sep	2012	9 trainings for NTP staff, doctors and pediatricians in general hospitals at provincial level and 30 trainings for communal healthcare workers in these 3 pilot provinces were conducted in July and August 2012. The total number of healthcare workers received training is 924 including 264 male and 660 female healthcare staff. The pilot phase for new approach of management of TB in children has been started on the 1st September in 3 selected provinces (30 districts and 415 communes).
	<b>1.2.4</b>	Coordination, monitoring and supervision	KNCV	29.240	Cancelled	Sep	2012	Pilot implementation has been started since 1st September. So, this activity was cancelled and started in October (APA3).
	<b>1.2.5</b>	TA - Pediatrician - Steve Graham	KNCV	15.010	Cancelled	Sep	2012	Preparation for the mission has been done. However, NTP cancelled and postponed the TA mission visit till quarter 1, 2013 (APA3).
	<b>1.2.6</b>	Evaluate new strategy for TB in children	KNCV	20.000	50%	Sep	2012	2 OR protocols to evaluate new strategy for management TB in children (i) feasibility and acceptability of provision of isoniazid preventive therapy (IPT) to children at the communal level and ii) yield and accuracy of the new TB screening algorithm for children) developed by NTP\Child TB Group have been finalized with TA by KNCV-HQ research consultant (Dr. Edine Tiemersma) during the TA mission visit in September. These 2 protocols will be submitted to NTP board and research committee for approval and the implementation phase will be in APA3.

95%

2. Laboratories								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Planned Completion Month	Year	Cumulative Progress and Deliverables up-to-date
2.1 Ensured capacity, availability and quality of laboratory testing to support the diagnosis and monitoring of TB patients	2.1.1	Training for staff for improve work practice	KNCV	33.650	100%	Aug	2012	3 last trainings on lab management and bio-safety for 51 lab staff (27 male, 24 female) in provincial and district levels were conducted in Can though (9-13 July), K74 (6-10 August) and Binh dinh (13-17 August), making a total of 84 lab staff being trained on improved work practice in TB labs (33 male and 51 female staff).
	2.1.2	Monitoring and on the job training	KNCV	7.920	Cancelled	Sep	2012	This activity was cancelled.
	2.1.3	Revision of SOP's guidelines for lab services	KNCV	11.920	100%	Aug	2012	The final guidelines and SOPs on TB laboratory services and EQA & maintenance were finalized in the workshop on 14-15 August with participation of the members of the NTP lab technical working group and with TA by Dr. Kim Sang Jea and Dr. NT Ngoc Lan. 3,000 copies were printed.
	2.1.4	TA	KNCV	28.710	100%			The TA mission by laboratory consultant (Dr. Sang Jea Kim) was successfully conducted on 6-18 August to provide TA for finalizing the LED FM implementation plan in HCMC, work with NRL and participate in the workshop to discuss and finalize the guidelines and SOPs on TB laboratory services and EQA & maintenance.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
2.2 Ensured the availability and quality of technical assistance and services	2.2.1	Upgrade biosafety status of the designated MDR-TB laboratories	KNCV	583.000	100%	Sep	2012	The bio-safety status including facility, equipment and work practice in 5 MDR-TB laboratories in K74, Thanh Hoa, Binh Dinh, Binh Thuan and Tien Giang have been upgraded. Final assessments were conducted with representatives of NTP, concerned TB and lung Hospitals, constructors, equipment providers, DNV (technical assistance agency), KNCV and USAID (Binh thuan only). The renovation project of the TB laboratories were progressing well. Some minor improvements are still required. The new laboratories are put
	2.2.2	Coordination of laboratory assistance by international partners	WHO	9.038	100%	Aug	2012	2nd Laboratory coordination meeting (August 31, 2012)

	<b>2.2.3</b>	Establishment of laboratory sample transportation system	MSH	46.564	 75%	Sep	2012	Counting is on based on the remaining budget and because transportation by post office has not been set up yet.
	<b>2.2.4</b>	Supervision of lab development by central level	KNCV	5.355	 100%	Sep	2012	For the lab development: Central level involved in the final assessments of the lab renovation: NRL in Hanoi for Thanh hoa, K74 and Binh dinh and RRL in PNTH for Binh thuan and Tien giang.
<b>Outcome</b>	<b>Activity #</b>	<b>Activity</b>	<b>Activity Leader</b>	<b>Approved Budget</b>	<b>Cumulative Completion</b>	<b>Month</b>	<b>Year</b>	<b>Cumulative Progress and Deliverables up-to-date</b>
2.3 Ensured optimal use of new approaches for laboratory confirmation of TB and incorporation of these approaches in national strategic laboratory plans	<b>2.3.1</b>	Step-wise approach to introduce MTB/RIF Xpert : equipment, supplies, maintenance	KNCV	473.150	 100%	Sep	2012	15 GeneXpert machines have been procured and delivered in June (9 for MDRTB treatment centers) and in August (6 for 4 Provincial TB & Lung Disease Hospitals with high HIV prevalence and 2 Pediatrics Hospitals). Contract for Xpert MTB\RIF cartridges has been signed.
	<b>2.3.2</b>	Step-wise approach to introduce MTB/RIF Xpert :training material development	KNCV	14.195	 100%	May	2012	Diagnostic algorithms for 3 project targeted groups have been developed. Forms and registers have been revised based on the NTP existing forms/registers. Training curriculum and materials are completed by a technical working group with representatives from NTP, KNCV, WHO, MSH, and Cepheid. The Xpert implementation plan and training materials have been adopted by NTP and have been used in GeneXpert training courses
	<b>2.3.3</b>	Step-wise approach to introduce MTB/RIF Xpert :training	KNCV	49.740	 100%	Sep	2012	Trainings were conducted for lab staff on GeneXpert operation and for management staff and clinicians on pilot implementation (diagnostic algorithms, forms & registers for recording & reporting, cartridge supply management, monitoring & supervision, etc. ...) in 16 sites. In quarter 4 of the Project, 451 NTP staff (227 male, 224 female) attended these trainings, making the total number of participants receiving training on GeneXpert across the nation of Vietnam up to 645 (328 male and 317 female). NTP has postponed GeneXpert training for last site in Dien bien to October. All preparation for this training has been conducted in September.

