

**THIRD AMENDMENT TO AGREEMENT FOR PROFESSIONAL SERVICES**

This Third Amendment ("Third Amendment") to the Agreement for Professional Services ("Agreement") is made and entered into in the County of Ventura, State of California, this \_\_\_\_\_ day of \_\_\_\_\_, 2011, by and between the City of Oxnard, a municipal corporation ("City"), and AECOM Technical Services, Inc. ("Consultant"). This Third Amendment amends the Agreement entered into on December 8, 2009, by City and Consultant. The Agreement was amended on July 27, 2010 by a First Amendment, and on September 22, 2010 by a Second Amendment.

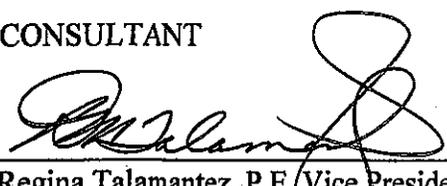
City and Consultant agree as follows:

1. In Section 1 of the Agreement, Exhibit A is supplemented by Exhibit A-2, attached hereto and incorporated herein by reference.
2. In Section 8 of the Agreement, Exhibit B is supplemented by Exhibit B-1, attached hereto and incorporated herein by reference.
3. In Section 12 of the Agreement, the date "June 30, 2012" is deleted and replaced with the date "December 31, 2012."
4. In Section 14a of the Agreement, the figure "\$3,310,500.02" is deleted and replaced with the figure "\$3,686,793.23." In Section 14a of the Agreement, Exhibit C is supplemented by Exhibit C-2, attached hereto and incorporated herein by reference.
5. As so amended, the Agreement remains in full force and effect.

CITY OF OXNARD

CONSULTANT

\_\_\_\_\_  
Dr. Thomas E. Holden, Mayor

  
\_\_\_\_\_  
Regina Talamantez, P.E. Vice President  
AECOM Technical Services, Inc.

ATTEST:

\_\_\_\_\_  
Daniel Martinez, City Clerk

APPROVED AS TO FORM:

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Alan Holmberg, City Attorney

APPROVED AS TO CONTENT:

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Matthew Winegar, Development Services  
Director

APPROVED AS TO INSURANCE:

---

James Cameron, Risk Manager

APPROVED AS TO AMOUNT:

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Edmund F. Sotelo, City Manager

**EXHIBIT A-2**  
**Scope of Services**  
**Construction Management for Rice / Santa Clara Interchange**  
**Over Highway 101**  
**Amendment No. 3**

July 14, 2011

**Scope of Work**

**1. Survey Work**

The City of Oxnard asked AECOM to assist with survey work because the City Surveyor did not have the time or manpower to do it. AECOM hired MNS Engineers Inc. to perform the following tasks:

- a) The designer of record, URS, requested survey topography of the existing fills around abutment #1 in order to better determine settlement periods.
- b) Topography survey for the northbound on-ramp R5 were requested by URS to verify the field conditions for a temporary one lane ramp design.
- c) The City of Oxnard asked AECOM to have MNS check the locations of the bent 2 piles in the middle of the freeway, this QA task was necessary for the bridge construction and pile driving operations.

**2. Critical Path Method (CPM) Scheduling Support**

AECOM requested the City of Oxnard's approval for additional CPM support in order to determine delay impacts, and produce Consultant's CPM schedule based on as-built conditions and baseline durations. A detailed scope of work is shown below

Work Description	Deliverables	Hours
<b>Review Bid Documents</b> <ul style="list-style-type: none"> <li>• Review plans, specification including addendums</li> <li>• Review bi-weekly utility coordination meeting minutes and related documents.</li> <li>• Examine and assemble relevant documents.</li> </ul>	None	56
<b>Time Impact Analysis (Allowance 80 Hours)</b> <ul style="list-style-type: none"> <li>• Perform as required Time Impact Analysis</li> <li>• Evaluate and identify party responsible for the delays.</li> <li>• Evaluate disputed and out of sequence of work.</li> </ul>	Reports & Schedule	80

<p><b>Meetings (Allowance 40 Hours)</b></p> <ul style="list-style-type: none"> <li>• As necessary on site meetings with Resident Engineer and Contractor.</li> <li>• Attend weekly meetings (as needed)</li> <li>• Meetings with City of Oxnard (as needed).</li> </ul>	None	40
<p><b>Special Reports and Studies (Allowance 40 Hours)</b></p> <ul style="list-style-type: none"> <li>• Prepare and present summary schedules, charts, exhibits and visual aids.</li> <li>• Support with preparation of in-house strategy session to determine most efficient sequence to build the project.</li> <li>• Prepare real time what if scenarios schedule to maximize efficiency and minimize construction time.</li> <li>• Owner caused delay calculation.</li> </ul>	As Required	40

Total            216 hrs

**3. Native American Monitoring**

The original estimate of forty (40) weeks for excavation and grading activity was calculated using the approved baseline schedule provided by the Contractor and the sequence of work as shown on the project staging plans. Settlement issues and re-staging of the project in order to mitigate some of the delays (utility relocation, redesign, settlement, etc) have caused the contractor to take longer than planned on excavations. Also, the potholing and redesign of the 45" waterline along Rice will increase the duration of these operations. Excavation and grading operations require a Native American Monitor to be present. AECOM considers these impacts as extra work that could not be foreseen at the beginning of this project.

