

PROJECT OVERVIEW

LOGCAP IV TO 13 Africa – Ebola Treatment Units (ETU), Liberia

In support of the Ebola outbreak in Liberia, The AIM Group provided TCN, LN, and Expat personnel to support camp construction of force protectors, camp operations and maintenance, transportation, and life support activities (LSA) at six locations across Liberia. AIM was able to mobilize and deploy personnel within 10 days from NTP. LSA included food services and dining facilities operations, billeting, bulk water supply, and routine and primary care medical services for AIM's personnel. AIM's SOW in Liberia was to construct and erect a number of Force Provider Camps to be used by US Military personnel. SOW included site grubbing, grading and installation of gravel ground cover. We employed over 150 local nationals (LN) and our management personnel consisted of U.S. and Jordanian nationals.

Due to the high risk nature of this project, project- and location-specific training for Ebola was provided and extra precautions were implemented to protect that health and safety of all personnel including LNs that traveled to the work site each day. All AIM personnel including TCNs, LNs, and Expats were monitored daily for symptoms of Ebola which included temperature readings every morning and every evening. Extra safety precautions were established to include the use of PPEs specific to work in Ebola infected regions such as wearing double gloves 100% of the time when outside personal lodging, wearing safety glasses 100% of the time when outside of personal lodging, maintaining a distance of three feet from others, and avoiding public places and modes of transportation other than that provided by AIM. As result of AIM's precautions, we maintained a healthy workforce with no incident or infection.

Medical Waste

As part of the O&M services, AIM's personnel were responsible for handling Category A medical waste in strict compliance with the US DOT Hazardous Materials Regulation (HMR, 49 CFR, Parts 171-180). Medical waste consisted of medical equipment, sharps, linens, and used health care products, such as soiled absorbent pads or dressings, kidney-shaped emesis pans, portable toilets, used PPEs to include gowns, masks, gloves, goggles, face shields, respirators, and booties, and by products from cleaning infected areas. All waste that was contaminated or suspected of being contaminated with a Category A infectious substance was handled in strict accordance with the site-specific Medical Emergency Response Plan (MERP). Medical waste was collected in specialized containers, then carefully transported to an onsite incinerator for destruction. At all times, special PPEs were mandatory including the use of impermeable leather outer gloves, medical-grade inner gloves, head gear, fluid resistant masks,

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Ebola Treatment Units
(ETU), Liberia



Contract Period of Performance

11/20014 – 03/2015

Contract Number

L4CP-013-P0035

Value at Start

\$500,000

Final/ Present Value

\$1.1M (Client added scope)

Client Name

Fluor Government Group

Customer Name/Contact

U.S. Army

+1 864 243 6098

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Total Personnel

150 LNs

LNs Time between NTP and First Personnel Deployed

10 days

Types of Labor Provided

- Work Control Supervisors / Specialists
- Carpenters and Plumbers
- Electricians and HVAC Technicians
- Power Generation Technicians
- Foremen / General Laborers
- Janitors / Vector Control Technicians
- Water Supply Technicians
- MHE Operators
- Equipment Mechanics
- Material Control Specialists
- Camp O&M Personnel

Countries Where Labor was Recruited

USA, Jordan, Liberia

goggles, impermeable footwear, boot covers made of TYVEK and/or similar material, and protective clothing including disposable coveralls made of a TYVEK-type material. Waste was carefully loaded into the incinerator and reduced to ash.

Operations and Maintenance Services

AIM's personnel provided operations and maintenance outside of the patient care areas. O&M services included the provision of potable and palatable water, black/grey water removal, HVAC and generator maintenance, and regular cleaning/groundskeeping. Specific to this contract, we provided additional and regular cleaning and sanitizing of all areas that may have been infected with the virus such as door knobs, hand rails, sink faucets, and other common surfaces. The areas were cleaned with a U.S. Environmental Protection Agency (EPA)-registered hospital disinfectant with a label claim for any of the "no enveloped" viruses, such as norovirus, rotavirus, adenovirus, poliovirus.

Latrines were cleaned after each use. Toilets made of hard, non-porous surfaces were cleaned and sanitized after each use using an EPA-registered hospital disinfectant with a label claim for any of the "no enveloped" viruses or a 0.5% chlorinated water solution. Toilets with porous surfaces were stocked with a single use covering that fluids could not penetrate and that could be disposed of in the toilet after use.

Handwashing stations were also regularly cleaned throughout the day to ensure that they were always in a clean and sanitary condition, and water temperatures were checked regularly to ensure water was tepid. AIM's staff stocked the hand wash stations throughout the day with soap and alcohol-based hand sanitizer dispensers.

Life Support Activities

AIM provided life support services for our Expat, TCN and LN personnel. Housing was procured for Expat and TCN staff and daily transportation to and from the work site was provided as well as meals.

Project Description

- Subcontractor, 100% Self-Performed
- Supported the construction of five Force Provider Camps and six Ebola Treatment Units across Liberia
- Established a workforce vetting process unique to Liberia to validate trade skills/education and clear background
- Constructed ETUs in accordance with WHO design concepts, which includes Red (hot) and Green areas
- Provided O&M services for non-patient treatment areas IAW project-specific sanitation requirements
- Operated LSA services to support AIM personnel including DFAC, Billeting, Laundry, camp O&M
- Supported ETU decommissioning of facilities

Project Highlights

- 2 TCN and Expat, management personnel
- 6 locations across Liberia supported
- 5 Force Provider Camps
- 6 ETU (Ebola Treatment Units)
- 150 hot meals procured daily for LN workforce
- 12x7 operations were provided



LOGCAP IV, TO 13,
Ebola Treatment Units
(ETU), Liberia



Scope of Work

- Site Development
- Camp Construction & Maintenance
- Procurement
- Logistical Services
- Life Support Activities
- Camp Operations & Maintenance
- DFAC/Food Services
- Transportation



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The AIM Group

0UA September 2014 - March 2015

In appreciation of your dedication and tireless effort supporting the Fluor OUA TEAM that supported the U.S. Joint Force Command endeavors to establish Ebola Treatment Units and support NGO Medical Organizations across Liberia. As part of the OUA TEAM we established five Force Provider Camps and constructed six ETUs in locations throughout Liberia. Your service was appreciated and made our work and time in Liberia a great success. We wish you the best of luck in all of your future endeavors and hope your business continues to grow.

From The Entire Fluor West Africa OUA TEAM,
THANK YOU

Jim Luchsinger - Project Manager, West Africa

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