<b>2.3.4</b>	Data collection Xpert	KNCV	20.740	 100%	Sep	2012	GeneXpert data has been collected on the monthly basis. All pilot sites send the monthly reports on Xpert MTB\RIF testing and GeneXpert cartridge use and stock to NTP for compiling and analysis for management. As per 30 September 2012, a total of 1,203 TB and MDRTB suspects were examined using Xpert MTB\RIF.
<b>2.3.5</b>	Coordination and feedback meetings Xpert	KNCV	16.020	Cancelled	Sep	2012	Since GeneXpert implementation only started in the last quarter, the first quarterly meeting will be conducted in quarter 1, APA3.
<b>2.3.6</b>	Site supervision Xpert	KNCV	13.940	 25%	Sep	2012	Since GeneXpert implementation only started in the last quarter, NTP & KNCV conducted site supervision for PNTH (the first site implemented in June). For other sites, this activity will be started in October (APA3).
<b>2.3.7</b>	Operations research Xpert	KNCV	31.900	 50%	Sep	2012	OR protocol in support of Xpert MTB\RIF introduction in Vietnam has been developed and finalized in September with technical support from KNCV-HQ research consultant (Dr. Edine Tiemersma). The protocol will be submitted to NTP board and research committee for approval before implementing in the field in APA3.
<b>2.3.8</b>	TA to Xpert implementation	KNCV		 100%	Sep	2012	KNCV (HQ) and PMU have provided distant technical support in preparation of training materials and OR development.
<b>2.3.9</b>	Initial site visit to introduce LED FM	KNCV	875	 100%	Apr	2012	The initial site visit was conducted by staff of PNTH
<b>2.3.10</b>	LED FM equipment supply, consumables, ...	KNCV	41.070	 100%	Jun	2012	LED FM unit and consumables contract performance has been completed and 14 LED FM units have been delivered to HCMC (10 units), Binh dinh (2 units) and K74 hospital (2 units) and reagents accordingly in September.
<b>2.3.11</b>	Trainings on use and guidelines on EQA LED FM	KNCV	2.620	Cancelled	Jun	2012	LED FM units and consumables were provided to pilot sites in September. These activities (2.3.11 to 2.3.16) were cancelled and carried over to APA3.
<b>2.3.12</b>	Quarterly meetings	KNCV	3.400	Cancelled	Aug	2012	
<b>2.3.13</b>	EQA for LED-FM	KNCV	1.800	Cancelled	Apr	2012	
<b>2.3.14</b>	Supervision (province - sites)	KNCV	2.000	Cancelled	Sep	2012	
<b>2.3.15</b>	Pilot operation and data collection	KNCV	2.000	Cancelled	Sep	2012	

	<b>2.3.16</b>	Operation research for LED FM	KNCV	7.500	Cancelled	Sep	2012	
--	---------------	-------------------------------	------	-------	-----------	-----	------	--

 91%

<b>3. Infection Control</b>								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Planned Completion Month	Year	Cumulative Progress and Deliverables up-to-date
3.2 Scaled-up implementation of TB-IC strategies	<b>3.2.1</b>	Implementation of TBIC facility plans in 50 DTUs/HIV clinics including renovation of 5 MDR treatment wards (APA1)	KNCV	150.000	 75%	Sep	2012	TBIC control measures according to the approved TBIC facility plans have been implemented in 35 DTUs.
	<b>3.2.2</b>	Supervision national level	KNCV	4.560	 100%	Sep	2012	TBIC national team (head) actively participated in the TBIC facility plans development and implementation.
	<b>3.2.3</b>	Technical assistance to TBIC	KNCV	27.790	 100%	Sep	2012	Technical assistance on TBIC has been provided by 2 consultants: one from NIHE and one from international (Mr. Franco Ramoso).
	<b>3.2.4</b>	Develop IEC materials on TBIC	KNCV	5.000	 100%	Sep	2012	12,000 posters on TBIC were developed, printed and distributed for increasing TBIC awareness in TB patients and community.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
3.3 Strengthened TB IC Monitoring & Measurement	<b>3.3.1</b>	Develop National TBIC recording and reporting plan	KNCV	2.075	 100%	Sep	2012	Outline of the national TBIC recording and reporting plan was developed and finalized.
	<b>3.3.2</b>	Implement Recording and Reporting records for TBIC indicators in 45 TB hospitals	KNCV	925	 100%	May	2012	Annual routine data collection for 4 TBIC indicators from 45 provincial TB hospitals has been completed.
	<b>3.3.3</b>	Scale up to 63 provincial TB facilities	KNCV	540	 100%	Jun	2012	Data collection for 4 TBIC indicators from 63 provincial TB Units has been completed.
	<b>3.3.4</b>	Operation research: TBIC intervention	KNCV	6.507	Cancelled	Sep	2012	This activity was cancelled since the same OR has been conducted by CDC.

 96%

<b>4. PMDT</b>								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Planned Completion Month	Year	Cumulative Progress and Deliverables up-to-date
4.1 Improved treatment success of	<b>4.1.1</b>	Technical assistance to PMDT implementation and expansion	KNCV	65.429	 75%	Sep	2012	The second TA mission visit planed in August was cancelled till quarter 4/2012.

