

Contract Summary Form

OC Expediter Requisition # 1723118

HDR Engineering, Inc.

SUMMARY OF SIGNIFICANT CHANGES

N/A

SUBCONTRACTORS

1. This contract includes the following subcontractors or passes through to other providers:

Subcontractors	Services	Amount
GUIDA 220 Commerce, Suite 150, Irvine, CA 92602	Survey	\$ N/A
NUVIS 20250 SW Acacia Street, Suite 260, Newport Beach, CA 92660	Landscape Architecture	\$ N/A

CONTRACT OPERATING EXPENSES

HDR ENGINEERING, INC.	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Principal	\$340
Project Manager	\$325
Sr. Quality Manager	\$290
Sr. Task Manager	\$350
Task Manager	\$250
Sr. Highway Designer	\$190
Highway EIT	\$125
Highway Engineer 1	\$200
Highway Engineer 2	\$220
Highway Engineer 3	\$250
Sr. Highway Engineer	\$300
Construction Manager	\$375
Sr. Construction Manager	\$420
Traffic Technical Advisor	\$420
Environmental	\$260
Sr. Environmental	\$300
CADD	\$200
RES Manager	\$215
Project Accountant	\$125
Sr. Project Accountant	\$155

* Subcontractor- GUIDA (Land Surveying, Mapping, and Geospatial Services) (*** = Prevailing Wage)	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Survey Project Manager	\$300
Senior Project Surveyor	\$265
Project Surveyor	\$215
Senior Survey Analyst	\$195
Survey Analyst	\$175
Survey Technician	\$155
Survey Intern	\$115
Project Coordinator	\$155
1-Man Survey Crew ***	\$255
2-Man Survey Crew ***	\$420
3-Man Survey Crew ***	\$560
1-Man Mark and Locate Crew	\$255
2-Man Mark and Locate Crew	\$420

* NUVIS (Landscape Architecture)	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Corporate Principal	\$222
Principal	\$190
Sr. Associate/Sr. Irrigation	\$174
Associate	\$158
CAD Tech I	\$148
CAD Tech II	\$137
Administration	\$106

Maximum Allowable Compensation of Two Million, Seven Hundred Thousand Dollars (\$2,700,000.00)

Contract Summary Form

OC Expediter Requisition # 1723118

Mark Thomas & Company, Inc.

SUMMARY OF SIGNIFICANT CHANGES

N/A

SUBCONTRACTORS

1. This contract includes the following subcontractors or passes through to other providers:

Subcontractors	Services	Amount
CWE 1561 E. Orangethorpe Ave, Suite 240, Fullerton, CA 92831	Drainage and Water Quality Support	\$ N/A
GPA Consulting, Inc. 617 S. Olive St, Suite 910, Los Angeles, CA 90014	Environmental Support	\$ N/A
Earth Mechanics, Inc. (EMI) 17800 Newhope St, Suite B, Fountain Valley, CA 92708	Geotechnical Support	\$ N/A
Monument ROW 200 Spectrum Center Suite 300, Irvine CA 92618	Right of Way Support	\$ N/A

CONTRACT OPERATING EXPENSES

MARK THOMAS & COMPANY, INC.	
<u>Classification Titles</u>	<u>Hourly Rate</u>
ENGINEERING SERVICES	
Engineering Manager	\$350
Sr. Project Manager	\$300
Sr. Technical Lead	\$280
Project Manager	\$261
Technical Lead	\$249
Sr. Project Engineer	\$226
Sr. Technical Engineer	\$219
Project Engineer	\$187
Civil Engineering Designer	\$200
Design Engineer II	\$152
Design Engineer I	\$126
CADD Manager	\$258
Sr. Technician	\$190

Technician	\$123
Intern	\$74
LANDSCAPE ARCHITECTURE/URBAN DESIGN	
LAUD Division Manager	\$323
Sr. LAUD Project Manager	\$300
LAUD Project Manager	\$232
Sr. Landscape Architect	\$200
Landscape Architect	\$161
Landscape Designer II	\$129
Landscape Designer I	\$97
Landscape Intern	\$81
SURVEYING	
Survey Division Manager	\$397
Survey Manager II	\$294
Survey Manager I	\$252
Project Surveyor III	\$239
Project Surveyor II	\$239
Project Surveyor I	\$197
Asst Surveyor III	\$184
Asst Surveyor II	\$152
Asst Surveyor I	\$139
Survey Specialist III	\$223
Survey Specialist II	\$181
Survey Specialist I	\$148
Lead Survey Technician	\$152
Survey Technician III	\$155
Survey Technician II	\$132
Survey Technician I	\$84
SUE Program Manager	\$297
Utility Locator (South)	\$268
Chief of Party (OE12)	\$223
Instrumentperson (OE12)	\$200
Chainperson (OE12)	\$194
Apprentice (OE12)	\$145
CONSTRUCTION MANAGEMENT	
Division Manager - CM	\$397
Area Manager - CM	\$355
Construction Manager	\$323
Sr. Resident Engineer	\$378
Resident Engineer	\$326
Asst. Resident Engineer	\$213
Sr. Inspector - CM	\$281
Inspector - CM	\$197
Office Engineer	\$178
PLANNING AND GRANT WRITING	
Division Manager - PL	\$313
Sr. Project Manager - PL	\$316
Project Manager - PL	\$197
Sr. Planner	\$174
Planner II	\$139
Planner I	\$103

