Camp Bucca Master Plan
April 2005

Document approved for release by
U.S. Central Command.
See FOIA Case #05-244

Portion(s) Declassified IAW:
MNF-I SCG, 31 Mar 07
Declassified on: 30MAY07

Engineer Personnel

Base Engineer:
(MACRO) The base engineer mission is to provide engineering expertise for the build-up of detainee operations, force protection operations, and the garrison operations for service members, contractors and coalition personnel. Provide guidance to the garrison commander supporting land use, future expansion and force protection issues. Provide input and design of master plan on the installation.
(MICRO) Reviews contract Statements of Work and KBR Letters of Technical Design, procures funding for projects via DD Form 3953, approves dig permits Form 103.

Meetings:

Day	Time	Location	Meeting
Monday	1100	KBR	LOGCAP Meeting
Tuesday	1000	MAJ b)(3), (b)(6 office	Garrison Update
Friday	1530	DFA	FOB Garrison Mtg

Base Engineer XO/Utilities Technician:
Perform engineering surveillance and inspection for Camp Bucca construction projects through an independent contractor and/or Kellogg Brown & Root (KBR). Organize preconstruction meetings and pre-final/final acceptance inspections. Coordinates activities and acts as garrison liaison between camp organizations, local contractors and KBR. Provide expertise and technical support to the contracting officer and contract administrator during negotiations with contractors. Process utility outages, road closures, change orders and warranty requests. Analyze technical provisions of contract documents to ensure compliance with design/ constructability standards. Prepare Statements of Work (SOW) to initiate a construction project; maintain project folders, write daily reports, Letter of Technical Directives (LTD) and updates project tracker.

Base Engineer NCOIC/Pavements and Equipment Technician:
Support Garrison and base agencies with any request that has passed through the Customer Service review, provide the best possible customer service. Lead Facility Engineers in providing cradle to grave project management. This starts with the customer of course, crafting a design, drawing the facility. From this point we out source to either troop labor, KBR or an outside contractor. All methods are valid and have their good and bad points as you should be well aware. Facility Engineers provide over site and quality evaluation of all projects that are constructed on the FOB. Write LOTD's and PR&C's provide the most accurate justification possible. Request as near as possible the dollar cost for a project, be prepared to back it up verbally with contracting and if it is over $200K at a JARB conference. Project monthly funding requirements through monthly spend plan, working with Garrison (Capt. (b)(3), (b)(6)).

Derived from: MNF-I SCG, 31 Mar 07
Reason: 1.4a, 1.4g
Declassify on 20172605

Electrical/Power Technician:

Responsible for cradle to grave design, construction and oversight on assigned projects. Oversees the enhancement of physical security to include vehicle stand-off and overhead protection. Provides electrical and power generation insight to all engineering team projects.

Engineer Assistants:

Perform engineering surveillance and inspection for Camp Bucca construction projects through an independent contractor and/or Kellogg Brown & Root (KBR). Organize preconstruction meetings and pre-final/final acceptance inspections. Coordinates activities and acts as garrison liaison between camp organizations, local contractors and KBR. Provide expertise and technical support to the contracting officer and contract administrator during negotiations with contractors. Process utility outages, road closures, change orders and warranty requests. Analyze technical provisions of contract documents to ensure compliance with design/ constructability standards. Prepare Statements of Work (SOW) to initiate a construction project; maintain project folders, write daily reports, Letter of Technical Directives (LTD) and updates project tracker.

Work Control Sergeant:

DPW/Production Control serves as a focal point for all written and oral submittals of maintenance and repair requests for the LSA. Primary function is to communicate between the Military populace and KBR personnel. The work control sergeant receives and coordinates all requests for material handling, land usage, digging permits, O&M requests and new construction.

Production control is also responsible for the input of all larger scope work that has been classified as a project. This type of work is beyond the nature of maintenance and repair, to include but limited to new facilities.

Background

Camp Bucca is a small FOB occupying approximately 600 Acres. The FOB's primary mission is detention operations (b)(1)1.4a The base populace can be broken up into (TIF), Force Protection (FP), Garrison and lastly, Kellogg, Brown & Root (KBR). The 105th MP BN has command authority over the TIF. The 586th Expeditionary Security Forces Squadron

(b)(1)1.4a

all life support functions. KBR oversees all O&M for the FOB. All for entities fall under the leadership of COL (b)(3), (b)(6), the FOB Commander. COL (b)(3), (b)(6) falls under Major General Brandenburg, Task Force 134 Commander located up at Camp Victory.

