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January 18, 2017
DR208

City of Chula Vista
Department of Public Works
276 Fourth Avenue
Chula Vista, CA 91910

Attention: Jose Gomez

RE: 2nd Amendment - Telegraph Canyon Channel Nexus Study

DESCRIPTION OF TASK:

This Request for Amendment is for a contract scope addition, cost increase and schedule change. The amendment will be performed in compliance with the agreement between the City of Chula Vista and Atkins North America, Inc. to initiate environmental studies as a next step for the Telegraph Canyon Channel Nexus Study recommended improvements.

The scope of services for the amendment is to conduct hydraulic analysis, develop plan cross sections, utility and parcel data for 30% plans, and provide project management.

The following scope of study objectives and detailed costs are requested:

- **Hydraulic analysis:** Scope amendment to provide hydraulic model analysis to determine conveyance of existing system near 3rd and L Street combined with upgrades within 3rd and L Street. Hydraulic analysis to review hydraulics and adjustment to channel geometry (trapezoidal or rectangular). Hydraulic analysis to support development of three project construction stages. Cost amendment to increase fee by \$21,556 to perform hydraulic calculations and provide model deliverable the City.
- **AutoCAD Drawings:** Scope amendment to provide updated 30% plan and profile sheets for revised culvert alignment at the intersection of 3rd and L, revised cross sections, additional cross sections for the revised alignment (and those requested as recorded in the July progress review meeting), utility crossing details, and parcel data to identify required easements. Alignment changes and revised cross sections are to be included in the current sheet limits. If required, a maximum of two separate exhibits showing additional cross sections of the

channel will be provided, with a maximum of one round of revisions per City comments. This task will include revisions to the cost estimate and two PDF submittals of the revised plans, one draft and one final, which will incorporate all City comments from the draft submittal. The draft submittal will be made in PDF format, and the final submittal will include PDF files as well as the native AutoCAD Civil3D 2015 drawing files. It is assumed that all parcel data will be provided by the City, and said data will be incorporated into the plan set in order to identify required easements. Cost amendment to increase fee by \$19,040.

- Project Management: Scope amendment to manage work covered under this amendment. Cost amendment to increase fee by \$4,404.

The original amount of this agreement was \$175,000. This agreement was previously amended to add \$46,660. The agreement is being amended to add \$45,000. The total amount of this agreement including this amendment shall not exceed \$266,660. The detailed fee for the agreement amendment is attached.

The original schedule date for completion of all consultant services was August 30, 2016. This agreement is being amended to extend the schedule date for completion of all consultant services by December 31, 2017.

ALL OTHER TERMS AND CONDITIONS SHALL REMAIN THE SAME.

AUTHORIZED SIGNATURES:

Atkins North America, Inc. and City of Chula Vista agree that these services will be performed in accordance with the terms and conditions of the agreement between the City of Chula Vista and Atkins North America, Inc. to develop a Telegraph Canyon Channel Nexus Study.

Please give Ann Bechtel a call at (858)514-1026 if you have any questions.

Atkins North America, Inc.

Atkins North America, Inc.



Ann Bechtel
Project Manager

1/18/2017



Michael van Antwerp
Division Manager

1/18/2017