



August 24, 2015

Edward Kao, PE  
Senior Civil Engineer  
City of Manhattan Beach  
3621 Bell Avenue  
Manhattan Beach, CA 90266

**Subject: Proposal to Provide Geotechnical Services for the 2013-2014 Water Main Replacement Project**

Dear Mr. Kao,

CivilSource, Inc. (CivilSource) is pleased to present this proposal to the City of Manhattan Beach (City) for geotechnical services for the subject project.

A detailed fee from our subconsultant Willdan Geotechnical is attached. The fee for this project would be as follows:

Willdan Geotechnical	\$18,240
CivilSource, Inc. (15% Consultant Fee)	<u>\$2,736</u>
<b>TOTAL FEE</b>	<b>\$20,976</b>

We thank you for the opportunity to submit our proposal and look forward to further discussions with you regarding your project. Should you have any questions or need additional information, please contact me at (949) 585-0477 or by email at amy@civil-source.com.

Respectfully submitted,  
CivilSource, Inc.

Amy Amirani, PE  
Principal

Enc: Willdan Geotechnical Proposal

**August 24, 2015**

Budget Estimate No. **15-126**

**CivilSource, Inc.**  
9930 Research Drive, Suite 200  
Irvine, CA 92618

Attention: Amy Amirani, P.E.

Subject: **Proposal Geotechnical and Materials Testing Services**  
2013-2014 Water Main Replacement Project, City of Manhattan Beach, California

### Introduction

Willdan Geotechnical is pleased to present this proposal with the estimated budget to provide geotechnical and materials testing services during the construction of 2013-2014 Water Main Replacement Project for City of Manhattan Beach, per Request for Proposal Dated August 4, 2015.

This proposal includes our understanding of the project, our proposed scope of work, an estimate of fees, important assumptions and limitations, and a summary of testing fees.

As a consultant and testing laboratory we don't have any control on the schedule of the construction, therefore this estimate is presented for budgeting purposes only. We understand that this is a **PREVAILING WAGE** project.

### Scope of Work

The following tasks will be provided:

- Soils technician for observation and testing of trench subgrade preparation, over-excavation if needed, backfill placement compaction and pavement reconstruction. Our staff will perform as needed field density tests per ASTM D1557 and ASTM 2922 to document the quality of subgrade preparation, engineered fill/backfill compaction to evaluate compliance with the project specifications.
- Provide engineering support, inspector/technician coordination, dispatch, material engineering review, test reporting, QA/QC, and administrative support services.
- Final Report
- We will promptly submit daily field-testing and inspection reports indicating information pertinent to the inspections performed and their compliance or non-compliance to the project documents and applicable codes. These will be provided to the owner, client and/or building official for review.
- Any inspection or field-testing activity performed outside of the scope contained herein will be charged on a time and material basis.

### Schedule

Willdan Geotechnical is prepared to begin our work upon receipt of your signed authorization and Notice to Proceed. We would appreciate at least 72 hours advance notice for scheduling of field personnel at the commencement of construction; work thereafter may be scheduled with 24-hour notice.

**Cost Estimate:**

**THIS IS A PREVAILING WAGE RATE PROJECT.**

The project progress will ultimately be dependent on the final construction schedule. **Weekends, holidays, and overtime hours are not included in this estimate.**

We estimate the fees for the above services to be Eighteen Thousand Two Hundred Forty Dollars (\$18,240.00) based on our best estimate. An itemized breakdown of the estimated fee for each type of inspection and testing is provided in the attached worksheet. Note there will be NO hidden charges on our invoices, Example: Invoice Fees.

If the scope of work, cost, and attached Standard Provisions are acceptable, please complete the authorization and agreement below and return one signed copy of this proposal as authorization to proceed.

On behalf of the principals and staff of Willdan Geotechnical, thank you for the opportunity to propose on this work. Please contact me if you have questions or need additional services.

Respectfully submitted,

Approval and Agreement:

**WILLDAN GEOTECHNICAL**

**CivilSource**



Ross Khiabani, P.E. G.E.  
Director of Geotechnical and  
Material Testing Services

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name & Title

\_\_\_\_\_  
Date

Enclosures: Basis of Charges – PREVAILING WAGE  
Breakdown of Estimated Fee  
Distribution: (1) Address



**BASIS OF CHARGES – PREVAILING WAGE**

**REGULAR WORK HOURS**

First 8 hours of Day Shift Monday through Friday, except holidays.

**TIME AND ONE HALF**

After 8 hours and up to 11 hours Monday through Saturday.