The FOB is divided up into three categories: TIF, Industrial and LSA. The TIF as mentioned above falls under the 105th MP BN. The TIF Commander is CPT)(3), (b)(All engineer requirements are filtered through the Repair and Utilities (R&U) team led by Lt)(3), (b)(If there are any O&M or Engineer requirements in the TIF, the customer must initiate the request through R&U. If R&U feels the requirement is outside the scope of their capabilities, they will come to the Base Engineer for assistance. R&U is authorized

to direct KBR for services inside the TIF. The Industrial area occupies the largest footprint on the FOB. Currently this area surrounds the LSA and incorporates the water production point, helipad, motor pool, Mil-Van yard, Class IV yard, MWR, refuel point and KBR. Future development will include the construction of a HAZMAT holding area, and a Fire Department. All land usage requests in this area are approved by the Base Engineer and Garrison. The LSA is composed of the 588 PODs, 25 trailers (Office and living), the overflow tent city, AAFES Community Center, Tactical Communications Facility (TCF), laundry and the DFAC. Future development will move the MWR complex within the LSA in addition to installing a KBR ran billeting office and warehouse and trailer housing for (b)(2)High

Recently Co ovements

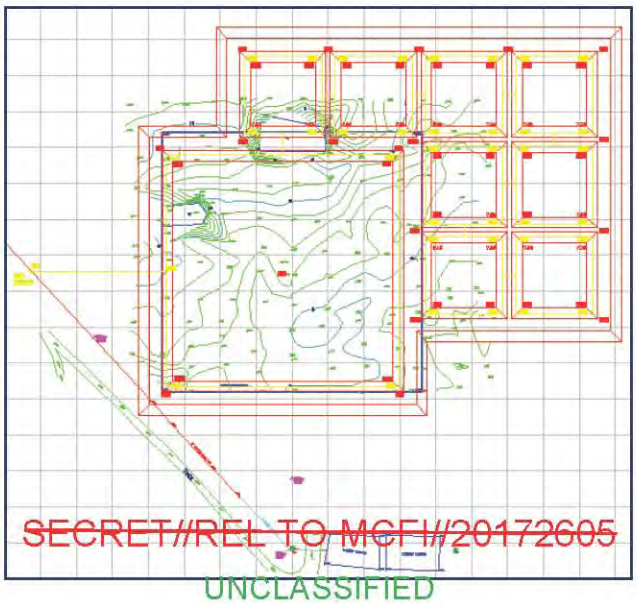
Project Title: **WASTEWATER LAGOON**
Construction Agent: Kuwait Leaders
Project Amount: $496K
Date Complete: 28 January 2005
Performance Period: Complete

Background: The wastewater lagoon information can be found in two locations. The 6 part folder in the file cabinet has a digital copy of the folder in a disc. KBR under change 10 is to assume operations of the Wastewater Lagoon, the operations and recording operations is very important to be sure that the proper treatment of waste is happening to reduce odors and disease causing bacteria from becoming problem for camp Bucca. This folder also contains some operational guidelines.

The old lagoon requires being covered in lime as it continues to dry. Once dry it needs to again covered in lime and capped with 36" of compacted earth. Then signs should be erected stating the date and area of lagoon that was closed and records kept of its location. KBR needs to do similar things for the trash burn pits.

The Influent Dump Box has a bar screen that requires cleaning after every black water waste truck off loads. KBR has the duty to provide solid waste container for these screenings and maintaining this structure as part of the lagoon operations.

Photo / Drawing:



Project Title: **JOINT INTERROGATION AND DEBRIEFING CENTER (JIDC)**
Construction Agent: American General Trading & Contracting (AGT)
Contract Number: W27P41-05-C024
Project Amount: $749,500.00 (KD 220,465.45)
NTP Issue Date: 16 November 2004
Performance Period: NTP + 57 days

Background: (b)(1)1.4a

(b)(1)1.4a

Current Status: JIDC Project had recent problems with the generators; the garrison and facility engineers contacted the contractor for trouble-shooting. Maj b)(3), (b)(6 (JIDC commander) monitors equipment condition and updates. LTD for op and maintenance support was submitted to KBR, 2 April 2005. POC's: Capt (b)(3), (b)(6) (102nd Garisson) DSN (b)(6), (b)(3) (AGT) cell #: (b)(6) ; (b)(6) @agtkuwait.com. b)(3), (b)(6 mmander).

