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# PARTNERSHIP FOR ECONOMIC GROWTH

USAID/EAST AFRICA PROGRAM

SEVENTH QUARTERLY REPORT, OCTOBER – DECEMBER 2012

FEBRUARY 17, 2013

This publication was produced for review by the United States Agency for International Development. It was prepared by DAI.

# PARTNERSHIP FOR ECONOMIC GROWTH

**USAID/EAST AFRICA PROGRAM**

**SEVENTH QUARTERLY REPORT, OCTOBER- DECEMBER 2012**

**Program Title:** Partnership for Economic Growth

**Sponsoring USAID Office:** USAID/East Africa/LPC Somalia Program

**Contractor:** DAI

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# PROGRAM SUMMARY

The Partnership for Economic Growth program is designed to help local authorities and private sector groups improve the enabling environment for investment and generate more productive employment. This is the first development initiative targeting economic growth for the USAID/EA/LPC Somalia program, and is partially funded with Department of Defense 1207 funds transfer. The funding was supplemented by a Department of State grant during the second quarter to be used for communications and outreach activities.

The Partnership for Economic Growth (Partnership) activities focus on two areas: private sector development, including women's business development, and strengthening specific productive value chains. As a result of the comprehensive assessments completed in the first quarter, the Partnership designed three sub-activities which address two value chains- agriculture and livestock – and a concentrated set of cross cutting business enabling environment activities. The Energy component of our Business Environment sub-activity became its own sub-activity in the fourth quarter; and this quarter the program launches the Puntland sub-activity. The sub-activities are spread geographically with livestock in the east in the Burao area, agriculture in the western Borama area, a number of discrete Business Environment (BE) and Energy activities centered in Hargeisa, and the Puntland sub-activity based in Garowe.

Based on USAID reviews of the sub-activity designs, by the end of the sixth quarter the Partnership was continuing the full implementation of the Agriculture sub-activity; implementation of the approved Business Environment sub-activity tasks were ongoing; an expanded Energy sub-activity began the procurement process for wind turbine equipment; initial implementation and drafting of sub-contracts within the revised Livestock sub-activity; and the Puntland sub-activity began implementation. In addition, during the sixth quarter the Partnership signed the last Partnership Fund business grant agreement.

## INTRODUCTION

Pursuant to the requirements of the Partnership for Economic Growth program, Contract No. AID-EEM-I-00-07-0009/AID-623-TO-11-00001, the DAI Nathan Group (DNG), a joint venture between DAI and Nathan Associates formed in response to the General Business, Trade, and Investment II (GBTI II) IQC, is pleased to submit the Sixth Quarterly Report covering July 1 – September 30, 2012. DAI is the lead joint venture partner for DNG for this contract and has sole implementation responsibility and oversight of the program. CNFA is the international subcontractor responsible for the Livestock Sub-Activity.

## STAFFING & SUPPORT

The Partnership is led by Program Manager, Mr. Suleiman Mohamed. During the sixth quarter he was supported by the following full time staff and short-term staff consulting support:

### Project Staff:

- Private Sector Specialist / Deputy Program Manager - Zaki Raheem
- Livestock Team Leader – Jurjen Draaijer, replaced by Ismaila Kane in November 2012
- Communications Specialist – Kaltun Hassan
- Operations Manager - Deqa Ismail
- Finance and Administration Manager – Erica Bonanno
- Investment Promotion Specialist – Adam Ismail
- Agribusiness Advisor – Adan Muse
- Livestock Deputy Team Lead - Abdi Osman
- Animal Production Specialist - Abdirizak Warsame
- Puntland Livestock Coordinator - Ahmed Artan
- Senior M&E Officer – Mubarak Abdi
- Grants Officer - Sahra Said Bile
- Accountant - Khadar Abib
- Administrative Assistant - Amal Mohamed
- Admin Assistant (Buraq) – Hodan Warsame
- Admin Assistant (Borama) - Abdishakur Abdillahi
- Admin Assistant (Puntland) – Abdillahi Ali

DAI home office support has been provided by:

- Irene Burns – Enterprise Development Specialist / HO Project Team Lead (PTL)
- Danny Adams – Project Business Manager
- John McGuire - DAI Contracts Specialist
- Savannah Onwochei – Project Coordinator
- Ariwan Susey – HO MIS/TAMIS Specialist

Short Term Technical Assistance (STTA) during the Seventh Quarter is shown in the table below:

<b>Quarter 7 Partnership for Economic Growth STTA Summary</b>		
<b><u>Personnel</u></b>	<b><u>Position</u></b>	<b><u>Period of Performance</u></b>
<b>Irene Burns</b>	<b>Enterprise Development Specialist/ Project Team Lead</b>	<b>September 28, 2012 - October 15, 2012</b>
<b>Max Arte</b>	<b>Energy Specialist</b>	<b>September 29, 2012 - October 31, 2012</b>
<b>Paraylla Blakaj</b>	<b>Global Security Specialist</b>	<b>October 23, 2012 - October 24, 2012</b>
<b>Tyler Chapman</b>	<b>Energy Investment Specialist (remote work)</b>	<b>October 2012 –January 2013</b>
<b>Remy Kormos</b>	<b>International Commercial Lawyer (remote work)</b>	<b>October 6 – October 31, 2012</b>
<b>Nicholas Parkinson</b>	<b>Communications Specialist</b>	<b>October 7, 2012 - October 24, 2012</b>
<b>John McGuire</b>	<b>Contracts, Procurement, and Grants Specialist</b>	<b>October 29, 2012 - November 15, 2012</b>
<b>Danny Adams</b>	<b>Grants and Ops Specialist</b>	<b>November 18, 2012 - December 4, 2012</b>
<b>Irene Burns</b>	<b>Enterprise Development Specialist/ Project Technical Lead</b>	<b>December 16, 2012 - December 30, 2012</b>

## SUMMARY OF PROGRAM HIGHLIGHTS THIS QUARTER

1. The contract for the Livestock End Market study was signed with a local research and consulting firm. The firm drafted an inception report and literature this quarter, and began the first component of its field work in Egypt meeting with major importers of Somaliland livestock.
2. Two NGOs, *KAALO Aid and Development* and *KISIMA Peace and Development*, submitted bids for the three components of the Puntland Livestock activity; and SOWs, Neg Memos, contracts and consent requests were drafted, submitted to USAID and approved this quarter.
3. The Puntland Chamber of Commerce SOW, Neg Memo, and consent request to develop an Investment Guide and Business Directory were drafted and approved this quarter.
4. The Ministry of Commerce and Chamber of Commerce completed the regional Somaliland Business Confidence survey in all of Somaliland's six regions, with support from a local survey firm; and hosted a successful business conference and survey launch in Hargeisa with wide media coverage.
5. Candlelight established fodder demonstration sites in key locations throughout the Togdheer region, and organized training sessions on fodder planting and production practices including harvesting, baling, and storage operations.
6. The wind data monitoring stations (WDMS) arrived this quarter; and a local construction company began the civil works activity to lay the foundation for its installation. Also, a vendor was contracted to provide wind turbines for both Partnership Fund grantee Tayo Energy as well as the Energy Sub-Activity installation at the Hargeisa Airport.
7. For the livestock Partnership Fund grantees, the Al Hussein livestock construction was completed; Horumar procured all of its requested lactating camels; Togdheer Women's Livestock Association (TWLTA) procured its second consignment of goats and sheep; and an RFP for International Livestock Raising Company's request for drip irrigation equipment was drafted.
8. For the other Partnership Fund grantees, vendors were selected for Dheeman equipment; fish equipment RFPs were released for GETCO and Red Sea grantees; a salt business expert was mobilized to support Muliyo Salt Trading Company in finalizing their technical specifications; Shaqodoon began its soft skills job training for youth; Kaaba mobilized 125 new microfinance clients; Transparency Solutions signed MOUs with its major partners and prepared for its local launch; and an RFP was released for Afjireh's cook stove related equipment.
9. The Livestock Value Chain Team Lead Jurjen Draaijer departed the project at the end of November; but overlapped with his replacement, Dr. Ismaila Kane, prior to his departure.
10. VetAid completed its Community-based Animal Health Worker (CBAHW) assessment and prepared for their upcoming trainings; and the VetBoard held a CBAHW curriculum review workshop and the team released a drug awareness campaign SOW.

# PROGRESS THIS QUARTER

## SEVENTH QUARTER, OCTOBER 1 – DECEMBER 31, 2012

In the section below, we present progress for the seventh quarter of the project covering October 1 through December 31, 2012, against each of the relevant tasks. Tasks follow the same organizational format that was used in the first annual work plan. Tasks are broken into six areas: program mobilization, the four technical phases of the program, and monitoring and evaluation. The four program technical phases are:

1. Phase One: Participatory Assessment and Technical Analysis
2. Phase Two: Prioritize, Design, and Develop Sub-Activity SOWs
3. Phase Three: Implementation
4. Phase Four: Localization

Each program area and technical phase relevant to the sixth quarter is presented in detail below.

### MOBILIZATION

***Mob Task 1: Sign and fully execute contract. Completed first quarter***

***Mob Task 2: Hold Inception Meetings with USAID in Nairobi. Completed first quarter***

***Mob Task 3: Register with the Government of Somaliland. Completed first quarter***

***Mob Task 4: Establish banking services in Hargeisa, transfer funds. Completed first quarter***

***Mob Task 5: Establish, secure, and set up office in Hargeisa. Completed second quarter***

***Mob Task 6: Procure IT equipment and vehicles.*** Procurement completed in third quarter; the project's server set up was completed during the fourth quarter.

***Mob Task 7: Recruit Somali LTTA staff*** – All originally identified LTTA staff positions were filled between the first and third quarter. The position of Senior Business Environment Advisor was filled with an STTA in April. The position, renamed Investment Promotion Specialist, has been filled. Other LTTA positions filled this quarter include recruiting a new Livestock Deputy Team Lead, Animal Production Specialist, and Puntland Livestock Coordinator.

***Mob Task 8: Establish communications and IT capability.*** Completed during the fourth quarter

***Mob Task 9: Field program manager and other key personnel.*** All key staff positions have been filled

***Mob Task 10: Field assessment team.*** Completed first quarter

***Mob Task 11: Deliver first annual work plan.*** Completed end of second quarter. Revised plan submitted in third quarter

***Mob Task 12: Deliver strategic communications and community outreach plan.*** Completed second quarter

***Mob Task 13: Host public Launch Event for the Partnership for Economic Growth.*** Completed first quarter

***Mob Task 14: Submit draft Grants Management manual for approval.*** Completed second quarter

## **PHASE ONE: PARTICIPATORY ASSESSMENT AND TECHNICAL ANALYSIS**

All Phase 1 tasks were completed during the first quarter.

*P1, Task 1: Conduct value chain assessment and mapping for livestock and fisheries*

*P1, Task 2: Assess potential of other productive value chains.*

*P1, Task 3: Assess private sector development technical areas.*

*P1, Task 4: Agree on shortlist of sub-activity possibilities with USAID.*

*P1, Task 5: Deliver assessment chapter one: business enabling environment.*

*P1, Task 6: Deliver selected written components for assessment chapter two: enterprise development.*

*P1, Task 7: Conduct business environment survey.*

## **PHASE TWO: PRIORITIZATION, DESIGN, AND DEVELOPMENT OF SUB-ACTIVITY SCOPES OF WORK**

Tasks 1 through 7 were completed during the first quarter

*P2, Task 1: Engage Chamber of Commerce, Ministry of Commerce and/or other key counterparts.*

*P2, Task 2: Convene first stakeholder's conference.*

*P2, Task 3: Deliver any outstanding written components for assessment chapter two.*

*P2, Task 4: Deliver value chain assessments and maps for livestock, fisheries, and energy.*

*P2, Task 5: Deliver assessment chapter four, other potential productive value chains.*

*P2, Task 6: Confirm USAID endorsement of prioritized sub-activities.*

*P2, Task 7: Develop SOWs and budgets for prioritized sub-activities.*

*P2, Task 8: Convene second stakeholder's conference.* Completed second quarter

*P2, Task 9: Develop sub-activity SOWs/action plans into MOU and/or GDA agreements with partners.*

- The Partnership submitted the draft SOW for the Puntland livestock sub-activity in June 2012, and received comments from USAID which were being incorporated into a final SOW by the end of June.