Success of MDR TB	<b>4.1.2</b>	IEC materials	KNCV	15.286	 100%	Sep	2012	10,000 flipbooks on MRD-TB have been developed, printed and distributed to 35 MDRTB treatment centers and satellites (Provincial, district and commune levels) for increasing awareness of MDR-TB prevention, diagnosis, treatment and social support among health care workers, patients and community
	<b>4.1.3</b>	e-TB manager: pilot in HCMC	MSH	16.500	 100%	Sep	2012	A strategic roadmap for e-TB Manager implementation was elaborated in May 2012 with NTP/PMDT and TB CARE partners to lay the ground for further activity definition and set priority objectives, responsibilities between partners and clear expected timelines for the implementation phases. A working group in charge of monitoring all implementation process was defined and members appointed who endorsed the activity and strategic plan. Subsequently, a new training was conducted in June 2012 at HCM city Hospital for the PMDT team, 24 District Tb Units under HCN City Hospital supervision, and for all PMDT/DR-TB Sites. A new platform of e-TBM in Vietnamese contemplating all recent requests of updates and changes was uploaded to allow all DR-TB sites to start encoding real patient 's data.
	<b>4.1.4</b>	Roll-out of eTB manager to other 9 MDRTB centers	MSH	36.270	 100%	Sep	2012	2 rounds of trainings were conducted for the treatment sites. However, 2 treatment sites have districts below them (as for PNT hospital in HCM), so there will be a need to conduct a new training for these new units.
	<b>4.1.5</b>	TA for eTB manager	MSH	47.182	 100%	Sep	2012	Workshop for SLDs management conducted in Hanoi for all pharmacists from the treatment sites (Participants: Female - 8 (2 Bachelors, 2 Doctors and 4 Pharmacists); Male - 6 (2 Bachelors, 1 Doctor, 1 IT, 1 Nurse and 1 Pharmacist)) Training conducted involving the case and medicine management staff (Participants: Female - 10 (2 Bachelors, 3 Pharmacists and 5 unknown); Male - 12 (2 Bachelors, 1 Doctor, 1 IT, 1 Nurse, 2 Pharmacists and 5 unknown)). TA assistance still on-going with regular monitoring and data consistency checkings as well as routine communication with NTP's staff to address all pending problems linked to e-TB manager implementation.
					 95%			

5. TB/HIV			Activity Leader	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
5.2 Improved diagnosis of TB/HIV co-infection	5.2.1	Assessment of screening of PLWHA for TB	KNCV	50.000	100%	Sep	2012	The research was implemented in the last quarter. Data collection and analysis were complete. Result dissemination will be conducted in October.
	5.2.2	Capacity building on TB control for PEPFAR HIV partners	KNCV	20.425	Cancelled	Sep	2012	VAAC has asked to postpone this activity to APA3 since currently MOH issued the new TB\HIC collaboration framework.
					100%			

6. Health Systems Strengthening			Activity Leader	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
6.1 TB control is embedded as a priority within the national health strategies and plans, with matching domestic financing and supported by the engagement of partners	6.1.1	Advocacy for sustainable financing and political support to TB control at national, provincial and district level	WHO	46.278	100%	Sep	2012	3 advocacy workshops (1 national and 2 regional) were organized to advocate for strengthening financial and political support for TB control programme. 266 participants, 160 male, 106 female.
	6.1.2	Improved Media Coverage for TB using variety of entry points: to raise visibility of TB, destigmatization, advocate for national funding	WHO	83.202	100%	Sep	2012	Following the media contest in 2011, one media award ceremony and health consultation day were organized to raise the attention to TB among health journalists and community. Three journalist trainings on how to write good articles focusing on TB including field visits to the commune level / patient's home) were organized
	6.1.3	Policy dialogue	WHO	27.572	100%	Sep	2012	2 TV Talk shows on TB in children and TB/HIV were produced and aired on O2 TV channel, live and repeated 3 times in the following week. 2 Operational researches ongoing (MDR-TB prescription habits, availability of SLD) completion is expected in Nov 2012.
	6.1.4	Coordination of technical working group	WHO	3.627	100%	Sep	2012	Numerous technical & coordination meetings between June and August 2012 in preparation of Global Fund Round 9 Phase 2 (involving NTP, PATH, CDC, KNCV, WHO, EXPAND TB)

	<b>6.1.5</b>	Project review and planning	KNCV	9.050	 100%	Sep	2012	The project review and planning meeting was organized on August 3. 29 representatives (19 male, 10 female) for USAID, NTP, TB CARE I partners (KNCV, WHO, MSH) and 9 project provinces participated in the meeting. During the meeting, implementation progress of APA2 and APA3 planning were discussed.
	<b>6.1.6</b>	Project coordination and management	KNCV	11.700	 75%	Sep	2012	Meetings on project progress between TB CARE I and NTP were organized quarterly and as needed.

 96%

7. M&E, OR and Surveillance			Activity Leader	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
7.3 Improved capacity of NTPs to perform operations research	<b>7.3.1</b>	Capacity building for OR	KNCV	68.156	 100%	Sep	2012	The second TA mission visit was conducted on 4-14 September by Dr. Edine Tiemersma (KNCV-HO research consultant). During the visit, 3 OR protocols to evaluate new strategy on management of TB in children, GeneXpert implementation were discussed and finalized with NTP and TB CARE partners. During the mission, consultant also provide TA to NTP for study on TB screening for PLWHA and the 4th DRS (data analysis and report writing phase)

 100%

## Quarterly MDR-TB Report

Country	Vietnam
---------	---------

PERIOD	July-September 2012
--------	---------------------

### MDR TB cases diagnosed and put on treatment in country

Quarter	Number of MDR cases diagnosed	Number of MDR cases put on treatment
Jan-Dec 2010	202	101
Jan-Sep 2011	N/A	452
Oct-Dec 2011	N/A	126
<b>Total 2011</b>	N/A	578
Jan-Mar 2012	N/A	176
Apr- June 2012	N/A	176
Jul-Sep 2012	N/A	139
To date in 2012	0	491

## Quarterly GeneXpert Report

Country	Vietnam
---------	---------

Period	April-June 2012
--------	-----------------

**Table 1: TB CARE I-funded GeneXpert instruments and cartridges procured or planned by quarter**

	Procured			# still planned for procurement in APA 2	Month, Year procurement planned (i.e. April 2012)
	Jan-Dec 2011	Jan-Sept 2012	Cumulative Total		
# GeneXpert Instruments	2	15	17		
# Cartridges	2700	17.000	19.700		