Economist	\$132
Funding Manager	\$378
Sr. Funding Specialist	\$258
Funding Specialist	\$187
PROJECT SUPPORT/COORDINATION SERVICES	
Project Accountant Manager	\$245
Project Delivery Manager	\$239
Sr. Project Accountant	\$187
Project Accountant	\$152

Sr. Project Coordinator	\$168
Project Coordinator	\$145
Sr. Project Assistant	\$145
Project Assistant	\$107
Sr. Technical Writer	\$145
Technical Writer	\$129
Sr. Graphic Manager	\$219
Sr. Graphic Designer	\$158
Graphic Designer	\$126
Survey Coordinator	\$123

*Subcontractor - CWE (Drainage & Water Quality Engineering)	
Classification Titles	Hourly Rate
Engineer/Scientist	Rate/Hour
Principal	\$350
Senior Project Manager	\$300
Project Manager	\$280
Technical Manager	\$276
Task Leader	\$266
Principal Engineer	\$232
Senior Engineer	\$215
Project Engineer	\$200
Staff Engineer	\$165
Assistant Engineer	\$133
Senior Environmental Scientist	\$214
Environmental Scientist	\$180
Environmental Analyst	\$150
CONSTRUCTION SERVICES	
Construction Manager	\$261
Senior Construction Inspector	\$204
Construction Inspector	\$190
FIELD SURVEY	
Licensed Surveyor	\$240
3-Person Survey Crew	\$451
2-Person Survey Crew	\$369
SUPPORT SERVICES	
GIS Specialist	\$164
Senior Engineering Technician	\$132
Engineering Technician	\$108

CADD Designer	\$116
Project Coordinator	\$154
Graphic Designer	\$142
Administrative Assistant	\$134
GENERAL	
Direct Expenses	Cost + 10%
Subcontract Services	Cost + 10%
Mileage	Current IRS Rate
B&W Photocopies (per page)	\$0.10
Color Photocopies (per page)	\$0.50

*Subcontractor- Earth Mechanics, Inc. (Geotechnical Engineering)	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Principal/Senior Consultant	\$345.00
Senior Principal Engineer/Geologist	\$344.00
Principal Engineer/Geologist	\$267.00
Senior Engineer/Geologist	\$256.00
Senior Project Engineer/Geologist	\$198.00
Project Engineer/Geologist	\$197.00
Senior Staff Engineer/Geologist	\$175.00
Staff Engineer/Geologist	\$138.00
Senior Technician	\$177.00
Technician I*	\$100.00
Project Analyst/Controls	\$158.00

*Subcontractor- GPA Consulting (Environmental Services)	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Principal Environmental Planner	\$365.00
Senior Associate Environmental Planner	\$240.00
Senior Environmental Planner	\$210.00
Associate Environmental Planner	\$150.00
Environmental Planner	\$125.00
Senior Associate Biologist	\$240.00
Senior Biologist	\$210.00
Associate Biologist	\$150.00
Biologist	\$125.00
Principal Architectural Historian	\$345.00
Senior Associate Arch. Historian	\$230.00
\$190.00/hr.	\$190.00
Associate Architectural Historian	\$150.00
Architectural Historian II	\$125.00
Architectural Historian I	\$110.00
Project Coordinator	\$140.00
Senior GIS Analyst	\$190.00
Associate GIS Analyst/Biologist	\$150.00
Administrative Assistant/ Clerical	\$90.00
Intern	\$75.00

*Subcontractor- Monument (Right-of-way)	
Classification Titles	Hourly Rate
Principal	\$310.00
Project Director	\$250.00
Program Manager	\$230.00
Senior Project Manager / Sr. Utility Project Manager	\$220.00
ROW Project Manager 2 / Utility Project Manager 2	\$200.00
ROW Project Manager 1 / Utility Project Manager 1	\$170.00
Utility Coordinator	\$140.00
Senior Acquisition Agent / Senior Relocation Agent / Senior Analyst	\$150.00
Acquisition Agent 2 / Relocation Agent 2 / Property Manager	\$130.00
Acquisition Agent 1/ Relocation Agent 1	\$120.00
Senior Project Coordinator	\$135.00
Project Coordinator 2	\$120.00
Project Coordinator 1	\$110.00
Senior Project Analyst	\$150.00
Project Analyst 2	\$135.00
Project Analyst 1	\$110.00
Researcher	\$95.00
Professional Staff	\$90.00
Project Controller 2	\$105.00
Project Controller 1	\$80.00
Project Support Specialist 3	\$100.00
Project Support Specialist 2	\$90.00
Project Support Specialist 1	\$80.00

Maximum Allowable Compensation of Two Million, Seven Hundred Thousand Dollars (\$2,700,000.00)

Contract Summary Form

OC Expediter Requisition # 1723118

Michael Baker International, Inc.

