

The Afghanistan Engineering Support Program assembled this quarterly report. It is an approved, official USAID document. Budget information contained herein is for illustrative purposes. All policy, personal, financial, and procurement sensitive information has been removed. Additional information on the report can be obtained from Firouz Rooyani, Tetra Tech Sr. VP International Operations, (703) 387-2151.



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ENGINEERING SUPPORT PROGRAM

FINAL

Q1 QUARTERLY REPORT FY2011



Draft Submitted: January 3, 2011

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

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January 26, 2011

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U.S. Agency for International Development
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Great Masood Road
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Re: Contract No. EDH-I-00-08-00027-00, Order No. 1; Afghanistan Engineering Support Program; Final Q1 Quarterly Report FY 2011

[REDACTED]:

Per section C.5, "Deliverables," paragraph D of the above referenced contract, we are submitting the Final 1st Quarter Report for the 2011 Fiscal Year. The report covers the period of October 1, 2010 through December 31, 2010.

This report incorporates your review comments discussed. Please feel free to contact me with any questions or comments.

Respectfully,

[REDACTED]

Chief of Party, OIEE-AESP
Tetra Tech

AFGHANISTAN ENGINEERING SUPPORT PROGRAM

FINAL Q1 QUARTERLY REPORT FY2011

January 26, 2011

DISCLAIMER

The author's views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

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1.0 Executive Summary

This is the Fiscal Year 2011 First Quarterly (FY2011 Q1) Report submitted under Task Order EDH-I-00-08-00027-00, Order No. 1; Afghanistan Engineering Support Program. The reporting period is for October 1, 2010 through December 31, 2010.

Table 1-1 Active FY2011 Q1 AESP Work Orders						
Work Order Type	Sector					
	Energy	Water and Sanitation	Water Resources	Transportation	Vertical Structures	Technical Support Services
Administrative Work Orders	7	1	5	2	8	5
Long Term Work Orders	8	0	0	4	6	0
The value of new Long Term Work Orders plus the amendments to existing Long Term Work Orders in FY2011 Q1 total [REDACTED].						

The purpose of the contract is to provide technical assistance to the Office of Infrastructure, Engineering & Energy (OIEE), by providing a quick response from a Kabul based core of Ex-pat architectural and engineering professionals. The Kabul-based Tetra Tech Team provides planning, design, technical and oversight support, while also contributing to capacity building, mentoring, and collaboration/coordination with appropriate stakeholders. The estimated period of performance for this contract is five years from a notice to proceed date of November 14, 2009.

Technical assignments and tasks are categorized as either administrative (WO-A) or long term (WO-LT) work orders. Administrative work orders (WO-A) are defined as those assignments taking less than or equal to 18 man days (144 man hours) and are most often performed by the core staff in Kabul. Long Term work orders (WO-LT) are defined as those tasks taking longer than 18 man days (144 man hours), and supported by the Home Office staff as a reach back assignment with Kabul core staff providing coordination and management.

Deliverables for the Contract include the initial and Year 2 Work Plans, Security Plan, Weekly Meeting Minutes, Quarterly Progress Reports, Performance Monitoring Plan (PMP), Annual Work Plan, Annual Project Report and Final Report.

In this reporting period, TetraTech concentrated on the expanding program needs through specific requests from USAID to add program staff members in the Transportation, Energy/Electrical and Vertical Structures disciplines and for specific work orders.

Our commitment to capacity development of Afghan staff individuals was supported by the hiring of total of twelve (12) local national (LN) staff during the 1st quarter. Ten (10) of these positions were filled utilizing our Local National partners USACC and SMART as identified in our original proposal and two (2) were direct hires. Six (6) of the local nationals are being utilized under WO-LT-0007 QA Oversight SPR – Southern and Eastern Afghanistan. The

remaining six (6) are part of our in-house engineering staff and support on-going projects identified by USAID. WO-LT-0009 PRT Field Support may require hiring twelve (12) LNs per the Modification of Contract (MOD) 8. PRT work in and with the local communities will identify and facilitate reconstruction and development in the provinces. This work is expected to begin Q2 of FY2011.

2.0 Program Staffing

The OIEE AESP Program added two (2) expat staff members during the FY2011 Q1 in support of Contracts and WO-LT-0007 QA Oversight SPR – Southern and Eastern Afghanistan. In addition, twelve (12) Local Nationals (LN) were added to the professional engineering staff to support the WO-LT-0007 QA Oversight SPR – Southern and Eastern Afghanistan and on-going design activities. This is a key component to Tetra Tech’s capacity development program.

2.1 Expat Staffing

Table 2-1 International Staffing and Deployment			
Employee Name	Position	Afghanistan Arrival	Afghanistan Departure
[REDACTED]	Chief of Party	11/20/09	4/23/09
[REDACTED]	Finance Manager	11/20/09	N/A
[REDACTED]	Vertical Structures Lead	12/6/09	5/27/10
[REDACTED]	Energy Lead	12/6/09	N/A
[REDACTED]	IT Specialist (STTA)	12/6/09	5/3/10
[REDACTED]	Contracts Manager	12/13/09	12/11/10
[REDACTED]	Chief of Party	12/23/09	10/8/2010
[REDACTED]	Junior Civil Engineer	12/23/09	N/A
[REDACTED]	Water/Wastewater Engineer	12/23/09	6/23/10
[REDACTED]	Water Resources Lead	2/17/10	N/A
[REDACTED]	Junior Civil/Structural Engineer	2/17/10	11/19/10
[REDACTED]	Geologist (STTA)	3/8/10	6/12/10
[REDACTED]	Deputy Chief of Party ⁽²⁾	3/15/10	N/A
[REDACTED]	Acting Chief of Party	6/14/10	6/27/10
[REDACTED]	Vertical Structures Lead	6/14/10	N/A
[REDACTED]	Airport Planner (STTA)	6/14/10	7/12/10
[REDACTED]	Technical Support Manager	6/26/10	N/A
[REDACTED]	Water/Wastewater Lead	6/26/10	N/A
[REDACTED]	Geologist (STTA)	7/13/10	11/20/10
[REDACTED]	SPR Manager	7/31/10	N/A
[REDACTED]	PRT Manager	7/31/10	N/A
[REDACTED]	Procurement and Finance Auditor	7/19/10	8/16/10
[REDACTED]	Chief of Party ⁽¹⁾	8/26/10	N/A
[REDACTED]	Electrical Engineer	8/26/10	9/4/10
[REDACTED]	Administrative Manager	9/13/10	N/A
[REDACTED]	Information Technology	10/3/10	10/24/10
[REDACTED]	Sr. Quality Assurance Inspector/Sr. Construction Manager ⁽³⁾	12/3/10	N/A
[REDACTED]	Contracts Manager ⁽⁴⁾	12/28/10	N/A

Notes:

- (1) Deputy Chief of Party 8/26/10 and then transferred to the position of Chief of Party on 10/8/10 after [REDACTED] Departure [REDACTED] Departure
- (2) MIS Manager 3/15/10 and then transferred to the position of Deputy Chief of Party on 12/15/10
- (3) LTTA position to support WO-LT-0007 (QA Oversight SPR Roads)
- (4) LTTA position replacement for previous Contracts Manager [REDACTED]

2.2 Expat Staffing Changes

██████████, Chief of Party (COP), returned to the US in October. ██████████ is currently serving as the COP.

██████████ is currently serving as the Deputy Chief of Party (DCOP).

