

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: O-1-O-3 Fence PRD
Date: Wednesday, March 20, 2013 4:15:13 PM
Attachments: [O1-3 PF PRD Draft3-20-13 \(ENV input\)--dca.doc](#)
[ENV PMP O1 O2 and O3 TI.mpp](#)

Hi (b) (6), (b) (7)(C)

Attached are several things:

1. A marked up copy of the PRD. I did it in track changes mode. I would be more than happy to take this back, spruce it up in final mode with our changes incorporated and re-send it. I did not do that, so you could merge changes from multiple commenters. Please let me know if you want the cleaner picture.
2. A work sheet that (b) (6), (b) (7)(C) came up with for part of our environmental monitoring costs. It is detailed, and probably not what you need just yet. It is how we developed part of our ROM for environmental expenses.
3. A PDF of the environmental rough schedule. There are two main tasks for environmental:
 - a. Prepare a supplemental Environmental Stewardship Plan (our initial one is more than 5 years old and because of elapsed time, AND changed alignment it needs to be re-examined) (estimated cost (b) (5) plus COE programmatic costs)
 - i. This entails field work
 - ii. Coordination with TX SHPO, and USFWS, and numerous other TX state agencies
 - iii. Preparation of a new biological resource plan (BRP)
 - iv. A public information session
 - v. A final document
 - b. Monitoring on site during construction (estimated cost (b) (5) plus COE programmatic costs)
 - i. Preparation of training materials for construction contractors regarding endangered species, cultural resources, and our BMPs
 - ii. Delivery of that training at the start of each of the three campaigns (O-1, O-2, O-3)
 - iii. Full-time environmental monitoring (7 days @ 12 hours per day) for the first two weeks at the start of each of the three campaigns (O-1, O-2, O-3)
 - iv. Weekly spot checking after the first two weeks at each of the three campaigns (O-1, O-2, O-3)
 - v. Preparation of a final report.

(b) (6), (b) (7)(C),
Research Fellow & Senior Consultant

LMI

**2000 Corporate Ridge
McLean, VA 22102-7805**

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Tuesday, March 19, 2013 3:14 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: O-1-O-3 Fence PRD

Hey (b) (6), (b) (7)(C)

Can you provide me some environmental verbiage for the O-1 – O-3 fence PRD? We have a working draft but currently lack details regarding environmental work.

Thanks,

(b) (6), (b) (7)(C)
Program Analyst, Business Operations
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
(b) (6), (b) (7)(C)

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Project Name: [As defined in the project naming convention and assigned by the BOD]
 Primary pedestrian fence segments O-1, O-2 and O-3

Purpose of PRD: [Describes what pieces of the project will be approved for budgeting purposes (e.g. planning and env/re, through construction completion, through RFP development, etc)]
 This document authorizes designation of project, baselines, scope, cost and schedule. This document authorizes funding for all planning, acquisition, environmental assessment, programming design and construction activities.

PROJECT SUMMARY	
Project Type:	Pedestrian Primary Fence
Project #:	O-1 - (b) (7)(E) O-2 - (b) (7)(E) O-3 - (b) (7)(E)
Reporting Metric:	Total Miles: (b) (7)(E) O-1 - (b) (7)(E); O-2 - (b) (7)(E); O-3 - (b) (7)(E)
Service Provider:	USACE
Initial Cost Estimate:	TBD
Planned Start Date:	(b) (5)
Planned End Date:	Month/Year

Project Description/Objective: **OBP Approval of Scope Date** __/__/__

This project involves the construction of an estimated (b) (7)(E) miles of new pedestrian primary fence (PF). The project consist of 3 separate fence segments, segments O-1 and O-2 are located in Roma and Rio Grande City, Starr County, Texas. Segment O-3 is located in Los Ebanos, Hidalgo County, Texas; along the International Border. The new PF will be comprised of bollard style fence (type). This project is to be a design, bid, build construction contract.

This fence is located both within urban areas and undeveloped forested areas, where there are numerous houses, utilities and miscellaneous structures in proximity to the proposed alignments. There are also dump-sites, significant drainage arroyos, erosive soils and areas of dense vegetation in the undeveloped areas, which presents significant challenges. The presence of many drainage features and potential sink hole areas increases (b) (7)(E) from water and drainage model

The area is situated in an area identified by USFWS as a significant migratory pathway for two endangered species of cats (ocelot and jaguarundi), and is known to be the site of several different

Commented [FJR1]: A variety of habitats are represented. Forested has the highest mitigation ratio, but does not represent the largest amount of habitat. I would omit this word. It confuses the issue. Either omit, or substitute "...and undeveloped wildlife habitat areas..."