SUMMARY OF SIGNIFICANT CHANGES

N/A

SUBCONTRACTORS

1. This contract includes the following subcontractors or passes through to other providers:

Subcontractors	Services	Amount
Arellano Associates 5851 Pine Avenue, Suite A Chino Hills, CA 97109	Public Outreach	\$ N/A
GMU Engineers & Geologists 30336 Esperanza Rancho Santa Margarita, CA 92688	Geotechnical and Pavement Engineering	\$ N/A
JMC ² Engineering 411 N. Harbor Blvd. Ste. 201 San Pedro, CA 90731	Utilities Related Services	\$ N/A
Monument 200 Spectrum Center Suite 300 Irvine, CA 92618	Real Estate and Right of Way Services	\$ N/A
Value Management Strategies 350 W. 5 th Street Suite 330 Escondido, CA 92025	Value Analysis	\$ N/A
Zone Traffic Engineering 4803 34 th Street San Diego, CA 92116	Traffic Control	\$ N/A

CONTRACT OPERATING EXPENSES

MICHAEL BAKER INTERNATIONAL, INC. – Prime Contractor	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Principal	\$350.00
Senior Technical Manager	\$330.00
Technical Manager/Senior Landscape Architect	\$310.00
Senior Project Manager	\$295.00
Senior Structural Engineer	\$275.00
Project Manager/QA-QC Lead	\$255.00

Senior Engineer/Senior Planner	\$240.00
Structural Engineer	\$225.00
Project Engineer/Landscape Architect	\$215.00
Design Engineer/Senior Designer/Landscape Architect	\$195.00
Designer/Technician	\$180.00
Project Planner	\$165.00
CADD Technician	\$150.00
Assistant Engineer/Assistant Planner	\$135.00
Office Support/Clerical	\$120.00
Survey Manager	\$350.00
2-Person Survey Crew	\$350.00
1-Person Survey Crew	\$230.00
Licensed Surveyor	\$210.00
Project Manager-Survey	\$290.00
Construction Manager	\$300.00
Resident Engineer II/Construction Inspector II	\$230.00
Resident Engineer I/Construction Inspector I	\$180.00
Field Office Engineer	\$210.00

***ARELLANO ASSOCIATES
(Public Outreach)**

<u>Classification Titles</u>	<u>Hourly Rate</u>
Project Manager	\$227.89
Deputy Project Manager	\$176.62
Senior Project Coordinator	\$150.98
Project Coordinator	\$111.10
Assistant Project Coordinator	\$82.61

***GMU GEOTECHNICAL
(Geotechnical Investigation / Report)**

<u>Classification Titles</u>	<u>Hourly Rate</u>
Document Preparation and Project Services	\$ 110.00/hour
CAD/GIS Design Engineer	\$ 132.00/hour
Staff Engineer or Geologist	\$ 175.00/hour
Senior Staff Engineer or Geologist	\$ 192.00/hour
Project Engineer or Geologist	\$ 215.00/hour
Senior Engineer or Geologist	\$ 255.00/hour
Associate Engineer or Geologist	\$ 272.00/hour
Principal/Director	\$ 295.00/hour
Staff Engineering Technician (Non Prevailing Wage Rate)	\$ 110.00/hour
Senior Engineering Technician (Non Prevailing Wage Rate)	\$ 130.00/hour
Staff Engineering Technician (Prevailing Wage Rate)	\$ 149.00/hour
Senior Engineering Technician (Prevailing Wage Rate)	\$ 169.00/hour
Registered Special Inspector (Non Prevailing Wage Rate)	\$ 130.00/hour
Registered Special Inspector (Prevailing Wage Rate)	\$ 169.00/hour

Instrumentation Engineer	\$ 175.00/hour
Engineering Seismological Technician	\$ 175.00/hour
Laboratory Technician	\$ 175.00/hour

*JMC² (Utilities)	
<u>Classification Titles</u>	<u>Hourly Rate</u>
EXPERT WITNESS	\$400.00
PRINCIPAL-IN-CHARGE	\$300.00
DEPARTMENT HEAD	\$250.00
SENIOR PROJECT MANAGER	\$225.00
PROJECT MANAGER	\$210.00
PROJECT ENGINEER	\$195.00
ENGINEER III	\$180.00
ENGINEER II	\$165.00
ENGINEER I	\$150.00
CAD MANAGER	\$165.00
DRAFTER/CAD OPERATOR	\$135.00
ADMINISTRATIVE/COORDINATOR	\$100.00
EXPERT WITNESS	\$400.00
Reimbursable Expenses: In-house large format copy service: In-house black and white plots: In-house color plots: Color Copies:	Per Unit Charge \$5/print \$30/plot \$60/plot \$0.65/page