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

Photo / Drawing: Con't

(b)(1)1.4a, (b)(1)1.4g

Project Title: CONSTRUCT MEDICAL MODULAR FACILITY for DETAINEE OPERATIONS HOSPITAL
Contract Number: W27P41-05-C-0034
Original Construction:
Construction Agent: RED SEA HOUSING & KBR
Project Amount: $1.4 Million
NTP Issue Date: 20 November 2004
Additional Work: Connect 220V Power
Construction Agent: KBR
VROM Amount: $62,734.00
NTP Issue Date: 17 February 2005
Performance Period: Work Completed

Background: Construction was completed on an 80 trailer 52 bed modular hospital by Red Sea Housing the end of February 2005. The contract however did not include power generation, utilities or compound fencing etc. These were all tied into Phase III of the TIF buildup which was to be funded in November 2004. Funding for phase III was delayed and thus left the hospital without utilities or power. LoTDs were processed to have temporary 220v power and utilities to allow hospital personnel to occupy the

facility. The hospital also added 110V requirement for ISO units and some rooms in the facility itself. Work was accomplished by KBR.

Current Status: Permanent 220V power is in place in the form of two 800KW generators while temporary 110v power is supplied by two government 100KW generators. Phase III of the TIF buildup will provide an ATS for the 220V generators and two 350KW 110V generators with ATS. Additionally, Phase III will also include the buildup of the compound (fencing, driveway etc). NTP for Phase III was issued on 29 April 2005. The hospital is also requesting to cut an opening in the walls between trailer's 12 and 30 to install a double door. All requests for work within the hospital should be initiated through Sgt (b)(3), (b)(6) and submitted to Lt (3), (b) in the RnU section.

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

Current Projects On-going

Project Title: **INTERROGATION BOOTH PROJECT**
Construction Agent: Kellogg Brown & Root (KBR)
Project Amount: $135,611.00
NTP Issue Date: 23 March 2005
Performance Period: NTP + receipt of all materials + 37 days

Background: (b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g
(b)(6) (b)(6)), Cell #: (b)(6) or DSN (b)(6) Maj (b)(6) mmander)

Current Status: (b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g, (b)(6)

Photo / Drawing: Interrogation Booths

(b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Project Title: **NEW TOA AREA**
LoTD: DAAA09-02-D-0007
Construction Agent: Kellogg Brown & Root (KBR)
VROM Amount: $179,539.00
NTP Issue Date: 15 April 2005
Performance Period: 28 Days

Background: The lease on the current transition tents was discontinued 22 April. We were paying $11,300.00 per month per tent for 14 tents. Transfer of authority for both the hospital and USAF security forces will take place in June. The erection of 42 government furnished temper tents to be installed to provide the additional living space.

Current Status: The area has been graded and 2 inches of gravel placed and compacted. Power panels installed and 8 tents have already been accepted by the garrison.

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

Project Title: **GROUND PREP FOR AAFES CONSOLIDATION**
LoTD: 05-46-Bucca-038
Construction Agent: Kellogg Brown & Root (KBR)
VROM Amount: $33.5K
NTP Issue Date: **19 April 05**
Performance Period: 15 Days + material procurement

Background: The project requires placement of gravel at the new AAFES Consolidation Area for dust control. Additionally, this project includes the relocation of the AAFES MILVANs to the new consolidation area behind the PX and placement of getch to provide traction for delivery trucks.

Current Status: All the MILVANs have been relocated. KBR has 15 days + material procurement to complete the remaining work. Awaiting the arrival of rock and getch.

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

Project Title: KBR O&M SUPPORT FOR AAFES FACILITIES
Construction Agent: Kellogg Brown & Root (KBR)
VROM Amount: KBR preparing VROM
LTD Issue Date: 6 April 2005
Performance Period: As Required

Background: 732nd ECES is in the process of transferring operations and maintenance for all AAFES facilities to KBR. KBR shall provide the following engineering support to all AAFES facilities as required; AAFES facility structural maintenance and MHE support. In addition, KBR shall provide facility engineering support to include but not limited to; electrical and lighting, interior and exterior power, plumbing and HVAC. The following AAFES facilities include but not limited to; Barber Shop, Sub-Way, Green Bean, Alteration and AAFES retail store.

Current Status: KBR continuing service support as needed. All work orders are coordinated through the Garrison work control, DSN (b)(6)

Photo / Drawing: N/A

Project Title: RELOCATE FOB HELIPAD; CBP-05-GAR-0005
Construction Agent: 844th Eng. Bn/Kuwaiti Leaders
Contract Amount: $22,250(GATCH), $69,283(GRAVEL), At contracting (Asphalt)
NTP Issue Date: Awaiting base course construction
Performance Period: Asphalt - 25 days from NTP

Back Ground: Current Helipad is located too close to the Living Support Area (LSA), placing many vital base functions into the Accident Potential Zone (APZ). Shifting the Helipad to a location central to the Theater Internment Facility (TIF) and the LSA vastly improves Medivac response time for the TIF Hospital and eliminates base population areas from the APZ.