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populations of rare, threatened, and endangered plants including Zapata Bladderpod, Star Cactus, Walker's manioc and Johnson's Frankenia.

The proposed alignments have been strategically analyzed by CBP ~~on~~ from a law enforcement perspective and by USACE and IBWC from a flood control perspective. The USACE and CBP in conjunction with USFWS have analyzed the area from a habitat, vegetation, and a wildlife habitat perspective. A hydraulic model has been developed by USACE and review and approved by IBWC for the proposed alignments.

Other challenges include: opposition, significant sensitive oversight (reporting, public affairs), Security issues, NGO opposition, opposition for Mexico, high level political involvement (congressional and Whitehouse),

Roles and Responsibilities

Name	Role
TBD	BPFTI PMO Project Manager
TBD	USACE Project Manager
(b) (6), (b) (7)(C)	BPFTI PMO TI Division Director
TBD	USACE Program Manager
(b) (6), (b) (7)(C)	BPFTI PMO Design Lead
	BPFTI PMO Real Estate Lead
	BPFTI PMO Environmental Lead
	BPFTI PMO Financial Management Branch Chief
	BPFTI PMO Project Analyst
	USACE Environmental Lead
	USACE Real Estate Lead
	OBP HQ SPPA Lead
	BP TI Coordinator

Diagrams/Exhibits/Conceptual Designs:

Confirm Fence Type and a (b) (7)(E)

Photographs:

[Electronically insert a photo showing the project infrastructure.]

Real Estate Acquisitions

[Describe the project real estate requirements and or ROW permits/Indian Nation resolutions that will need to be acquired for the project. Consult with FM&E real estate SMEs for this section. This

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Key Deliverables/ Milestones	Cost	FY Funding	Start Date	FY14				FY15				FY16				End Date
				1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th	
Project Management	(b) (5)															
Real Estate																
Environmental																
Design																
Construction																
Construction Oversight																
Total:																

Commented [FJR2]: Clearly these dates need to be updated.

Q1 Oct – Dec; Q2 Jan – Mar; Q3 Apr – Jun; Q4 Jul – Sep

Schedule Assumption(s): *[Enter information here that is assumed in the schedule above – i.e. good weather, military construction available, etc.]*

TBD

Environmental scheduling assumptions include:

(b) (5)

Initial Cost Estimate

[Enter the total project cost in column 1, indicating the type of money, and designate cost by “FY funding year”, not “FY to be constructed” in the remaining columns. Please work with Financial Management Branch to determine funding information.]

\$ Total Project Cost	FY14	FY15	FY16
<input type="checkbox"/> Construction <input type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D	<input type="checkbox"/> Construction <input type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D	<input type="checkbox"/> Construction <input type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D	<input type="checkbox"/> Construction <input type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D
\$	(b) (5)		

Cost Assumption(s): *[Enter information here that is assumed in the cost estimate above – i.e. military construction available, using existing materials, etc.]*

Sample language: This is a military construction project and this estimate is making the assumption

(b) (5)

Environmental cost assumptions include:

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(b) (5)

Potential Project Risks/Mitigations

<u>Project Risks</u>				
Category	Risk	Probability (%)	Impact	Mitigation Strategy
Construction	(b) (5)			
Contractor Performance				
Contractor Performance				
Contractor Performance				
Design				
Design				

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Environmental	(b) (5)
Environmental	
External Entity Compliance	
External Entity Compliance	
External Entity Compliance	

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External Entity Compliance	
Latent Conditions	
Latent Conditions	
Latent Conditions	
Latent Conditions	
Latent Conditions	
Latent Conditions	
Latent Conditions	
Latent Conditions	
Latent Conditions	

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Real Estate	(b) (5)
Real Estate	
Real Estate	
Scope	

Interrelated Projects

[List any interrelated project dependencies on other projects including projects such as Military Deployment Constraints, Facilities, towers, or projects within other agencies or private construction. The Acquisition Directive refers to this as “Interoperability.”]

#	Interrelated Projects
001	
002	

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CONCURRENCE:

Name, Project Manager
BPFTI PMO, TI Division

Date

Name, Assistant Chief
U.S. Office of Border Patrol, Sector Name

Date

APPROVAL:

Name, Program Manager
U.S. Army Corps of Engineers

Date

Name, Branch Chief
BPFTI PMO TI Division

Date

Name, Chief
Office of Border Patrol, Southwest Division

Date

Name, Branch Chief
BPFTI PMO Financial Management Branch

Date

Name, Director
BPFTI PMO TI Division

Date