*JMC² (Utilities)	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Outside printing/media services:	Actual Cost
Postage/delivery service (1):	Actual Cost
Travel: Air Fare, Car Rental, Meals, Lodging:	Actual Cost
Company Vehicle:	IRS Rate

*MONUMENT (Right of Way / Utility Support)	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Right of Way Management & Implementation	
Principal	\$310.00
Project Director	\$250.00
Program Manager	\$230.00
Senior Project Manager / Sr. Utility Project Manager	\$220.00
ROW Project Manager 2 / Utility Project Manager 2	\$200.00
ROW Project Manager 1 / Utility Project Manager 1	\$170.00
Utility Coordinator	\$140.00

Senior Acquisition Agent / Senior Relocation Agent / Senior Analyst	\$150.00
Acquisition Agent 2 / Relocation Agent 2 / Property Manager	\$130.00
Acquisition Agent 1/ Relocation Agent 1	\$120.00
Senior Project Coordinator	\$135.00
Project Coordinator 2	\$120.00
Project Coordinator 1	\$110.00
Senior Project Analyst	\$150.00
Project Analyst 2	\$135.00
Project Analyst 1	\$110.00
Researcher	\$95.00
Project Support / Administrative	
Professional Staff	\$90.00
Project Controller 2	\$105.00
Project Controller 1	\$80.00
Project Support Specialist 3	\$100.00
Project Support Specialist 2	\$90.00
Project Support Specialist 1	\$80.00

- (1) The above hourly rates are exclusive of local travel/mileage, photocopying, first class postage and overnight courier service. These expenses including out-of-pocket expenses such as pre-approved travel and lodging, outside exhibit preparation, requested overnight courier or registered and/or certified mail (return receipt requested) charges, and specialty reproduction (unless otherwise specified) are in addition to the contract amount and will be charged at cost. Subcontracted services, other than those listed above, will be invoiced at cost.
- (2) In the event Monument is required to perform any act in relation to litigation arising out of any project with the Client (for example, expert consulting, responding to a complaint, or proceeding with discovery and trial), such services are not part of this contract, nor are they part of our normal fees. If required, these types of services will be invoiced at two times the regular hourly rates.
- (3) Written communication services in other languages would be an additional cost and would be billed separately based on quoted hourly rates by independent translation services. Verbal communication in Spanish, if necessary, will be included at no additional charge.

*VALUE MANAGEMENT STRATEGIES (Value Engineering)	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Principal	\$563.42
CVS Team Leader	\$397.95
Quality Manager	\$137.73
Sr. Project Coordinator	\$234.00
Project Coordinator	\$101.37

*ZONE TRAFFIC ENGINEERING CONSULTING (Traffic Control / Signing & Striping)	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Principal Traffic Engineer	\$250 / hr
Project Manager	\$200 / hr
Project Engineer	\$150 / hr
Engineering Assistant	\$125 / hr
CAD Drafter	\$100 / hr

Engineering Intern	\$75 / hr
Administrative Support	\$75 / hr
Mileage Reproduction Traffic Counts/Data Collection	IRS Rate Actual Cost Actual Cost

Maximum Allowable Compensation of Two Million, Seven Hundred Thousand Dollars (\$2,700,000.00)

Contract Summary Form

OC Expediter Requisition # 1723118

PSOMAS

SUMMARY OF SIGNIFICANT CHANGES

N/A

SUBCONTRACTORS

1. This contract includes the following subcontractors or passes through to other providers:

Subcontractors	Services	Amount
GMU Engineers & Geologists 30336 Esperanza, Rancho Santa Margarita, CA 92688	Geotechnical Engineering Pavement Engineering Geological Services	\$ N/A
Value Management Strategies, Inc. 350 W. Fifth Ave., Suite 330, Escondido, CA 92025	Plan, Facilitate, Document Value Engineering Study	\$ N/A
Lynn Capouya, Inc. 18872 MacArthur Boulevard, Suite 320 Irvine, CA 92612	Landscape Architectural Design Services	\$ N/A

CONTRACT OPERATING EXPENSES

PSOMAS	
ENGINEERING	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Contract Manager/Project Manager	\$330
Senior Project Manager and QA/QC Manager	\$310
Project Manager II	\$290
Project Manager I	\$280
Sr. Project Engineer I	\$240
Project Engineer/Traffic Engineer III	\$230
Project Engineer/Traffic Engineer II Project	\$220
Engineer/Traffic Engineer I	\$210
Sr. Civil Engineering Designer	\$200
Civil Engineering Designer III	\$190
Civil Engineering Designer II	\$175
Civil Engineering Designer I	\$150