**4. Addition of Project Personnel not Included in Original Cost Proposal**

AECOM waterline inspector Steve Certuche will be involved with the installation of the 16" and 45" waterlines. The duration of this work is approximately four months, the scope of this work increased as a result of the 45" waterline redesign along Rice Ave.

- A) Steve Certuche will replace AECOM inspector Evan Folk on Amendment #1.
- B) Remaining hours not used by Evan Folk (283 hr) will be deleted.
- C) Evan Folk's expended hours (47 hrs) will be adjusted to reflect prevailing wage

**5. Additional Material Testing required to complete the project**

The out of sequence work, utility issues, and settlement impacts have caused material testing operations to increase in scope. Test pile construction, piecemeal work at Santa Clara and at Auto Center Dr, piecemeal paving at various locations, additional waterline work, and re-compaction of fill removals, have created additional need for material testing on the project and laboratory hours. Material testing will be required throughout the duration of the project for earthwork, asphalt placement, and concrete pours.

**EXHIBIT B-1**  
**Schedule of Work**  
**Construction Management for Rice / Santa Clara Interchange**  
**Over Highway 101**  
**Amendment No. 3**

July 14, 2011

**Schedule of Work**

**1. Survey Topography**

Six days of Work. Work has been completed. This work was urgent to the City and the Designer.

**2. Additional Critical Path Method (CPM) Scheduling Support**

Twelve months (12), March 2011 to March 2012

**3. Native American Monitoring**

Starting March 1<sup>st</sup>, 2011, this work is not continuous, 33 weeks of work. Monitors are used "as needed" during excavations and grading.

**4. Addition of Project Personnel not Included in Original Cost Proposal**

Mid March 2011 through the end of June 2011 during 45" and 16" waterline work.

**5. Additional Material Testing Services**

Fifteen months (15), April 1<sup>st</sup> 2011 to June 2012. This work will be used as needed.



Exhibit C-2

Local Assistance Procedures Manual Exhibit 10-H

Rice Avenue / Santa Clara Avenue Interchange Improvements at Highway 101

CONTRACT NO. A-7235

7/14/11

Sub Contractor: MNS Engineers

DIRECT LABOR (SPECIFY)						
Classification	Name	Range		Hours	Hourly Rate Year Ending 2011	Total
Party Chief (PW)	MNS Engineers	2/1/2011	6/30/2011	12	\$125.00	\$ 1,500.00
Principal Surveyor	MNS Engineers	2/1/2011	6/30/2011	18	\$180.00	\$ 3,240.00
Supervising CADD Tech.	MNS Engineers	2/1/2011	6/30/2011	7.5	\$105.00	\$ 787.50
Survey Crew Party Chief (PW)	MNS Engineers	2/1/2011	6/30/2011	10.75	\$130.00	\$ 1,397.50
Survey Crew Chainman (PW)	MNS Engineers	2/1/2011	6/30/2011	13.75	\$110.00	\$ 1,512.50
<b>Subtotal Direct Labor Costs</b>						<b>\$ 8,437.50</b>
<b>Anticipated Salary Raise</b>						<b>\$ 0.00</b>
<b>Total Direct Labor Costs</b>						<b>\$ 8,437.50</b>
<b>Indirect Rate (Fringe Benefits + Overhead + General and Administrative) Rate</b>						<b>\$ 0.00</b>
<b>Fee (Profit)</b>						<b>\$ 0.00</b>
Other Direct Costs						
<b>Travel Costs (Form 60-2)</b>						<b>\$ 0</b>
<b>Equipment and Supplies (Form 60-2)</b>						<b>\$ 0.00</b>
<b>All Other Direct Costs (Form 60-2)</b>						<b>\$ 0.00</b>
<b>Total Other Direct Costs</b>						<b>\$ 0.00</b>
						<b>0.00</b>
						<b>0.00</b>
<b>TOTAL COST (Not to Exceed)</b>						<b>\$ 8,437.50</b>