Current Status: The new Helipad has been sited and marked by our resident surveyors (b)(1)1.4a, (b)(1)1.4g . Plans called for 3 cm layer of Calk (gatch) 300' X 150' followed by a 10" layer of crushed stone compacted and rolled. A contract has been let to Al Kassar Co. for supply of this material. Labor for this phase was originally intended to come from the 844th Engineering BN. The contract was originally going to be awarded to Kuwait Leaders, but due to material issues, they had to raise their cost so the contract has not been officially awarded. This contract includes a 9" asphalt pad 150' x 300' and air field painting. A second contract should be awarded to Kuwait Leaders for the procurement of (local labor will install) 26 solar airfield lights and a solar lighted wind sock.

(b)(1)1.4a, (b)(1)1.4g

Project Title: **LSA VEHICLE STAND OFF; CBP-05-FP-0005**
Construction Agent: KBR
Contract Amount: $187,456.60(729 Jersey Barriers-W912D1-05-P-0247)
NTP Issued: MHE work covered by LOGCAP
Performance Period: ASAP

Back Ground: (b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Current Status: Physical barriers: All Jersey barriers have been placed; final adjustment to functionality is ongoing.

Cabling: KBR work order 050424-20 directs placement of (b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Drop Arms: Three 22' drop arms have been contracted from Kuwait Leaders as part of the ECP forward project.

Photo / Drawing:

Project Title: **FOB BUNKERS; CBP-05-FP-0003**
Construction Agent: Kuwaiti Leaders
Contract Amount: $1,130,474.55(W27P41-05-M-0220, amendment P0001); $704,446.17(Scud Bunkers); $426,028.38(Texas Barriers)
NTP Issued: MHE placement covered by LOGCAP
Performance Period: ASAP

Back Ground: (b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Current Status: Upon award of the contract the FOB Garrison office and Engineering section felt 867 buckers was an excessive quantity. The contract was reduced by 250 bunkers to 617 total. We are trying to use the excess materials pre-purchased by the contractor and procure Alaskan barriers to place around the DFAC. We are waiting a response from the contractor on the actual number of barriers he can provide for the dollar amount we have.

Initial deliveries of Texas barriers began 20 April 2005, these six barriers proved to be faulty. Evidence of delayed multiple pours, inadequate curing, and an incorrect concrete mix led to a delay by the contractor on delivery.

KBR W/O's 050411-26/28/30/32 directs the down load of all barriers and bunkers

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

Project Title: **TACTICAL VEHICLE PARKING LOT; CBP-05-GAR-0042**
Construction Agent: KBR
Contract Amount: $12,983.00 (VROM 0046-05-0037)
NTP Issue Date: 24 April 05
Performance Period: 14 days from NTP

Back Ground: With the removal of vehicle traffic from the LSA provisions must be made for parking Tactical and Non-tactical Vehicles (TV/NTV).

Current Status: The 2.5 acre lot between the DFAC and Living PODs provides an ideal central location while maintaining a minimum 100ft stand off distance from all base populations. An initial LOTD for a 110K square foot graveled parking area was submitted on 2 Apr 05. KBR estimated this would cost $87,870.00, this was deemed cost prohibitive and a second LOTD was submitted omitting the gravel. This LOTD was

accepted for $12,983.00. Additionally the existing Southern TV parking area requires an expanded entrance and exit lane to allow for future closure of the LSA, this LOTD was submitted 23 Apr 05, we are still awaiting KBR's VROM.

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

Project Title: **TIF BERM REMOVAL; CBP-05-FP-0040**
Construction Agent: KBR
Contract Amount: LOTD submitted 7 Apr 05
NTP Issue Date: TBD
Performance Period: 30 days from NTP

Back Ground: (b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Current Status: Design is complete, a LOTD was submitted 7 Apr 05

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

Project Title: WASTEWATER LAGOON INFLUENT DUMP BOX
Construction Agent: New World General Trading Establishment
Project Amount: $32,000.00
NTP Issue Date: 22 April 2005
Performance Period: 7 Days

Background: (b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Current Status: KBR under change 10 is responsible for the O&M for both the Wastewater Lagoon and Dump Box. The box was completed on 29 April 05 and is has just been put into use. The 6" line has been replaced with an 8" from the bar screen effluent to man hole. From the time the forms are pulled the box should not be used for 14 days to ensure proper curing.