Project Assistant/Administration	\$160
SURVEY	
Contract Manager/Project Manager	\$290
Construction Survey Manager	\$280
Project Surveyor III	\$220
Project Surveyor II	\$210
Project Surveyor I	\$200
Office Surveyor III	\$180
Office Surveyor II	\$170
Office Surveyor I	\$160
Staff Surveyor II	\$150
Staff Surveyor I	\$140
Photo Compiler	\$180
Land Surveyor – Prevailing Wage Party Chief	\$240
Land Surveyor – Prevailing Wage Chainman	\$230
Project Assistant/Administration	\$160
SUBSURFACE UTILITY ENGINEERING (SUE)	
2 Person CCTV Crew (NASSCO)	\$455
2 Person Utility Detection Crew	\$355
2 Person CCTV Crew (non-NASSCO)	\$355
SUE Project Manager	\$245
1 Person Utility Detection Crew	\$245
SUE Coordinator	\$210
Project Assistant/Administration	\$140
ENVIRONMENTAL PLANNING	
Sr. Proj Manager, Principal-in-Charge, QA/QC Manager, Vice President	\$282.02
Technical Specialist I - Cultural Resources	\$110.28
Planner/Analyst II	\$153.16
Planner/Analyst I	\$147.80
Cultural Resources Manager, Sr. Technical Manager - Cultural Resources	\$228.21
Sr. Proj Manager, Environmental Lead, Principal-in-Charge	\$276.45
Sr. Project Manager/Environmental Lead	\$292.53
Sr. Technical Specialist - Noise	\$249.65
Project Manager I	\$179.96
Sr. Proj Manager, Principal-in-Charge, QA/QC Manager, Vice President	\$281.81
Technical Manager, CEQA/NEPA	\$212.13
Principal-in-Charge, Director - Environmental	\$319.33
Environmental Planner III	\$158.52
Consultant	\$265.73
Assist Project Manager	\$163.88
Project Manager III	\$217.49
RESOURCE MANAGEMENT	
Regulatory Specialist	\$179.96
Principal-in-Charge	\$287.17
Sr. Project Manager, Regulatory Permitting Manager	\$249.65
Restoration Ecologist, Project Manager	\$161.74
Sr. Restoration Ecologist, Regulatory Permitting Specialist, Certified Arborist	\$207.84
Senior GIS Analyst	\$153.16
Senior Biologist	\$184.25
Biological Resources Manager	\$265.73
GIS Analyst	\$142.44
Restoration Services Manager	\$207.84

Assistant Project Manager	\$164.96
Biologist or Botanist	\$163.88
ADMINISTRATIVE SUPPORT	
Technical Editor	\$115.64
Support Services Manager	\$163.88

*GMU Geotechnical Inc.	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Document Preparation and Project Services	\$ 110.00
CAD/GIS Design Engineer	\$ 132.00
Staff Engineer or Geologist	\$ 175.00
Senior Staff Engineer or Geologist	\$ 192.00
Project Engineer or Geologist	\$ 215.00
Senior Engineer or Geologist	\$ 255.00
Associate Engineer or Geologist	\$ 272.00
Principal/Director	\$ 295.00
Staff Engineering Technician (Non Prevailing Wage Rate)	\$ 110.00*
Senior Engineering Technician (Non Prevailing Wage Rate)	\$ 130.00
Staff Engineering Technician (Prevailing Wage Rate)	\$ 149.00*
Senior Engineering Technician (Prevailing Wage Rate)	\$ 169.00
Registered Special Inspector (Non Prevailing Wage Rate)	\$ 130.00*
Registered Special Inspector (Prevailing Wage Rate)	\$ 169.00*
Instrumentation Engineer	\$ 175.00
Engineering Seismological Technician	\$ 175.00
Laboratory Technician	\$ 175.00

*Lynn Capouya Inc. Landscape Architects				
<u>Classification Titles</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>
	<u>Hourly</u>	<u>Hourly</u>	<u>Hourly</u>	<u>Hourly</u>

	<u>Rate</u>	<u>Rate</u>	<u>Rate</u>	<u>Rate</u>
Principal	\$305.00	\$310.00	\$315.00	\$320.00
Certified Irrigation Designer / Auditor	\$205.00	\$210.00	\$215.00	\$220.00
Senior Project Manager / Landscape Architect	\$205.00	\$210.00	\$215.00	\$220.00
Project Manager / Landscape Architect	\$195.00	\$200.00	\$205.00	\$210.00
Design Staff II	\$135.00	\$140.00	\$145.00	\$150.00
Design Staff I	\$120.00	\$125.00	\$130.00	\$135.00
Administrative Staff	\$110.00	\$115.00	\$120.00	\$125.00

*Value Management Strategies, Inc.	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Principal	\$563.42
CVS Team Leader	\$397.95
Quality Manager	\$137.73
Senior Project Coordinator	\$234.00
Project Coordinator	\$101.37

Maximum Allowable Compensation of Two Million, Seven Hundred Thousand Dollars (\$2,700,000.00)

Contract Summary Form

OC Expediter Requisition # 1723118

Stantec Consulting Services Inc.