**Table 2: Cumulative List of GeneXpert Instruments Procured to Date or Planned in the Next Quarter**

Already procured or still planned? (i.e. Write "Procured" or "Planned")	Instrument	# of Modules (1, 2, 4, or 16)	Location(s) (facility name & city/ province or TBD)	USG Funding Source (e.g., PEPFAR COP FYxx, USAID) <sup>1</sup>	Partner/ Implementing Organization; Additional Comments
Procured	1	4	PNT hospital HCMC	USAID	TB CAP saving
	2	4	National Hospital 74	USAID	TB CAP saving
Procured					
Procured	3	4	PTBH Can Tho	PEPFAR	
Procured	4	4	PTBH Da nang	PEPFAR	
Procured	5	4	PTBH Binh dinh	PEPFAR	
	6	4	District TB-HIV unit (HCMC)	PEPFAR	
Procured					
Procured	7	4	District TB-HIV unit (HCMC)	PEPFAR	
	8	4	District TB-HIV unit (HCMC)	PEPFAR	
Procured					
Procured	9	4	PTB&LDH Thanh hoa	PEPFAR	
	10	4	PTB&LDH Binh Thuan	PEPFAR	
Procured					
Procured	11	4	PTB&LDH Tien giang	PEPFAR	
	12	4	Pediatric hospital no.2 (HCMC)	PEPFAR	
Procured					
	13	4	Central Pediatric hospital (Hanoi)	PEPFAR	
Procured					
Procured	14	4	PT&LDBH Quang Ninh	PEPFAR	

Procured	15	4	PTB&LDH Hai Phong	PEPFAR		
Procured	16	4	PPMC An Giang	PEPFAR		
Procured	17	4	PTB&LDH Dien	PEPFAR		

<sup>1</sup> Differentiating between PEPFAR and USAID-funded is important. If it is PEPFAR funded, specify the fiscal year (i.e. FY2011).

**Table 3: Cumulative Xpert MTB/RIF Cartridges Procured to Date or Planned for Next Quarter**

Already procured or still planned? (i.e. Write "Procured" or "Planned")	Order #	# of Cartridges*	Location(s) (facility name and city/ province or TBD)	USG Funding Source (e.g., PEPFAR COP FYxx, USAID) <sup>1</sup>	Comments	
procured	1	2700	The above-mentioned 17 sites	USAID	TB CAP savings	
procured	2	17000	NTP-National Lung hospital (to be distributed to the above-mentioned 17 sites)	PEPFAR		

\*There are 10 cartridges per kit, but we need the total # of **cartridges** (not kits)

Any additional information/clarifications to the above (optional)

Please provide a brief description of any significant problems encountered in use of the GeneXpert machine(s) and Xpert MTB/RIF

Due to short shelf-life of cartridge, the enforcement of monthly reporting system of test results and cartridge use is necessary to ensure the proper use of cartridge, and to make sure there is no expiry cartridge.

Please describe technical assistance or evaluation of implementation activities performed and planned.

Technical assistance for Xpert MTB\RIF pilot implementation is from KNCV-HQ (Dr. Agnes Gebhard and Edine Tiemarsmer)

## Quarterly Photos (as well as tables, charts and other relevant materials)



TB CARE I  
GeneXpert sites

- ★ 11 MDR-TB centers
- ★ 4 High HIV prevalence provinces
- ★ 2 Pediatrics Hospitals

GeneXpert introduction in Vietnam with TB CARE I support, 2012



Training on the pilot implementation of Xpert MTB/RIF in Hai Phong, September 13-14, 2012



Training on the pilot implementation of Xpert MTB/RIF in Pediatrics Hospital No.1, Sep 17-18, 2012



Training on the pilot implementation of Xpert MTB/RIF for lab technicians in Hai Phong, 2012



Training on the pilot implementation of Xpert MTB/RIF in Quang ninh, Sep 11-12, 2012



10,000 flipbooks on MRD-TB have been developed, printed and distributed to 35 MDR-TB treatment centers and satellites



12,000 posters on TBIC were developed, printed and distributed



Training for NTP staff on the use of IEC materials



Training for NTP staff on the use of IEC materials



ACSM Regional Workshop for provincial parliamentary members in Mekong Delta region on TB control policies



ACSM Workshop for awareness raising for journalists on TB control in Hanoi in September 2012



Meeting on the progress of TB CARE I for APA2 and APA3 development, Ha long, 3 August 2012



Meeting on the progress of TB CARE I for APA2 and APA3 development, Ha long, 3 August 2012

**Inventory List of Equipment TB CARE I**

<b>Organization:</b>	<b>TB CARE I</b>
<b>Country:</b>	Vietnam
<b>Reporting date:</b>	30-Sep-12
<b>Year:</b>	Year 2



**USAID**  
FROM THE AMERICAN PEOPLE

**TB CARE I**

Description (1)	ID numbers (2)	Acquisition date (3)	Acquisition cost (4)	V.A.T (5)	Currency	Location (6)	Condition (7)	Disposition date (8)	Title held by (9)	Warranty/ Insurance Policy
<b>1. KNCV Country Office</b>										
Compaq Desktop Pro2000 Business with HP S1921 LCD and HP keyboard (1)	SGH115SHJW; WJ673A- CN40270M65	10-Jun-11	12.790.000	1.162.727	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Compaq Desktop Pro2000 Business with HP S1921 LCD and HP keyboard (2)	SGH115SHD6; WJ673A- CN40270LG3	10-Jun-11	12.790.000	1.162.727	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Compaq Desktop Pro2000 Business with HP S1921 LCD and HP keyboard (3)	SGH115SHK6; WJ673A- CN40270M47	10-Jun-11	12.790.000	1.162.727	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Compaq Desktop Pro2000 Business with HP S1921 LCD and HP keyboard (4)	SGH115SHK2; WJ673A- CN40270M27	10-Jun-11	12.790.000	1.162.727	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Compaq Desktop Pro2000 Business with HP S1921 LCD and HP keyboard (5)	SGH115SHD4; WJ673A- CN40270M5C	10-Jun-11	12.790.000	1.162.727	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Panasonic KX-TES824SN (Telephone operator)	KX-TES824SN OICC0001831	10-Jun-11	5.990.000	544.545	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Printer Laser Jet HP P2055DN (1)	CNCKR09247	10-Jun-11	11.490.000	1.044.545	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Printer Laser Jet HP P2055DN (2)	CNCKS08980	10-Jun-11	11.490.000	1.044.545	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Photocopy Sharp AR-5623N	15021702	10-Jun-11	62.590.000	5.690.000	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Fax Panasonic KX-FL 612 CX	1CBWC164603	10-Jun-11	5.950.000	540.909	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Scanner HP G3110	L2698A	10-Jun-11	3.575.000	325.000	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
HP Server + Windows Server 2008 Std 2008 R2 w/SP1 x 64)	SSGH029X98M Virtual key for R2: KDFJP-DCC6D- 8M3HR-CWXDT-	28-Dec-11	69.203.459	6.291.224	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
UPS Santak online 1KVA	21201011709000104	28-Dec-11	7.285.882	662.353	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Laptop Dell Latitude E6220 with extended battery and docking station	CWDXPW1	28-Dec-11	39.561.500	3.596.500	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Laptop Dell Latitude E6220 with extended battery and docking station	CWFTWP1	28-Dec-11	39.561.500	3.596.500	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Laptop Dell Latitude E6220 with extended battery and docking station	CWGTWP1	28-Dec-11	39.561.500	3.596.500	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Laptop Dell Latitude E6220 with extended battery and docking station	CWLSXP1	28-Dec-11	39.561.500	3.596.500	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
HP-Compaq LCD S1932 (1)	CN414003ZZ	28-Dec-11	2.523.530	229.412	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
HP-Compaq LCD S1932 (2)	CN414003MW	28-Dec-11	2.523.530	229.412	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Printer Laser Jet HP P2055DN (3)	VNC3T24030	28-Dec-11	12.835.294	1.166.845	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months