In support of WO-LT-0007 QA Oversight SPR – Southern and Eastern Afghanistan ██████████ was added to the Expat Staffing as a Senior Quality Assurance Inspector/Sr. Construction Manager.

██████████ was added to the staff as the Contracts Manager.

The Contract/Task Order Level of Effort (LOE) man-day budgets is still operating pursuant to MOD 8, which realigned the budget and added local national and expat staff. This modification was approved by the Contracting Officer (CO) August 3, 2010.

2.3 Local National Staffing

Employee Name	Position	Start Date
██████████	Accountant/Tt	3/23/10
██████████	Internal Auditor/Tt	3/27/10
██████████	Government Liaison/Tt	12/2/09
██████████	Facilities Manager/Tt	3/20/10
██████████	IT Manager/Tt	4/15/10
██████████	IT Assistant/Tt	4/20/10
██████████	Contracts Assistant/Buyer/Tt	3/22/10
██████████	Mid-Level Architect/Tt	4/5/10
██████████	SPR Administrative Assistant/Tt	9/13/10
██████████	Facilities Maintenance/Tt	3/20/10
██████████	HR Manager /Tt	7/3/10
██████████	SPR Mid-Level engineer/ USACC	10/9/10
██████████	Administrative Assistant/Tt	10/1/10
██████████	SPR QA Monitor/USACC	10/2/10
██████████	SPR QA Monitor/USACC	10/2/10
██████████	SPR QA Monitor/USACC	10/12/10
██████████	SPR QA Monitor/USACC	10/9/10
██████████	Civil Engineer- Junior Level/USACC	10/24/10
██████████	Senior Administrative Assistant/Tt	10/24/10
██████████	SPR QA Monitor/USACC	12/11/10
██████████	Structural Engineer – Junior Level /SMART	11/29/10
██████████	Electrical Engineer – Junior Level /SMART	12/5/10
██████████	Civil Engineer – Mid Level/SMART	12/7/10

	Q1 LN staff hired from USACC / SMART for WO-LT-0007 SPR
	Q1 LN staff hired from USACC / SMART for in-house engineering
	Q1 LN staff hired directly by Tetra Tech

In addition to the Local National Staff listed above, four LNs are employed for facilities maintenance and five cooking staff are employed.

2.4 Local National Staff Changes

A total of twelve (12) local nationals were added to the Tetra Tech Staff during the 1st quarter. Ten (10) of these positions were filled utilizing our Local National partners USACC and SMART as identified in our original proposal and the remaining two (2) staff were direct hires. Six (6) of the local nationals are being utilized under WO-LT-0007 QA Oversight SPR – Southern and Eastern Afghanistan. The remaining six (6) are part of our in-house engineering staff and support on-going projects identified by USAID. The LNs are being trained by the expat staff to ensure functionality and operability remains at the highest levels.

3.0 Contract/Task Order

3.1 Contract/Task Order Activities

October 20, 2010: USAID- Office of Acquisition and Assistance (OAA) suspended (1) mobilization of equipment and personnel, (2) new or amended leases and (3) purchases or leasing of equipment and vehicles.

November 24, 2010: USAID-OAA lifted the October 20, 2010 suspension of mobilization of equipment and personnel, etc.

December 29-30, 2010: Tetra Tech received two “government furnished equipment” armored cars from USAID to increase the AESP armored car fleet to three.

3.2 Contract/Task Order Deliverables

November 1, 2010 Draft FY2010 Annual Report

November 13, 2010 Final FY2010 Annual Report

4.0 Work Orders

4.1 Sector Activities

The following sections describe the activities performed in each sector during FY2011 Q1 under this Task Order.

4.1.1 Energy

In the first quarter of FY2011, the Energy Sector began developing a series of long-term work orders to meet the objectives outlined in the *Report on Progress Toward Security and Stability in Afghanistan* (April 2010). The cornerstone was a long-term study of the electrical transmission and generation system in Afghanistan. Other work developed included; 1) WO-LT-0023 a field investigation of selected transmission lines with the Mazar-e-Sharif to Sheberghan line being the most prominent, 2) WO-LT-0024 a field investigation of the 48-MW Kud Bergh power plant in Balkh province, and 3) WO-LT-0030 a feasibility study for a 200-MW gas fired power plant in Jowzjan province.

Work continued on WO-LT-0012, the study of the transmission line from Pul-e-Khumri to Chintala, and Tetra Tech also continued to remain involved in the efforts to connect the NEPS and SEPS system with new transmission lines on WO-LT-0021. Another line of work

in the energy sector consists of improvements to the electrical distribution system in Kabul and nearby provinces. Another series of long-term work orders were developed; 1) WO-LT-0031 for 20-kV feeder extensions from primary unit substations to areas that would eventually receive new commercial service, 2) WO-LT-0025 village electrification from these 20-kV feeders to thousands of individual customers, and 3) WO-LT-0022 studying how to provide highly reliable power to selected customers in Kabul, specifically the US Embassy compound and the USAID compound from the commercial electrical distribution system. All of these long-term work orders were given notice to proceed in FY2011Q1.

4.1.2 Vertical Structures

The most notable Vertical Structures effort was the completion of a multi-use communications tower (WO-LT-0013). Tetra Tech worked with USAID and the Department of State to complete the 80-meter tall, multi-use communications tower construction in the Deep South section at Kandahar Airfield. This tower will be used as a platform for the expansion of TV, Radio and Cellular Communications in Southern Afghanistan. Tetra Tech provided the engineering services during construction.

Project management support and design review support activities were ongoing for the Ministry of Public Health (MoPH) complex (WO-LT-0004) as well as the Kabul University Mens' Dormitory, Laundry, and Dining Facilities (WO-LT-0015). Design Reviews were performed for several projects including, the National Load Control Center 90% (WO-A-0055) and 100% (WO-A-0070) Designs, Facility of Higher Education (WO-A-0062), Ghazi Boys High School Administration Building (WO-A-0067), and the Sardar Roof structural review (WO-A-0066).

Tetra Tech participated in two work orders this quarter to assist USAID establish better vertical structures design and construction standards. The first was WO-A-0069 Construction Principles Guidelines document that is aimed at strengthening coordination efforts between parties involved in construction primarily in sectors of construction contracting, design, and quality assurance/quality control. Additionally, this document outlines general construction principles, practices, and standards. The second work order (WO-A-0058 Afghan Standardization) is an ongoing investigation into the development of Afghan National Construction Standards with the end product being a report with recommendations to USAID regarding the adaptation of these standards.

4.1.3 Water and Sanitation

The primary focus for Water and Sanitation discipline were the completion of the site grading and utility drawings and specifications for the Ghazi Boys High School (GBHS) (WO-LT-0005) and Sardar Girls School (SGHS) (WO-LT-0006). These project designs included water supply, disinfection, and distribution facilities, wastewater collection and treatment (via a packaged wastewater treatment system), greywater collection, storage, and pumping, site improvements such as sidewalks, parking, and student assembly areas, and grading and drainage improvements.

Bid support continued for these projects this quarter as well as the kick-off to the GBHS Construction Services. Tetra Tech worked closely with USAID, UNOPS (the implementing partner for the construction of the schools), and IRD (International Relief and Development performing quality control work for USAID on the schools projects) to ensure that the site

grading and utility design is coordinated with the school design, and necessary input into the design was obtained in a timely manner from USAID and its associated construction partners. A goal during the design of the site grading and utilities contracts has been to utilize materials available locally, and to provide dependable utility systems that are not overly complex and can be operated and maintained by trained LNs.