PW: Covered under Prevailing Wage

AECOM does not add mark-ups on subs

Exhibit C-2

Local Assistance Procedures Manual Exhibit 10-H

Rice Avenue / Santa Clara Avenue Interchange Improvements at Highway 101

CONTRACT NO. A-7235

7/14/2011

Sub Contractor: R. Indigneous Consultants

**DIRECT LABOR (SPECIFY)**

Classification	Name	Range		Hours	Hourly Rate Year Ending 2011	Total
Native American Monitor	Randy Guzman Folkes	3/1/2011	9/30/2011	330	\$25.00	\$8,250.00
Native American Monitor	Joe Calderon	3/1/2011	9/30/2011	330	\$25.00	\$8,250.00
Native American Monitor	Steve Villa	3/1/2011	9/30/2011	330	\$25.00	\$8,250.00
Native American Monitor	Thomas Hammer	3/1/2011	9/30/2011	330	\$25.00	\$8,250.00

Subtotal Direct Labor Costs \$ 33,000.00

Anticlipted Salary Raise \$ 0.00

Total Direct Labor Costs \$ 33,000.00

Indirect Rate (Fringe Benefits + Overhead + General and Administrative) Rate 103.1% \$ 34,023.00

Fee (Profit) 8.0% \$ 5,361.84

**Other Direct Costs**

Travel Costs (Form 60-2) \$ 0

Equipment and Supplies (Form 60-2) \$ 0.00

All Other Direct Costs (See Form 60-2) \$ 0.00

Total Other Direct Costs \$ 0.00

TOTAL COST (Not to Exceed) \$ 72,384.84

AECOM does not add mark-ups on subs

Native American Monitoring scope increased due to utility relocation piecemeal work and settlement issues piecemeal work

Exhibit C-2

Local Assistance Procedures Manual Exhibit 10-H

Rice Avenue / Santa Clara Avenue Interchange Improvements at Highway 101

CONTRACT NO. A-7235

7/14/2011

Sub Contractor: Sequoia Consultants

DIRECT LABOR (SPECIFY)						
Classification	Name	Range		Hours	Hourly Rate Year Ending 2011	Total
Materials Tester	Steve Perez	4/1/2011	6/30/2012	780	\$99.00	\$ 77,220.00
Materials Tester	Alvin Perlás	4/1/2011	6/30/2012	775	\$99.00	\$ 76,725.00
						\$ 0.00
						\$ 0.00
						\$ 0.00
<b>Subtotal Direct Labor Costs</b>						<b>\$ 153,945.00</b>
<b>Anticipated Salary Raise</b>						<b>\$ 0.00</b>
<b>Total Direct Labor Costs</b>						<b>\$ 153,945.00</b>
<b>Indirect Rate (Fringe Benefits + Overhead + General and Administrative) Rate</b>					<b>0.0%</b>	<b>\$ 0.00</b>
<b>Fee (Profit)</b>					<b>0.0%</b>	<b>\$ 0.00</b>
Other Direct Costs						
<b>Travel Costs (Form 60-2)</b>						<b>\$ 0</b>
<b>Equipment and Supplies (Form 60-2)</b>						<b>\$ 0.00</b>
<b>All Other Direct Costs (See Form 60-2)</b>						<b>\$ 38,055.00</b>
<b>Total Other Direct Costs</b>						<b>\$ 38,055.00</b>
<b>TOTAL COST (Not to Exceed)</b>						<b>\$ 192,000.00</b>

Material testers are paid prevailing wage

Material Testers are part of Group 1 under the prevailing wage determinations made by the Director of Industrial Relations

All additional contributions to meet the prevailing wage requirements are made directly to the union (see certified payrolls)

Material Testing scope increased due to utility relocation piecemeal work and settlement issues piecemeal work



## Attachments

### Construction Management for Rice / Santa Clara Interchange Over Highway 101

#### Amendment No. 3

July 14, 2011

- Attachment 1-Prevailing wage determination from the Director of Industrial Relations (DIR) 2009
- Attachment 2-Prevailing Wage compliance letter from MNS Engineers
- Attachment 3- MNS Engineers proposal for the topographic surveys of northbound loop on-ramp (R5) and northbound on-ramp (R2)
- Attachment 4- MNS Engineers proposal for the layout of beat 2
- Attachment 5- MNS Engineers proposal for the topographic surveys on the south embankment
- Attachment 6-Sequoia Consultants proposal for the remaining scope of material testing work

**GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1**

**FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS**

**CRAFT: #BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER**

**DETERMINATION:** SC-23-63-2-2009-1D

**ISSUE DATE:** August 22, 2009

**EXPIRATION DATE OF DETERMINATION:** June 30, 2010\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Division of Labor Statistics and Research at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

**LOCALITY:** All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (Journey person)	Basic Hourly Rate	Health and Welfare	Employer Payments				Straight - Time		Overtime Hourly Rate		
			Pension	Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily (b)	Saturday (c)	Sunday/ Holiday
Classification Groups									1 1/2X	1 1/2X	2X
Group 1	\$37.61	\$8.20	\$5.55	\$2.82	\$0.65	\$0.17	8	\$55.00	\$73.805	\$73.805	\$92.61
Group 2	\$39.39	\$8.20	\$5.55	\$2.82	\$0.65	\$0.17	8	\$56.78	\$76.475	\$76.475	\$96.17
Group 3	\$41.39	\$8.20	\$5.55	\$2.82	\$0.65	\$0.17	8	\$58.78	\$79.475	\$79.475	\$100.17

# Indicates an apprenticeable craft. Effective as of July 1, 2008, the issuance and publication of the prevailing wage apprentice schedules/apprentice wage rates have been reassigned by the Department of Industrial Relations from the Division of Labor Statistics and Research to the Division of Apprenticeship Standards. To obtain any apprentice schedules/apprentice wage rates, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

\* Includes an amount withheld for supplemental dues.