LCD Projector Epson EB-1775W/ with USB Presenter/ HDMI cable	NN2F170090L	28-Dec-11	37.632.942	3.421.177	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Dalite electronic screen with remote control	N/A	28-Dec-11	3.526.470	320.588	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Hpec S516 paper shredder	00000435	28-Dec-11	5.072.942	461.177	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Sony ICD SX712 Digital Voice Recorder	1028499	4-Jan-12	6.340.796	576.436	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Digital camera Canon G10	8518407091	4-Jan-12	11.985.204	1.089.564	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
External HDD Western 500GB (1)	WX11A7126029	4-Jan-12	2.523.598	229.418	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
External HDD Western 500GB (2)	WX81E71RXF59	4-Jan-12	2.523.598	229.418	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
External HDD Western 500GB (3)	WX81E81WZ55	4-Jan-12	2.523.598	229.418	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
External HDD Western 500GB (4)	WX31A91W9652	4-Jan-12	2.523.598	229.418	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
External HDD Western 500GB (5)	WXF1A51S1909	4-Jan-12	2.523.598	229.418	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Projector Panasonic PT-LB90NTEA	WS700046L	28-Sep-12	31.128.000	2.829.818	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Hp Scanjet N6350	CCKL08732	28-Sep-12	20.360.000	1.850.909	VND	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
<b>2. KNCV Local Partners</b>										
GeneXpert (1)	708262	26-Nov-11	17.000	-	USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
UPS Hyundai True Online 1000VA	SA18HD11250003	7-Jun-12	6.998.000		VND	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	36 months
HP Printer P2035	CNC0110566	7-Jun-12	8.735.000		VND	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	36 months
GeneXpert (2)	708263	26-Nov-11	17.000	-	USD	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
UPS Hyundai True Online 1000VA	SA18HD11250009	31-May-12	6.998.000		VND	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	36 months
HP Printer P2035	CNC00109386	31-May-12	8.735.000		VND	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	36 months
Laptop Dell Latitude E5420	8MBM5S1	22-Mar-12	23.280.000	-	VND	463 Hoang Hoa Tham, Ha Noi	Good		NTP-National Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBQ5S1	22-Mar-12	23.280.000	-	VND	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	36 months
Laptop Dell Latitude E5420	8MBL5S1	22-Mar-12	23.280.000	-	VND	44 Thanh Nhan Str., Ha Noi	Good		Ha Noi Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBP5S1	22-Mar-12	23.280.000	-	VND	Quang Thinh, Quang Xuong, Thanh Hoa province	Good		Thanh Hoa Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBN4S1	22-Mar-12	23.280.000	-	VND	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	36 months

Laptop Dell Latitude E5420	8MBM4S1	22-Mar-12	23.280.000	-	VND	Alley 53, Phuoc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBQ4S1	22-Mar-12	23.280.000	-	VND	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBP5S1	22-Mar-12	23.280.000	-	VND	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBP4S1	22-Mar-12	23.280.000	-	VND	1/5 Bui Huu Nghia, O Mon, Can Tho province	Good		Can Tho Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBR4S1	22-Mar-12	23.280.000	-	VND	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	36 months
GeneXpert (3)	801972	18-Jun-12	17.000	-	USD	1/5 Bui Huu Nghia, O Mon, Can Tho province	Good		Can Tho Lung Hospital	12 months
UPS Hyundai True Online 1000VA	SA18HD11250002	4-Sep-12	8.735.000		VND	1/5 Bui Huu Nghia, O Mon, Can Tho province	Good		Can Tho Lung Hospital	36 months
HP Printer P2035	CNC0340921	4-Sep-12	6.998.000		VND	1/5 Bui Huu Nghia, O Mon, Can Tho province	Good		Can Tho Lung Hospital	36 months
GeneXpert (4)	801973	18-Jun-12	17.000	-	USD	Quang Thinh, Quang Xuong, Thanh Hoa province	Good		Thanh Hoa Lung Hospital	12 months
UPS Hyundai True Online 1000VA	EH5001120824019	25-Sep-12	8.735.000		VND	Quang Thinh, Quang Xuong, Thanh Hoa province	Good		Thanh Hoa Lung Hospital	36 months
HP Printer P2035	CNC0213061	4-Sep-12	6.998.000		VND	Quang Thinh, Quang Xuong, Thanh Hoa province	Good		Thanh Hoa Lung Hospital	36 months
GeneXpert (5)	801977	18-Jun-12	17.000	-	USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
UPS Hyundai True Online 1000VA	SA18HD11250004	19-Sep-12	8.735.000		VND	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	36 months
HP Printer P2035	CNC0340922	19-Sep-12	6.998.000		VND	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	36 months
GeneXpert (6)	801978	18-Jun-12	17.000	-	USD	District no.6, Ho Chi Minh City	Good		DTU, Q,6, HCMC	12 months
UPS Hyundai True Online 1000VA	EH50010001120824006	4-Sep-12	8.735.000		VND	District no.6, Ho Chi Minh City	Good		DTU, Q,6, HCMC	36 months
HP Printer P2035	CNC0430920	4-Sep-12	6.998.000		VND	District no.6, Ho Chi Minh City	Good		DTU, Q,6, HCMC	36 months
GeneXpert (7)	801979	18-Jun-12	17.000	-	USD	District no.8, Ho Chi Minh City	Good		DTU, Q,8, HCMC	12 months
UPS Hyundai True Online 1000VA	EH50010001120824003	4-Sep-12	8.735.000		VND	District no.8, Ho Chi Minh City	Good		DTU, Q,8, HCMC	36 months
HP Printer P2035	CNC0432150	4-Sep-12	6.998.000		VND	District no.8, Ho Chi Minh City	Good		DTU, Q,8, HCMC	36 months
GeneXpert (8)	802036	18-Jun-12	17.000	-	USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
UPS Hyundai True Online 1000VA	EH5001120824018	26-Sep-12	8.735.000		VND	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	36 months
HP Printer P2035	CNC0112487	26-Sep-12	6.998.000		VND	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	36 months
GeneXpert (9)	802037	18-Jun-12	17.000	-	USD	Binh Thanh District, Ho Chi Minh City	Good		DTU, Binh Thanh, HCMC	12 months