4.1.4 Water Resources

A summary of work performed during the FY2011 Q1 by the Water Resources group included providing technical support, document reviews, and design input on several major water resources engineering projects to USAID/OIEE and others, and is briefly described in the following paragraphs.

4.1.4.1 WO-A-0039 Kajaki Hydroelectric Dam Project (Helmand Province)

Tetra Tech, with input by USAID/OIEE, helped to prepare a Construction Level of Effort Cost Estimate for a third turbine-generator installation unit at the existing Kajaki Dam hydroelectric dam facility located in Helmand Province. The Cost Estimate was prepared in support of a pending contractor project bidding effort by the USAID/OIEE.

4.1.4.2 WO-A-0043 Multipurpose Dam/Reservoir Projects (Kabul River Basin)

Tetra Tech completed the following tasks for USAID on two major dam and multi-purpose reservoir projects, namely the Shatoot Storage Dam Project and the Sarobi II Hydroelectric Dam Project in the Kabul River Basin (WO-A-0043). These two projects reportedly meet the criteria required for the design and construction of water supply and hydroelectric dams as presented in The World Bank report entitled “Scoping Strategic Options for Development of the Kabul River Basin, a Multisectoral Decision Support System Approach” (prepared for the Sustainable Development Department, South Asia Region in 2010). The work included performing detailed reviews of the feasibility studies previously completed for the Shatoot Storage Dam Project by Pooyab Consulting Engineers (Tehran, Iran) and the former Russian-designed Sarobi 2-1 and 2-2 hydroelectric run-of-river (ROR) dam projects as part of the USAID/OIEE proposed new Sarobi II ROR hydroplant project.

Tetra Tech concurred with the findings of the Pooyab 2010 feasibility studies for the Shatoot Storage Dam Project, and recommended that further feasibility studies be started for this proposed dam project. Tetra Tech also recommended that full-blown feasibility studies be performed for the USAID/OIEE-proposed Sarobi II 200-meter high hydropower dam and appurtenances.

4.1.4.3 WO-A-0061 Multipurpose Dam/Reservoir Projects (Bamyan Province)

Tetra Tech completed separate site reconnaissance field investigations with USAID/OIEE project personnel at several potential dam and reservoir sites located within the Bamyan Province (WO-A-0061). Independent baseline geologic mapping tasks for the proposed dam and reservoir sites were completed by a Tetra Tech Geologist as part of the USAID/OIEE proposed program for evaluating several proposed multipurpose dam and reservoir projects, including those for hydropower generation, to be further planned out by the USAID/OIEE in early 2011.

4.1.4.4 WO-A-0063 Topchi Small Hydroplant Canal Project (Bamyan Province)

A detailed design review was completed for the Topchi Small Hydroplant Canal Project (Bamyan Province) construction documents prepared by Winrock International in Kabul. This project design review was but one component of an overall Topchi Small Hydroplant Project, which also includes a proposed low diversion dam and intake works structure with appurtenances above the headrace canal and hydroplant facilities (1000-KW capacity) below the headrace canal.

4.1.5 Transportation

Work in the Transportation sector included the QA Oversight for the Strategic Provincial Roads (SPR) program and the kick-off for the Khost Bridge design under the PRT work order. Activities also finalized the Light Airport Master Plans (LAMPs) for Maimana and Faizabad Airports. Tetra Tech continued to provide third-party geotechnical quality assurance (QA) and technical review services to USAID and FAA on the Chagcharan, Maimana, and Faizabad Regional Airports.

4.1.5.1 WO-LT-0007 QA Oversight SPR (Strategic Provincial Roads) Southern and Eastern Afghanistan

Tetra Tech moved forward as directed by USAID and interviewed and hired Afghan staff to begin filling the positions for the SPR QA Oversight Program. Six LN QA Engineers were hired in Q1 FY2011 in addition to one expatriate QA Engineer and one Administrative Assistant that was hired Q4 of FY2010.

The QA Engineers/ Monitors reviewed plans and specifications for the various roadway projects in the SPR Program so they could become familiar with their assigned projects. Ongoing in house QA training was conducted on the quality control and testing procedures of materials that are to be incorporated into the roadway projects under the SPR Program.

Periodic visits to the various roadway projects were conducted by the QA Engineers/Monitors were assigned to make in the SPR Program. The following is a list of the road projects that were visited during this reporting quarter:

- October: Road #2; Bridge 4; Road #5; Road #11
- November: Road#5; Road#8; Road #9A; Road #9B
- December: Road #2; Bridge 4; Road#8; Road #9A; Road#11;Road #41

Upon the QA staff's return to the Kabul office from site visits, the photographs, field reports and testing documentation acquired from the field were compiled and edited and monthly site visit reports were created and forwarded as deliverables to USAID.

4.1.5.2 WO-LT-0008 LAMPs

The LAMPs Reports for the Maimana and Faizabad Airports were completed in October and November. The submittal of these reports marked the completion of the LAMPs work order WO-LT-0008.

4.1.5.3 WO-LT-0009 PRT Support – Khost Bridge

Tetra Tech traveled to Forward Operating Base (FOB) Chapman Provincial Reconstruction Team (PRT) Khost to visit three locations in Khost Province for potential bridge sites. The objective of this work is for Tetra Tech to provide conceptual bridge design for a 300+ meter crossing connecting Matan and Sagai which was identified as a priority among the three locations. Observations were made with respect to geography, obstructions, water flow, soil conditions and other elements effecting bridge design and location. The crossing at Sagai is a wadi, approximately 313 meters wide, that is assumed to have a high water flow with a maximum depth of approximately 1.0 meter.

In this quarter, USAID expanded Tetra Tech’s third-party QA subcontractor role (WO-LT-0029) to monitor and conduct additional site visit evaluations on the rehabilitation progress at both the Faizabad and Maimana Regional Airports in addition to quality assurance checks on the work supported by the USAID Grant proceeds. Subsequently, QA oversight and reporting was performed for both the Maimana and Faizabad Regional Airport runway construction. Tetra Tech conducted QA site visits to the Maimana Regional Airport with Ministry of Transport and Civil Aviation (MOTCA) and the construction contractor, FHK, personnel on October 20, 2010 and with USAID, an FAA/MOTCA liaison, and FKH personnel on December 30, 2010. (During the October 20 visit and at the request of Mr. Shafaq, the Faryab Province Governor, Tetra Tech personnel also visited with the Governor to discuss the Maimana Airport construction progress). Site visit/site inspection reports for both airports were prepared and submitted to USAID.

4.2 Progress

FY 2010 Work Order activity under this Task Order included work on 28 Administrative Work Orders and 18 Long Term Work Orders for a total of 46 Work Orders. Following is the breakdown of number of Work Orders by sector:

- Energy: 7 Administrative Work Orders, 8 Long Term Work Order
- Water, Sanitation, and Water Resources: 6 Administrative Work Orders
- Transportation: 2 Administrative Work Orders, 4 Long Term Work Orders
- Vertical Structures: 8 Administrative Work Orders, 6 Long Term Work Orders (includes architecture, energy, and water and sanitation support)
- Technical Support Services: 5 Administrative Work Orders

The value of current Long Term Work Orders (including the scope and budget extensions) total [REDACTED]. A summary of the progress of each Work Order is shown in Table 4-1. A complete listing of all the Work Orders issued under this Task Order can be found on the Work Order Status table included in Appendix A.