*P2, Task 10: Compile all chapters and deliver final private sector development assessment report.*

Completed in the second quarter

## PHASE THREE: IMPLEMENTATION

Implementation of the Partnership's activities thus far is summarized as follows:

***P3, Task 1: Launch selected sub-activities.*** The scopes of work for all of the sub-activities are now approved by USAID and underway.

***P3, Task 2: Implement selected sub-activities.***

### **Agriculture Sub-Activity**

#### On-going Demo Plot Activities and field days:

The second growing season for the Partnership Agriculture sub-activity continued to show promise. Early visits by Amoud University and SATG teams this quarter to participant farmers from the Season One demo plot revealed that some of them are beginning to adopt some of the methodologies and practices promoted through the demonstrations, namely crop spacing and intercropping. Early in the month, throughout the quarter, Partnership and SATG staff visited demo plots in Baki and Ruqi to oversee the activities and provide guidance regarding plant maintenance and pest management. By the end of this quarter, the demo plots harvested the following varieties all tomato and cabbage varieties, two hot pepper varieties, and two varieties of watermelon. In addition, plans were underway for a second Market Day to be held at Amoud University with local farmers, vendors, Amoud staff, Ministry of Agriculture representatives and the local media.

During the quarter, the Partnership and SATG teams continued the field days to stress the importance and proper techniques for proper transplanting, including plan spacing, proper plot design and irrigation furrows practices; as well as the proper use of fertilizers (compost and animal manure application techniques).

Likewise, after installation of the greenhouse frame at Amoud demo plot late last quarter, the water tank and drip irrigation system for the greenhouse were installed. The windmill from an Ethiopian vendor was delayed due to a variety of export policy delays, however it is expected to arrive and be installed early in the 8<sup>th</sup> Quarter with support from the Partnership's Energy Specialist.

Extension Work: During this quarter, a five-day business training for farmers and vendors was held in their respected sites (Amoud, Baki, Ruqi and Borama); the training was facilitated by business extension staff and their supervisors. The participants included 75 farmers and 25 vendors (25 persons from each location- Borama, Amoud, Baki and Ruqi) that received basic business training focused on agriculture marketing and bookkeeping techniques. Participants expressed their gratitude to USAID and Amoud University for funding and implementing or conducting the training.

In all three demo plots (Amoud, Baki and Ruqi) the extension service activities continued on a weekly basis this month such as weeding, pest and disease control, improving soil fertility and plant growth regulation by using macro-elements (DAP & urea), animal manure and micro-elements (vapcomic). In addition beginning this quarter, the extension agents divided into pairs by their supervisors in order for

each pair to be assigned a small group of farmers to advise / encourage on adopting new farming practices begin piloted at the demo plots.

Training of Trainers: A three-day training for Amoud staff on seed production systems began on December 25, 2012 in Borama. There were 15 participants including Amoud Agriculture faculty members, Extension agents, Supervisors, Agro-dealers, and the Partnership Agribusiness Advisor. The training was conducted by SATG senior agronomist Dr. Hussein Haji and focused on traditional seed saving systems of tomato, onion, hot pepper, cabbage, lettuce and watermelon.

The Agriculture Sub-Activity has learned that quality seeds are a major constraint to poor-resourced small-scale farmers in Somaliland. Hybrids are available in local markets albeit expensive. Also with hybrids they require more inputs such as fertilization, crop husbandry and water to attain their yield potential compared with local varieties. Also F1 hybrids cannot be used for sowing future crops. Therefore, the purpose of the training was for Amoud extension workers and agro-dealers to understand traditional vegetable seed production systems suitable for their local conditions, using open pollinated commercial vegetable varieties.

The practices taught in the training will be used during Season 3 when the Amoud plot and greenhouse become a center for local seed production of the most promising varieties of the tested seeds of the past two seasons. Field guide were developed for the training which will provide a practical reference for traditional seed production system, and addressees seedling production of vegetable crops in nurseries, useful for the extension personnel, farmers, agricultural students, and private and public agricultural advisors during Season 3 of the program's activity.

### **Business Environment Sub-Activity**

#### Investment and Commercial Law:

The International Commercial Lawyer STTA submitted his deliverable to the Partnership program – an international comparative analysis of the draft Amendments to the Somaliland Foreign Investment Law. The analysis found that Somaliland's Investment Law scores quite well (26 out of 36) on the World Bank Group's "Law Assessment Tool." The Tool provides a global comparative basis of countries' entry of foreign investment (sectoral restrictions, limitation on ownership, minimum investment, screening and performance requirements), as well as investor rights, guarantees and obligations (fair and equitable treatment, national treatment, Most Favored Nation treatment, guarantees against expropriation, convertibility, dispute resolution and entry of foreign personnel). The consultant has provided clear recommendations to streamline screening and approval requirements as well as generally finding areas to shorten the law so that it is an enabling piece of legislation that is clear and concise for investors. Next steps, to begin in the 8<sup>th</sup> Quarter, will include incorporating appropriate suggestions, consolidating key areas of the draft law, and preparing a presentation for the Ministry of Commerce to review the updated law.

#### Somaliland Business Confidence Survey:

The current quarter saw significant progress on the Somaliland Business Confidence Survey. Through a local subcontract with the local survey firm Training and Research Group (TRG), the Ministry of

Commerce's Investment Climate Unit (ICU) and the Somaliland Chamber of Commerce successfully completed the data gathering component of the 2012 SBCI survey. To prepare for the data collection, TRG completed training with the Ministry and the Chamber of Commerce staff on survey methodology and interviewing skills. TRG and teams from the Partnership and the Ministry of Commerce reviewed the design of the survey questionnaire to contextualize the domestic investment priorities in the regions. In addition, lists of businesses who were invited to attend the Business Confidence Survey workshops and participate in the surveys were selected randomly from the Ministry and the Chamber of Commerce's company registration lists (license registration) to ensure sound statistical research methodology. The selection was based on the five major sectors that the Ministry and the Chamber of Commerce categorize business sectors in Somaliland (i.e. Services, General Trade, Livestock, Agriculture and Industry).

Attendance at the workshops in October exceeded expectations for all cities – with over 40 participants in Burao, over 30 in Borama and over 50 in Hargeisa. Workshops were also held in Berbera, Las Anod and Erigavo. Key government officials presided over some of the workshops – with the Governor of Burao opening one session and the DG of Commerce opening another. The enumerators supported the participants if there were questions and filled out the surveys for them if participants were illiterate. Each workshop took place from 8am to 12pm; and in the afternoons the enumerators conducted interviews with the randomly selected businesses at their premise in town if they had not attended the workshop. Several of the workshops were aired on local TV stations – including Bulsho TV and Somaliland National TV. In November, TRG will support the ICU and Chamber staff with data cleaning, data entry and data analysis.

In November 2012, TRG managed the process to enter the data collected through the workshops and surveys and began to develop a written analysis of the findings. TRG, with Partnership oversight, conducted a training on November 4 for six staff from the Chamber of Commerce and the Ministry of Commerce to carry out the data entry aspect of the study. Following the successful training and data entry process, TRG's senior statistician reviewed the data and provided a written analysis of the findings for the regional 2012 SBCI report.

TRG submitted the final draft of the 2012 Somaliland Business Confidence Survey (SBCI) report in mid-December. Then on December 18, the team successfully coordinated and organized the first Somaliland Annual Business Conference with the Ministry of Commerce and the Chamber of Commerce where the survey was launched. The findings of the survey highlighted areas including the ease of starting up a business, access to local skilled labor, security and the quality of infrastructure. In addition the survey findings identified legal and policy issues that businesses have prioritized as areas that needed government support and regulatory development. The event and the press release have received coverage in various media. Print Media – Ogaal , Dawan, Geeska Afrika Newspapers. Radio Hargeisa and VOA Somali Service and websites RAMAS News, Somaliland.org, Burao online, and The Somaliland Sun.

#### Capacity Development for the Investment Climate Unit (ICU):

During conversations with the ICU last quarter, and reviewing previous support the ICU, the following were formally submitted as a request for support:

- a) Refurbishment of two rooms to be used by the ICU;
- b) Laptops/furniture for ICU office;
- c) A company license and registration software program.

During the quarter, the Partnership team moved ahead with discussions and further analysis on the needs of the ICU. The Partnership's Senior M&E Officer Mubarak Abdi conducted an Organizational Capacity Assessment Tool (OCAT); the findings aligned with the request from the ICU and will be used to inform procurements for this activity. The Partnership submitted to and received from USAID approval for this capacity building support and the initial drafting of RFPs began in November.

The Partnership hired an intermittent site engineer to develop plans for the office refurbishment and developed a Bill of Quantities (Bo) for the project. The Partnership's Procurement Officer Hirsi Farah led the procurement process for the required supplies and other office equipment, drafting RFPs in December. Early next quarter, the Partnership team will review the bids for these procurements.

In terms of the company registration software, the Ministry agreed with Partnership staff that the Ministry would roll out the customized pilot version of the business registration software to database operators and functional users for a period of 4 weeks, and submit an assessment report on how well the application meets user needs.

#### Puntland Chamber of Commerce Activity

The Puntland Chamber of Commerce SOW, Neg Memo, and consent request to develop an Investment Guide and Business Directory were drafted and approved this quarter. In December, the Chamber submitted its first deliverable including CVs of all proposed local lead consultants and research assistants, and template designs for the Investment Guide and Business Directory.

#### **Energy Sub-Activity**

##### Energy Act and Regulatory Framework:

The Partnership continued to review and finalize the draft Energy Act this quarter. There were ongoing discussions with the Partnership's legal team, the Ministry of Mining, Energy and Water Resources and USAID about major components of the Law in regards to how the Independent Energy Commission staff will be appointed. The final draft of the Energy Law was sent by USAID to the Minister of Mining, Energy and Water Resources, Hon Hussein Abdi Duale by USAID along with letter explaining the process and next steps.

##### Wind Energy Power Generation Infrastructure:

Major headway occurred during this quarter on the Wind Energy Power Generation Infrastructure work. First, vendors were identified and contracts were signed with providers for the wind data monitoring systems (WDMS), the wind turbines, and the civil work construction work. Campbell Scientific of the USA was hired to provide the WDMS, Adsite of Kenya will provide the wind turbines, and local construction firm Golis was selected to do the civil works preparation.

In October 2012, a training for the engineers of the Electricity Inspectorate Unit (EIU) and a variety of Independent Power Providers (IPPs) on the process and procedures as well as the technical aspects of wind power assessment and engineering calculations for analyzing, optimizing wind in power production planning and infrastructure installation steps was held. About 15 private sector engineers and Ministry of Energy technical staff participated – including technicians from two of the Partnership Fund grantees working in the wind sector, Tayo Energy and Transparency Solutions.

November was another busy month for the Wind Energy Power Generation Infrastructure portion of the Partnership Program. The team received approval from the International Civil Aviation Organization (ICAO) regarding the installation of wind data monitoring stations (WMDS) and wind turbine installation at the site at the Egal International Airport in Hargeisa. Ongoing construction at the Berbera airport led to complications with the first site for WMDS, but a second site has been surveyed and approved. The Partnership team is also working with four demining groups in Somaliland to review the locations of the WMDS and wind turbines to certify that the areas are clear of potential landmines. After signing a contract with US-based Campbell Scientific for the wind data monitoring stations, the equipment arrived in Somaliland in early December and cleared through customs duty-free. The Partnership Team also finalized the selection of Golis, a local construction contractor, to carry out the civil and structural works for the four wind data monitoring stations which will be located in Hargeisa, Borama, Berbera and Burao. A practical training program for engineers and technicians from both government and private sector will go hand-in-hand with the installation process. The Partnership's Energy Specialist Arte Max will lead the technical, engineering tasks, training and supervision of the installations of the masts. The training and supervision will also involve the instrumentation mounting, wiring, programming, calibrations and testing after installations are complete.

In December, the Partnership received the official clearance of land mines for the Wind Data Monitoring stations and wind turbines sites at Egal International Airport are ongoing. Halo Trust and other demining organizations had been contacted. Data was obtained that suggests the site is clear of old mines. The team is expecting a formal letter from the Somali Mine Action Centre (SMAC) for site safety certification.

The Partnerships Energy Specialist Arte Max is scheduled to return to Somaliland in late January when he will oversee the finalization of the civil works as well as the installation of the WMDS and the turbines. Arte will also oversee the necessary training aspects at that time.

