

**OHLONE COMMUNITY COLLEGE DISTRICT**

**MEMORANDUM**

TO: Board of Trustees  
FROM: Doug Treadway  
DATE: February 9, 2005  
SUBJECT Ohlone College Newark Center for Technology and Health Sciences  
Contract Amendment #2 to Treadwell & Rollo, Inc. (Geotech) Agreement

The following modification is required to the contract for Treadwell & Rollo, Inc., for geotechnical design work related to the Ohlone College Newark Center for Health Sciences and Technology

1) Added Services for geotechnical engineering services per Treadwell and Rollo, Inc. proposal dated January 7, 2005 for an amount not to exceed \$10,000. This budget increase is required in order to provide additional consultation and design services during the working drawing phase (post geotechnical report) of drawing development for the Newark Center.

2) Added services for supplemental corrosion testing at the Newark Site for an amount, not to exceed, \$1750.00 per the JDH Corrosion Consultants, Inc. proposal dated January 18, 2005. The Corrosion engineering services will be used for needed design calculations. The District will receive a letter of recommendations for long term corrosion control, based on the in-situ soil resistivity data and soil chemical analysis.

The total of the above request is \$10,750.00 and will be incorporated into contract Amendment #2 to Treadwell and Rollo, Inc.

**RECOMMENDATION:**

The President/Superintendent recommends that the Board of Trustees approve the contract Amendment #2 with Treadwell and Rollo, Inc. for 1) additional Geotechnical Engineering services for the Ohlone College Newark Center for an amount not to exceed \$10,000.00 and 2) additional services for Supplemental Corrosion Testing for an amount not to exceed \$1,750.00.

Attachments: Treadwell and Rollo Contract Amendment #2  
Treadwell and Rollo Proposal dated January 7, 2005  
JDH Corrosion Consultants, Inc. Proposal dated January 18, 2005

# Ohlone Community College District

## CONTRACT AMENDMENT #2

**Contract #165-1202-001**

**Date of original contract: February 12, 2003**

**Date of Amendment: February 9, 2005**

This is an Amendment to the Agreement dated February 12, 2003, between **Treadwell and Rollo, Inc.** and **Ohlone Community College District**, formerly *Fremont-Newark Community College* for Geotechnical Services as detailed in Contract number 165-1202-001.

The parties agree to the following additions to the Agreement:

1. **Increase of Scope of Work and Fees for geotechnical engineering services to provide additional consultation and design services** during the working drawing phase (post geotechnical report) of drawing development for the Ohlone College Newark Center for Health Sciences and Technology as detailed in the Treadwell and Rollo, Inc. proposal dated January 7, 2005 and attached hereto. Services will be provided at an amount not to exceed \$10,000.
2. **Increase of Scope of Work and Fees for geotechnical engineering services to provide supplemental corrosion testing** utilizing JDH Corrosion Consultants, Inc. as detailed in the JDH Corrosion Consultants, Inc. proposal and fee schedule dated January 18, 2005 and attached hereto. Services will be provided by JDH as a subconsultant to Treadwell and Rollo at an amount not to exceed \$1,750.00.
3. **With this Amendment, the total contract amount will be \$107,262.90**, which consists of the original contract-\$38,012.90 and amendment #1-\$57,500.00 and amendment #2-\$11,750.00

In all other respects, the terms of the original agreements remain in full effect. However, if there is a conflict between this Amendment and the original agreements, the terms of this Amendment will prevail.

