

Deepwater Horizon/Mississippi Canyon 252 Oil Spill

Mississippi Canyon 252 Oil Spill
First Work Plan for the Collection of Data Related to
Beach Usage Along the Coast of the Gulf of Mexico

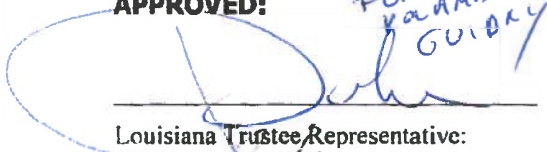
November 14, 2011

Amended: December 28, 2011

Approvals

Approval of this work plan is for the purposes of obtaining data for the Natural Resource Damage Assessment. Parties each reserve its right to produce its own independent interpretation and analysis of any data collected pursuant to this work plan.

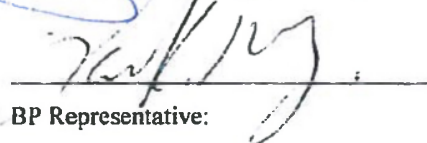
APPROVED:

FOR NOAA AND GUIDRY


Louisiana Trustee Representative:

Date

01/13/2012



BP Representative:

Date

Jan 6, 2012


NOAA Trustee Representative

Date

01/06/2012

(on behalf of all other Trustees)

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Background

The First Work Plan for the Collection of Data Related to Beach Usage Along the Coast of the Gulf of Mexico (“Work Plan”) is presently underway as a signed cooperative work plan (date of the signed plan: November 14, 2011). The Work Plan covers overflights and the taking of aerial images through December 31, 2011 and the production and processing of the aerial images taken through December 31, 2011. This amendment documents the extension of overflights and taking of aerial images under the Work Plan through March 31, 2012 as well as the production and processing of aerial images taken through March 31, 2012.

Methodology

The protocols remain the same as described in the original Work Plan.

Data Management and Trustee Oversight

The protocols remain the same as described in the original Work Plan.

Budgeting

The Parties acknowledge that the budget contained in Exhibit F is an estimate, and that actual costs may prove to be higher or lower due to a number of potential factors. As soon as factors are identified that may increase or decrease the estimated cost, the Trustees will notify BP of the nature and cause for the increase cost and provide a revised budget. BP agrees to reimburse the Trustees for these reasonable expenses incurred in collecting, producing, and processing the already existing aerial imagery and data described in the Work Plan.

Memorandum

To: Katherine Pease, NOAA Office of General Council; Norman Meade and Anthony Dvarskas, NOAA Office of Response and Restoration

From: David Chapman, Eric Horsch, and Justin Stein, Stratus Consulting Inc.

Date: 12/21/2011

Subject: Budget Estimate for Aerial Photography and Processing

Overview

Overflights are being conducted to take high-definition photographs that record recreational use levels in coastal areas potentially impacted by the Deepwater Horizon oil spill. This memorandum describes the costs associated with the collection of overflight photographs for the period of January 1, 2012 through March 31, 2012 and the transmission of raw data and processed files for the period of April 1, 2012 through June 30, 2012.

Task 1: Data Collection

Avant Media Group conducts the overflights and transmits the resulting aerial photographs and waypoints to Stratus Consulting. Overflights are conducted to collect data for the Trustees via two routes: the “North Coast” and the “Peninsula” routes. These overflights are scheduled four times a week for each route: two on weekdays (Mondays through Thursdays) and two on weekend days (Fridays through Sundays). Starting in late December 2011, the Trustees expanded their contract with Avant Media Group to conduct overflights in the Florida Keys. The data collected from the Florida Keys overflights will be delivered to Stratus Consulting and then sent to and processed by BP’s consultant, Cardno Entrix.

The cost per overflight is \$ [REDACTED] for the North Coast route, \$ [REDACTED] for the Peninsula route, and \$ [REDACTED] for the Florida Keys route. A reduced rate of \$ [REDACTED] is used for the partial completion of a North Coast overflight. There is no reduced rate for the partial completion of a Peninsula overflight or Florida Keys overflight. A rate of \$ [REDACTED] is used for each overflight cancellation due to weather for all routes. Cost estimates are based on a 100% overflight completion rate. Aerial photographs and waypoints are sent to Stratus Consulting on external hard drives biweekly. Shipping costs total \$ [REDACTED] per month. Task 1 in Table 1 shows the costs associated with data collection by the Avant Media Group for the period of January 1, 2012 through March 31, 2012.

Task 2: Photograph Processing – Non-Keys Photographs

Raw photographs and waypoints are backed up onsite at Stratus Consulting and prepped for processing. Approximately [REDACTED] data processors, managed by Stratus Consulting staff, process sampled photographs according to the developed protocols. Task 2 in Table 1 shows the costs

associated with data processing from April 1, 2012 until work plan photographs are processed. At this time, it is anticipated that the processing of work plan photographs will conclude at the end of June 2012.

Task 3: Data Transmission

All raw photographs, waypoints, and processed photographs will be delivered according to the 2011 Human Use Aerial Imagery Work Plan. Labor will be necessary to reformat and compile the processed photograph files for transmission. All data and files generated through June 30, 2012 can be transmitted on 2-TB hard drives. Shipping costs are estimated at \$█ per month. Task 3 in Table 1 shows the costs associated with data transmission.

Table 1. Proposed budget

		Task 1: Avant Media Data Collection		Task 2: Photograph Processing		Task 3: Data Transmission		Total		
Stratus Consulting labor	GSA labor category	Hourly rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
Horsch, E.	Associate (Level 1)									
Hodgson, T.	Associate (Level 2)									
Chapman, D.	Sr. Manager/Principal									
Underwood, C.	Support Associate									
Stein, J.	Research Associate (Level 2)									
Lazar, K.	Research Associate (Level 2)									
Jennings, J.	Support Associate									
Tallman, D.	Contracts Administrator									
English, E.	Sr. Associate (Level 2)									
Welsh, M.	Manager (Level 2)									
Subtotal Stratus Consulting labor										
Other direct costs		Contract markup								
Supply/Copies/Mail/FedEx	(Supply/Copies/Mail/FedEx)									
Office Space	(Other)									
Data Storage/Hardware/Expenses	(Commodities/Equipment)									
Subtotal other direct costs										
Total markup on other direct costs										
Subtotal other direct costs plus markup										
Subcontractors										
AppleOne										
Labor										
QC	Research Associate (Level 1)									
Redline	Research Associate (Level 1)									
Counter	Research Associate (Level 1)									
Application Analyst	Research Associate (Level 1)									
QC Team Lead	Research Associate (Level 1)									
Subtotal AppleOne costs										
Avant Media										
Other direct costs										
Supply/Copies/Mail/FedEx	(Subs/Cons - Other Expenses)									
Data acquisition	(Subs/Cons - Other Expenses)									
Subtotal Avant Media costs										
Total markup on subcontractor ODCs										
Subtotal subcontractor costs plus markup										
Total				\$350,920		\$1,079,839		\$11,718		\$1,442,478