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

Project Title: UPGRADE OF ENTRY CONTROL POINT BERMA
Construction Agent: Kuwait Leaders
NTP Issue Date: 6 April 2005
Performance Period: 25 Days

Background: (b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Current Status: The project is under construction at this time and is expected to be complete around 5 May 05

Photo / Drawing: Please see 6 part ECP folder

(b)(1)1.4a, (b)(1)1.4g

Project Title: **HESCO BASTION PLACEMENT & FILL**
Construction Agent: KBR (MHE support)
Contract Number: DAAA09-02-D-0007
Project Amount: $1,843,302.19
NTP Issue Date: TBD
Performance Period: 60 Days

Background: This project will provide splinter and collateral protection for the LSA, administrative and DFAC areas. This project will require a labor force of 9 folks and 4 pieces of equipment; 2 loaders, 1 dump truck and an excavator or any combination available. A project folder has been developed detailing specific information.

Current Status: One example area has been completed in the LSA, bundles of HESCO Bastions (HB's) are near the mil van area, have KBR deliver bundles to LSA or any area required this can be accomplished by job order. Approximately 12,000 cubic meters of

sand can be purchased for half the HB's in the LSA on the PR&C for bulk materials. Work with the Garrison to formulate a labor pool. The 844th Army Eng. BN if they return will accomplish the work that they started? They will obtain sand from outside the FOB perimeter. You will require a total of 80,000 cubic meters of sand if all HB's are installed; sand is available outside the FOB to finish the work. KBR can also do the work but they want an extravagant $ amount. Sergeant b)(3), (b)(6 that works for the SF's understands the Hesco layout and does have access to a small labor pool. Capt (b)(3), (b)(6) is overseeing the delivery of the barriers.

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

Project Title: **C-WIRE PERIMETER FENCING**
Construction Agent: Military (Force Protection Crew)
Project Amount: $281,386.85
Performance Period: 120 Days (Only if all Equipment is supplied)

Background: (b)(1)1.4a, (b)(1)1.4g

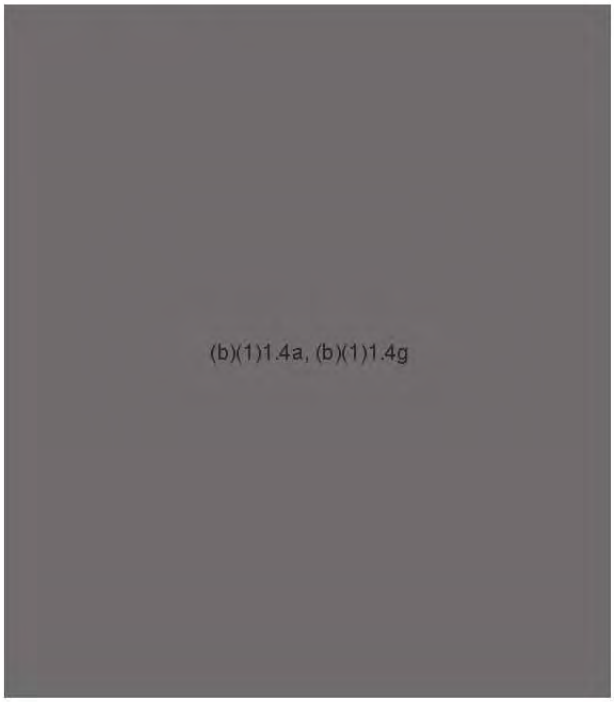
(b)(1)1.4a, (b)(1)1.4g, (b)(3), (b)(6)

Current Status: Some items have already arrived at the FOB; all the pickets, b)(1)1.4

(b)(1)1.4a

through to the Northeast side of the FOB. The SF's and Sgt b)(3), (b)(6 crew are placing materials the fence.

Photo / Drawing:



Project Title: BLAST FRAGMENTATION MYLAR
Construction Agent: KBR
Contract Number: TBD
Project Amount: Waiting VROM
NTP Issue Date: TBD
Performance Period: 30 days

Background: (b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Current Status: LOTD sent to KBR waiting on estimate and then NTP.

Photo / Drawing:

(b)(1)1.4g

Project Title: BULK MATERIALS
Construction Agent: AL-Kassar Company
Contract Number: W27P4I-05-Q-0289
Project Amount: $91,533.00
NTP Issue Date: TBD
Performance Period: 25-28 April 05

Background: The Calk (Gatch) and rock stock pile in the bins behind the motor pool and sitting by the Helipad were purchased by PR&C for future FOB Helipad construction and road maintenance. See sample bottles for types of rock, sand, and Gatch available to the FOB. Deliveries must be watched, turn trucks around that do not meet your expectations. Currently $100,000 dollars exist on the current BPA for additional bulk material purchases. A project folder has been developed detailing specific information.