Maria G. Flessas, G.E.  
**Treadwell and Rollo, Inc.**  
555 Montgomery Street, Ste 1300  
San Francisco, CA 94111

Marian Castaneda  
Director of Purchasing, Contract Administration,  
Auxiliary Services  
**Ohlone Community College District**  
43600 Mission Blvd.  
Fremont, CA 94539

\_\_\_\_\_  
Signature

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Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

7 January 2005  
Project 3630.03

Mr. Simon Barros, Jr.  
Director of Facilities  
Ohlone Community College District  
43600 Mission Boulevard  
P.O. Box 3909  
Fremont, California 94539-0390

Subject: Request for Budget Increase  
Geotechnical Consultation during Design  
Initial Phase Development  
Ohlone College Newark Center  
Newark, California

Dear Mr. Barros:

This letter presents Treadwell & Rollo's request to increase our budget for providing geotechnical engineering services during the design of the initial phase development of the proposed Ohlone College Newark Center (OCNC) in Newark, California. We performed a geologic hazard evaluation and geotechnical investigation for the initial phase of the proposed development and presented our findings and recommendations in a report dated 24 September 2004.

Since we issued the September 2004 report we provided additional geotechnical consultation at the request of the design team as summarized below:

**Site Grading.** Provided consultation via email and conference calls regarding site grading for the selected option for mitigating the presence of pesticides and expansive soil. The September 2004 report presented several options regarding mitigation of the pesticides and expansive soil. The design team evaluated the available options and in December 2004, selected to remove the soil containing pesticides from the initial phase development area and place it in the southern portion of the site. Our recommendations regarding site grading for the selected option were presented in a draft letter dated 13 December 2004<sup>1</sup>.

**Groundwater Issues.** Provided consultation regarding groundwater issues and presented our conclusions to the project team via email dated 14 December 2004.

**Fire Truck Access Road Concrete Pavement.** At the request of Sandis Humber Jones we provided recommendations for the fire truck access road concrete pavement.

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<sup>1</sup> *Supplement No.1, Geologic Hazard Evaluation and Geotechnical Investigation, Initial Phase Development, Ohlone College Newark Center, Newark, California, draft letter dated 13 December 2004.*

Mr. Simon Barros, Jr.  
Ohlone Community College District  
7 January 2005  
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Our fee for the additional services provided to date is presented below:

### Site Grading

Maria Flessas	12.5 hours @ \$155/hr	\$1,937.50
Hadi J. Yap	1.5 hours @ \$195/hr	292.50
Technical Assistant	1.5 hour @ \$88/hr	<u>132.00</u>
	<b>Total Fee</b>	<b>\$2,362.00</b>

### Groundwater Issues and Fire Truck Access Road Concrete Pavement Design

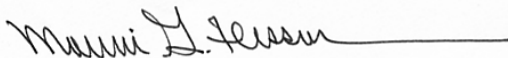
Maria Flessas	5.0 hours @ \$155/hr	\$775.00
Hadi J. Yap	0.5 hours @ \$195/hr	97.50
Technical Assistant	0.5 hours @ \$88/hr	<u>44.00</u>
	<b>Total Fee</b>	<b>\$916.50</b>

In addition to these services, we anticipate providing additional services during the design of OCNC initial phase development including:

- performing engineering analyses and providing consultation at the request of design team
- reviewing foundation and grading drawings and specifications for conformance with the geotechnical recommendations, and preparing plan review letters
- attending project meetings at the request of the design team

Our authorized budget does not include any consultation services during design. We therefore request our authorized budget be increased for providing consultation during design. We anticipate our total fee for providing consultation during design may be between \$7,000 to \$10,000. If you agree with the requested budget increase, please issue an addendum to our contract for an additional fee of \$10,000. If you have any questions, please call.

Sincerely yours,  
TREADWELL & ROLLO, INC.



Maria G. Flessas  
Geotechnical Engineer

Hadi J. Yap, PhD.  
Geotechnical Engineer

36300303.MGF

cc: Mr. Don Eichelberger – Stegman and Kastner, Inc.