### **Livestock Sub-Activity**

Livestock Team Staffing: During this quarter, key Personnel Livestock Value Chain Team Lead Jurjen Draaijer departed the Partnership team and he was replaced by Dr. Ismailia Kane, a Senegalese animal health and disease expert with more than 15 years of experience including more than two years recently working in Somaliland.

### Livestock Subcontracts:

After completing an assessment report on fodder production systems last quarter, **Candlelight** continued with the implementation of the fodder demonstration farm. The first three demonstration farms have been identified and are set up, which include the University of Burao, and two farms in Beer Village and Beerato. Candlelight submitted its action plan for the various activities within the demonstrations farms, such as seed collection, seed-bed preparation, nursery establishment, distribution of tools, and management. Candlelight is currently engaged in assessing the inventory of local grass seeds that can be sourced from different farming communities in the region. Seeds collected in this manner will be redistributed to the farmers in the demo plots. Demonstration farms are scheduled to be established at Sheikh Veterinary School, Wadamako and Haahi as part of the second batch of three farms, for a total of six demonstration farms under the Partnership livestock program. During the quarter, approval was requested and received from USAID for the procurement of fodder seeds under the Candlelight contract.

Candlelight also began conducting trainings on fodder practices at demonstration sites. The training covered topics including fodder planting and production practices including harvesting, baling, and storage operations.

VetAid completed the Community-based Animal Health Worker (CAHW) assessment in the three regions of implementation, Togdheer, Sool and Sanaag this quarter. The report, which comprised the contractor's second deliverable, included: the current status of knowledge of animal health in the targeted areas; current use of livestock drug use and drug administration; assessment of main prevalent diseases; identification of main villages to be included in the training; inventory and needs assessment of existing CBAHWs; inventory of existing veterinary drug outlets; and the establishment of selection criteria for the target villages and selection of villages in the three regions. Beginning in January 2013, the VetAid CBAHW trainings will run for the next two and half months: Togdheer (starts Jan 23); Sanaag (Feb 23); Sool (March 23).

After signing of the sub-contract with the **Veterinary Board of Somaliland** last quarter, the Board has submitted a second version of the its inception report on developing a standard CAHW curriculum and Improvements towards Drug Quality and Use assessment. Activities under this sub-contract include the drafting of the CAHW curriculum, the drafting of the Minimum Standards and Guidelines for CAHWs, and providing technical assistance to the public awareness campaign on veterinary drug quality, and the proper use and disposal of veterinary drugs. The Partnership team accepted the report and the Veterinary Board began to plan the workshops for the CAHWs. In December, the Veterinary Board conducted a two-day workshop with CBAHWs to solicit their views on the strengths and weaknesses of the current curriculum on which they were training. The training took place in Odweine and was led by the Chairman of the Veterinary Board, Dr. Ahmed Haybe with three other veterinarians. Following the conclusion of the workshops, the Veterinary Board submitted a report appraising the existing CBAHWs curricula – the second deliverable under the contract.

Partnership Fund – Livestock Grantees: The livestock technical team continues to play an active role in the Partnership Fund; all grants for the four livestock partners have been signed. The livestock team is providing assistance to the implementation of the deliverables under their contract, by establishing linkages between the grantees and sub-contractors in terms of animal feed and health activities.

- **Horumar Camel Dairy Farm:** Early in the quarter, Horumar started carrying out its operational activities related to fodder production such as seed bed preparations and planting of fodder crops. The approvals for the fodder seed procurement have been submitted to and approved by USAID. Horumar Dairy received their first procurement of eight lactating camels along with calves as part of their Partnership Fund grant. The Partnership livestock team and the Regional Veterinary Officer (RVO) completed the verification and the certification of the camels before they were purchased to ensure that the animals were in good health and had good milk yields. Horumar is receiving 5 more lactating camels under this grant. In addition, the Partnership team is also currently reviewing the proposals submitted by several bidders for milk analyzers and solar panels for Horumar Dairy Farm; a final decision is expected in early January.
- **International Livestock:** The RFP for drip-irrigation equipment for International Livestock Raising Centre (ILRC) was drafted and advertised this quarter. Proposals were submitted towards the end of December and will be reviewed in January.

- Al Hussein:** During this quarter, the Partnership staff worked with a site engineer to develop a Bill of Quantities (BOQ) for the Al Hussein site construction to include a feed shed and an animal shelter. Following the finalization of the BOQ, an RFP was posted and the team reviewed submissions and contracted a local company in November. The Partnership's site engineer and the Animal Production Specialist took part in several supervisory and monitoring visits to Al Hussein farm in Beer village in December. The second site supervision was conducted at the Al Hussein Farm and the site engineer confirmed the installation of the third quarter of metal banners with mesh wire. A detailed site supervision report was submitted by the site engineer. The construction component of the Al Hussein Farm grant (livestock yard fence, grass storage, shaded yard for sheep, quarantine excavation, and troughs and water tank), is expected to be complete in early January. Upon completion of this activity, Al Hussein will plan for its first major purchase of sheep and goats, as part of its livestock fattening operations.
- Togdheer Women's Livestock Traders Association (TWLTA):** In October, Togdheer Women Livestock Traders Association (TWLTA) recruited two staff members and conducted a 5 day financial management training for 12 staff members and board of directors. As a result of the training the TWLTA submitted a financial report that the Partnership will use as a baseline for all future financial reports. These activities make up TWLTA's first milestone, and payment of their first Fixed-Obligation Grant (FOG) deliverable was made. Following approval of this deliverable, TWLTA dispatched their female traders into rural Somaliland and Somalia to identify and procure livestock from nomadic herders. Purchases were made that the animals were brought to the Burao livestock market for consolidation. The company delivered its first batch of sheep and goats to the Burao livestock market under the Partnership Fund grant in December. The animals were verified and certified by the Partnership livestock team and the Regional Veterinary Officer. The health verification is also part of the Partnership's environmental mitigation plan to avoid transfer of animal diseases. A total of 106 heads - 33 castrated male sheep and 73 castrated male goats between the ages of 2.5-3 years old were transported and sold by TWLTA in the Burao market at \$85 per head. This is the highest selling price for sheep and goats since the Hajj season. This is the second livestock consignment by TWLTA, resulting in 256 heads of sheep and goats sold.

Livestock End Market Analysis Sub-Contract:

During the start of the quarter, the Partnership has signed an agreement with AIMS, a local consultancy company, to carry out the livestock end market analysis, and activities have started in the meantime with ongoing meetings between AIMS and the Partnership. The objective of the analysis is to investigate the demand for livestock and livestock products in key end markets in order to determine the potential for competitiveness and upgrading. The work will contribute to the Partnership program's overall understanding of the end market place for livestock and livestock products and offer a strategy for improving the competitiveness of the livestock sector in Somaliland and adjacent Somali areas. The study will also provide useful information for local authorities, USAID and other donors as well as other stakeholders interested in the development of the livestock trade sector. The analysis will include a study of both existing and potential new end markets, focusing specifically on:

- End-market demand trends and future projections

- Consumer/importer preferences and purchasing criteria
- Distribution channels and key players
- Price segments and value addition opportunities
- Import requirements and regulations
- Analysis of supply of export-grade livestock and sustainability of supply
- Key challenges and prospects for Somali livestock exports

The results from the End Market Analysis will be integrated into an updated Livestock Value Chain Analysis, to complement the existing domestic livestock chain analyses. In addition, the results will be incorporated into the livestock chapter and web portal of the 2013 Somaliland Investment Guide, being developed jointly by the Somaliland Ministry of Commerce and Chamber of Commerce with technical assistance from the Partnership program.

In mid-November, the Partnership received and accepted the initial inception report from AIMS which included the methodology, detailed research questions, and an outline of the final report. During mid-December, AIMS made a presentation to the Partnership team on preliminary findings regarding their field work and literature review to the Partnership team. A comprehensive literature review report on Phase 1 of the Livestock End Market Study focusing on the 6Cs methodology (Context, Channels, Consumers, Competition, Choices and Communication) was submitted to the Partnership Livestock Team. AIMS has also conducted field visits to some end markets countries (Egypt) and have embarked on the primary research component of the study. Towards the end of December, the Partnership team was in the process of finalizing and approving the payment of AIMS second deliverable.

### **Puntland Sub-Activity**

Based on discussions with USAID, a Scope of Work was submitted and approved for Puntland activities in the previous quarter. Two NGOs, *KAALO Aid and Development* and *KISIMA Peace and Development*, submitted bids for the three components of the Puntland Livestock activity; and SOWs, Neg Memos, contracts and consent requests were drafted, submitted to USAID and approved this quarter.

In November and December, KAALO successfully recruited a coordinator, two field officers, and a consultant for the Puntland Livestock sub-activity Results 1 and 2. In mid-December, the KAALO team began a 10-day project baseline survey in three regions of Puntland - Mudug, Nugal, and Badhan. As part of the project inception obligations, KAALO organized a team comprising the project recruited staff – a coordinator and two field officers, in addition to a short term consultant to undertake the baseline survey.

The KISIMA contract was approved in late December, and plans for implementation will begin early next quarter for the third component of the Puntland SOW - the development of a veterinary vaccines supply chain and institutional capacity of the MoLAH to support livestock private sector businesses and service delivery. Their first deliverable will include a detailed work plan; procurement plan, including specifications for vet lab equipment, BOQ for vaccine room construction including solar power system, and advertisement plan; list of locations for implementation of activities; TORs for Vet Lab Q/A Expert, Lab Technician Trainer, and Vaccine Supply/Cold Chain Expert; and list of potential suppliers.

*P3, Task 3: Solicit and review relevant grant applications.*

**Partnership Fund Activity**

Grantees: The Partnership Fund team is proud to announce that all 13 grantees signed grant agreements before the end of last quarter. The team has been engaged in major procurement, technical assistance, and business development support through a coordinated effort between technical teams, home office, procurement, finance, contracts, communications, and grants units to ensure the ramp up can be properly managed over the coming months.

Highlights from the livestock Partnership Fund grantees are described above, and updates from the other grantees include:

- Fish equipment RFPs were released for GETCO and Red Sea grantees;
- A salt business expert was mobilized to support Muliyo Salt Trading Company in finalizing their technical specifications;
- Shaqodoon began its soft skills job training for youth training for 400 youth by the end of the quarter;
- Kaaba mobilized 125 new microfinance clients; Transparency Solutions signed MOUs with its major partners and prepared for its local launch; and an RFP was released for Afjireh’s cook stove related equipment.

Below is a table summarizing the status of all thirteen Partnership grantees:

<u>Grantee Name</u>	<u>Sector</u>	<u>Region</u>	<u>Partnership Contribution</u>	<u>New Employment</u>	<u>Better Employment</u>	<u>Main Support Aspects</u>	<u>Implementation Status</u>
<b>Afjireh</b>	Energy	Maroodijeex	\$50,000	8	35	~ support for purchase of propane cooking stoves and tanks	Afjireh: all bids received December 31, evaluation committee to assess bid responses will be in early January
<b>Al Hussein</b>	Livestock	Togdheer	\$45,000	25	-	~support initial livestock purchases ~ upgrade farm livestock holding areas and fodder storage facilities	The construction for farm fixture of Al Hussein has been completed with final inspection and report to be submitted early January.
<b>Dheeman Business Enterprises</b>	Clothing	Maroodijeex	\$30,000	25	-	~locally procured sewing machines ~clothing material for initial products ~technical assistance in tailoring from Ethiopian expert ~business management and administration support from Partnership staff	Procurement process is completed; Contract will be signed early January.  This procurement will consist of: - sewing machines and equipment (Needle lock stick sewing machine, industrial 5 thread over lock sewing machine, zigzag sewing machine, embroidery sewing machine, button-attaching sewing machine, and cutting machine; as well as African fabrics for men and women's clothing, sewing Supplies and technical assistance to install the sewing machines.
<b>GETCO</b>	Fisheries	Sahil	\$100,000	15	550	~ fish processing machinery	GETCO warehouse construction for processing plant is finished by GETCO's contribution.  Bid responses for equipment have been evaluated in late December with the vendor to be selected in early January.