<sup>b</sup> Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

<sup>c</sup> Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

**RECOGNIZED HOLIDAYS:** Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/DLSR/PWD>. Holiday provisions for current or superseded determinations may be obtained by contacting the Prevailing Wage Unit at (415) 703-4774.

**TRAVEL AND/OR SUBSISTENCE PAYMENT:** In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. Travel and/or subsistence requirements for each craft, classification or type of worker may be obtained from the Prevailing Wage Unit at (415) 703-4774. You may obtain the Travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/DLSR/PWD>. Travel and/or subsistence provisions for current or superseded determinations may be obtained by contacting the Prevailing Wage Unit at (415) 703-4774.

**CLASSIFICATIONS:**

**GROUP I**

Field Soils and Materials Tester  
Field Asphaltic Concrete (Soils and Materials Tester)  
Field Earthwork (Grading Excavation and Filling)  
Roof Inspector  
Water Proofer

**GROUP II**

AWS-CWI Welding Inspector  
Building / Construction Inspector  
Licensed Grading Inspector  
Reinforcing Steel  
Reinforced Concrete  
Pre-Tension Concrete  
Post-Tension Concrete  
Structural Steel and Welding Inspector  
Glue-Lam and truss Joints  
Truss-Type Joint Construction  
Shear Wall and Floor System used as diaphragms  
Concrete batch Plant  
Spray-Applied Fireproofing  
Structural masonry

**Group III**

Nondestructive Testing (NDT)

**GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1**

**FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS**

**CRAFT: #BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER (SPECIAL SHIFT)**

**DETERMINATION:** SC-23-63-2-2009-1D1

**ISSUE DATE:** August 22, 2009

**EXPIRATION DATE OF DETERMINATION:** June 30, 2010\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Division of Labor Statistics and Research at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

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CLASSIFICATION (Journey person)	Basic Hourly Rate	Employer Payments					Straight - Time		Overtime Hourly Rate		
		Health and Welfare	Pension	Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily	Saturday	Sunday/ Holiday
									(b)	(c)	
								1 1/2X	1 1/2X	2X	
<b>Classification Groups</b>											
Group 1	\$38.11	\$8.20	\$5.55	\$2.82	\$0.65	\$0.17	8	\$55.50	\$74.555	\$74.555	\$93.61
Group 2	\$39.89	\$8.20	\$5.55	\$2.82	\$0.65	\$0.17	8	\$57.28	\$77.225	\$77.225	\$97.17
Group 3	\$41.89	\$8.20	\$5.55	\$2.82	\$0.65	\$0.17	8	\$59.28	\$80.225	\$80.225	\$101.17

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<sup>a</sup> Includes an amount withheld for supplemental dues.

<sup>b</sup> Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

<sup>c</sup> Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

**RECOGNIZED HOLIDAYS:** Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/DLSR/PWD>. Holiday provisions for current or superseded determinations may be obtained by contacting the Prevailing Wage Unit at (415) 703-4774.

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Glue-Lam and truss Joints  
Truss-Type Joint Construction  
Shear Wall and Floor System used as diaphragms  
Concrete batch Plant  
Spray-Applied Fireproofing  
Structural masonry

**Group III**

Nondestructive Testing (NDT)

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PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1**

**FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS**

**CRAFT: #BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER (MULTI-SHIFT)**

**DETERMINATION:** SC-23-63-2-2009-1D2

**Issue Date:** August 22, 2009

**EXPIRATION DATE OF DETERMINATION:** June 30, 2010\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Division of Labor Statistics and Research at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

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			Pension	Vacation/ Holiday (a)	Training	Other Payments	Hous (d) Total Hourly Rate	Daily (b) 1 1/2X	Saturday (c) 1 1/2X	Sunday/ Holiday 2X	
Classification Groups											
Group 1	\$38.61	\$8.20	\$5.55	\$2.82	\$0.65	\$0.17	8	\$56.00	\$75.305	\$75.305	\$94.61
Group 2	\$40.39	\$8.20	\$5.55	\$2.82	\$0.65	\$0.17	8	\$57.78	\$77.975	\$77.975	\$98.17
Group 3	\$42.39	\$8.20	\$5.55	\$2.82	\$0.65	\$0.17	8	\$59.78	\$80.975	\$80.975	\$102.17

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<sup>c</sup> Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

<sup>d</sup> The Third Shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday through Friday.