JDH Corrosion Consultants  
Incorporated

January 18, 2005

Treadwell & Rollo  
555 Montgomery Street, Suite 1300  
San Francisco, CA 94111

**Attention:** Ms. Maria Flessas

**Subject:** Proposal for Corrosion Engineering Services  
Domestic and Fire Water Pipelines  
Ohlone College Project  
Newark, CA

Dear Maria,

Pursuant to your request, we are pleased to provide this scope of services and fee estimate to provide the requested corrosion engineering services for the above referenced project. Our firm has performed these same services for many similar projects throughout the Bay Area and thus we wish to assure you that we have the personnel and experience necessary to perform the services described herein in a timely and professional manner. Our anticipated scope of work will include the following:

### **SCOPE OF SERVICES**

#### **A. In-situ Soil Resistivity Survey & Report**

1. Conduct in-situ soil resistivities at select locations throughout the project site using the Wenner 4-pin technique. In-situ resistivities will be measured at 2.5', 5', 7.5', 10' and 15' depths using a suitable Resistivity Meter. Barnes layer calculations will be performed to determine the corrosivity of the different soil layers to the proposed pipeline materials. This data will be used to supplement the soil data from previous CERCO Analytical, Inc. reports and will be used for our design calculations for the cathodic protection system design. A letter of recommendations for long term corrosion control will be prepared based on the in-situ soil resistivity data and the soil chemical analysis data.

#### **B. Corrosion Monitoring & Control Design**

##### **1. Detailed Design**

Prepare detailed installation drawings and technical specifications for a corrosion control system for the subject domestic and fire water piping systems. All drawings and specifications shall be suitable for bidding purposes. Design drawings and specifications will be prepared in accordance with the project standards. All cathodic protection designs will be in accordance with **NACE Standard RP0169-02**. Design

**Treadwell & Rollo  
Ohlone College Project**

details will be prepared in Auto Cad Release 2000 format on project title block and can be electronically transmitted for inclusion into the project plans. Specs will be prepared in Word format and e-mailed to you as well.

2. Design Review Meetings

Attend design review meetings as requested.

3. Detailed Design Estimate

Prepare a detailed engineering cost estimate for supply of materials and installation of the proposed corrosion monitoring and cathodic protection systems.

**Fees, Terms and Conditions**

**JDH Corrosion Consultants, Inc.** will be pleased to provide the above-described corrosion engineering services for the following **Not-to-Exceed fees\***:

- A. In-situ Soil Resistivity Survey & Report \$ 1,750**
- B. Domestic & Fire Water Pipeline Corrosion Control Design \$ 3,250**

- *These fees include all engineering, laboratory and support services necessary to complete the work. Charges will accrue in accordance with our standard fee schedule attached. Invoices will be submitted for work performed on a monthly basis. All invoices are due and payable within 30 days of receipt.*

If you have any questions concerning this scope of work or fee estimate or if we can be of any additional assistance, please feel free to contact us at (925) 927-6630.

Respectfully submitted,

J. Darby Howard, Jr., P.E.  
**JDH CORROSION CONSULTANTS, INC.**  
Principal



**JDH Corrosion Consultants  
Incorporated**

## **CORROSION ENGINEERING SERVICES**

### **A. Fee Schedule**

<b><u>Personnel Charges</u></b>	<b><u>Rate Per Hour</u></b>
Principal Engineer	\$150.00
Project Engineer	\$135.00
Corrosion Engineer	\$120.00
Corrosion Technician	\$ 85.00
Field Technician	\$ 70.00
Drafting/AutoCad	\$ 65.00
Word Processing/Computer	\$ 50.00
 <b><u>Litigation</u></b>	
Depositions & Mediations	\$200.00
Court Appearance	\$275.00
 <b><u>Expenses</u></b>	
Subsistence (Room and Meals)	Cost
Mileage	\$0.35/mile
Travel (Airfare, etc.)	Cost + 5%
Reproduction, Outside Testing & Consulting Services	Cost + 5%

### **Notes:**

1. Effective Date: Nov. 1, 2003 thru Oct. 31, 2004
2. Payment Terms: Net 30 days

**New Office Address:**  
47 Quail Ct., Suite 111 Walnut Creek, CA 94596  
Tel. No.: 925.927.6630 Fax No.: 925.927.6634