SUMMARY OF SIGNIFICANT CHANGES

N/A

SUBCONTRACTORS

1. This contract includes the following subcontractors or passes through to other providers:

Subcontractors	Services	Amount
AimTD LLC 751 S. Weir Canyon Road, Suite 157-158 Anaheim, CA 92808	Traffic Data Collection	\$ N/A
Monument ROW 200 Spectrum Center, Suite 300 Irvine, CA 92618	Real Estate and Right-of-way Services	\$ N/A
GPSi 3151 Airway Ave, Suite G2 Costa Mesa, CA 92626	Aerial Survey & Mapping	\$ N/A
Ninyo & Moore Geotechnical & Environmental Sciences Consultants 5710 Ruffin Road San Diego, CA 92123	Geotechnical	\$ N/A
GMU Geotechnical, Inc. 30336 Esperanza, RSM CA 92688	Geotechnical & Pavement Engineering	\$ N/A
T2 UES Inc., dba T2 Utility Engineers 7217 East 87 th Street Indianapolis, IN 46256	Utility Locating and Potholing	\$ N/A
Rock E. Miller & Associates 5731 E. West View Drive Orange, CA 92869	Bikeway Engineering	\$ N/A

CONTRACT OPERATING EXPENSES

STANTEC CONSULTING SERVICES INC.	
Classification Titles	Hourly Rate
Level 18	
Sr. Geotechnical Engineer	\$296
Level 17	
Principal-in-Charge	\$290
Principal Project Manager	\$290
QA/QC Manager	\$290
Sr. Transportation Specialist	\$290
Level 16	
Sr. Project Manager	\$280
Sr. Traffic Engineer	\$280
Sr. Survey Manager	\$280
Sr. Electrical Engineer	\$280
Level 15	
Project Manager	\$254
Structural Engineer	\$254
Sr Environmental Services	\$254
Sr. Architect	\$254
Environmental Services Manager	\$254
Mapping	\$254
Right-of-Way Manager	\$254
Level 14	
Quality Assurance/Quality Control (QA/QC)	\$240
Deputy Project Manager	\$240
Traffic Engineer	\$240
Geotechnical Engineer	\$240
Sr. Project Engineer	\$240
Sr. Landscape Architect	\$240
Sr. Project Surveyor	\$240
Level 13	
Project Engineer	\$228
Traffic Engineer	\$228
Project Architect	\$228
Sr. Transportation Planner	\$228
Geotechnical Engineer	\$228
Senior Scientist II	\$228
Transportation Specialist	\$228
Field Survey Coordinator	\$228
Traffic Engineer II	\$228
Certified Access Specialist (CASp)	\$228
Level 12	
Civil Engineer	\$217
Electrical Designer	\$217
Architect	\$217
Surveyor	\$217
Transportation Planner	\$217
Traffic Engineer I	\$217
Design Engineer	\$217
Architect Job Captain	\$217
Senior Scientist I	\$217

Level 11	
Landscape Architect	\$206
Sr. Project Coordinator	\$206
Sr. CAD Technician/GIS	\$206
Survey Technician	\$206
Associate Scientist II	\$206
Level 10	
Engineering Designer	\$190
CAD Technician/GIS	\$190
Associate Scientist I	\$190
Jr. Survey Technician	\$190
Asst. Engineer III	\$190
Level 09	
Design Technician	\$183
Project Coordinator	\$183
Survey Crew	
1-Person Survey Crew	\$220
2-Person Survey Crew	\$345
3-Person Survey Crew	\$470
Survey Crew (Overtime Rates)	
1-Person Survey Crew	\$275
2-Person Survey Crew	\$455
3-Person Survey Crew	\$635

*Subcontractor- GMU (Geotechnical Engineering and Pavement Design)	
Classification Titles	Hourly Rate
Professional Services	
Document Preparation and Project Services	\$110
CAD/GIS Design Engineer	\$132
Staff Engineer or Geologist	\$175
Sr. Staff Engineer or Geologist	\$192
Project Engineer or Geologist	\$215
Sr Engineer or Geologist	\$255
Associate Engineer or Geologist	\$272
Principal/Director	\$295
Field Inspection & Testing Services	
Staff Engineering Technician • Services provided under direct supervision of a Senior Engineering Technician	\$110/hr*
Senior Engineering Technician • Inspections for soils/grading, asphalt, concrete, batch plants, piles/caissons, etc. • Certifications by ACI, ICC, Caltrans, local jurisdictions, etc.	\$130/hr*
Registered Special Inspector (No 4-hour minimum) • Certifications by ACI, ICC, Caltrans, local jurisdictions, etc. • Reinforced concrete, Post-Tension, Masonry, Welding, Bolting, Fireproofing	\$130/hr*

Instrumentation Engineer <ul style="list-style-type: none"> Slope inclinometer and Piezometer monitoring Manometer for floor-level surveys Stormwater turbidity & pH meter Groundwater monitoring - pressure transducer, datalogger, water chemistry meter, etc. Pipeline video camera for drains, wells, etc. 	\$175/hr
Engineering Seismological Technician (includes 3-channel seismograph) <ul style="list-style-type: none"> Blast vibration monitoring Construction vibration & noise monitoring (pile driving, drilling, demolition, etc.) 	\$175/hr
Laboratory Testing Services	
Laboratory Testing - (For special materials testing and laboratory costs on a per-test basis, see GMU's Laboratory Fee Schedule)	\$142/hr
Other Charges	
Outside Services	Cost + 15%
Reimbursables & Reprographics	Cost
Annual Fee Escalation	3%