<b>Horumar Camel Dairy Milk Farm</b>	Dairy	Togdheer	\$99,700	15	-	~support to purchase of frights and helping farm improvement ~ increase camel herd to expand production	Vendors selected for equipment required (Milk analyzers, Solar panel and fridges); contract will be prepared.  Horumar Camel Dairy Farm purchased the first tranche of 13 lactating she-camels.
<b>International Livestock Raising Company</b>	Livestock	Togdheer	\$99,858	31	20	~supplies to install drip irrigation system ~new fodder seeds varieties ~hay conditioner, and other farm equipment for fodder production ~technical assistance from identified Kenyan and Ethiopian experts	The RFP for drip-irrigation equipment for International Livestock Raising Centre (ILRC) is currently being finalized and will be advertised by 5 <sup>th</sup> January 2013
<b>KAABA MFI</b>	Finance	Multiple regions	\$50,000	10	288	~support establishment of offices in two locations ~establish loan funds for each office ~technical support in microfinance organization sustainability and products	Kaaba submitted the first liquidation report and it has been checked and shared comments. Kaaba finished the training program for loan beneficiaries for different locations in Arabsiyo, Agabar, Gabilay, Borama and Wajale. Partnership team did site for Arabsiyo and Gabilay locations. .
<b>Muliyo Salt Trading Company</b>	Salt	Awdal	\$80,000	25	-	~salt processing equipment ~potential technical assistance in salt production and processing experts	Salt consultancy for Muliyo project is identified. The consultant will travel to Tokhoshi January 11 to carry out the project assignment..
<b>Red Sea Fishing and shrimp</b>	Fisheries	Maroodijeex	\$69,380	30	-	~walk-in freezer, smaller cold storage transport equipment, and small-scale cold storage for retail and storage facility in Hargeisa ~ support for additional boat and nets to increase catch capacity	Bid responses for equipment have been evaluated last week with the vendor to be selected in early January.
<b>Shaqodoon</b>	Job info search	Maroodijeex	\$37,977	30	-	~expansion of business outreach plans ~training costs for youth ~Launch of first major Business Fair	The training for youth in Shaqodoon program is ongoing; so far 100 youth has been tried. The training program will end in January 19 2012

<b>Tayo Energy Enterprises Company</b>	Energy	Sool	\$100,000	16	-	~ 3 wind turbines ~technical assistance for installation, training, and capacity building	A successful bidder was identified for the supply of wind turbines for Tayo Energy's pilot wind project in Las Anod. Update: Contract has been awarded to Kenya company called ADSITE.
<b>Togdheer Women Livestock Traders Association</b>	Livestock	Togdheer	\$49,970	18	125	~ support to expand livestock purchases ~financial and organizational capacity building	Togdheer Women Livestock Traders Association purchased and in the first two consignments of 256 goats and sheep.
<b>Transparent Solutions (TS)</b>	Finance	Multiple regions	\$100,000	10	-	~support for diaspora outreach activities ~support for initial organization operations for year 1 ~marketing and other support to diaspora in Kenya, Gulf, UK and US	Milestone 3 is under implementation including design of marketing campaign and finalizing website for wind investment fund.

***P3, Task 4: Award and manage grants and/or subcontracts (including GDA/PPP financing).***  
Subcontracts were signed with KAALO, KISIMA and the Puntland Chamber of Commerce this quarter.

# MONITORING AND EVALUATION

## 1. Executive Summary

Since the 4th quarter coincides with the FY report, the Executive Summary of the report will have a summary of the FY 2012 accomplishments and the analysis of the program achievement as a whole over the FY of 2012.

Partnership IR 1 has three outcome level indicators. Indicator 1.2 Number of days of technical assistance trade and investment environment provided to counterparts or stakeholders has a zero baseline and 180 technical days provided as a target for the FY 2013. Partnership's performance is and provided 49 days of technical assistance to counterparts or stakeholder in this quarter only. This represents 27% of the total target set to be met.

Indicator 1.3 Average Score on Legislative Framework Milestone Index has a zero baseline and 100 as the target of the FY 2012. This indicator quarter performance is 65% and there is 10% increase in this quarter only from the last Fiscal year performance and target which was 55%.

On indicator 2.1, most of this season was not harvesting season as it is a dry season. Therefore, no data for indicator 2.1 for this quarter though partnership Program met 95% of the target in the first season of the demo plot and the demo plots' yield production increased 19% from the baseline. Indicator 2.2 has no data for this quarter as well since the farmers were fully engaged in learning new farming techniques and practices which they will begin practicing these skills next season.

To the activity level indicators, Partnership performed well most of the activity level indicators.

Indicator 3.1.1: *Number of training events*, FY2013 target is 78 and 59 of these training were held in this quarter. This represents that 75% of the total target. 27 of these 59 trainings were short term agricultural trainings while the remaining 32 trainings were not agricultural.

Indicator 3.1.2: *Number of individuals who have received USG supported short-term agricultural sector productivity or food security training*, 622 trainees with 454 males and 168 females received trainings on a short term agricultural sector.

Indicator 3.1.3 *Number of participants who have completed the training supported by the USG*. As the result of this indicator's quarter performance, Partnership program offered trainings for 663 trainees with 267 males and 396 females and they completed these trainings. 444 trainees of the 663 were youth.

Indicator 3.1.4. *Person hours of training completed in private sector productive capacity supported by USG assistance* target for FY2013 is 69818 and the program conducted 2,245 in this quarter. 1039 and 1,206 were male and female person hours respectively while 1361 person hours were for youth.

**Figure 1: Partnership’s Results Framework**



\* = Stabilization Indicator

## 2. Program Objectives

Partnership for Economic Growth (Partnership) is a USAID-funded program which seeks to help local authorities and private sector groups improve the enabling environment for investment, generate more productive employment and improve other livelihood activities.

### 2.1. Partnership’s FY 2013 1<sup>st</sup> Quarter Achievements:

#### 2.1.1. Intermediate Result 1: Summary of Achievements at IR 1 Level:

Partnership’s Intermediate result 1: Private Sector Entities Strengthened has three outcome indicators. Indicator 1.1 *Average percent change in score on key areas of organization capacity amongst USG direct and indirect local implementing partners has no target set in FY2012*. The baseline is 15% and the target is 14% increase from the baseline in FY2013. Therefore, the progress in capacity on key areas of the organization will be assessed against the target at the end of the program.

Indicator 1.2 *Number of days of technical assistance trade and investment environment provided to counterparts or stakeholders* has a zero baseline and 180 technical days provided as a target for the FY 2013. Partnership’s performance is and provided 49 days of technical assistance to counterparts or stakeholder in this quarter only. This represents 27% of the total target set to be met.

Indicator 1.3 *Average Score on Legislative Framework Milestone Index* has a zero baseline and 100 as the target of the FY 2012. This indicator quarter performance is 65% and there is 10% increase in this quarter only from the last Fiscal year performance and target which was 55%.

#### Indicator 1.2: Summary of Indicator Achievements

As the table 1 depicts, indicator 1.2: *Number of days of technical assistance trade and investment environment provided to counterpart or stakeholder*, has a zero baseline and has 180 days of technical assistance provided, as the target of FY 2012. Partnership Program provided 49 of technical assistance to a counterpart or stakeholder. This represents 27% of the total target set to be met.

**Table 1:** Number of days of technical assistance provided to counterpart or stakeholder

Indicator	Baseline	FY2013: Target	Actual Results				Achievement
			Q1	Q2	Q3	Q4	Total
<b>1.2:</b> Number of days of technical assistance trade and investment environment provided to counterpart or stakeholder.	0	180	49				

### Indicator 1.3: Summary of Indicator Achievements

Indicator 1.3 *Average Score on Legislative Framework Milestone Index* has a zero baseline and 100 as the target of the FY 2012. This indicator quarter performance is 65% and there is 10% increase in this quarter only from the last Fiscal year performance and target which was 55%.

**Table 2:** Summarizes the targets and actual results for legislative framework milestone index.

Indicator	Baseline	FY2013: Target	Actual Results				Achievement
			Q1	Q2	Q3	Q4	Total
<b>1.3:</b> Score on Legislative Framework Milestone Index.	0	100	65				

### 3. Intermediate Result 2: Summary of Achievements at IR 2 Level

On indicator 2.1, most of this season was not harvesting season as it is a dry season. Therefore, no data for indicator 2.1 for this quarter though partnership Program met 95% of the target in the first season of the demo plot and the demo plots' yield production increased 19% from the baseline. Indicator 2.2. has no data for this quarter as well since the farmers were fully engaged in learning new farming techniques and practices which they will begin practicing these skills next season.

### 4. Summary of Achievements at Common or Activity Level Indicators:

As the Table 3 below depicts, Partnership performed well most of the activity level indicators.

Indicator 3.1.1: *Number of training events*, FY2013 target is 78 and 59 of these training were held in this quarter. This represents that 75% of the total target. 27 of these 59 trainings were short term agricultural trainings while the remaining 32 trainings were not agricultural.

Indicator 3.1.2: *Number of individuals who have received USG supported short-term agricultural sector productivity or food security training*, 622 trainees with 454 males and 168 females received trainings on a short term agricultural sector.

Indicator 3.1.3 *Number of participants who have completed the training supported by the USG*. As the result of this indicator's quarter performance, Partnership program offered trainings for 663 trainees with 267 males and 396 females and they completed these trainings. 444 trainees of the 663 were youth.

Indicator 3.1.4. *Person hours of training completed in private sector productive capacity supported by USG assistance* target for FY2013 is 69818 and the program conducted 2,245 in this quarter.

**Table 3: Summary of Activity Level Indicators (FY 2013, 1<sup>st</sup> Quarter)**

Indicators	Baseline	FY2013: Target	Actual Results				Achievement
			Q1	Q2	Q3	Q4	Total
3.1.1 Number of training events	0	78	59				
3.1.2 Number of individuals who have received USG supported short-term agricultural sector productivity or food security training.	0	198 M:169 F:29	548 M:464 F:84				
3.1.3 Number of participants who have completed the training supported by the USG.	0	84 M:72 F:12	663 M:267 F:396				
3.1.4. Person hours of training completed in private sector productive capacity supported by USG assistance.	0	69818 M:59295 F:10523	2,245 M:1039 F:1206				
3.2. Number of persons receiving new or better employment (including better self-employment) as a result of participation in USG-funded workforce development project	0	21	N/A				
3.3. Number of food security private enterprises, producers organizations, water users associations, women's groups, trade and business associations, and community-based organizations (CBOs) receiving USG	0	16	N/A				
3.4. Number of partnership supported events.	0	39	8				
3.5. Number of technologies or management practices in one of the phases of development	0	17	N/A				
3.6. Number of investment deals initiated or completed by project end, through the contribution of USG assistance.	0	1	N/A				
3.7. Number of policy reforms/regulations/administrative procedures drafted and presented for public /stakeholder consultation to enhance sector	0	0	N/A				

governance and/or facilitate private sector participation and competitive markets as a result of USG assistance (FAF).							
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Partnership Program indicator *3.4 Number of Partnership-supported events*, target for FY2013 is 39 events and 8 of them were held in this quarter which demonstrates 20% of the total target.

**6. Challenges and Recommendations**

**6.1. Challenges and Lessons Learnt**

Partnership for Economic Growth indicators are not organized on a quarterly based actual results reporting but this is the first quarter which the actual results of indicators reported. That is the reason that some of the indicators’ actual results were not reported.

**6.2. Recommendations**

Quarterly based actual results report format for indicators’ performance initiated.

# FORTHCOMING QUARTER PRIORITIZATION, DESIGN, AND DEVELOPMENT OF SUB-ACTIVITY SOWS

## IMPLEMENTATION

*Launch selected sub-activities.* There are no plans to development any other sub-activity SOWs next quarter.

*Implement selected sub-activities.*

Planned eighth quarter implementation activities for the sub-activities are outlined below.

### Livestock Sub-Activity:

- Begin CAHWs trainings under the VetAid subcontract;
- Launch the livestock end market study results under the AIMS subcontract;
- Launch the livestock drug awareness campaign under the VetBoard subcontract;
- Continue fodder demo plot training and trials under the Candlelight subcontract.

### Puntland Sub-Activity

- Launch CAHWs under the KAALO contract;
- Support KISIMA with its first deliverables, including specifications for vet lab equipment, BOQ for vaccine room construction, and hiring a Vet Lab Q/A Expert, Lab Technician Trainer, and Vaccine Supply/Cold Chain Expert.