Current Status: Bulk delivery for Helipad is complete.

Photo / Drawing: None

Project Title: HIGH SECURITY FENCING
Construction Agent: TBD
Contract Number: TBD
Project Amount: $199,082.40
NTP Issue Date: TBD
Performance Period: 45 days

Background: (b)(1)1.4g

(b)(1)1.4g

and ITT to prevent unwanted visibility into these areas from local nationals. A project folder has been developed detailing specific information.

Current Status: Capt (b)(3), (b)(6) has accepted a bid and awarded the contract. It is my assumption that he will QA this project.

Photo / Drawing: (b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Project Title: **300 METER TOWER DISASSEMBLY**
Construction Agent: TBD
Contract Number: Just Awarded
Project Amount: $616,000.00
NTP Issue Date: TBD
Performance Period: NTP+120 Days

Background: A 500 meter communications jamming tower was ordered to be erected to jam all communications from coming into Iraq by Sadaam Hussain in 1998. One of several of these towers stands incomplete in center of Camp Bucca. The project was stopped for lack of funds. (b)(1)1.4g

(b)(1)1.4g

Because of these factors it was decided to remove the tower. Prior to our arrival it was claimed that the tower is a national asset and must not be destroyed, with this in mind we set out to get funding for a project to dissemble the tower so that it could be erected at later date. The project was funded for $616,000.00 and has currently been awarded. Captain (b)(3), (b)(6) from the Garrison is currently tracking and overseeing the project. The key to success was determined to be in the safety plan to be submitted by each contractor with their bid. The safety plan must include solid plans to keep the camp and those living and working here safe throughout this project. The SOW also states that we must provide a predetermined area to lay the massive structure and all related parts, this location has not been determined at this time

Current Status: Capt (b)(3), (b)(6) is overseeing execution of this project

Photo / Drawing: N/A

FOB Future Development

Project Title: **CONSTRUCT LSA TRIAGE PAD**
Construction Agent: TBD
Contract Number: TBD
Project Amount: $110K
NTP Issue Date: TBD
Performance Period: 25 Days

Background: (b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g . In an effort

ourt as well.

The pad entails striping the pavement surface and placing basketball goals. This dual use project makes an efficient use of dollar resources and FOB space. This project will be funded from funds from another project the barrier project that was over priced. The only difference is that the asphalt pad will be made of concrete. With the current temperatures concrete retardant is mandatory, plus a strict curing method must be followed to prevent shrinkage cracks and other concrete deformation problems. A project folder has been developed detailing specific information.

Current Status: We received a quote from Kuwait Leaders which included lighting, stands and many other luxorious amenities. The cost was $200K. If you cut out the luxury items and keep it just to the concrete pad and goal posts, the contract shouldn't cost more then $110K. This project will require funding which can be obtained by submitting a cost estimate and justification letter to Capt (b)(3), (b)(6).

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

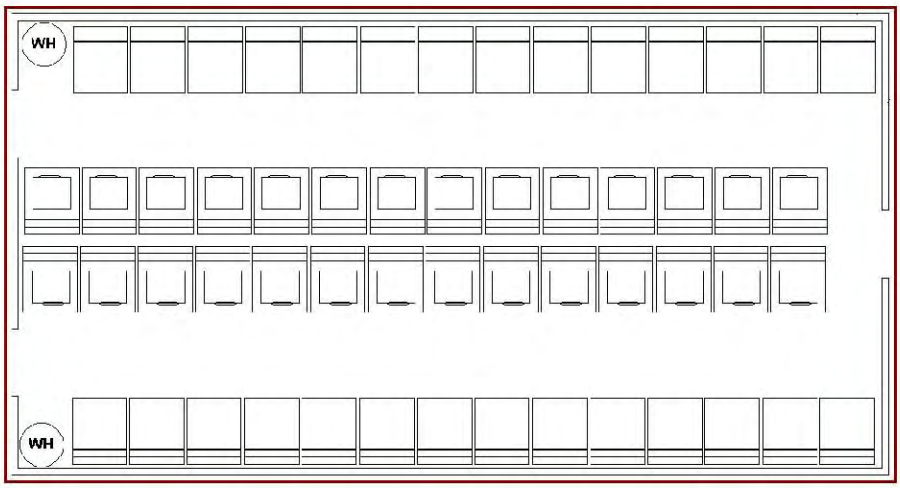
(b)(1)1.4a, (b)(1)1.4g

Project Title: **PUBLIC LAUNDRY**
Construction Agent: To Be Determined (TBD)
Project Amount: TBD
NTP Issue Date*:* TBD
Performance Period: Plug and Play upon placement

Background: Camp Bucca requires a small laundry facility where Airmen and Soldiers can clean dirty laundry and not be required to wait two to three days to get laundry cleaned.