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Shear Wall and Floor System used as diaphragms  
Concrete batch Plant  
Spray-Applied Fireproofing  
Structural masonry

**Group III**

Nondestructive Testing (NDT)



SANTA BARBARA  
201 N. Calle Cesar Chavez, Suite 300  
Santa Barbara, CA 93103  
805.692.6921 Phone

May 25, 2011

Mr. Andres Rolan, P.E.  
Construction Manager  
AECOM  
20 Empire Drive  
Lake Forest, CA 92630

**RE: CERTIFICATION OF PREVAILING WAGE COMPLIANCE  
US101/RICE AVENUE INTERCHANGE PROJECT**

Dear Mr. Rolan:

The purpose of this letter is to certify that MNS Engineers, Inc. will pay prevailing wages in compliance with the California Department of Industrial Relations (DIR) and applicable California prevailing wage law. This includes all field work performed on the US101/Rice Avenue interchange project.

Please let me know if you have any questions regarding this or if you require additional information.

Sincerely,

MNS ENGINEERS, INC.

A handwritten signature in black ink, appearing to read "James A. Salvito".

James A. Salvito  
President and CEO

Encl.

cc: Files  
Fred Tice, P.L.S., Principal Surveyor

P:\2010 PROJ\100046 RICE AVE AND 101 SURVEYING SERVICES\PROJ\100046.PR AECOM PW CERTIFICATION 101-RICE 05-25-2011.DOCX



VENTURA  
 16 North Oak Street, 2<sup>nd</sup> Floor  
 Ventura, CA 93001  
 805.648.4840 Phone

May 17, 2011

Andres Roldan  
 AECOM  
 20 Empire Drive  
 Lake Forest, CA 92630

**RE: City of Oxnard - Rice Avenue and 101 Interchange**  
 Cost Estimate for Surveying Services

Dear Mr. Roldan:

MNS Engineers, Inc. (MNS) is pleased to offer AECOM the following cost estimate for providing surveying services for the Topographic location mapping. Our experienced surveyors can fully address the project's needs in a timely and cost efficient manner. MNS is a certified SBE with the State of California.

The scope and fees for this project are detailed in Exhibit "A". This proposal is based on our current rate of \$235 per hour for a two-person survey crew. Our office fees are per the attached schedule of fees.

Invoicing would be monthly based on the percentage of work completed for each item shown in Exhibit A. We would expect to receive payment within thirty (30) days after your receipt of our invoice. Outside services will be invoiced directly to you through your suppliers or at "cost plus" when invoiced through MNS.

Insurance coverage provided by MNS and included in our offer of this proposal are \$1,000,000 for each General Liability, Personal Liability, Auto Liability, and Professional Liability. Upon request, we will provide a Certificate of Insurance for the insurance coverage listed above. Should you require additional coverage the costs that we incur from our insurance carriers will be invoiced at their direct costs and are not included in our fee quoted within this proposal.

Should this proposal meet with your approval, please sign below. Alternatively, you may wish to issue your own contract or you may sign an MNS "CELSOC Agreement between Client and Consultant".

Thank you for your consideration. We look forward to working with you.

Sincere regards,  
 MNS ENGINEERS, INC.

*Fred Tice*

Fred Tice, PLS  
 Principal Surveyor



VENTURA  
16 North Oak Street, 2<sup>nd</sup> Floor  
Ventura, CA 93001  
805.648.4840 Phone

## EXHIBIT A SCOPE OF SERVICES

City of Oxnard,  
Rice Avenue and Highway 101

### FIELD SURVEY SERVICES

The Field surveying cost estimate has been based on a site visit on 5/17/2011 with Andres Roldan of AECOM. AECOM will provide site control and the ACADD file for the topographic locations. This will be used to orient the locations as a base map. This work would be provided on a time and material basis as per attached fee schedule.

<b>Task 1</b>	<b>Topographic Locations</b>	<b>\$1,880</b>
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MNS Engineers will provide topographic locations in the R5, NB onramp area and the R2 NB onramp area. In the R5 area we will locate a Edison vault, 3-4 green utility boxes and 4 wooden posts. In the R2 area we will locate the entire fill that has been placed to date in the triangle area.  
(Estimate 8 hours of field time @ \$235 per hour)

<b>Task 2</b>	<b>Topographic map of surcharge area</b>	<b>\$1,050</b>
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MNS will provide an exhibit that shows the topo locations (R5) and the existing surface (R2) overlaid onto the appropriate layout sheets. We will use the provided ACADD file of the design for the base map for this exhibit.  
(Estimate 10 hours of office ACADD time @ \$105 per hour)