**DOUBLE TIME**

After 11 hours Monday through Saturday and Sundays.

**TRIPLE TIME**

Holidays: New Years, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving and the day after Thanksgiving, and Christmas Day, the first Saturday following the first Friday in the months of June and December, and after 11 hours on Sundays.

**MINIMUM HOURLY CHARGES**

1. Special Inspector / Field Technician (Field Time Only)

A. Cancellation of Inspections not canceled by 4:00 p.m. on preceding day 2 Hours

B. One-half working day or less 4 Hours

C. Over one-half working day/or begins before noon and extends into afternoon 8 Hours

2. Project Inspector (IOR)

A. Cancellation of Inspections not canceled by 4:00 p.m. on preceding day 4 Hours

B. One-half working day or less 4 Hours

C. Over one-half working day/or begins before noon and extends into afternoon 8 Hours

**CANCELLATIONS**

No Charge if made before 4:00 p.m. of the preceding day. See Minimum Charge.

**CYLINDER HOLDS**

All HOLDS will be disposed of after the 28-day break meets the required PSI, unless specified in writing by the client prior to the 28 day break. Long term or large amounts of HOLD cylinders may be subject to storage fees.

**OUTSIDE SERVICES**

Outside services requested by client performed by others and direct costs expended on the client's behalf are charged at cost plus 20%. These expenses include equipment rental, parking, subsistence, photographs, co-insurance endorsement, etc.

**MILAGE CHARGES**

Mileage for inspection / technician between 40 miles and 100 miles from Willdan's nearest office will be charged at \$.50 per mile. Any mileage over 100 is per quote basis.

**REPORTING**

All reports will be considered confidential information and be distributed to the client and those designated by Section 1701 UBC / Title 24, Part 1, CAC; unless authorized in writing by client.

**PAYMENT TERMS**

Payment will be due on receipt of invoice. Interest will be added to accounts 30 days in arrears for each month of delinquency; the maximum rate allowed by law will be added to the unpaid balance until paid in full. Any Attorney's fees or other costs incurred in collecting any delinquent accounts will be added to the amounts due and shall be paid by the party invoiced.

**PARKING**

When not furnished for the Inspector, parking charges will be reimbursed by the client.

**SUBSISTENCE**

When applicable, subsistence will be charged to the client / project by quotation.

**INSURANCE**

Willdan Geotechnical/ employees carry all insurance required by law. Any additional cost for special insurance required by the client, including increased policy limits, adding additional insured parties, and waivers of subrogation will be billed at cost plus 20 percent.

**LICENSES & PERMITS**

Any additional cost for special licenses or permits for a project will be billed at cost.

**PREVAILING WAGE**

The hourly rates provided are in compliance with prevailing wage requirements. As the rates for California Prevailing Wage increase, our hourly rates will increase accordingly.



# Water Main Construction

## Manhattan Beach. CA

### COST WORKSHEET PREVAILING WAGE

Willdan Geotechnical Proposal No.: 15-0126

Description	Unit	(\$ Per Unit	Qty.	Total
<b>GEOTECHNICAL SERVICES</b>				
Field Soil Technician	Hr	\$90.00	160	\$14,400.00
Field Vehicle Usage	Hr	\$5.00	160	\$800.00
Project Engineer	Hr	\$190.00	12	\$2,280.00
Maximum Dry Density ( 4" and 6" mold )	Ea	\$165.00	3	\$495.00
Expansion Index	Ea	\$125.00	1	\$125.00
Sand Equivalent	Ea	\$70.00	2	\$140.00
<b>GEOTECHNICAL SERVICES TOTAL</b>				<b>\$18,240.00</b>

**Total Bid Price \$ \$18,240.00**

The above schedule of charges is based on our 2015 Materials Inspection and Materials Testing Fee Schedule. The rate for an ICC certified special deputy inspector/technician for this project is \$90 per hour at a daily four-hour minimum. Any hours worked in excess of the four hour minimum/or begins before noon and extends into afternoon will be charged at the eight-hour daily rate. Same day cancellations will be charged as a four-hour minimum. Additional inspectors, overtime, and material testing not stated above will be provided as requested with fees as presented in the attached fee schedule. Our services are dependent upon the contractor's work schedule. Variances to the construction schedule resulting in additional hours, trips, or tests are subject to additional fees as shown in the above Estimate. All HOLD specimens will be disposed of after the 28-day break meets the required PSI, unless specified in writing by the client prior to the 28-day break. Long term or large amounts of HOLD specimens may be subject to storage fees.