Current Status: Saifee Palace is providing a rough cost estimate. Once the cost estimate is received, this project will need to be added to the spend plan and a PR&C will need to be sent through the Garrison onto Camp Victory for funding.

Photo / Drawing:



Project Title: **TIF Power Plant - CBP-05-TIF-0006**
Construction Agent: TBD
Project Amount: $3,483,375.00
NTP Issue Date*:* TBD
Performance Period: 25 days from NTP

Back Ground: Currently KBR is utilizing 10 prime power generators with a total capacity of approximately 8 Mega Watts to supply 220 volt 50 hz power to the TIF. Previous load demand estimates and actual load readings indicate total power consumption is approximately 4.5 Mega Watts. Consolidation of power generation will reduce operations and maintenance cost by almost 1/2. In addition, use of automatic common-bus switchgear will enable seamless power transfer for maintenance and

emergency situations ensuring reliable day and night compound security. Use of on-hand generators and fuel tanks will reduce construction cost by $1.65 million.

Current Status: An in-depth Scope of Work (SOW) and design has been provided by (b)(6) ((b)(6) @asab.centaf.af.mil) a very experience prime power design engineer from Ali Al Salem AB in Kuwait.

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

Project Title: TIF DFAC MOVE; CBP-05-TIF-0004
Construction Agent: Tamimi Global Company Ltd.
Contract Amount:
NTP Issued:
Performance Period:

Back Ground: The current TIF DFAC is located in the southeastern corner of the LSA, this was a logical operation when Tamimi was operating the LSA DFAC from the same location. With the loss of the LSA DFAC contract the location is logistically inefficient.

Current Status: Contact has been made with the Tamimi site representative, he agreed that the move should happen. A site has been selected and agreed upon by the Site Developement team and the Tamimi rep. An initial estimate of $250,000 has been tendered by Tamimi. We have requested that the offer be reduced to $195,000 or less. We have also verbally requested a proposed site lay out (maps were given to the Tamimi rep) and transition plan to assure a seamless move. We have yet to receive a response. Capt (b)(6), (b)(3) is currently handling this project.

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

Project Title: **MILITARY WORKING DOG KENNEL**
Construction Agent: To Be Determined (TBD)
Project Amount: TBD
NTP Issue Date: TBD
Performance Period: NTP + receipt of all materials + 60 days

Background: Camp Bucca requires a functional military working dog kennel facility to satisfy K-9 requirements. (b)(5) (b)(5) . The proposed project requires construction of a pre-engineered 57'x30' kennel building (with CMU walls) and a 134'x72' metal chain link fence. In addition, this project requires the contractor to size and design air handling units and supply and install suspended acoustical ceiling, all electrical and plumbing fixtures stated in the SOW. Contractor shall also supply and

install all cables and fixtures needed to connect to the existing power supply located at the LSA.

Current Status: (b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g, (b)(3), (b)(6)

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Project Title: Additional FOB Fencing (Not Designed)
Construction Agent: Unknown
Project Amount: ???
NTP Issue Date: ???
Performance Period: ???

(b)(1)1.4a, (b)(3), (b)(5), (b)(6)

(b)(1)1.4a, (b)(5) Motorpool POC is CW4 b)(3), (b)(6 Based on previous projects, fencing costs approximately $95 per linear meter for material and installation.

Project Title: **HAZMAT STORAGE FACILITY (KBR requirement)**
Construction Agent: KBR
Project Amount: ???
NTP Issue Date: ???
Performance Period: ???

Background: This project has been built into change 10 of the KBR contract. They will be providing a HAZMAT holding area. The holding area is located on the previously existing concrete pads on the North East corner of the FOB. The LOGCAP Planner (LTC b)(3), (b)(6 and the ACO (Maj)(3), (b)() can provide more input on this project.

Current Status:

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Project Title: **NEW REFUEL POINT (KBR initiative)**
Construction Agent: KBR
Project Amount: ???
NTP Issue Date: ???
Performance Period: ???