## EXHIBIT A

### Assumptions, Exclusions and Understandings

1. Work to be performed is strictly limited to those items detailed in the scope of work above. All work not set forth in the scope of work above shall be deemed additional work. Should the additional work be required, it is the responsibility of the contractor to initiate negotiations for such work. Additional work will be charged at regular hourly rates, per the attached fee schedule, and includes the time for travel to the jobsite. Additional work will not be commenced without written authorization from Contractor.
2. Items of work that are not clearly defined prior to the authorization to proceed will be performed on a time and material basis per attached fee schedule or upon such a lump sum addition to the contract, as agreed upon by the Contractor prior to proceeding with such items of work.
3. Work may be requested that, due to the Contractor's schedule, requires work to be performed during non-business hours. If such work is required, a request for a premium time may be made. Premium time shall be deemed extra work and will apply to scope items or non-scope items. Premium time will be paid at 150% of the hourly rates, as listed on our fee schedule.
4. Contract Payment and Reimbursable Expenses:
  - a) Payments are due and payable according to monthly billings as the work progresses, no retention.
  - b) Courier service, blueprinting, and reproduction cost are not included in the cost outlined above and shall be at the Contractor's expense. The cost for any outside services will be billed at their direct cost plus 15%.
5. Rates are as follows:

This proposal is based on our attached Schedule of Fees and field rate of \$235 per hour for a two-person survey crew.
6. Governmental agency fees or charges and/or deposits are the responsibility of the client.
7. Digital files for plans will be provided by the client prior to work proceeding.
8. All record documents that relate to the existing monumentation shown on the plans will be provided by the client prior to work proceeding.
9. The cost for the survey supplies are factored into each line item fee.
10. Monumentation not included in this cost estimate.

# MINS

## ENGINEERS INC

### STANDARD SCHEDULE OF FEES

*Effective July 1, 2010 through June 30, 2011*

#### Project Management

Principal-In-Charge .....	\$200
Senior Project Manager .....	190
Project Manager .....	175
Project Coordinator .....	95

#### Engineering

Principal Engineer .....	\$185
Supervising Engineer .....	165
Senior Project Engineer .....	150
Project Engineer .....	130
Associate Engineer .....	115
Assistant Engineer .....	100

#### Construction Management

Principal Construction Manager .....	\$185
Senior Construction Manager/RE .....	160
Resident Engineer .....	155
Construction Manager .....	150
Structure Representative .....	150
Assistant Resident Engineer .....	130
Construction Inspector .....	110
Construction Inspector (PW) .....	125
Office Engineer .....	105

#### Municipal Services

City Engineer .....	\$160
Deputy City Engineer .....	145
Assistant City Engineer .....	130
Plan Check Engineer .....	110
Permit Engineer .....	100
City Inspector .....	95
Planning Director .....	150
Senior City Planner .....	130
Grant Administrator .....	110
Assistant Planner .....	100

#### Geographic Information Systems (GIS)

GIS Manager .....	\$160
Senior GIS Analyst .....	135
GIS Analyst .....	110
Senior GIS Technician .....	95
GIS Technician .....	85

#### Surveying

Principal Surveyor .....	\$185
Supervising Surveyor .....	160
Senior Project Surveyor .....	140
Project Surveyor .....	130
Senior Land Title Analyst .....	125
Assistant Project Surveyor .....	115
Party Chief .....	125
Chairperson .....	110
One-Person Survey Crew .....	160

#### Planning Services

Principal Planner .....	\$150
Senior Planner .....	130
Project Planner .....	110
Assistant Planner .....	100
Planning Technician .....	85

#### Geotechnical Engineering/Material Testing

Principal Geotechnical Engineer/Geologist .....	\$180
Supervising Geotechnical Engineer/Geologist .....	150
Senior Geotechnical Engineer/Geologist .....	130
Project Geotechnical Engineer/Geologist .....	115
Staff Geotechnical Engineer/Geologist .....	105
Senior Field Technician (PW) .....	115
Special Inspector .....	105
Field Technician .....	85
Laboratory Technician .....	80

#### Technical Support

CADD Manager .....	\$135
Visualization Technician .....	125
Supervising CADD/Engineering Technician .....	105
Senior CADD/Engineering Technician .....	95
CADD/Engineering Technician .....	85

#### Direct Expenses:

Use of outside consultants as well as copies, blueprints, survey stakes, monuments, computer plots, telephone, travel (out of area) and all similar charges directly connected with the work will be charged at cost plus fifteen percent (15%). If applicable mileage will be charged at \$.585 per mile. Does not apply for this project. Expert Witness services will be charged at three (3) times listed rate and will include all time for research, deposition, court appearance and expert testimony.

#### Prevailing Wage Rates:

MNS surveyors are signatory to IUOE Local 12. A 2 person survey crew is \$235 per hour.