UPS Hyundai True Online 1000VA	EH5001000112082404	4-Sep-12	8.735.000		VND	Binh Thanh District, Ho Chi Minh City	Good		DTU, Binh Thanh, HCMC	36 months
HP Printer P2035	CNC0433373	4-Sep-12	6.998.000		VND	Binh Thanh District, Ho Chi Minh City	Good		DTU, Binh Thanh, HCMC	36 months
GeneXpert (10)	801970	18-Jun-12	17.000	-	USD	Alley 53, Phuoc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	12 months
UPS Hyundai True Online 1000VA	SA18HD11250001	11-Jul-12	8.735.000		VND	Alley 53, Phuoc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	36 months
HP Printer P2035	CNC0112492	11-Jul-12	6.998.000		VND	Alley 53, Phuoc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	36 months
GeneXpert (11)	801971	18-Jun-12	17.000	-	USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
UPS Hyundai True Online 1000VA	EH5001120824010	27-Sep-12	8.735.000		VND	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	36 months
HP Printer P2035	CNC0432368	27-Sep-12	6.998.000		VND	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	36 months
GeneXpert (12)	802217	12-Sep-12	17.000	-	USD	330 Le Dai Hanh, Hai Phong City	Good		Hai Phong Lung Hospital	12 months
UPS Hyundai True Online 1000VA	EH50001120824005	12-Sep-12	8.735.000		VND	330 Le Dai Hanh, Hai Phong City	Good		Hai Phong Lung Hospital	36 months
HP Printer P2035	CNC0313601	12-Sep-12	6.998.000		VND	330 Le Dai Hanh, Hai Phong City	Good		Hai Phong Lung Hospital	36 months
GeneXpert (13)	802218	10-Sep-12	17.000	-	USD	Cao Xanh Ward, Ha Long City	Good		Quang Ninh Lung Hospital	12 months
UPS Hyundai True Online 1000VA	EH50001120824002	10-Sep-12	8.735.000		VND	Cao Xanh Ward, Ha Long City	Good		Quang Ninh Lung Hospital	36 months
HP Printer P2035	CNC0430922	10-Sep-12	6.998.000		VND	Cao Xanh Ward, Ha Long City	Good		Quang Ninh Lung Hospital	36 months
GeneXpert (14)	802219	21-Sep-12	17.000	-	USD	No. 12B Le Loi str., My Binh Ward, Long Xuyen City, An Giang	Good		An Giang Preventive Medical Center	12 months
UPS Hyundai True Online 1000VA	SA18HD11250005	21-Sep-12	8.735.000		VND	No. 12B Le Loi str., My Binh Ward, Long Xuyen City, An Giang	Good		An Giang Preventive Medical Center	36 months
HP Printer P2035	CNC0430923	21-Sep-12	6.998.000		VND	No. 12B Le Loi str., My Binh Ward, Long Xuyen City, An Giang	Good		An Giang Preventive Medical Center	36 months
GeneXpert (15)	802220	22-Sep-12	17.000	-	USD	Noong Bua Ward, Dien Bien Phu City	Good		Dien Bien Lung Hospital	12 months
UPS Hyundai True Online 1000VA	EH50001120824016	22-Sep-12	8.735.000		VND	Noong Bua Ward, Dien Bien Phu City	Good		Dien Bien Lung Hospital	36 months
HP Printer P2035	CNC0314262	22-Sep-12	6.998.000		VND	Noong Bua Ward, Dien Bien Phu City	Good		Dien Bien Lung Hospital	36 months
GeneXpert (16)	802221	17-Sep-12	17.000	-	USD	341 Su Van Hanh, Ward 10, District 10, HCMC	Good		Pediatric Hosospital No.1	12 months
UPS Hyundai True Online 1000VA	SA18HD11250006	17-Sep-12	8.735.000		VND	341 Su Van Hanh, Ward 10, District 10, HCMC	Good		Pediatric Hosospital No.1	36 months
HP Printer P2035	CNC0430924	17-Sep-12	6.998.000		VND	341 Su Van Hanh, Ward 10, District 10, HCMC	Good		Pediatric Hosospital No.1	36 months
GeneXpert (17)	802222	28-Sep-12	17.000	-	USD	No.18/879 La Thanh Str., Dong Da Dist., Hanoi	Good		Central Pediatric Hospital	12 months