***Notes:**

- (1) Rates include vehicle, nuclear density gauge, and equipment for testing, inspection, and sampling.
- (2) No 4-hour minimum charges apply, except for night work.
- (3) Overtime is charged at 1.5 times the base rate. Overtime is defined as time worked on the project in excess of 8 hours per day and all time on Saturdays, Sundays, and holidays.
- (4) Prevailing Wage projects, additional hourly surcharge for Field Personnel per CA Labor Code §1720, et seq. Add \$ 39.00/hour

*Subcontractor- T2 Utilities (Utility Coordination and Locating/Subsurface Imaging)	
Classification Titles	Hourly Rate
Sr. Project Manager	\$ 215
Project Engineer	\$ 190
Assistant Project Manager	\$ 125
Administrative Specialist	\$ 90
Wet & Dry Utility GPR Locating (minimum 2 hours)	
Locating Technician & Equipment (Elec, Mag, Sonic, GPR)	\$225/hr
Assistant Locating Technician	\$150/hr
CCTV Video & Locating (2 Man Crew & Equip)	\$335/\$435/hr
Potholing (minimum 4 hours)	
2 Man Crew, Support Truck, Vac Truck, Backfill Native Soil	\$465/hr
AC Hot Patch Raker, Laborer, Spreader	Subconsultant - As Needed, with Approval
AC Hot Patch Operator	Subconsultant - As Needed, with Approval
Traffic Control & Set Up (minimum 4 hours) Utilize MUTCD	
Small Intersections/Standard Lane Closures (Up to 500' + tapers)	\$1,600 each
Large Intersection/Multiple Lane Closures	\$2,300 each

Hourly Rate – Included Traffic Devices, Up to 1 Lane Closure, 1 Arrow Board	\$130/hr
Lead Traffic Control Technician	\$130/hr
Certified Flagman	\$130/hr
Additional Arrow Board	\$150/day
Project Management & Report/Mapping Preparation	
Project Management	\$150/hr
On Site/Records Research/Report Drafting/Admin	\$125/hr
AutoCAD drawing of underground utilities (CAD base file required)	\$125/hr
Pothole Patching	
Aquaphalt Permanent Patch w/Saw Cut	\$50 each
Coring – 12” Diameter	Call for Quote
Sidewalk panel Replacement (standard 5’x5’)	\$3,000 each
Reimbursable Items	
Permit Fee (Permit issuance fee included)	TBD per project
Permit Processing	TBD per project
Night Work Premium	\$800/night

*** Subcontractor - Geospatial Professional Solutions, Inc. (GPSi) (Aerial Survey)**

Classification Titles	Hourly Rate
Project Manager	\$264
Certified Photogrammetrist	\$220
Photogrammetrist Technician	\$128
Lidar Specialist	\$160
CAD/GIS Specialist	\$128
Imaging Specialist	\$125
Clerical	\$85
Subcontractor Commercial Aerial Images (CAI)*	
Pilot	\$125
Camera/Lidar Operator	\$95
Equipment & Other Direct Costs	
Ultracam Falcon Prime Digital Photogrammetric Camera (per hour)	\$2,100
Riegle Lidar Sensor LMS-Q780 (per hour)	\$2,750
Aircraft – Cessna Turbo 206H (per hour)	\$1,500

***Subcontractor- AimTD (Traffic Count Data)**

Classification Titles	Hourly Rate
General rate sheets are not provided since project locations vary widely, leading to significant differences in data collection costs.	

*** Subcontractor – Rock E. Miller (Bikeway Engineering/Training)**

Classification Titles	Hourly Rate
Principal	\$300

*** Subcontractor – Monument ROW (Right-of-Way)**

Classification Titles	Hourly Rate
Right-of-Way Management and Implementation	

Principal	\$310.00
Project Director	\$250.00
Program Manager	\$230.00
Senior Project Manager / Sr. Utility Project Manager	\$220.00
ROW Project Manager 2 / Utility Project Manager 2	\$200.00
ROW Project Manager 1 / Utility Project Manager 1	\$170.00
Utility Coordinator	\$140.00
Senior Acquisition Agent / Senior Relocation Agent / Senior Analyst	\$150.00
Acquisition Agent 2 / Relocation Agent 2 / Property Manager	\$130.00
Acquisition Agent 1/ Relocation Agent 1	\$120.00
Senior Project Coordinator	\$135.00
Project Coordinator 2	\$120.00
Project Coordinator 1	\$110.00
Senior Project Analyst	\$150.00
Project Analyst 2	\$135.00
Project Analyst 1	\$110.00
Researcher	\$95.00
Project Support/Administrative	
Professional Staff	\$90.00
Project Controller 2	\$105.00
Project Controller 1	\$80.00
Project Support Specialist 3	\$100.00
Project Support Specialist 2	\$90.00
Project Support Specialist 1	