### Agriculture Sub-Activity:

- Analyze Season 2 yield results with SATG and Amoud;
- Plan and engage in the Season 3 planting with contact farmers;
- Launch a second round of the business / financial literacy training activity

### Energy Sub-Activity:

- Install wind data monitoring stations;
- Host ground breaking ceremony at Hargeisa airport;
- Lay foundations for wind farm installation at airport and Las Anod;
- Ensure draft Energy Law is submitted to Council of Ministers.

### Business Environment Sub-Activity:

- Draft Agriculture Investment chapter of Somaliland Investment Guide;
- Contract local contractor for Ministry of Commerce refurbishment;
- Draft legal/regulatory chapter of Somaliland Investment Guide;
- Conduct “Challenges to New Investments and Local Industry” survey;
- Incorporate international commercial lawyers suggested edits into draft law;
- Support Puntland Ministry of Commerce with launching Investment Guide and Business Directory.
- Design Somaliland Investment Guide website;
- Bring on international photographer to support with quality photos for investment guide.

### Partnership Fund Grants Activity:

- Contract successful bidder for Dheeman sewing machines;
- GETCO and Red Sea fishing equipment;
- Support Transparency Solutions with Somali Star Investments launch event;
- Monitor Al Hussein during first procurement of livestock for new on-site holding facility;
- Contract successful bidders for Horumar solar panels and milk analyzers;
- Contract successful bidder for International Livestock Raising Company's drip irrigation equipment;
- Draft RFP, advertise and award successful contract for salt processing plants for Muliyo company;
- Support Shaqodoon with initial plans for Somaliland's first Job Fair
- Provide oversight during Kaaba's loan disbursement to its 125 new microfinance clients;
- Award successful bidder for Afjireh's cook stove related equipment.

## **MONITORING AND EVALUATION**

*Conduct baseline survey through locally competed subcontract.* Completed fourth quarter

*M&E, Task 4: Develop and submit monitoring and evaluation plan, including targets and indicators.* Revised PMP submitted and approved early in the fifth quarter.

*Submit quarterly expenditures accruals report.* A quarterly expenditure accruals report is submitted electronically 15 days prior to the end of each calendar quarter. It reported actual expenditures for the first month of each quarter, along with projected expenditure accruals for the second and third month of the quarter. The quarterly financial report – showing actual invoiced expenditures for October - December 2012, is shown on a subsequent page below.

# ANNEX I: QUARTERLY AND ANNUAL ENVIRONMENTAL MITIGATION AND MONITORING REPORT (EMMR)

## Quarterly and Annual Environmental Mitigation and Monitoring Report (EMMR)

### EMMR Part 1 of 3: Environmental Verification Form

Name of Prime Implementing Organization: **DAI**

Funding Period for this award: FY 2011- FY 2013

Geographic location of USAID-funded activities  
(Province, District): **Somaliland, Puntland**

Current FY Resource Levels: FY \_\_\_\_\_

Name of Sub-awardee Organization (if this EMMR is for a sub): **N/A**

This report prepared by:

Name: **Mubarak Abdi** Date: **January 31<sup>st</sup>, 2013**

Date of Screening: **February 5, 2013**

Date of Previous EMMR for this organization:

**August 12, 2012**

**Indicate which activities your organization is implementing under IIP and EG funding.**

Key Elements of Program/Activities Implemented		Yes	No
1	<ul style="list-style-type: none"> <li>• Education, Technical Assistance, or Training</li> <li>• Analysis, Studies, Academic or Research Workshops and Meetings</li> <li>• Document and Information Transfers</li> <li>• Programs involving health care, or family planning services except where directly affecting the environment</li> <li>• Studies, projects or programs intended to develop the capability of recipient countries and organizations to engage in development planning</li> </ul>	✓	
2	Procurement, Storage, Management and Disposal of Public Health Commodities		✓
3	Generation, storage, handling and disposal of hazardous and highly hazardous medical waste		✓
4	Small-Scale construction or rehabilitation of hospitals, clinics, laboratories, VCT or training centers <i>(and other miscellaneous small-scale construction)</i>	✓	
5	Small-Scale Water and Sanitation		✓
6	Small-Scale agricultural activities, including but not limited to small crop production, drip irrigation, aquaculture, horticulture, poultry and small livestock, and dairy production  <i>Includes Livestock Activities.</i>	✓	

7	Use of pesticides <i>other than on demonstration plots less than 4 ha.</i>		✓
8	Other activities that are not covered by the above categories. <i>Includes Partnership Grant Activities.</i>	✓	



**EMMR Part 2 of 3: Mitigation Plan**

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
<b>1. Education, technical assistance, training, etc.</b>	No environmental impacts anticipated as a result of these activities. However, Guidelines shown in Section 4, Table 3 of the IEE are observed.	Education, technical assistance and training about activities that inherently affect the environment include discussions of prevention and mitigation of potential negative environmental effects. (Kaaba Micro Credit grant)	Partnership M&E Officer	Include environmental impacts in education, technical assistance, training and other materials	Review of materials	Annual
Partnership Energy Activity						
	The new Somaliland Energy Regulatory and Legal Framework (ERLF) or the new Energy Law and Regulations, implement policies, regulation and laws that could have negative impacts on the environment.	Address environmental conservation and mitigation concerns in the draft Energy framework, laws and regulations.	Partnership M&E Officer	Draft framework addresses environmental conservation concerns	Review of materials	After draft is completed
Partnership Business Enabling Activities (Somaliland and Puntland)						
	Small scale construction (office rehabilitation and latrine construction) results in environmental impacts in Somaliland	Include condition in grant agreement to require good construction management, materials storage practices and protection of groundwater sources.	Project M&E Officer	Include good construction management practices and latrine siting requirements in	Inspection	Monthly during construction

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		Site latrine at least 20 m from any well, spring or drinking water source.		grant agreement.		
<b>2. Public Health Commodities</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>3. Medical waste</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>4. Small-Scale Construction</b>	Included in Category 8, below (Other activities, including Partnership Grant Activities).	See Category 8, below	See Category 8, below	See Category 8, below	See Category 8, below	See Category 8, below
<b>Partnership Energy Activity</b>						
	Locations of wind turbines result in unnecessary aesthetic impacts.	Site wind turbines so that they are away from public access and other structures, away from existing flight paths and away from the visual line between the control tower and airport facilities.	Partnership M&E Officer	Wind turbines are sited in an appropriate location.	Site Inspection	During construction
	Small scale construction works associated with installing turbines and buried conduit results in environmental impacts.	Include condition in subcontract to require good construction management and material storage practices.	Partnership M&E Officer	Inclusion of good construction management and material storage in subcontract.	Site Inspection	During construction
<b>5. Small-Scale WatSan</b>	N/A	N/A	N/A	N/A	N/A	N/A

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
<b>6. Small-Scale Agriculture</b>	See below.	See below.	See below.	See below.	See below.	See below.
Agriculture Activity						
	Project activities result in negative impacts on agricultural land and/or soil problems.	Include farmer training for soil conservation and integrated soils management techniques	Project Agricultural Specialist  Project M&E Officer	Training events and persons trained on soil conservation and integrated management techniques. Training materials developed and produced.	Review of Grant Agreements  Review of materials  Training Reports	Every 6 months
	Project activities result in or exacerbate water scarcity or water quality issues.	Include farmer training for efficient irrigation techniques to reduce competing water demands and increase crop productivity.	Project Agricultural Specialist  Project M&E Officer	Training events and persons trained on efficient irrigation techniques. Training materials developed and produced	Review of materials  Training Reports	Every 6 months
	Irrigation activities result in health impacts from waterborne diseases and vectors.	Train farmers about proper water management and vector reduction techniques. Raise awareness among farmers through extension agents	Project Agricultural Specialist  Project M&E	Training events and persons trained on efficient irrigation techniques.	Review of materials  Training Reports	Every 6 months

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		regarding farm-level sanitation.	Officer	Training materials developed and produced		
	Project activities result in soil erosion or other degradation.	Train farmers on best management practices to lower risks of soil erosion. Best practices include crop rotation, use of improved seeds, intercropping, proper plant spacing, improved irrigation efficiency, use of manure and compost, etc.	Project Agricultural Specialist  Project M&E Officer	Training events and persons trained on efficient irrigation techniques.  Training materials developed and produced	Review of materials  Training Reports	Every 6 months
	There is a loss of biodiversity or negative impact on local flora and fauna from project activities.	Train farmers on integrated management practices and the benefits of crop rotations, intercropping and integrated management practices Train Farmers on Natural pesticides practices to avoid use of chemical pesticides. Train farmers on proper use of organic matter	Project Agricultural Specialist  Project M&E Officer	Training events and persons trained on efficient irrigation techniques.  Training materials developed and produced	Review of materials  Training Reports	Every 6 months
	Farmers trained at the demonstration plots misuse pesticides on their own farms and cause harm to people, animals or the environment.	Include training on safe pesticide use during on-site training and extension services. Choose least toxic agrochemicals using requirements set in EMMP Train in safe use actions Limit use of the pesticides to small plots Train farmers on sowing Proper time of crops to reduce	Project Agricultural Specialist  Project M&E Officer	Training events and persons trained on efficient irrigation techniques.  Training materials developed and produced	Review of materials  Training Reports	Every 6 months

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		pest/disease affects and selecting resistant varieties				
	Negative environmental impacts result from small scale construction activities.	Require good site management practices by the contractor in the construction subcontract and require that the windmill has an automatic shutoff or other mechanisms to avoid standing water from spillage around the pump.	Project Agricultural Specialist  Project M&E Officer	Construction proceeds using good management practice and inspections during construction.	Inspection	During construction and annually thereafter
	Farmers trained by extension staff misuse pesticides on their own farms or use poor management techniques and cause harm to people, animals or the environment.	Include training on safe pesticide use and good agricultural management practices through extension services. Training on good business management techniques through extension services. Training on post harvest management techniques (packaging, transportation and marketing practices)	Project Agricultural Specialist  Project M&E Officer	Training events and persons trained on efficient irrigation techniques. Training materials developed and produced	Review of materials  Training Reports	Every 6 months
<b>Somaliland Livestock Activity</b>						
	Failure to observe best practices for handling, storage, and use of veterinary medicines result in a threat to health and safety of CAHWs, AHAs and/or farmers and pastoralists.	CAWHs, AHAs and farmers/pastoralists will be trained in best practices for handling, storage and use of veterinary medicines.	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of CAWHs and/or AHAs trained.	Review of materials  Training Reports	Quarterly

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
	Potential release of veterinary medicines to soil and/or surface water, public health and safety risks from unauthorized access to vet medicines by untrained CAHWs or AHAs and improper handling and use of medicines	To minimize the potential for accidental releases of veterinary medicines, CAWHs, AHAs and farmers/pastoralists will be trained in best practices for handling, storage and use of veterinary medicines.	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of CAWHs, AHAs, MoLAH personnel and/or farmers/pastoralists trained.	Review of materials  Training Reports	Quarterly
	Use of expired, off-brand or inappropriately stored veterinary medicines further sickens livestock.	Multiple trainings, workshops and inspections will be conducted for supply chain actors to ensure that appropriate medicines are stocked, sold and used. Wholesalers will be trained, spot-checked and inspected to ensure that appropriate medicines are available and sold; CAWHs and AHAs will be trained to ensure the safe use of these medicines.	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of wholesalers, suppliers, importers, CAWHs and/or AHAs trained.	Review of materials  Training Reports	Quarterly
	Potential release of veterinary medicines to soil and or/surface water and/or public health and safety risks resulting from improper medicine container disposal.	Wholesalers, suppliers, importers, CAWHs and AHAs will be trained on proper and appropriate disposal of medicine containers to reduce the potential for release to the environment.	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of wholesalers, suppliers, importers, CAWHs and/or AHAs trained.	Review of materials  Training Reports	Quarterly

