



Date: January 10, 2014

TO: DISTRIBUTION

RE: DESERT CONSERVATION PROGRAM PROJECT COMPLETION NOTIFICATION:
LIDAR/AERIAL IMAGERY DATA ANALYSIS
2009-UTX-811K

The work for the above referenced project has been completed. Please see the attached for all project related information.

The purpose of the above referenced project was:

The purpose of this project was to analyze previously acquired LiDAR data and multiband aerial imagery to produce new GIS datasets for input into a desert tortoise habitat model.

The GIS datasets identified:

- 1) vegetative classes based on height and a Normalized Difference Vegetation Index (NDVI,);
- 2) ledges located along hillsides and drainage channels; and,
- 3) micro-terrain and soil characteristics correlated to vegetation types

The major accomplishment or findings of this project include:

Major Accomplishments:

A final report was delivered detailing the methods used to produce the GIS datasets for the project. The delivered GIS files, produced using LiDAR, multiband aerial imagery and field measurements, are: a vegetation raster of individual shrubs, raster of percent shrub coverage, a ledges shapefile, a soils shapefile, and a set of rasters depicting surface derivatives derived from 5m DEM of LiDAR data set using the Soil Inference Engine in ArcMap.

For more information about this project and/or for other Project Reports or Symposium Reports, please visit our website at: <http://www.clarkcountynv.gov/airquality/dcp/Pages/default.aspx>

If you have any questions, please contact Larry Mata at (702) 455-3964.

Sincerely,



Marci D. Henson
Program Manager

cc:

- US Fish and Wildlife Service
- Board of County Commissioners (7)
- Permittees' Executive Committee
- Permittees' Process Management Group
- Thomas Boldt, Purchasing
- Catherine Jorgenson, District Attorney – Civil Division
- Desert Conservation Program Community Advisory Committee
- Desert Conservation Program Interested Parties List
- Multiple Species Habitat Conservation Plan Implementing Agencies
- Science Advisor
- SNPLMA Office (for SNPLMA projects)
- Congressional Office
- DCP Staff

DESERT CONSERVATION PROGRAM PROJECT COMPLETION NOTICE

Date of Issuance: 1/10/2017

General Project Information

Project Category	Conservation
Compliance Category	9d-Research/Inventory/Monitoring
Project Level	Level 3
Project Title	LiDAR/Aerial Imagery Data Analysis
Project Number	2009-UTX-811K
Contractor	The University of Texas at Austin
Contractor Person of Contact	Victoria Obioma
Contractor Project Manager	Michael Young
DCP Project Manager	Larry Mata
DCP Person of Contact/Contract Manager	Heather Green
Competitive Award or Sole Source	Sole Award
Contract Start Date	03/22/2016
Purchase Order Number	4800007386-004
Contract End Date	10/31/2016
Commissioner & District	A Steve Sisolak
Congressional Rep & District	D3 Jacky Rosen

Financial Breakdown

Funding Source	S10 09-11
Original Contract Amount	\$ 46,079.00
Total Change Request Amount	\$0.00
Revised Contract Amount	\$ 46,079.00
<small>(Original Award plus Change Requests)</small>	
Funds Not Used in Contract	0.00
Final Payout	\$ 46,079.00

Performance Information

Total Number of Change Requests	1
Number of Change Requests by Contractor	1
Number of Change Requests by DCP	0
Total Number of Deliverables	5
Number of Deliverables Accepted	5
Number of Deliverables Rejected	0
Number of Delinquent Deliverables	1
Total Number of Milestones	6
Number of Delinquent Milestones	0
Number of Milestones Met on Time	6
Total Number of Invoices	4
Number of Rejected Invoices	1