Table 4-1
FY 2011 Q1 Active Work Order Summary
 Afghanistan Engineering Support Program
 IQC: Task Order 01 - EDH-I-00-08-00027-00
 USAID Technical Office: USAID/Office of Infrastructure, Engineering, and Energy (OIEE)
 Reporting October 1, 1020 Thru December 30, 2010

Work Order Number	Work Order Title	Summary of Work Completed FY2011 Q1
<i>WO-A: Administrative Work Orders⁽¹⁾</i>		
WO-A-0024	Afghan First COP Meetings	Tetra Tech will conduct two to three meetings with the Implementing Partner COPs to discuss the finding of the Afghan First Contractor Capacity Building Report.
WO-A-0038	Execution Plan for RC-East and Nangarhar Elec Power Distribution Program	Provided planning support to USAID on preparing the execution plan to distribute electric power in Nangarhar.
WO-A-0039	Kajaki Dam Cost Estimate	Developed a time and materials construction cost estimate for the Unit 2 Turbine-Generator Installation.
WO-A-0043	Shahtoot and Sarobi II Dam Review	Performed project design reviews for the Shahtoot Storage Dam Project and the Sarobi II Hydroelectric Dam Project in the Kabul River Basin.
WO-A-0045	Chagcharan Airport Site Visit	Conducted a third-party QA and technical review on the Chagcharan Regional Airport construction quality and progress at the request of USAID and FAA.
WO-A-0046	Jalalabad Elec Power Distribution	Tetra Tech provided planning services including assisting USAID in developing a task order to extend electric power distribution from the soon to be completed 110/20-kV substation to distribution systems, unit substations and customer services. Provided assistance to the local electric utility to refine their "commercialization" practices.
WO-A-0047	Technical Review Maimana & Faizabad Airport	Provided QC Oversight & Field Observation reports on runway and building construction
WO-A-0049	Badakshan Bridge Independent Review	Completed and submitted an investigative report to assess the failure of Bridge #12 on the Keshim-Faizabad Road. The report included reviews of information provided for hydrology, hydraulic and structural aspects of the original design and recommendations for steps forward associated with the new design parameters.
WO-A-0050	USAID DVD/CD Filing	Developed and delivered a fully searchable Excel spreadsheet to guide USAID through a file structure set-up for tracking all implementing partner deliverables.
WO-A-0051	MOT Electrical Phase II Drawing Review	Tetra Tech provided technical support services that included design review of 100% Electrical Drawings.
WO-A-0052	NEPS-SEPS Connection Review	Tetra Tech assisted USAID in exploring the concepts and possible roles for the US Government to develop options for affecting a tactical tie-in of NEPS to City of Kandahar for 30-megawatts of power transfer on a 220-kV transmission line.
WO-A-0053	ACEP Report Review	Tetra Tech provided technical support services that included a review of the ACEP Energy Efficiency Assessment Report dated August 2, 2010.
WO-A-0055	NLCC 90% Design Review	Provided Design Review of all disciplines of 90% Design package.
WO-A-0057	NEPS-Kandahar Construction Plan	Tetra Tech provided planning services that included developing a simplified construction plan to build the NEPS transmission line extension to Kandahar. The main purpose of this activity was to identify enough information to the ISAF Joint Command so that they can make an analysis of the security requirements they might need to protect the work in the field.

<p align="center">Table 4-1 FY 2011 Q1 Active Work Order Summary Afghanistan Engineering Support Program IQC: Task Order 01 - EDH-I-00-08-00027-00 USAID Technical Office: USAID/Office of Infrastructure, Engineering, and Energy (OIEE) Reporting October 1, 1020 Thru December 30, 2010</p>		
Work Order Number	Work Order Title	Summary of Work Completed FY2011 Q1
WO-A-0058	Afghan Standardization	Ongoing investigation into the development of Afghan national construction standards and initiate a report with recommendations to USAID regarding adoption of those standards by OIEE
WO-A-0059	Parwan Road Village Electrification	Tetra Tech provided design activities that included identifying village power requirements for villages along the Parwan Road between Chimtala and Charikar for immediate CERP funding actions by RC-East. Developed a BOQ for each village.
WO-A-0060	Embassy Biodigestion Study	Conducting a brief study of best practices in large-scale municipal waste biodigestion.
WO-A-0061	Bamyan Dam Study	Tetra Tech conducted a field investigation and prepared a site assessment field report with the findings.
WO-A-0062	FOHE Schematic Design Review	Provided schematic level electrical design review comments to USAID.
WO-A-0063	Topchi Hydropower Plant Canal Review	A review of the Topchi Hydropower Plant Canal Project, designed by Winrock, was conducted.
WO-A-0064	Sufyane Village Electrification	Tetra Tech provided design activities that included identifying village power requirements for Sufyane Village immediate CERP funding actions by RC-East. Developed a BOQ for each village.
WO-A-0065	Pre-Award Survey of Afghan Construction Companies	Completed a Pre-Award Survey of two construction companies in Kabul.
WO-A-0066	Sardar Roof Design Review	Provided structural design review for the roof design.
WO-A-0067	Ghazi Admin Bldg Design Review	Provided Design Review of all disciplines of 100% Design package.
WO-A-0068	USAID Plan Filing	Tetra Tech inventoried the paper-plans at OIEE and developed a database of the inventory.
WO-A-0069	Construction Principles Guidelines	Tetra Tech developed a guidance document to strengthen coordination efforts between parties involved in construction primarily in sectors of construction contracting, design, and quality assurance/quality control. Additionally, this document outlines general construction principles, practices, and standards.
WO-A-0070	100% NLCC Design Review	Provided Design Review of all disciplines of 100% Design package.
WO-A-0071	PTTC Water Tower Review	Tetra Tech is providing a constructability review of the CHEF Program PTTC water tower design.
WO-A-0072	File Transfer Services	Assisting USAID with downloading project files of FTP sites and creating CD copies of the files.
WO-LT: Long Term Work Orders⁽²⁾		
WO-LT-0001	Regional and Provincial Training Centers Concept and Final Design	Final plans for Regional and Provincial Training Centers submitted. Specific sites to be determined by USAID & ACSI, with site development packages to follow.
WO-LT-0004	MoPH Design Management: Extension of Staff Services & Design Reviews	Ongoing Project Management support throughout the design process; coordination with OIEE & design team. Review of Phase I building design documents and kick-off of the Environmental Impact Assessment.