VENTURA  
 16 North Oak Street, 2<sup>nd</sup> Floor  
 Ventura, CA 93001  
 805.648.4840 Phone

April 28, 2011

Andres Roldan  
 AECOM  
 20 Empire Drive  
 Lake Forest, CA 92630

**RE: City of Oxnard - Rice Avenue and 101 interchange**  
 Cost Estimate for Surveying Services

Dear Mr. Roldan:

MNS Engineers, Inc. (MNS) is pleased to offer AECOM the following cost estimate for providing surveying services for the layout the columns of Bent #2. Our experienced surveyors can fully address the project's needs in a timely and cost efficient manner. MNS is a certified SBE with the State of California.

The scope and fees for this project are detailed in Exhibit "A". This proposal is based on our current rate of \$235 per hour for a two-person survey crew. Our office fees are per the attached schedule of fees.

Invoicing would be monthly based on the percentage of work completed for each item shown in Exhibit A. We would expect to receive payment within thirty (30) days after your receipt of our invoice. Outside services will be invoiced directly to you through your suppliers or at "cost plus" when invoiced through MNS.

Insurance coverage provided by MNS and included in our offer of this proposal are \$1,000,000 for each General Liability, Personal Liability, Auto Liability, and Professional Liability. Upon request, we will provide a Certificate of Insurance for the insurance coverage listed above. Should you require additional coverage the costs that we incur from our insurance carriers will be invoiced at their direct costs and are not included in our fee quoted within this proposal.

Should this proposal meet with your approval, please sign below. Alternatively, you may wish to issue your own contract or you may sign an MNS "CELSOC Agreement between Client and Consultant".

Thank you for your consideration. We look forward to working with you.

Sincere regards,  
 MNS ENGINEERS, INC.

*Fred Tice*

Fred Tice, PLS  
 Principal Surveyor



VENTURA  
16 North Oak Street, 2<sup>nd</sup> Floor  
Ventura, CA 93001  
805.648.4840 Phone

## EXHIBIT A SCOPE OF SERVICES

City of Oxnard,  
Rice Avenue and Highway 101

### FIELD SURVEY SERVICES

The Field surveying cost estimate has been based on a site visit on 4/28/2011 with Andres Roldan of AECOM and Security Paving. AECOM will provide site control and the ACADD file for the alignments and plans. This work would be provided on a time and material basis as per attached fee schedule.

**Task 1 Office calculations for Bent layout \$690-920**

MNS Engineers will review ACAD files, structural plans and control provided by AECOM. We will calculate the positions of the 4 bents as per plan sheet 439 of 476 approval date 12/17/2008.  
(Estimate 6-8 hours of office time @ \$115 per hour)

**Task 2 Verify Control and Bent layout \$1410-\$1880**

MNS will verify provided control and layout the centerline of the 4 columns on bent #2. Two offsets will be set to the centerline of each column as per direction from the contractor. We will also set the angle point of bent #2 at the station 99+99.408 on the "R" A" alignment and a prods of the two bearings of bent #2, N85-26-30W to the east end and N85-00-31W to the west end. These points will also be graded to the cut off elevation of 22.500 as per plan sheet 447. A cut sheet will be provided.  
(Estimate 6-8 hours of field time for a 2 person crew @ \$235 per hour)

## EXHIBIT A

### Assumptions, Exclusions and Understandings

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4. Contract Payment and Reimbursable Expenses:
  - a) Payments are due and payable according to monthly billings as the work progresses, no retention.
  - b) Courier service, blueprinting, and reproduction cost are not included in the cost outlined above and shall be at the Contractor's expense. The cost for any outside services will be billed at their direct cost plus 15%.
5. Rates are as follows:

This proposal is based on our attached Schedule of Fees and field rate of \$235 per hour for a two-person survey crew.
6. Governmental agency fees or charges and/or deposits are the responsibility of the client.
7. Digital files for plans will be provided by the client prior to work proceeding.
8. All record documents that relate to the existing monumentation shown on the plans will be provided by the client prior to work proceeding.
9. The cost for the survey supplies are factored into each line item fee.
10. Monumentation not included in this cost estimate.



VENTURA  
 16 North Oak Street, 2<sup>nd</sup> Floor  
 Ventura, CA 93001  
 805.646.4640 Phone

February 8, 2011

Andres Roldan  
 AECOM  
 20 Empire Drive  
 Lake Forest, CA 92630

**RE: City of Oxnard - Rice Avenue and 101 Interchange**  
 Cost Estimate for Surveying Services

Dear Mr. Roldan:

MNS Engineers, Inc. (MNS) is pleased to offer AECOM the following cost estimate for providing surveying services for the Topographic location mapping. Our experienced surveyors can fully address the project's needs in a timely and cost efficient manner. MNS is a certified SBE with the State of California.

The scope and fees for this project are detailed in Exhibit "A". This proposal is based on our current rate of \$235 per hour for a two-person survey crew. Our office fees are per the attached schedule of fees.

Invoicing would be monthly based on the percentage of work completed for each item shown in Exhibit A. We would expect to receive payment within thirty (30) days after your receipt of our invoice. Outside services will be invoiced directly to you through your suppliers or at "cost plus" when invoiced through MNS.