Background: This project is an initiative on KBR's part in order to expand their current operations. The LOGCAP planner and the ACO will determine what your role will be in this project. (b)(1)1.4g

(b)(1)1.4g

Current Status:

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Project Title: **CLASS I WAREHOUSE (KBR requirement)**
Construction Agent: KBR
Project Amount: ???
NTP Issue Date*:* ???
Performance Period: ???

Background: Under Change 10 of the new KBR contract, they are required to provide 2 each Class I Warehouses 20M x 50M. The first will be placed by the old FES tent area. In this area, we will be installing 2 each 200' x 200' Class IV yards. The Class I warehouse will be placed there for the storage of water and MREs and will be collocated with the remaining FOB supplies.

Current Status:

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Project Title: **DETAINEE SUPPLY WAREHOUSE (KBR requirement)**
Construction Agent: KBR
Project Amount: ???
NTP Issue Date: ???
Performance Period: ???

Background: Under Change 10 of the new KBR contract, they are required to provide a 20M x 50 warehouse for the TIF detainee supply. It is projected this facility will be located outside the TIF on the western side between the R&U facility and the Detainee bus parking lot.

Current Status:

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Project Title: **FIRE DEPARTMENT (KBR requirement)**
Construction Agent: KBR
Project Amount: ???
NTP Issue Date*:* ???
Performance Period: ???

Background: Under Change 10 of the new KBR contract, KBR has subcontracted out a Fire Department for the FOB. Currently they are working out of a Temper Tent. KBR has funding in change 10 to build a facility for the Fire Department. We currently have the facility sited just south of the TIF DFAC.

Current Status:

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Project Title: **MWR COMPLEX (sited on base comprehensive map)**
Construction Agent: KBR
Project Amount: ???
NTP Issue Date*:* ???
Performance Period: ???

Background: As mentioned above, KBR is required to provide 2 each class I facilities. When these are provided, the plan is to convert one of them into a new MWR Warehouse. The current MWR facility will remain in place and be transferred into a storage facility. With the MWR complex, the plan is to move all MWR activities into the LSA and out of the Industrial area. The overall layout will entail a softball field, football/soccer field, basketball court, two volleyball courts, Gym complex (20M x 50M Warehouse). One area which should still be sited is a Movie Theater.

Current Status:

(b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Project Title: **BILLETING TRAILERS (KBR requirement)**
Construction Agent: KBR
Project Amount: ???
NTP Issue Date: ???
Performance Period: ???

Background: Under Change 10, KBR is required to provide additional bed space for 300 personnel. My recommendation is to have KBR purchase and install (b)(1)1.4a much similar to the trailers we currently work out of. (b)(1)1.4a for gang housing and two of the trailers could be placed for potential office use. One of the office trailers could be used by the Post Office. The bulk of the trailers should be placed in the south east corner of the large trailer compound.

Current Status:

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Project Title: **BILLETING OFFICE & WAREHAVE (KBR requirement)**
Construction Agent: KBR
Project Amount: ???
NTP Issue Date: ???
Performance Period: ???

Background: KBR will be taking over the billeting function and will require an office and warehouse. The warehouse will be used to keep extra linens and furniture. The office is 6M x 9M and the warehouse is 7M x 30M. These should be placed to the ease of the office trailers.

Current Status:

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Project Title: **MOTOR POOL FACILITY (KBR requirement)**
Construction Agent: KBR
Project Amount: ???
NTP Issue Date: ???
Performance Period: ???

Background: Under Change 10 KBR is required to purchase and install a 15M x 30M maintenance warehouse at the Motorpool. This will have to be coordinated with CW4 b)(3), (b)(6 to determine what the proper location should be.

Current Status:

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Project Title: NEW TROOP MEDICAL AND DENTAL CLINIC
Construction Agent: TBD
Project Amount: $186,000 (estimated)
NTP Issue Date: TBD
Performance Period: TBD

Background: This project will bring the Troop Medical Clinic up to CENTCOM Sand Book standards, HIPAA compliance and consolidate all medical services into one building. The planned facility is modular because of faster construction time and lower cost as compared to traditional construction.

Current Status: Obtaining Funding.

(b)(1)1.4a, (b)(1)1.4g

Project Title: **NEW WELL (KBR requirement)**
Construction Agent: KBR
Project Amount: ???
NTP Issue Date: ???
Performance Period: ???

Background: Under change 10, KBR is required to install an additional well. As of now, the current well can generator approximately 120K gallons of water per day. The second well, will double our production and satisfy the needs of the TIF, LSA showers and LSA toilets.

Current Status:

Photo / Drawing:

(b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Page 39 redacted for the following reason:
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(b)(1)1.4a, (b)(1)1.4g