<p align="center">Table 4-1 FY 2011 Q1 Active Work Order Summary Afghanistan Engineering Support Program IQC: Task Order 01 - EDH-I-00-08-00027-00 USAID Technical Office: USAID/Office of Infrastructure, Engineering, and Energy (OIEE) Reporting October 1, 1020 Thru December 30, 2010</p>		
Work Order Number	Work Order Title	Summary of Work Completed FY2011 Q1
WO-LT-0005	Ghazi Boys High School (GBHS) Utility Construction Documents	Tetra Tech completed design work including site grading and utility drawings and specifications as well as the 95% Site Structural for the Administration Building. Coordination with USAID and UNOPS throughout the design and construction phases.
WO-LT-0006	SGHS Utility Construction Documents	Coordinated with USAID and UNOPS to begin finalize site grading, drainage, and utility plans. Finalize the design of an elevated water storage tank to serve the school.
WO-LT-0007	QA Oversight SPR - Southern & Eastern Afghanistan	QA Monitors made site visits to Roads 2,4,5,8 9A/9B,11, & 41. Staff coordinating with IRD to continue making site visits to balance of ongoing road projects in SPR Program.
WO-LT-0008	LAMPs for Maimana & Faizabad Airport	Prepared the Limited Airport Master Plans for Faizabad and Maimana airports.
WO-LT-0009	PRT Field Support	Tetra Tech traveled to Khost in preparation for concept designs.
WO-LT-0012	Pul-e-Khumri (PK) to Chimtala Transmission Line	Tetra Tech is providing conceptual design services for the PK and Chimtala electric transmission line upgrade.
WO-LT-0013	Three Towers Project	Design and construction services were provided for an 80-meter communication tower for communications systems such as microwave transmitters, TV, radio, and cell phone transmitters.
WO-LT-0015	Kabul University Men's Dormitory Construction Inspection and DFAC Design Review	Provided third party QC for DFAC, Laundry, and Men's Dormitory. Construction Technical support and Field Observation duties ongoing.
WO-LT-0021	Selected NEPS Transmission Line Field Investigation	Project kicked off 12/23/10.
WO-LT-0022	Power Reliability Study (US Embassy, USAID)	Project kicked off 12/23/10.
WO-LT-0023	Afghanistan Electrical Transmission & Generation Study	Project kicked off 12/23/10.
WO-LT-0024	Kud Bergh (Mazar) 48MW Power Plant Field Investigation	Project kicked off 12/23/10.
WO-LT-0025	RC-East Villages Electrification	Tetra Tech provided design activities that included identifying village power requirements for villages along the Parwan Road between Chimtala and Charikar for immediate CERP funding actions by RC-East. Developed a BOQ for each village.
WO-LT-0029	Maimana and Faizabad Airport 3rd Party QA	Completed the 3 rd party QA site visit for Maimana Airport and obtained and QA reviewed QC test results from GHI and KNK construction contractors for the Maimana and Faizabad Airports, respectively.
WO-LT-0030	Sheberghan 200MW Power Plant Feasibility Study	Project kicked off 12/23/10.
WO-LT-0031	Concept Design for Three 20-kV Lines	Project kicked off 12/23/10.

Notes (#):

- (1) Work Orders with anticipated level of effort of 18-mandays or less
- (2) Work Orders that are planned to equal more than 18-mandays

5.0 FY2011 Q2 Initiatives

5.1 Existing Long Term Work Orders

Efforts will continue on numerous long term work orders in the all five sectors. The following sections describe the anticipated activities for FY2011 Q2 under Long Term Work Orders:

5.1.1 Energy

Second quarter 2011 work in the energy sector is expected to include the continuation of the long-term study of the electrical transmission and generation system in Afghanistan (WO-LT-0023), substantial completion of the field investigation of the 48-MW Kud Bergh power plant in Balkh province (WO-LT-0024), and the substantial completion of the feasibility study for a 200-MW gas fired power plant in Jowzjan province (WO-LT-0030).

The study of the transmission line from Pul-e-Khumri to Chimtala is also expected to be completed in FY2011Q2.

Regarding the improvements to the electrical distribution system in Kabul and nearby provinces, the 20-kV feeder extensions from primary unit substations to areas that will eventually receive new commercial service concept designs should be completed and moved into construction phases. Village electrification from these 20-kV feeders to thousands of individual customers will be ongoing with concept designs completed and ESDC services being provided. The study about how to provide highly reliable power to the US Embassy compound and the USAID compound from the commercial electrical distribution system will be ongoing (WO-LT-0022).

The field investigation of selected transmission lines, including the Mazar-e-Sharif to Sheberghan line, is not expected to be completed until FY2011Q3.

5.1.2 Vertical Structures

Site Development packages for the prototype regional and provincial Afghanistan Civil Service Institute training facilities will be ongoing. This work will include development on four sites throughout Afghanistan and will begin with geotechnical and survey studies. Kabul University Men's Dormitory renovation mechanical, electrical and plumbing design reviews will be performed along with Quality Control and technical oversight. The MoPH (WOLT-0004) work order will require ongoing project management services through the remainder of the building design and site development process and provide multi-discipline construction design drawing reviews of plans prepared by others. An environmental impact assessment investigation will also occur in Q2.

5.1.3 Water and Sanitation

The Ghazi Boys High School site grading and utilities contract is currently under construction. Tetra Tech will continue to provide services during construction of this project, to including submittal review, meeting attendance, RFI responses, etc. The construction duration for this project is estimated to be approximately 4 months.

Tetra Tech will also provide services during construction for the Sardar Girls' School for a construction duration estimated to be approximately six months. It is not known when this project will be awarded and construction will get underway.

To date, Tetra Tech has not discussed any further design work on water and sanitation projects with USAID. Other projects such as the Regional and Provincial Training Centers (WO-LT-0001) may involve sitework and utilities design if a training center design is to be adapted to a specific site.

5.1.4 Water Resources

In 2011, Tetra Tech expects to provide continuing water resources and related civil and geotechnical engineering services on several Water Resources-related project work orders. At the further request of USAID/OIEE, Tetra Tech expects to participate in continuing feasibility-level design-base studies for several of the USAID/OIEE final-selected dam and reservoir project sites located in the Bamyan Province, to include performing detailed geologic/geotechnical field investigations at the selected multipurpose dam and reservoir sites, including those for hydropower generation, in addition to providing/performing related civil engineering design-base input and/or studies.

Tetra Tech also expects to provide an additional design review for Winrock International's recently-prepared design report and construction drawings for the proposed Topchi Small Hydroplant Facilities Project design component (1000-KW capacity). Later, further design review may also be requested of Tetra Tech for the pending Topchi Small Hydroplant Diversion Dam and Intake Works Structure component parts of the overall total project.

Additionally, Tetra Tech may also provide continued work efforts on the feasibility-level design studies planned for by the USAID/OIEE-proposed Sarobi II Hydroelectric Dam Project located in the eastern part of the Kabul River Basin in Afghanistan.

5.1.5 Transportation

Work in the Transportation sector will continue on the SPR and Airport programs.

5.1.5.1 WO-LT-0007 Strategic Provincial Roads (SPR) Program

As part of the Capacity Building component under the SPR Program a winter training program in construction management will be delivered at Kabul University by IRD and other construction industry experts. The winter is a good time to take advantage of the construction slow down to conduct the training. The Tetra Tech QA Monitors will attend the training from late January 2011 to early March 2011. They will be required to take courses that cover construction management, safety, anti-corruption and business code of conduct along with several other elective subjects. Upon completion of seven modules the monitors will earn a certification in construction management.

Tetra Tech and IRD will continuously coordinate site visits of Tetra Tech QA monitors to the various SPR projects. Site visits will be made at a frequency 1 to 2 times per month for the unpaved roads throughout the eastern and southern provinces of Afghanistan. The frequency of the visits will be contingent upon the progress of work and the status of security at the project sites.

5.1.5.2 WO-LT-0009 PRT Support – Khost Bridge

For a location in Khost Province, Tetra Tech will develop conceptual documents and BOQs detailing three different bridge designs. The three designs include box culverts, flat slab bridge superstructure supported on solid piers and abutments, and reinforced concrete deck beam with reinforced concrete deck slab supported on solid piers and abutments. The different designs will assist USAID/Khost PRT in determining which design is most cost effective. If funding can be secured, Tetra Tech will follow-up with final design documents.