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Thank you for your consideration. We look forward to working with you.

Sincere regards,  
 MNS ENGINEERS, INC.

*Fred Tice*

Fred Tice, PLS  
 Principal Surveyor



VENTURA  
16 North Oak Street, 2nd Floor  
Ventura, CA 93001  
805.648.4840 Phone

## EXHIBIT A SCOPE OF SERVICES

City of Oxnard,  
Rice Avenue and Highway 101

### FIELD SURVEY SERVICES

The Field surveying cost estimate has been based on a site visit on 2/4/2011 with Andres Roldan of AECOM. AECOM will provide site control and the ACADD file for the topographic locations. This will be used to orient the locations as a base map. This work would be provided on a time and material basis as per attached fee schedule.

**Task 1 Topographic Locations** **\$1,410-\$1,880**

MNS Engineers will provide topographic locations for the area on the south and east side of the project as outlined in the field and as per highlighted exhibit "Figure 1, Settlement monitoring points". This area is the surcharge area for the bridge abutment. (Estimate 6-8 hours of field time @ \$235 per hour)

**Task 2 Topographic map of surcharge area** **\$570-\$760**

MNS will provide an exhibit that shows the existing surface overlaid onto the bridge design. We will use the provided ACADD file of the design for the base map for this exhibit. (Estimate 6-8 hours of office ACADD time @ \$95 per hour)

## EXHIBIT A

### Assumptions, Exclusions and Understandings

1. Work to be performed is strictly limited to those items detailed in the scope of work above. All work not set forth in the scope of work above shall be deemed additional work. Should the additional work be required, it is the responsibility of the contractor to initiate negotiations for such work. Additional work will be charged at regular hourly rates, per the attached fee schedule, and includes the time for travel to the jobsite. Additional work will not be commenced without written authorization from Contractor.
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8. All record documents that relate to the existing monumentation shown on the plans will be provided by the client prior to work proceeding.
9. The cost for the survey supplies are factored into each line item fee.
10. Monumentation not included in this cost estimate.



## STANDARD SCHEDULE OF FEES- SURVEYING

Effective July 1, 2010 through June 30, 2011

### Project Management

Principal-In-Charge .....	\$200
Senior Project Manager .....	190
Project Manager .....	175
Project Coordinator .....	95

### Surveying

Principal Surveyor .....	\$180
Supervising Surveyor .....	160
Senior Project Surveyor .....	140
Project Surveyor .....	130
Senior Land Title Analyst .....	125
Assistant Project Surveyor .....	115
Party Chief (PW) .....	125
Chainperson (PW) .....	110
One-Person Survey Crew (PW) .....	160
Survey Technician .....	70
Assistant Planner .....	100
Planning Technician .....	85

### Geographic Information Systems (GIS)

GIS Manager .....	\$160
Senior GIS Analyst .....	135
GIS Analyst .....	110
Senior GIS Technician .....	95
GIS Technician .....	85

### Technical Support

CADD Manager .....	\$135
Visualization Technician .....	125
Supervising CADD/Engineering Technician .....	105
Senior CADD/Engineering Technician .....	95
CADD/Engineering Technician .....	85

### Direct Expenses:

Use of outside consultants as well as copies, blueprints, survey stakes, monuments, computer plots, telephone, travel (out of area) and all similar charges directly connected with the work will be charged at cost plus fifteen percent (15%). Mileage will be charged at \$.585 per mile.

### Prevailing Wage Rates:

Prevailing wage rates for specific staff classifications are indicated by (PW).

**SEQUOIA  
Consultants**

Attachment 6

Engineers, Inspectors and Testing Labs

March 15, 2011

Andres Roldan, PE, Resident Engineer  
AECOM / LAN Engineering  
211 Auto Center Drive, Suite 116  
Oxnard, CA 93030

**RE: Materials Testing Services  
Rice Avenue/US-101 Interchange Improvements**

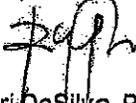
Dear Andres,

We hereby request an amendment to our materials testing services contract for the Rice Avenue/US-101 Interchange project.

Our request for additional funds is based on both increased scope and issues relating to contractor's sequencing and schedule of work. These include the out of sequence work, utility issues, and settlement impacts that have contributed to an increase in scope for our services. Test pile construction, piecemeal work at Santa Clara and at Auto Center Drive piecemeal paving at various locations, additional waterline work, and re-compaction of fill removals, have created additional need for materials testing service hours. As you are aware, continuous material testing services will be required throughout the duration of the project for earthwork, asphalt placement, and concrete pours.

Based on the information available to date, we have estimated an additional \$192,000 to get through the remainder of the project. We appreciate your processing of an extension to the contract in the stated amount.

Respectfully submitted,  
**Sequoia Consultants, Inc.**

  
Pri DeSilva, PE  
Principal Engineer