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
Puntland Livestock Activity						
	Failure to observe best practices for handling, storage, and use of veterinary medicines result in a threat to health and safety of CAHWs, AHAs and/or farmers and pastoralists.	CAWHs, AHAs and farmers/pastoralists will be trained in best practices for handling, storage and use of veterinary medicines.	Project M&E Officer Project Livestock Specialist	Number of training days, training materials developed including manuals, number of CAWHs and/or AHAs trained.	Review of materials Training Reports	Quarterly
	Potential release of veterinary medicines to soil and/or surface water, public health and safety risks from unauthorized access to vet medicines by untrained CAHWs or AHAs and improper handling and use of medicines	To minimize the potential for accidental releases of veterinary medicines, CAWHs, AHAs and farmers/pastoralists will be trained in best practices for handling, storage and use of veterinary medicines.	Project M&E Officer Project Livestock Specialist	Number of training days, training materials developed including manuals, number of CAWHs, AHAs, MoLAH personnel and/or farmers/pastoralists trained.	Review of materials Training Reports	Quarterly
	Use of expired, off-brand or inappropriately stored veterinary medicines further sickens livestock.	Multiple trainings, workshops and inspections will be conducted for supply chain actors to ensure that appropriate medicines are stocked, sold and used. Wholesalers will be trained, spot-checked and inspected to ensure that appropriate medicines are available and sold; CAWHs and AHAs will be trained to ensure	Project M&E Officer Project Livestock Specialist	Number of training days, training materials developed including manuals, number of wholesalers, suppliers, importers, CAWHs and/or AHAs	Review of materials Training Reports	Quarterly

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		the safe use of these medicines.		trained.		
	Potential release of veterinary medicines to soil and or/surface water and/or public health and safety risks resulting from improper medicine container disposal.	Wholesalers, suppliers, importers, CAWHs and AHAs will be trained on proper and appropriate disposal of medicine containers to reduce the potential for release to the environment.	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of wholesalers, suppliers, importers, CAWHs and/or AHAs trained.	Review of materials  Training Reports	Quarterly
	Laboratory technicians are injured due to improper use, storage or handling of chemical reagents used in laboratory analytic equipment.	Laboratory technicians will be trained in the proper use of analytic laboratory analytic as well as the proper use, storage or handling of required chemical reagents.	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of laboratory technicians trained.	Review of materials  Training Reports	Quarterly
	Potential release of chemicals and reagents to air, soil and/or surface water due to improper storage, use and disposal of chemical reagents used in laboratory analytic equipment.	Laboratory technicians will be trained in the proper use of analytic laboratory analytic as well as the proper use, storage or handling of required chemical reagents, including recommendations in the associated MSDS.	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of laboratory technicians trained.	Review of materials  Training Reports	Quarterly
<b>7. Pesticides</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>8. Grant Activities</b>	See below.	See below.	See below.	See below.	See below.	See below.

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
Getco and Red Sea Fishing and Shrimp						
	By-catch from increased fishing activities results in increase in population collapse due to catch of juveniles or catches threatened/endangered animals such as sea turtles	<p>Include in grant agreements that Getco and RSFS will not use fishing nets that deplete younger generations of fish.</p> <p>Include in grant agreement that Getco and RSFS will have zero tolerance for catching, buying or processing sea turtles or any other species protected in the Somaliland Fisheries law and good international practice.</p> <p>Include in grant agreement that RSFS trains their cadre of young coastal nomads who cast day and night fish nets and sell their catch to RSFS on the requirements of the Somaliland Fisheries law and good international practice.</p>	Partnership M&E Officer	<p>Include requirements in grant agreement and</p> <p>Number of individuals trained on Somaliland Fisheries Law and good international practice.</p>	<p>Review of Grant Agreements</p> <p>Review of materials</p> <p>Training Reports</p>	Annually
	Fish processing produces waste products that cause a nuisance and pose a health hazard if not properly disposed.	<p>RSFS: Require in grant agreement that fish wastes are incinerated and buried at least weekly, if not more frequently, at the approved dump site.</p> <p>And require that fish wastes are stored in an air-tight container and out of human or animal contact until incineration occurs</p>	Partnership M&E Officer	<p>Include requirements in grant agreement and</p> <p>GETCO: Number waste transports to local dump.</p>	<p>Review of grant agreements</p> <p>Review of dumping records</p>	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		GETCO: Require in grant agreement that fish wastes are transported at least weekly, if not more frequently, to the approved dump site.				
	Fish processed at the facility or preserved in the facility ice cause consumer illness due to bacteriological or protozoan contamination from the water used to produce ice.	RSFS: Require in the grant agreement that the private wells are tested for water quality before ice-making operations commence.  GETCO: Require in the grant agreement that only Berbera city water will be used for cleaning, processing and ice-making operations.	Partnership M&E Officer	Include requirement in grant agreement.	Review of grant agreements, records and testing results.	Annually
	Risk to human health and the environment by using lead-based paint and poor construction management during rehabilitation.	GETCO: Include requirement in grant agreement to only allow lead-free paint. Include condition in grant agreement to require good construction management and materials storage practices.	Partnership M&E Officer	Inclusion of lead-free paint requirement and good construction management in grant agreement.	Site Inspections	During construction and annually thereafter
	Backup generator causes contamination due to leaking fuel.	GETCO: Require installation of external secondary containment around the generator and fuel storage tanks to contain spill or leak.	Partnership M&E Officer	Number of generators installed with proper secondary fuel containment.	Site Inspections	During construction and annually thereafter
	Fish processed at the facility pose a threat to consumer health through metal contamination or	GETCO: Require in the grant agreement that random fish are analyzed quarterly for quality in accordance with processing and	Partnership M&E Officer	Number of random fish samples tested for metals and other	Review of Records	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
	from infection from processing plant workers.	packaging standards of the international fish administration law. Require in the grant agreement that all processing plant employees undergo medical screening, including testing for Hepatitis B, TB and other communicable diseases.		contaminants. Also report results. Number of workers tested for communicable diseases. Also report results.		
Togdheer Women's Group						
	Risk for carrying and spreading disease in goat and sheep herds.	Work with regional Vet officers to develop materials and provide ongoing training to traders on the identification of sick animals.  Partnership program supports training programs on identifying sick animals and actions to be taken by Vet officer with the support of the Partnership livestock team.  Spot check of arriving trucks to assess disease status of purchased animals.	Partnership M&E Officer	Training materials developed and produced.  Number of training events held.  Number of people trained about risk of sick animals.	Review of materials  Training Reports	Annually
Al Husseini Farms and International Livestock						
	Livestock purchased and fattened on the Al Husseini Farm can contract and spread	Include requirement in grant agreement that all purchased livestock will be inspected by a qualified veterinarian and	Partnership M&E Officer	Include requirements in grant agreement.	Review of records  Site	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
	diseases to other animals and to humans.	<p>provided with vaccinations and parasite treatments as recommended.</p> <p>Include requirement in grant that sick animals will be quarantined and treated on site.</p>		<p>Number of livestock vaccinated and treated for parasites.</p> <p>Number of livestock quarantined for sickness.</p> <p>Number of livestock lost to disease.</p>	Inspections	
	Animal wastes and manure from livestock cause a nuisance and health problem if not adequately disposed of or treated.	<p>Animal manure will be composted on site and applied to the fodder fields.</p> <p>International Livestock employees and others will be trained in sustainable livestock fattening practices.</p>	Partnership M&E Officer	<p>Volume or weight of composted manure used in the fodder fields.</p> <p>Number of training events held.</p> <p>Number of people trained about sustainable livestock practices</p>	Site Inspections	Annually
	Water use at the Al Husseini Farm for increased fodder production negatively impacts downstream users during low flow	Include requirement in the grant agreement that Al Husseini Farms will not barrage the river or divert water during low flow conditions without first conducting a study on the impact on downstream	Partnership M&E Officer	Include requirement in grant agreement.	Review of documents Site Inspection	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
	periods.	water use and without consultation with and approval from local elders.				
	Even though the 1500 acre farm is owned by Al Hussein, nomadic peoples and pastoralists who have traditionally used or crossed the property are impacted.	Include requirement in the grant agreement that Al Hussein Farms will continue to allow nomadic peoples and pastoralists to use and cross their property.	Partnership M&E Officer	Include requirement in grant agreement.	Review of documents Site Inspection	Annually
	Small scale construction results in environmental impacts.	Include condition in Al Hussein grant agreement to require good construction management and materials storage practices.	Partnership M&E Officer	Include good construction Management practices in grant agreement.	Review of documents Site Inspection	Annually
Afjireh Group						
	Improperly stored gas at the storage and filling location causes injury, explosions or contamination	Require in the grant agreement that 1000 gallon tanks are stored: In a facility that protects them from the environment (sun, rain, etc), that is secured to a firm foundation, that it is secured from outside tampering, that is at minimum of 20 meters from other tanks, buildings and property lines. Require through procurement that the 1000 gallon pressure tanks are built to ASME pressure vessel	Partnership M&E Officer	Include tank and storage requirement in grant agreement and procurement documents	Review of documents Site Inspection	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		<p>standards, and that the 5-gallon tanks have neck-ring, protective cap or protective collar to protect the valve and are equipped with Overfill Protection Devices (OPD).</p> <p>Require in grant agreement that 5-gallon tanks are stored: In a facility that protects them from the environment, stores them upright and away from other buildings and the property lines.</p>				
	Workers are injured while refilling 5-gallon tanks.	<p>Require in grant agreement that all workers are trained in:</p> <ul style="list-style-type: none"> <li>• Use of personal protective equipment and safety procedures, including work gloves and eye protection.</li> <li>• Proper use of pressurized tank and transfer equipment.</li> <li>• Inspection of empty 5- gallon tank to be refilled for leaks or other damage.</li> <li>• The required procedure to calculate the maximum propane capacity of each tank and how not to exceed the capacity.</li> <li>• Emergency procedures in case of leaks or explosion.</li> <li>• Use of fire extinguisher.</li> </ul> <p>Require in grant agreement that there is a fire extinguisher at the location where 5-gallon tanks</p>	Partnership M&E Officer	<p>Include training requirements in grant agreement.</p> <p>Training materials developed and produced.</p> <p>Number of training events held.</p> <p>Number of people trained in safe refilling practices.</p>	<p>Review of documents</p> <p>Site Inspection</p> <p>Review of materials</p> <p>Training Reports</p>	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		are filled/refilled, and that there is adequate ventilation at the site.				
	Customers are injured using the gas for cooking.	<p>Include in grant agreement that Afjireh Group shall inspect each 5-gal tank before refilling and requalify each tank on the schedule recommended by the tank manufacturer.</p> <p>Include in grant agreement that Afjireh Group shall only sell gas that includes an odorant.</p>	Partnership M&E Officer	Include requirements in grant agreement.	Review of documents Site Inspection	Annually
Muliyo Salt Trading Company						
	<p>The chemicals used in salt refinement [including (1) either potassium iodate or potassium iodite, (2) either potassium or sodium ferrocyanide and (3) one of magnesium carbonate, calcium silicate, sodium silico aluminate or tricalcium phosphate] cause harm or damage from improper storage, handling, transportation, use or disposal.</p> <p>Risks include damage to thyroid, kidneys, nervous</p>	<p>Include in grant agreement that if any chemicals are used now or in the future, all guidance provided in the Material Safety Data Sheet (MSDS) for each chemical must be strictly followed.</p> <p>Include in grant agreement that if any processing chemicals are to be used now or in the future, all staff shall be trained in proper identification, first aid, fire fighting, accidental release, storage and handling, exposure controls and personal protection, transportation, and proper disposal measures prior to use.</p>	Partnership M&E Officer	Include chemical handling and storage requirements in grant agreement.	Review of documents Site Inspection	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
	system, lungs, mucus membranes, eyes and skin. Risks also include chemical burns, explosion and toxic gasses produced during fire.					
	Workers develop skin and eye irritation and respiratory distress due to exposure to particulate salt during refining.	<p>Include in grant agreement that all workers are provided with and required to use gloves and protective clothing and eye protection.</p> <p>Include in grant agreement that processing facility must be ventilated.</p>	Partnership M&E Officer	Include safety requirements in grant agreement.	Review of documents Site Inspection	Annually
	Workers are injured at the salt processing plant during operations.	Include in grant agreement that all workers as well as all new, incoming workers are provided with safety and operations training for every piece of equipment in the facility.	Partnership M&E Officer	<p>Training materials developed and produced.</p> <p>Number of training events held.</p> <p>Number of people trained in machinery operations.</p>	<p>Site Inspection</p> <p>Review of materials</p> <p>Training Reports</p>	Annually
Tayo Energy						
	Locations of wind turbines result in unnecessary aesthetic	Include in grant agreement that to the extent possible, turbines should be sited to be generally	Partnership M&E Officer	Include siting and public safety requirements in	Review of documents	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
	<p>impacts.</p> <p>People or children are injured trying to climb towers or on guy wires that provide tower support.</p>	<p>out-of-visibility.</p> <p>Require in grant agreement that windmills will use tubular metal towers so that the people cannot climb the towers and the four wind farms will be fenced for security and to protect the public from potential injury.</p>		grant agreement.	Site Inspection	
	<p>A public nuisance is caused from continuous noise generated by the windmills.</p> <p>Small scale construction works associated with installing 3-4 km of buried conduit results in environmental impacts.</p>	<p>Include condition in grant agreement to site turbines out of the city center and away from buildings, residences and other public facilities.</p> <p>Include condition in grant agreement to require good construction management and material storage practices.</p>	Partnership M&E Officer	Include siting and good management requirements in grant agreement.	Review of documents Site Inspection	Annually
Horumar Camel Dairy Farm						
	Purchase and transport of milk from nomadic herders is not kept clean and/or cool, prematurely going bad.	<p>Include in grant agreement that Horumar shall sterilize their milk transportation containers between uses and keep milk cool during transport and storage.</p> <p>Include in grant agreement that Horumar trains nomadic herders who sell milk to Horumar Dairy in how to collect and store milk for sale in clean, sanitary conditions</p>	Partnership M&E Officer	<p>Include sterilization requirements in grant agreement.</p> <p>Training materials developed.</p> <p>Number of training events held.</p>	Review of documents Site Inspection Review of materials Training	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
				Number of people trained in milk collection.	Reports	
	Preparing seed beds and planting fodder grasses and trees results in environmental damage.	<p>Include in grant agreement that Horumar use good agricultural practices when preparing seed beds and planting, including but not limited to maintaining tractors, properly storing oil and fuel, and confining any oil or fuel leaks/spills.</p> <p>Include in grant agreement that Horumar trains farm workers on agronomic and botanic aspects of fodder production and sustainability.</p>	Partnership M&E Officer	<p>Include agricultural requirements in grant agreement.</p> <p>Training materials developed.</p> <p>Number of training events held.</p> <p>Number of people trained in sustainable fodder production.</p>	<p>Review of documents</p> <p>Site Inspection</p> <p>Review of materials</p> <p>Training Reports</p>	Annually