5.1.5.3 WO-LT-0029 Maimana and Faizabad Regional Airports

Tetra Tech project personnel will continue site visits to the Maimana and Faizabad Regional Airports to provide third-party QA and technical review services to USAID and FAA. Tetra Tech will continue to assess and address the site drainage and project earthworks, the as-constructed runway profiles. The placed and compacted base course and sub-base materials will be inspected to check that the surfaces are of sufficient quality to allow for the paving of the runways, taxiways, and aprons. The site visits will be scheduled to coincide with the milestone activities set forth in the project schedules that have been presented to Tetra Tech by the individual airport construction contractors.

5.2 Pending Work Orders

Vocational Training Center (VTC) Green Design
(WO-LT-0014):

Under this long term work order, Tetra Tech is requested to prepare construction plans from already produced concept design plans for the VTC building. As part of the final design, Tetra Tech would focus on green/sustainable building design components.

Tara Kheyl School Site Civil
(WO-LT-0018):

The scope of this long term work order is to provide a 100% construction drawing site design package, with technical specifications, including existing utilities, new water well, site boundary/topographic survey, and geotechnical report for the new Tara Kheyl Girl's School Building.

Sheberghan Gas Field Well Development, Gas Transmission Line Engineering
(WO-LT-0020):

The Sheberghan gas field is located 150 KM West of Mazar-i-Sharif where the Soviet Union developed a natural gas field with a gas transmission line out of the field which ends near Mazar-i-Sharif. Most of the field's gas is high in sulfur (sour gas) and production capability is unknown. TetraTech has subcontracted with Wills Brothers, a well known natural gas exploration company, to determine the economic viability of infrastructure repairs or new facilities to develop the gas field into an energy production center. The funding for the other infrastructure is contingent upon the ability to quantify the field's ability to produce natural gas.

NEPS to SEPS Connection Review
(WO-LT-0026)

The scope of this energy long term work order is currently being developed for Tetra Tech to provide planning and design services for the North East Power System (NEPS) to South East Power System (SEPS) electrical transmission line connection.

Bamyan Dam Study
(WO-LT-0027)

This long term work order is a continuum of WO-A-0061 under which Tetra Tech visited several dam sites in Bamyan. The objective of this SOW is for Tetra Tech to provide technical support services to assist USAID in determining optimum dam and reservoir location(s) to best serve the needs of the people of Bamyan Province.

Sarobi II Dam Study
(WO-LT-0028)

The scope of this long term work order is currently being developed (upon further direction from USAID) to conduct a feasibility-level design study for the proposed Sarobi II Hydroelectric Dam Project.

KHP QA Oversight
(WO-LT-0032)

This long term work order is in response to the USAID request for Tetra Tech to provide quality assurance (QA) oversight services for the SEPS Upgrade Program. A SOW is currently being developed to provide QA services for Kandahar per distribution system improvements, the rebuild of the Durai Junction substation, the Kandahar Industrial Park diesel power plant, improvements to the Kajaki Dam substation and Kajaki Unit 2 installation and commission.

USAID/OAA Claims Assistance
(WO-LT-0033)

USAID Contracting Officer has requested Tetra Tech prepare a SOW for a long term work order to assist the OAA in processing Contractor claims. The anticipated scope of this long term includes:

- a. Determining claims were submitted in a timely manner.
- b. Determining that the required certifications are provided.
- c. Determining the validity of the claim with respect to merit.
- d. Identifying potentially fraudulent claims.
- e. Preparing recommendations to the CO to aid in determining the CO's decision.

6.0 Financial

FY 2010 contract MOD activity increased the obligated funding to [REDACTED] through a series of MODs. Four modifications; MOD 4, MOD 5, MOD 6 and MOD 8; addressed additional staffing requested by USAID, staffing and resource needs for WOLT-0008 (LAMPs), and revised the Labor Categories and Work Days Ordered (LOE) of the Task Order. MOD 8 moved funds from the contract years 3 through 5 and into years 1 and 2. No contract MODs were processed in Q1 of FY2011.

USAID originally requested a "reinstatement" MOD to restore the funds for years 3 through 5 by discipline, labor category and work days. The "reinstatement" MOD will now be evaluated in February 2011.

6.1 Invoices, Projected Burn Rates, and Reach Back Usage

Table 6-1 AESP Expenditures and Burn Rate		
Cumulative Expenditures through September 24, 2010		
October 2011 (Actual)		
November 2011 (Actual)		
December 2011 (Estimated)		
Total FY2011 Q1 Expenditures		
Cumulative Expenditures through December 31, 2010		
Current Estimated Average Burn Rate per Month		

6.2 Contract/Task Order Issues

Status of Obligated Funds: Based on the current billing and projected burn rate, the [REDACTED] in Obligated Funding will be exhausted in mid-August 2011.

Level of Effort Summary: As of December 26, 2010; 3,490 reach back man-days and 7,951 in-country man days for a total 11,441 man days were expended. The estimated approved LOE (reference MOD 8) through FY2011 Q1 was 2,729 reach back man-days and 20,035 in-country man days for a total 22,764 man days budgeted. Additional home office support budget will be requested based upon actual work load to date.

Appendix A

Work Order Status

Afghanistan Engineering Support Program

IQC: Task Order 01 - EDH-I-00-08-00027-00

USAID Technical Office: USAID/Office of Infrastructure, Engineering, and Energy (OIEE)

Revised January 1, 2011 (Reporting Thru December 26, 2010)

Energy
Water Resources
Vertical Structures
Transportation
Water and Sanitation
Multi-Disciplinary
USAID Technical Support