UPS Hyundai True Online 1000VA	EH50001120824016	28-Sep-12	8.735.000		VND	No.18/879 La Thanh Str., Dong Da Dist., Hanoi	Good		Central Pediatric Hospital	36 months
HP Printer P2035	CNC03142862	28-Sep-12	6.998.000		VND	No.18/879 La Thanh Str., Dong Da Dist., Hanoi	Good		Central Pediatric Hospital	36 months
UPS EATON 2000VA	11022509170006	29-Mar-12	14.196.000	-	VND	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	36 months
UPS EATON 2000VA	11022509170041	29-Mar-12	14.196.000	-	VND	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	36 months
UPS EATON 2000VA	10101989870056	29-Mar-12	14.196.000	-	VND	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	36 months
UPS EATON 2000VA	1109 154 073 0003	3-Apr-12	14.196.000	-	VND	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	36 months
UPS EATON 2000VA	1109 154 073 0004	3-Apr-12	14.196.000	-	VND	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	36 months
UPS EATON 2000VA	1109 154 061 0054	3-Apr-12	14.196.000	-	VND	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	36 months
UPS EATON 2000VA	11091540610052	4-Apr-12	14.196.000	-	VND	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	36 months
UPS EATON 2000VA	11091540610014	4-Apr-12	14.196.000	-	VND	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	36 months
UPS EATON 2000VA	11091540730066	4-Apr-12	14.196.000	-	VND	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	36 months
UPS EATON 2000VA	2456 0088	29-Mar-12	14.196.000	-	VND	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	36 months
UPS EATON 2000VA	2456 0092	29-Mar-12	14.196.000	-	VND	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	36 months
UPS EATON 2000VA	2456 0028	29-Mar-12	14.196.000	-	VND	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	36 months
UPS EATON 2000VA	2456 0045	29-Mar-12	14.196.000	-	VND	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	36 months
Micropipette set Proline Plus Biohit	12517918 12524789	22-May-12	189	-	USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Micropipette set Proline Plus Biohit	12517919 12524790	22-May-12	189	-	USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Micropipette set Proline Plus Biohit	12517920 12524791	22-May-12	189	-	USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Micropipette set Proline Plus Biohit	11022270 11515430	22-May-12	189	-	USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Micropipette set Proline Plus Biohit	11503389 11515431	22-May-12	189	-	USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Micropipette set Proline Plus Biohit	11514848 11515435	22-May-12	189	-	USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Micropipette set Proline Plus Biohit	12517921 12524792	22-May-12	189	-	USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Micropipette set Proline Plus Biohit	12517922 11515425	22-May-12	189	-	USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Micropipette set Proline Plus Biohit	11500649 11515426	22-May-12	189	-	USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months

Micropipette set Proline Plus Biohit	11529133 11515432	21-May-12	189	-	USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Micropipette set Proline Plus Biohit	11529134 11515433	21-May-12	189	-	USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Micropipette set Proline Plus Biohit	11529135 11515434	21-May-12	189	-	USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Light meter Extech	Q584209	30-May-12	181	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Light meter Extech	Q581258	30-May-12	181	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Light meter Extech	Q584193	30-May-12	181	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Distance meter Vogel	C110103512	18-Jun-12	303	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Distance meter Vogel	C120100536	18-Jun-12	303	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Distance meter Vogel	C120100535	18-Jun-12	303	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Thermal anemometer Kanomax	662915/65422G013 7	30-Jun-12	2.535	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Thermal anemometer Kanomax	662916/65422G013 8	30-Jun-12	2.535	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Thermal anemometer Kanomax	662917/65422G013 9	30-Jun-12	2.535	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
UV meter SGLUX	ESMG10-MB- 3100(0110)	20-Jun-12	2.496	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
UV meter SGLUX	ESMG10-MB- 3100(0106)	20-Jun-12	2.496	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
UV meter SGLUX	ESMG10-MB- 3100(0109)	20-Jun-12	2.496	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Sound meter KIMO	11120409	15-Jun-12	705	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Sound meter KIMO	11120406	15-Jun-12	705	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Sound meter KIMO	11120407	15-Jun-12	705	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Smoke generator	11007697	13-Aug-12	409	-	USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Smoke generator	11007714	13-Aug-12	409		USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Smoke generator	11007705	13-Aug-12	409		USD	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Carl Zeiss Primostar iLED fluorescence microscope	3134000789	9-Jul-12	2.170		USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Carl Zeiss Primostar iLED fluorescence microscope	3134000706	9-Jul-12	2.170		USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Carl Zeiss Primostar iLED fluorescence microscope	3134000714	10-Jul-12	2.170		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months

Carl Zeiss Primostar iLED fluorescence microscope	3134000839	10-Jul-12	2.170		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Carl Zeiss Primostar iLED fluorescence microscope	3134000746	16-Jul-12	2.170		USD	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED fluorescence microscope	3134000798	16-Jul-12	2.170		USD	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED fluorescence microscope	3134000865	16-Jul-12	2.170		USD	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED fluorescence microscope	3134000863	16-Jul-12	2.170		USD	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED fluorescence microscope	3134000858	16-Jul-12	2.170		USD	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED fluorescence microscope	3134000326	16-Jul-12	2.170		USD	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED fluorescence microscope	3134000796	16-Jul-12	2.170		USD	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED fluorescence microscope	3134000808	16-Jul-12	2.170		USD	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED fluorescence microscope	3134000719	16-Jul-12	2.170		USD	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED fluorescence microscope	3134000868	16-Jul-12	2.170		USD	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Contherm Incubator	12155	24-Jul-12	9.236,36		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Contherm Incubator	12157	20-Jul-12	9.236,36		USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Contherm Incubator	12156	23-Jul-12	9.236,36		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Contherm Incubator	12158	18-Jul-12	9.236,36		USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Gettinge VS60 Autoclave	1222725722	21-Aug-12	25.280		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Gettinge VS60 Autoclave	1222725724	22-Aug-12	25.280		USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Gettinge VS60 Autoclave	1222725721	31-Aug-12	25.280		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
BSC Class 1 NuAire/Model NU-813-400E	151201061112	17-Jul-12	6.646,2		USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	24 months
Double Pan balance scale Ohaus/Model Havard 1550-SD	NA	17-Jul-12	464		USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
BSC Class 1 NuAire/Model NU-813-400E	151198061112	18-Jul-12	6.646,2		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	24 months
Double Pan balance scale Ohaus/Model Havard 1550-SD	NA	18-Jul-12	464		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
BSC Class 1 NuAire/Model NU-813-400E	151199061112	18-Jul-12	6.646,2		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	24 months
Double Pan balance scale Ohaus/Model Havard 1550-SD	NA	18-Jul-12	464		26-Jul-12	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months