**EMMR part 3 of 3: Reporting Form**

<p align="center"><b>List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)</b></p>	<p align="center"><b>Status of Mitigation Measures</b></p>	<p align="center"><b>List any outstanding issues relating to required conditions</b></p>	<p align="center"><b>Remarks</b></p>
<p>Education, technical assistance and training about activities that inherently affect the environment include discussions of prevention and mitigation of potential negative environmental effects. (<i>Kaaba Micro Credit grant</i>)</p> <p>Address environmental conservation and mitigation concerns in the draft Energy framework, laws and regulations (<i>Partnership Energy Activity</i>)</p>	<p>Grant agreement includes environmental requirements as outlined in the Environmental Review Form</p> <p>Draft Energy Law and Regulations address environmental conservation and protection practices, and references Act No: 04/98 <i>The Environmental Conservation Act</i></p>	<p>No outstanding issues at this time</p>	
<p>Site wind turbines so that they are away from public access and other structures, away from existing flight paths and away from the visual line between the control tower and airport facilities. (<i>Partnership Energy Activity</i>)</p>	<p>Contract for turbines, RfP for civil works construction and agreement with Ministry of Aviation includes environmental requirements as outlined in the Energy Sub-Activity Environmental Review Form.</p> <p>Site wind turbines are away from public access, other structures, existing flight paths and away from visual line between the control</p>	<p>No outstanding issues at this time</p>	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
Include condition in subcontract to require good construction management and material storage practices. ( <i>Partnership Energy Activity</i> )	tower and airport facilities.  Grant agreement and subcontracts include environmental requirements as outlined in the Environmental Review Form, including good construction management and material storage practices required.		
Include condition in grant agreement to require good construction management, materials storage practices and protection of groundwater sources.  Site latrine at least 20m from any well, spring or drinking water source. ( <i>Business Enabling Activity</i> )	Included condition in grant agreement that good construction management, material storage practices and protection of groundwater sources required.  Subcontract will include environmental requirements as outlined in the Environmental Review Form, such as site latrine distance from water sources.	No outstanding issues at this time	
Train farmers in soil conservation and integrated soils management techniques. ( <i>Agriculture Activity</i> )  Train farmers in efficient irrigation techniques to reduce competing water demands and increase crop productivity. ( <i>Agriculture</i>	Farmers trained during Season 1 and 2 at demo plots on best management practices to lower risks of soil erosion. Best practices include crop rotation, use of	No outstanding issues at this time  No outstanding issues at this time	The irrigation training for farmers on their farmers will be a component of the on-farm training by extension agents during the 3 <sup>rd</sup> season.

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<p><i>Activity</i>)</p> <p>Train farmers about proper water management and vector reduction techniques. Raise awareness among farmers through extension agents regarding farm-level sanitation. (<i>Agriculture Activity</i>)</p> <p>Train farmers on best management practices to lower risks of soil erosion. Best practices include crop rotation, use of improved seeds, intercropping, proper plant spacing, improved irrigation efficiency, use of manure and compost, etc. (<i>Agriculture Activity</i>)</p> <p>Train farmers on integrated management practices and the benefits of crop rotations, intercropping and integrated management practices</p> <p>Train Farmers on Natural pesticides practices to avoid use of chemical pesticides. Train farmers on proper use of organic matter. (<i>Agriculture Activity</i>)</p> <p>Train farmers on safe pesticide use during on-site training and extension services. Choose least toxic agrochemicals using requirements set in EMMP Train in safe use actions Limit use of the pesticides to small plots Train farmers on sowing Proper time of crops</p>	<p>improved seeds, intercropping, proper plant spacing, improved irrigation efficiency, use of manure and compost etc.</p> <p>Farmers trained on integrated management practices and the benefits of crop rotations, intercropping and integrated management practices.</p> <p>Farmers trained on natural pesticides practices to avoid use of chemical pesticides</p> <p>Farmers trained on safe pesticide use during on-site training and extension services, choosing least toxic</p>	<p>No outstanding issues at this time</p>	<p>The proper water management training will be conducted during the 3<sup>rd</sup> season; by extension agents for farmers in their sites.</p>

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<p>to reduce pest/disease affects and selecting resistant varieties. (<i>Agriculture Activity</i>)</p> <p>Train farmers on safe pesticide use and good agricultural management practices through extension services.</p> <p>Training on good business management techniques through extension services.</p> <p>Training on post harvest management techniques (packaging, transportation and marketing practices). (<i>Agriculture Activity</i>)</p>	<p>agrochemicals, limit use and safe of pesticides to small plots to reduce pest/disease affects and selecting resistant varieties.</p> <p>Farmers trained on safe pesticide use and good agricultural management practices through extension services.</p> <p>Trainings on good business management techniques through extension services conducted.</p>	<p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p>	<p>Training on post-harvest management will be conducted by the 3<sup>rd</sup> season.</p>
<p>Require good site management practices by the contractor in the construction subcontract and require that the windmill has an automatic shutoff or other mechanisms to avoid standing water from spillage around the pump. (<i>Agriculture Activity</i>)</p>	<p>Not yet done.</p>	<p>No outstanding issues at this time</p>	<p>The windmill installation is still incomplete because the delay of windmill parts from regional supplier. Good site management practices will conducted during 3<sup>rd</sup> season</p>
<p>Train CAWHs, AHAs and farmers/pastoralists in best practices for handling, storage and use of veterinary medicines. (<i>Puntland and Livestock Activities</i>)</p>	<p>CAWHs trainings started and continuing in Puntland until Feb 17, 2013.</p>	<p>No outstanding issues at this time</p>	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<p>Train supply chain actors to ensure that appropriate medicines are stocked, sold and used. Wholesalers will be trained, spot-checked and inspected to ensure that appropriate medicines are available and sold; CAWHs and AHAs will be trained to ensure the safe use of these medicines. <i>(Puntland and Livestock Activities)</i></p> <p>Train wholesalers, suppliers, importers, CAWHs and AHAs will be trained on proper and appropriate disposal of medicine containers to reduce the potential for release to the environment. <i>(Puntland and Livestock Activities)</i></p>	<p>Not yet done.</p> <p>Not yet done.</p>		<p>It will be conducted in the coming two quarters as per the updated workplan by livestock team and sub-contractors.</p> <p>It will be conducted in the coming two quarters as per the updated workplan by livestock team and sub-contractors.</p>
<p>Train laboratory technicians in the proper use of analytic laboratory analytic as well as the proper use, storage or handling of required chemical reagents. <i>(Puntland Activity)</i></p> <p>Laboratory technicians will be trained in the proper use of analytic laboratory analytic as well as the proper use, storage or handling of required chemical reagents, including recommendations in the associated MSDS. <i>(Puntland Activity)</i></p>	<p>Not yet done.</p> <p>Not yet done</p>	<p>No outstanding issues at this time</p>	<p>It will be conducted in the coming two quarters as per the updated workplan by livestock team and sub-contractors.</p>
<p>Include in grant agreements that <i>Getco</i> and <i>RSFS</i> will not use fishing nets that deplete younger generations of fish.</p> <p>Include in grant agreement that <i>Getco</i> and</p>	<p>Grant agreement of GETCO and RSFS includes that fishing nets that deplete younger generations of fish will not be used.</p> <p>Grant agreement includes</p>	<p>No outstanding issues at this time</p>	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<p><i>RSFS</i> will have zero tolerance for catching, buying or processing sea turtles or any other species protected in the Somaliland Fisheries law and good international practice.</p> <p>Include in grant agreement that <i>RSFS</i> trains their cadre of young coastal nomads who cast day and night fish nets and sell their catch to <i>RSFS</i> on the requirements of the Somaliland Fisheries law and good international practice.</p>	<p>that GETCO and <i>RSFS</i> will have zero tolerance for catching, buying or processing sea turtles or any other species protected in the Somaliland Fisheries Law and good international practice.</p> <p>Grant agreement includes that <i>RSFS</i> trains their cadre of young coastal nomads who cast day and night fish nets and sell their catch to <i>RSFS</i> on the requirements of the Somaliland Fisheries Law and good international practices</p>	<p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p>	
<p><i>RSFS</i>: Require in grant agreement that fish wastes are incinerated and buried at least weekly, if not more frequently, at the approved dump site.</p> <p>And require that fish wastes are stored in an air-tight container and out of human or animal contact until incineration occurs</p> <p><i>GETCO</i>: Require in grant agreement that fish wastes are transported at least weekly, if not</p>	<p><i>RSFS</i> is required by the grant agreement that fish wastes are incinerated and buried at least weekly, if not more frequently, at the approved dump site.</p> <p>And also it is required that fish wastes stored in an air-tight container and out of human or animal contact until incineration occurs.</p> <p><i>GETCO</i> is required by the</p>	<p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p>	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<p>more frequently, to the approved dump site.</p>	<p>grant agreement that fish wastes are incinerated and buried at least weekly, if not more frequently, at the approved dump site.</p>		
<p><i>RSFS</i>: Require in the grant agreement that the private wells are tested for water quality before ice-making operations commence.</p> <p><i>GETCO</i>: Require in the grant agreement that only Berbera city water will be used for cleaning, processing and ice-making operations.</p> <p>Require in the grant agreement that random fish are analyzed quarterly for quality in accordance with processing and packaging standards of the international fish administration law.</p> <p>Require in the grant agreement that all processing plant employees undergo medical screening, including testing for Hepatitis B, TB and other communicable diseases.</p>	<p><i>RSFS</i> is required in the grant agreement that the private wells are tested for water quality before ice-making operations commence.</p> <p><i>GETCO</i> is required in the grant agreement that only Berbera city water will be used for cleaning, processing and ice-making operations.</p> <p>In the grant agreement, it is required that random fish are analyzed quarterly for quality in accordance with processing and packaging standards of the international fish administration law.</p> <p>It is required in the grant agreement that all processing plant employees undergo medical screening, including testing for Hepatitis B, TB and other communicable</p>	<p>No outstanding issues at this time</p>	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
	diseases.		
<i>GETCO</i> : Include requirement in grant agreement to only allow lead-free paint. Include condition in grant agreement to require good construction management and materials storage practices.	GETCO grant agreement includes to only allow lead-free paint. It also includes as condition in the grant agreement that good construction management and materials storage practices.	No outstanding issues at this time	
<i>GETCO</i> : Require installation of external secondary containment around the generator and fuel storage tanks to contain spill or leak.	GETCO is required the installation of external secondary containment around the generator and fuel storage tanks to contain spill or leak.	No outstanding issues at this time	
<p><i>GETCO</i>: Require in the grant agreement that random fish are analyzed quarterly for quality in accordance with processing and packaging standards of the international fish administration law.</p> <p>Require in the grant agreement that all processing plant employees undergo medical screening, including testing for Hepatitis B, TB and other communicable diseases.</p>	<p>GETCO is required in the grant agreement that random fish are analyzed quarterly for quality in accordance with processing and packaging standards of the international fish administration law.</p> <p>It is required in the grant agreement that all processing plant employees undergo medical screening, including testing for Hepatitis B, TB and other communicable diseases.</p>	<p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p>	