Program Type ⁽³⁾	Work Order Number	Description	Status ⁽⁴⁾	Estimated Cost (ROM)	In Country Cost to Date ⁽⁵⁾	Reach Back Cost to Date ⁽⁵⁾	Total Cost to Date ⁽⁵⁾	Total Hours
WO-A: Administrative Work Orders⁽¹⁾								
W/S	WO-A-0001	Review Kabul Water Study	Complete	NA	█	█	█	111.00
W/S	WO-A-0001A	Review of Kabul Water MTP-1 Bid Docs	Complete	NA	█	█	█	139.75
VS, E, & W/S	WO-A-0002	Review of AUAF Master Plan Infrastructure	Complete	NA	█	█	█	73.00
VS, E, & W/S	WO-A-0002A	AUAF Master Plan Rev & SOW/ROM	Complete	NA	█	█	█	54.50
W/S	WO-A-0003	GBHS Sanitation	Complete	NA	█	█	█	60.50
E	WO-A-0004	GBHS Electrical	Complete	NA	█	█	█	753.00
W/S	WO-A-0005	GBHS Water Supply	Complete	NA	█	█	█	42.50
W/S	WO-A-0006	Sardar GHS Sanitation	Complete	NA	█	█	█	1.50
E	WO-A-0007	Sardar GHS Electrical	Complete	NA	█	█	█	0.00
W/S	WO-A-0008	Sardar GHS Water Supply	Complete	NA	█	█	█	0.50
E	WO-A-0009	Integration of Nangarhar into NEPS	Complete	NA	█	█	█	116.00
TS	WO-A-0010	Review of BS-25 Draft Position	Complete	NA	█	█	█	2.00
E	WO-A-0011	HFO Feasibility for Tarakhil Power Plant	Complete	NA	█	█	█	112.50
TS	WO-A-0012	Position Advertisements	Complete	NA	█	█	█	13.00
E	WO-A-0013	Third Party MEP Review of IOM 20 Bed Hospital	Complete	NA	█	█	█	108.00
TS	WO-A-0014	Construction Equipment Costs	Complete	NA	█	█	█	15.00
E	WO-A-0015	MOT Electrical	Complete	NA	█	█	█	5.75
VS	WO-A-0016	AUAF Board of Trustees Support	Complete	NA	█	█	█	201.50
VS	WO-A-0017	Faculty of Education	Complete	NA	█	█	█	71.50
WR	WO-A-0018	Dam #1 Review for Pul-e-Khumri	Complete	NA	█	█	█	61.25
WR	WO-A-0019	Dam #2 Review for Pul-e-Khumri	Complete	NA	█	█	█	82.25
E	WO-A-0020	SEPS Additional Work	Complete	NA	█	█	█	0.50
VS	WO-A-0021	MoEW VTC Rehab Drawing Review	Complete	NA	█	█	█	74.50
VS	WO-A-0022	50 Bed Wmn Hosp Drawing Review	Complete	NA	█	█	█	76.50
TS	WO-A-0023	Data Collection for Afghan Contractors Capacity Building	Complete	NA	█	█	█	127.50
WR	WO-A-0025	Kajaki Dam	Complete	NA	█	█	█	80.00
T	WO-A-0026	Environmental Haz Waste Assessment	Cancelled	NA	█	█	█	0.00
E	WO-A-0027	National Electric Distribution Work Unit Quantity Model	Complete	NA	█	█	█	131.00
VS	WO-A-0028	IOM 50 BH Samangan Geotech Review	Complete	NA	█	█	█	16.00
VS	WO-A-0029	CHEF PTTC Drawing Review	Complete	NA	█	█	█	86.50
VS	WO-A-0030	ISD-DGA Proposal Review	Complete	NA	█	█	█	24.00
VS	WO-A-0031	100 BH IQC Comparison ROM	Complete	NA	█	█	█	68.50
WR	WO-A-0032	Pul-e-Khumri Cost Estimate	Complete	NA	█	█	█	109.00
VS	WO-A-0033	MoPH Complex Structural Design Review	Complete	NA	█	█	█	43.00
WR	WO-A-0034	Kajaki Dam SOW	Complete	NA	█	█	█	144.50
VS	WO-A-0036	AUAF 3D CDR Presentations	Complete	NA	█	█	█	100.50

Program Type ⁽³⁾	Work Order Number	Description	Status ⁽⁴⁾	Estimated Cost (ROM)	In Country Cost to Date ⁽⁵⁾	Reach Back Cost to Date ⁽⁵⁾	Total Cost to Date ⁽⁵⁾	Total Hours
T	WO-A-0037	Doshi to Salang Tunnel Pavement Design Review	Complete	NA	█	█	█	122.00
E	WO-A-0038	Execution Plan for RC-East and Nangarhar Elec Power Distribution Program	Complete	NA	█	█	█	89.00
WR	WO-A-0039	Kajaki Dam Cost Review	Complete	NA	█	█	█	141.00
TS	WO-A-0040	Power Point Presentation	Complete	NA	█	█	█	7.00
VS	WO-A-0035	Vertical Structures Best Practices Document Outline	Cancelled	NA	█	█	█	0.00
VS	WO-A-0041	AVIPA Raison Drying Bed Review	Cancelled	NA	█	█	█	0.00
VS	WO-A-0042	AVIPA Processing Plant Review	Complete	NA	█	█	█	31.00
WR	WO-A-0043	Shahtoot and Sarobi II Dam Review	Complete	NA	█	█	█	144.50
VS, E, & W/S	WO-A-0044	Kabul University DFAC and Laundry 35% Design Review	Complete	NA	█	█	█	105.50
T	WO-A-0045	Chagcharan Airport Site Visit	Complete	NA	█	█	█	91.50
T	WO-A-0047	Technical Review Maimana & Faizabad Airport	Complete	NA	█	█	█	133.00
TS	WO-A-0048	Action Memo SGFDP	Complete	NA	█	█	█	2.00
WR	WO-A-0049	Badakshan Bridge Independent Review	Complete	NA	█	█	█	131.00
TS	WO-A-0050	USAID DVD/CD Filing	Complete	NA	█	█	█	26.50
VS	WO-A-0051	MOT Electrical Phase II Drawing Review	Complete	NA	█	█	█	23.00
E	WO-A-0052	NEPS-SEPS Connection Review	Complete	NA	█	█	█	108.50
E	WO-A-0054	NLCC 30% Electrical Design Review	Complete	NA	█	█	█	26.00
VS	WO-A-0055	NLCC 90% Design Review	Complete	NA	█	█	█	69.50
VS	WO-A-0056	LGCDNA070 Communications Tower Review	Cancelled	NA	█	█	█	0.00
E	WO-A-0057	NEPS-Kandahar Construction Plan	Complete	NA	█	█	█	51.50
WR	WO-A-0061	Bamyan Dam Study	Complete	NA	█	█	█	150.50
VS	WO-A-0062	FOHE Schematic Design Review	Complete	NA	█	█	█	10.00
WR	WO-A-0063	Topchi Hydropower Plant Canal Review	Complete	NA	█	█	█	144.00
TS	WO-A-0065	Pre-Award Survey of Afghan Construction Companies	Complete	NA	█	█	█	19.00
TS	WO-A-0024	Afghan First COP Meetings	Open	NA	█	█	█	1.00
E	WO-A-0046	Jalalabad Elec Power Distribution	Open	NA	█	█	█	29.50
E	WO-A-0053	ACEP Report Review	Open	NA	█	█	█	45.50
TS	WO-A-0058	Afghan Standardization	Open	NA	█	█	█	29.50
E	WO-A-0059	Parwan Road Village Electrification	Open	NA	█	█	█	95.00
W/S	WO-A-0060	Embassy Biodigestion Study	Open	NA	█	█	█	16.00
E	WO-A-0064	Sufyane Village Electrification	Open	NA	█	█	█	87.50
VS	WO-A-0066	Sardar Roof Design Review	Open	NA	█	█	█	50.00
VS	WO-A-0067	Ghazi Admin Bldg Design Review	Open	NA	█	█	█	122.50
TS	WO-A-0068	USAID Plan Filing	Open	NA	█	█	█	16.50
VS	WO-A-0069	Construction Principals Guidelines	Open	NA	█	█	█	39.00
VS	WO-A-0070	100% NLCC Design Review	Open	NA	█	█	█	34.00
VS	WO-A-0071	PTTC Water Tower Review	Open	NA	█	█	█	102.50
TS	WO-A-0072	File Transfer Services	Open	NA	█	█	█	0.00

WO-LT: Long Term Work Orders⁽²⁾

VS	WO-LT-0001	Regional and Provincial Training Centers Concept and Final Design	Open	█	█	█	█	5614.50
VS, E, & W/S	WO-LT-0002	AUAF Concept Design	Complete	█	█	█	█	4626.00
VS	WO-LT-0003	Prototype Garage 100% Design	Void	█	█	█	█	0.00
W/S, E	WO-LT-0004	MoPH Design Management: Extension of Staff Services & Design Reviews	Open	█	█	█	█	1300.00