BSC Class 1 NuAire/Model NU-813-400E	15120061112	16-Jul-12	6.646,2		USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	24 months
BSC Class 1 NuAire/Model NU-813-400E	15120201112	16-Jul-12	6.646,2		USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	24 months
Double Pan balance scale Ohaus/Model Havard 1550-SD	NA	16-Jul-12	464		USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
BSC Class 2 Esco/Model SC2-4A1	20121-69181	19-Jul-12	5.819		USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Freezer Sanyo/Model MDF U334	12030059	19-Jul-12	3.264		USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Refrigerator Sharp/Model SJF75PS	R111102195	19-Jul-12	1.477		USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Refrigerator Sharp/Model SJF75PS	R111102166	19-Jul-12	1.477		USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Manual Water Distiller Bibby Scientific/Model W4000	E09890	19-Jul-12	818		USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Analytical balance scale Satorius/Model TE 124S	27509219	19-Jul-12	1.255		USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Alarm-type timer Control/Model 5015	122265108	19-Jul-12	50		USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Alarm-type timer Control/Model 5015	122265071	19-Jul-12	50		USD	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Refrigerated centrifuge Hettich/Model ROTINA380R	0001193-01-00	9-Aug-12	9.321		USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Freezer Sanyo/Model MDF U334	12030050	9-Aug-12	3.264		USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Refrigerator Sharp/Model SJF75PS	SL/R111102182	9-Aug-12	1.477		USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Dry Oven Memmert/Model UNE700	7120025	9-Aug-12	4.233		USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Laminar flow clean bench ESCO/Model ACB-4A1	15128201120	9-Aug-12	4.173		USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Alarm-type timer Control/Model 5015	122265573	9-Aug-12	50		USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Alarm-type timer Control/Model 5015	122265076	9-Aug-12	50		USD	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
BSC Class 2 Esco/Model SC2-4A1	20121-69183	27-Jul-12	5.819		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Votex Mixer IKA/Model Votex Genius 3	6007631	27-Jul-12	255		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Votex Mixer IKA/Model Votex Genius 3	6007637	27-Jul-12	255		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Refrigerated centrifuge Hettich/Model ROTINA380R	001190-01-00	27-Jul-12	9.321		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Freezer Sanyo/Model MDF U334	12030054	27-Jul-12	3.264		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Dry Oven Memmert/Model UNE700	C712.0028	27-Jul-12	4.223		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months

Manual Water Distiller Bibby Scientific/Model W4000	E09914	27-Jul-12	818		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Alarm-type timer Control/Model 5015	122226512	27-Jul-12	50		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Alarm-type timer Control/Model 5015	122265069	27-Jul-12	50		USD	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
BSC Class 2 Esco/Model SC2-4A1	20121-69182	24-Jul-12	5.819		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Autoclave Tomy/Model ES-315	E20002217	24-Jul-12	5.764		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Votex Mixer IKA/Model Votex Genius 3	64-00-001279	25-Jul-12	255		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Refrigerated centrifuge Hettich/Model ROTINA380R	0001193-01-02	26-Jul-12	9.321		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Freezer Sanyo/Model MDF U334	12030055	26-Jul-12	3.264		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Refrigerator Sharp/Model SJF75PS	R111102178	26-Jul-12	1.477		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Refrigerator Sharp/Model SJF75PS	R111102195	26-Jul-12	1.477		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Refrigerator Sharp/Model SJF75PS	R111102188	26-Jul-12	1.477		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Dry Oven Memmert/Model UNE700	7120065	26-Jul-12	4.223		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Manual Water Distiller Bibby Scientific/Model W4000	E09895	26-Jul-12	818		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Analytical balance scale Satorius/Model TE 124S	27509220	26-Jul-12	1.255		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Alarm-type timer Control/Model 5015	122265083	26-Jul-12	50		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Alarm-type timer Control/Model 5015	122265097	26-Jul-12	50		USD	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Water filter-softener WATTS/Model NC12-W100F/M3011-W100SM (for Getinge autoclaves)	N/A	28-Sep-12	62.490.000		VND	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Water filter-softener WATTS/Model NC12-W100F/M3011-W100SM (for Getinge autoclaves)	N/A	28-Sep-12	62.490.000		VND	463 Hoang Hoa Tham, Ha Noi	Good		NTP-National Lung Hospital	12 months
Water filter-softener WATTS/Model NC12-W100F/M3011-W100SM (for Getinge autoclaves)	N/A	28-Sep-12	62.490.000		VND	44 Thanh Nhan Str., Ha Noi	Good		Ha Noi Lung Hospital	12 months
Water filter-softener WATTS/Model NC12-W100F/M3011-W100SM (for Getinge autoclaves)	N/A	28-Sep-12	62.490.000		VND	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Water filter-softener WATTS/Model NC12-W100F/M3011-W100SM (for Getinge autoclaves)	N/A	28-Sep-12	62.490.000		VND	Alley 53, Phuc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	12 months
Water filter-softener WATTS/Model NC12-W100F/M3011-W100SM (for Getinge autoclaves)	N/A	28-Sep-12	62.490.000		VND	Quang Thinh, Quang Xuong, Thanh Hoa province	Good		Thanh Hoa Lung Hospital	36 months
Water filter-softener WATTS/Model NC12-W100F/M3011-W100SM (for Getinge autoclaves)	N/A	28-Sep-12	62.490.000		VND	1/5 Bui Huu Nghia, O Mon, Can Tho province	Good		Can Tho Lung Hospital	12 months
Airconditioner Panasonic KC18NKH-8 18.000BTU	181202012170	27-Sep-12	16.766.670		VND	463 Hoang Hoa Tham, Ha Noi	Good		NTP-National Lung Hospital	12 months