List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
	arriving trucks are spot checked to assess disease status of purchased animals by the regional vet officer when arriving in Burao.		
<p><i>International Livestock and Al Hussein Farms:</i> Include requirement in grant agreement that all purchased livestock will be inspected by a qualified animal health specialist and provided with vaccinations and parasite treatments as recommended.</p> <p>Include requirement in grant that sick animals will be quarantined and treated on site.</p>	<p>In the grant agreements of ILC and Al Hussein Farm is included that all purchased livestock will be inspected by a qualified animal health specialist and provided with vaccinations and parasite treatment as recommended.</p> <p>Grant agreement includes that sick animals will be quarantined and treated on site.</p>	No outstanding issues at this time	
<p><i>International Livestock and Al Hussein Farms:</i> Animal manure will be composted on site and applied to the fodder fields.</p> <p><i>International Livestock</i> employees and others will be trained in sustainable livestock fattening practices.</p>	<p>Animal manure will be composted on site and applied to the fodder fields by ILC and Al Hussein farm.</p> <p>ILC employees will be trained in sustainable livestock fattening practices.</p>	No outstanding issues at this time	
Include requirement in the grant agreement that <i>Al Hussein Farms</i> will not barrage the river or divert water during low flow conditions without first conducting a study on the impact on downstream water use and	It is included in the grant agreement that <i>Al Hussein Farms</i> will not barrage the river or divert water during	No outstanding issues at this time	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
without consultation with and approval from local elders.	low flow conditions without first conducting a study on the impact on downstream water use and without consultation with and approval from local elders.		
Include requirement in the grant agreement that <i>Al Hussein Farms</i> will continue to allow nomadic peoples and pastoralists to use and cross their property.	In the grant agreement, it is included that <i>Al Hussein Farms</i> will continue to allow nomadic peoples and pastoralists to use and cross their property.	No outstanding issues at this time	
Include condition in <i>Al Hussein</i> grant agreement to require good construction management and materials storage practices.	Included condition in <i>Al Hussein</i> grant agreement to require good construction management and materials storage practices and construction completed.	No outstanding issues at this time	
<i>Affireh Group</i> : Require in the grant agreement that 1000 gallon tanks are stored: In a facility that protects them from the environment (sun, rain, etc), that is secured to a firm foundation, that it is secured from outside tampering, that is at minimum of 20 meters from other tanks, buildings and property lines.	In the grant agreement of <i>Affireh</i> , it is required that 1000 gallon tanks are stored: In a facility that protects them from the environment (sun, rain, etc), that is secured to a firm foundation, that it is secured from outside tampering, that is at minimum of 20 meters from other tanks, buildings and property lines.	No outstanding issues at this time	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<p>Require through procurement that the 1000 gallon pressure tanks are built to ASME pressure vessel standards, and that the 5-gallon tanks have neck-ring, protective cap or protective collar to protect the valve and are equipped with Overfill Protection Devices (OPD).</p> <p>Require in grant agreement that 5-gallon tanks are stored: In a facility that protects them from the environment, stores them upright and away from other buildings and the property lines.</p>	<p>It is also required through procurement that the 1000 gallon pressure tanks are built to ASME pressure vessel standards, and that the 5-gallon tanks have neck-ring, protective cap or protective collar to protect the valve and are equipped with Overfill Protection Devices (OPD).</p> <p>It is require in grant agreement that 5-gallon tanks are stored in a facility that protects them from the environment, stores them upright and away from other buildings and the property lines.</p>		
<p><i>Afjireh Group:</i> Require in grant agreement that all workers are trained in:</p> <ul style="list-style-type: none"> <li>• Use of personal protective equipment and safety procedures, including work gloves and eye protection.</li> <li>• Proper use of pressurized tank and transfer equipment.</li> <li>• Inspection of empty 5- gallon tank to be refilled for leaks or other damage.</li> <li>• The required procedure to calculate the maximum propane capacity of each tank and how not to exceed the capacity.</li> <li>• Emergency procedures in case of leaks or explosion.</li> </ul>	<p>It is required in Afjireh grant agreement that all workers are trained in:</p> <ul style="list-style-type: none"> <li>• Use of personal protective equipment and safety procedures, including work gloves and eye protection.</li> <li>• Proper use of pressurized tank and transfer equipment.</li> <li>• Inspection of empty 5-gallon tank to be refilled for leaks or other damage.</li> <li>• The required procedure to calculate the maximum propane capacity of each</li> </ul>	No outstanding issues at this time	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<ul style="list-style-type: none"> <li>• Use of fire extinguisher.</li> </ul> <p>Require in grant agreement that there is a fire extinguisher at the location where 5-gallon tanks are filled/refilled, and that there is adequate ventilation at the site.</p>	<p>tank and how not to exceed the capacity.</p> <ul style="list-style-type: none"> <li>• Emergency procedures in case of leaks or explosion.</li> <li>• Use of fire extinguisher.</li> </ul> <p>It is require in Afjireh grant agreement that there is a fire extinguisher at the location where 5-gallon tanks are filled/refilled, and that there is adequate ventilation at the site.</p>		
<p>Include in grant agreement that <i>Afjireh Group</i> shall inspect each 5-gal tank before refilling and requalify each tank on the schedule recommended by the tank manufacturer.</p> <p>Include in grant agreement that <i>Afjireh Group</i> shall only sell gas that includes an odorant.</p>	<p>It is included in the grant agreement of <i>Afjireh Group</i> that it shall inspect each 5-gal tank before refilling and re-qualify each tank on the schedule recommended by the tank manufacturer.</p>	<p>No outstanding issues at this time</p>	
<p><i>Tayo Energy</i>: Include in grant agreement that to the extent possible, turbines should be sited to be generally out-of-visibility.</p> <p>Require in grant agreement that windmills will use tubular metal towers so that the people cannot climb the towers and the four wind farms will be fenced for security and to protect the public from potential injury.</p>	<p>It is included in grant agreement of <i>Tayo Energy</i> that to the extent possible, turbines should be sited to be generally out-of-visibility.</p> <p>It is required in grant agreement that windmills will use tubular metal towers so that the people cannot climb the towers and the four wind farms will be fenced for security and to</p>	<p>No outstanding issues at this time</p>	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
	protect the public from potential injury.		
<p><i>Tayo Energy</i>: Include condition in grant agreement to site turbines out of the city center and away from buildings, residences and other public facilities.</p> <p>Include condition in grant agreement to require good construction management and material storage practices.</p>	<p>It is included condition in grant agreement to site turbines out of the city center and away from buildings, residences and other public facilities.</p> <p>It is included condition in grant agreement that it is required good construction management and material storage practices.</p>	No outstanding issues at this time	
<p>Include in grant agreement that <i>Horumar Dairy</i> shall sterilize their milk transportation containers between uses and keep milk cool during transport and storage.</p> <p>Include in grant agreement that <i>Horumar Dairy</i> trains nomadic herders who sell milk to <i>Horumar Dairy</i> in how to collect and store milk for sale in clean, sanitary conditions.</p>	<p>It is included in grant agreement that <i>Horumar Dairy</i> shall sterilize their milk transportation containers between uses and keep milk cool during transport and storage.</p> <p>It is included in grant agreement that <i>Horumar Dairy</i> will train nomadic herders who sell milk to collect and store milk for <i>Horumar Dairy</i> in how to sale in clean, sanitary conditions.</p>	No outstanding issues at this time	The milk transportation containers and refrigerators to keep milk cool purchase is in process and will be completed soon.
<p>Include in grant agreement that <i>Horumar Dairy</i> use good agricultural practices when preparing seed beds and planting, including but not limited to maintaining tractors, properly storing oil and fuel, and confining</p>	<p>It is included in grant agreement that <i>Horumar Dairy</i> use good agricultural practices when preparing seed beds and planting,</p>	No outstanding issues at this time	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<p>any oil or fuel leaks/spills.</p> <p>Include in grant agreement that <i>Horumar Dairy</i> trains farm workers on agronomic and botanic aspects of fodder production and sustainability.</p>	<p>including but not limited to maintaining tractors, properly storing oil and fuel, and confining any oil or fuel leaks/spills.</p> <p>It is ncluded in grant agreement that <i>Horumar Dairy</i> trains farm workers on agronomic and botanic aspects of fodder production and sustainability.</p>		

**Certification**

**I certify the completeness and the accuracy of the mitigation and monitoring plan described above for which I am responsible and its compliance with the IIP and EG IEE:**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Suleiman Mohamad  
Chief of Party, Partnership for Economic Growth  
DAI

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**BELOW THIS LINE FOR USAID USE ONLY  
USAID/EA/LPC/Somalia Clearance of EMMR:**

Contracting Officer's Representative: \_\_\_\_\_ Date: \_\_\_\_\_  
Marybeth McKeever

Mission Environmental Officer: \_\_\_\_\_ Date: \_\_\_\_\_  
Ismail M Shaiye

As appropriate: REA, BEO [depending on nature of activity, which potentially may require an EA]

**Note:** if clearance is denied, comments must be provided to applicant.

## APPENDIX II: PERFORMANCE AGAINST INDICATOR TARGETS

### Appendix:

**Table 4: Partnership For Economic Growth Indicator performance in 1<sup>st</sup> quarter 2013 (7<sup>th</sup> Quarter)**

Indicator	Baseline	FY2013: Target	Actual Results				Achievement
			Q1	Q2	Q3	Q4	Total
<b>Objective Level Indicators</b>							
<b>PO 1:</b> Percent of respondents who state that economic conditions have improved over the last year	59%	66%	N/A				
<b>PO 2:</b> Percent of respondents who state that security has improved over the last year.	82%	89%	N/A				
<b>Intermediate Result 1 Level Indicators</b>							
<b>1.1:</b> Average percent change in score on key areas of organization capacity amongst USG direct and indirect local implementing partners.	15%	14% Increase	N/A				
<b>1.2:</b> Number of days of technical assistance trade and investment environment provided to counterpart or stakeholder.	0	180	49				
<b>1.3:</b> Score on Legislative Framework Milestone Index.	0	100%	65%				
<b>Intermediate Result 2 Level Indicators</b>							
<b>2.1:</b> Percent change in volume/yield of agricultural products/commodities supported through PEG activities (kg)	25,904.1 kg/Ha  (Only 5 crops.	20% Increase	N/A				

	Tomatoes, Onions, Cabbage, Watermelon, Lettuce).						
2.2: Number Farmers and others who have applied new technologies or Management practices as a result of USG assistance.	0	50 (47 M & 3 F)	N/A				
<b>Common or Activity Level Indicators</b>							
3.1.1 Number of training events	0	78	59				
3.1.2 Number of individuals who have received USG supported short-term agricultural sector productivity or food security training.	0	198	548 M:464 F:84				
3.1.3 Number of participants who have completed the training supported by the USG.	0	84 M:72 F:12	663 M:267 F:396				
3.1.4. Person hours of training completed in private sector productive capacity supported by USG assistance.	0	69818 M:59295 F:10523	2,245 M:1039 F:1206				
3.2. Number of persons receiving new or better employment (including better self-employment) as a result of participation in USG-funded workforce development project	0	21	N/A				
3.3. Number of food security private enterprises, producers organizations, water users associations, women's groups, trade and business associations, and community-based organizations (CBOs) receiving USG	0	16	N/A				
3.4. Number of partnership supported events.	0	39	8				
3.5. Number of technologies or management practices in one of the phases of development	0	17	N/A				

3.6. Number of investment deals initiated or completed by project end, through the contribution of USG assistance.	0	1	N/A				
3.7. Number of policy reforms/regulations/administrative procedures drafted and presented for public /stakeholder consultation to enhance sector governance and/or facilitate private sector participation and competitive markets as a result of USG assistance (FAF).	0	0	N/A				