Program Type ⁽³⁾	Work Order Number	Description	Status ⁽⁴⁾	Estimated Cost (ROM)	In Country Cost to Date ⁽⁵⁾	Reach Back Cost to Date ⁽⁵⁾	Total Cost to Date ⁽⁵⁾	Total Hours
W/S, E	WO-LT-0005	GBHS Utility Construction Documents	Open					4044.50
W/S, E	WO-LT-0006	SGHS Utility Construction Documents	Open					3360.25
T	WO-LT-0007	QA Oversight SPR - Southern & Eastern Afghanistan	Open					2813.00
T	WO-LT-0008	LAMPs for Maimana & Faizabad Airport	Complete					1359.50
T	WO-LT-0009	PRT Field Support	Open					734.50
VS	WO-LT-0010	MOPH Drawings Review	Cancelled		\$0	\$0	\$0	0.00
E	WO-LT-0011	Tarakhil Start-Up Inspection	Cancelled		\$0	\$0	\$0	0.00
E	WO-LT-0012	PK to Chimtala Transmission Line	Open					536.00
VS	WO-LT-0013	Three Towers Project	Complete					2813.00
VS	WO-LT-0015	Kabul University Men's Dormitory Construction Inspection and DFAC Design Review	Open					786.00
E	WO-LT-0016	Kandahar 10 MW Solar	Cancelled	NA	\$0	\$0	\$0	0.00
T	WO-LT-0019	US Embassy Air Facility Construction QA	Cancelled					0.00
E	WO-LT-0021	Selected NEPS Transmission Line Field Investigation	Open					0.00
E	WO-LT-0022	Power Reliability Study (US Embassy, USAID)	Open					0.00
E	WO-LT-0023	Afghanistan Electrical Transmission & Generation Study	Open					0.00
E	WO-LT-0024	Kud Bergh (Mazar) 48MW Power Plant Field Investigation	Open					0.00
E	WO-LT-0025	RC-East Villages Electrification	Open					154.00
T	WO-LT-0029	Maimana and Faizabad Airport 3rd Party QA	Open					90.00
E	WO-LT-0030	Sheberghan 200MW Power Plant Feasibility Study	Open					0.00
E	WO-LT-0031	Concept Design for Three 20-kV Lines	Open					0.00
W/S	WO-LT-00xx	Bio Sand Filter	Cancelled					0.00
T	WO-LT-00xx	Herat-Chaghcharan Road Illustrative Task Order	Cancelled		\$0	\$0	\$0	0.00
VS	WO-LT-00xx	AEIC Building Construction Drawings	Cancelled		\$0	\$0	\$0	0.00
Pending Work Orders								
VS	WO-LT-0014	VTC Green Design	Pending	TBD	\$0	\$0	\$0	0.00
VS	WO-LT-0018	Tara Kheyli School Site Civil	Pending		\$0	\$0	\$0	0.00
E	WO-LT-0020	Sheberghan Gas Pipeline Upgrade Assessment	Pending	TBD	\$0	\$0	\$0	0.00
E	WO-LT-0026	NEPS to SEPS Connection Review	Pending	TBD	\$0	\$0	\$0	0.00
WR	WO-LT-0027	Bamyan Dam Study	Pending		\$0	\$0	\$0	0.00
WR	WO-LT-0028	Sarobi II Dam	Pending	TBD	\$0	\$0	\$0	0.00
E	WO-LT-0032	KHP QA Oversight	Pending	TBD	\$0	\$0	\$0	0.00
TS	WO-LT-0033	USAID/OAA Claims Assistance	Pending	TBD	\$0	\$0	\$0	0.00
WR	WO-A-0073	Topchi Electro Mechanical Review	Pending	TBD	\$0	\$0	\$0	0.00

Notes ^(#):

- (1) Work Orders with anticipated level of effort of 18-mandays or less
- (2) Work Orders that are planned to equal more than 18-mandays
- (3) Program Type: Technical Support (TS), Energy (E), Transportation (T), Vertical Structures (VS), Water/Sanitation (W/S) or Water Resources (WR)
- (4) Status: Pending Approval, Open, or Complete
- (5) Labor, expenses, OH, GA, and fee.

Project Issues Summary

Project Issues Summary		Key		
	R	●	Issue requires direction or is behind schedule.	
Afghanistan Engineering Support Program (AESP)	Y	●	Issue is proceeding but clarification or direction is required for completion.	
UPDATED: 2 January, 2011 By: [REDACTED]	G	●	Issue is proceeding and is expected to be completed on schedule.	
Issue	Status		Action Required	
CONTRACT PLANS				
Annual Work Plan	G	●	Draft Year 2 Work Plan Submitted 9/1/10. TT submitted final 10/12/10. Year 3 Work Plan Due 9/1/11.	No action required
PMP (Performance Monitoring Plan)	G	●	Final PMP submitted 4/3/2010. USAID requested revisions 10/16/10 and met with TT on 11/6. TT submitted draft 11/20/10. Sector PMP forms submitted 11/22/10.	POC Reviews of Sector PMP Forms and COTR Review and Comment of revised PMP
Quarterly Progress Reports	G	●	Draft Q3 Quarterly Report submitted 7/10/10. TT finalized Q3 Report 7/22/10.	Next quarterly report due 1/10/11
Annual Report for Each FY	G	●	TT submitted Draft 11/1/10 and received verbal comments from COTR 11/9/10. TT submitted Final 11/13/10.	No action required
PSC - Karzai Decree	G	●	TT COP submitted response on 9/30 as requested by USAID CO. 11/2/10 USAID provided Excel sheet to complete and submit. USAID indicated that there is currently a "communications block-out" and more information should be forthcoming the week of 11/15.	No action required
Armored Vehicles	G	●	Tetra Tech requested to purchase 3-armored vehicles on 7/10/10. TT received approval of GFE vehicles from USAID 11/4/10. Vehicles to be available after 12/1/10. Transfer of vehicles occurred 12/29/10	TT to arrange registration and vehicle servicing.
CAC Cards	R	●	CAC Cards discussed at contracts meeting 7/27/10. TT received SPOT Coordinator Info 7/28/10. TT sent a list of leads and long term expats to USAID 8/6/10. TT received USAID letter to use DoD DEER stations. Issue: Data entry issues. COP emailed [REDACTED] (USAID SPOT coord) on 9/6/10 on status.	OAA to follow up with [REDACTED] in Washington. This is becoming an issue with Tetra Tech completing Work Orders.
Subcontractor and Purchase Limit for Consent	G	●	CO approved \$25K Micro-purchase, RFP required for amount over \$25K, and CO consent needed for amount over \$150K.	No action required
Financial				
Status of Obligated Funds and Budget Approval	G	●	"Reinstatement" MOD proposal submitted 7/23/10. USAID suggested that TT not prepare this MOD and reevaluate LOE in 6-months (Feb-2011). Recent LOE changes discussed at meeting on 9/27.	No action required
Contract Expenditure Status	G	●	At the current expected burn rate, the current obligated funding ([REDACTED]) is expected to be depleted early December 2011.	TT to provide next burn rate 1/11/11.
Quarterly Accruals	G	●		TT to provide next quarterly billing and burn 3/15/11.
1420s & Staffing Approval				
1420 Approvals for Tetra Tech Employees and Sub-Consultants	G	●	Updated 1420 Status List submitted to OIEE 12/19/10.	OAA action required on 10. (T-0058, T-0073, T-0074, T-0077, T-0078)
Base Contract Staff				
COP Transition Confirmation Letter	G	●	Letter submitted 10/13/10	OAA receipt confirmation
Misc Items				
Success Stories (Periodic)	G	●	TT received examples from COTR 11/7/10. TT revised and submitted 2 stories to discuss and met with DCO 11/24.	TT to submit 2 revised stories by 1/31/10.

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