*Subcontractor - Ninyo & Moore (Geotechnical Engineering and Pavement Design)	
Classification Titles	Hourly Rate
Professional Staff	\$250
Principal Eng/Geologist/Environmental Scientist/Cert Industrial Hygienist	\$235
Senior Engineer/Geologist/Environmental Scientist	\$220
Senior Project Engineer/Geologist/Environmental Scientist	\$210
Project Engineer/Geologist/Environmental Scientist	\$200
Staff Engineer/Geologist/Environmental Scientist	\$180
GIS Analyst	\$160
Technical Illustrator/CAD Operator	\$140
Field Staff	
Certified Asbestos/Lead Technician	\$220
Field Operations Manager	\$150
Nondestructive Examination Technician (UT, MT, LP)	\$145
Supervisory Technician	\$140
Special Inspector (Concrete, Masonry, Structural Steel, Welding, and Fireproofing)	\$135
Senior Technician	\$135
Technician	\$130
Administrative Staff	

Information Specialist	\$120
Geotechnical/Environmental/Laboratory Assistant	\$120
Data Processor	\$95
Other Charges	
Concrete Coring Equipment (includes technician)	\$190/hr
Anchor Load Test Equipment (includes technician)	\$190/hr
GPR Equipment	\$180/hr
Inclinometer	\$100/hr
Hand Auger Equipment	\$80/hr
Rebar Locator (Pachometer)	\$25/hr
Vapor Emission Kit	\$65/hr
Nuclear Density Gauge	\$15/hr
X-Ray Fluorescence	\$70/hr
PID/FID	\$25/hr
Air Sampling Pump.	\$10/hr
Field Vehicle	\$15/hr
Equipment	\$15/hr
Expert Witness Testimony	\$450/hr
Direct Expenses	Cost plus 15%
Special equipment charges will be provided upon request	

*Technicians and special inspectors, are charged at a 4-hour minimum, and 8-hour minimum for hours exceeding 4 hours. Overtime rates at 1.5 times the regular rates will be charged for work performed in excess of 8 hours in one day Monday through Friday and all day on Saturday. Rates at twice the regular rates will be charged for all work in excess of 12 hours in one day, all day Sunday and on holidays.

Schedule of Fees for Laboratory Testing

SOILS			
Atterberg Limits, D 4318, CT 204	\$ 170		
California Bearing Ratio (CBR), D 1883	\$ 550		
Chloride and Sulfate Content, CT 417 & CT 422	\$ 175		
Consolidation, D 2435, CT 219	\$ 300		
Consolidation, Hydro-Collapse only, D 2435	\$ 150		
Consolidation – Time Rate, D 2435, CT 219	\$ 200		
Direct Shear – Remolded, D 3080	\$ 350		
Direct Shear – Undisturbed, D 3080	\$ 300		
Durability Index, CT 229	\$ 175		
Expansion Index, D 4829, IBC 18-3	\$ 190		
Expansion Potential (Method A), D 4546	\$ 170		
Geofabric Tensile and Elongation Test, D 4632	\$ 200		
Hydraulic Conductivity, D 5084	\$ 350		
Hydrometer Analysis, D 6913, CT 203	\$ 220		
Moisture, Ash, & Organic Matter of Peat/Organic Soils	\$ 120		
Moisture Only, D 2216, CT 226	\$ 35		
Moisture and Density, D 2937	\$ 45		
Permeability, CH, D 2434, CT 220	\$ 300		
pH and Resistivity, CT 643	\$ 175		
Proctor Density D1557, D 698, CT 216, AASHTO T-180	\$ 220		
Proctor Density with Rock Correction D 1557	\$ 340		
R-value, D 2844, CT 301	\$ 375		
Sand Equivalent, D 2419, CT 217	\$ 125		
Sieve Analysis, D 6913, CT 202	\$ 145		
Sieve Analysis, 200 Wash, D 1140, CT 202	\$ 100		
Specific Gravity, D 854	\$ 125		
Thermal Resistivity (ASTM 5334, IEEE 442)	\$ 925		
Triaxial Shear, C.D. D 4767, T 297	\$ 550		
Triaxial Shear, C.U., w/pore pressure, D 4767, T 2297 per pt	\$ 450		
Triaxial Shear, C.U., w/ pore pressure, D 4767, T 2297 per pt	\$ 350		
Triaxial Shear, U.U., D 2850	\$ 250		
Unconfined Compression, D 2166, T 208	\$ 180		
MASONRY			
Brick Absorption, 24-hour submersion, 5-hr boiling, 7-day, C 67	\$ 70		
Brick Compression Test, C 67	\$ 55		
Brick Efflorescence, C 67	\$ 55		
Brick Modulus of Rupture, C 67	\$ 50		
Brick Moisture as received, C 67	\$ 45		
Brick Saturation Coefficient, C 67	\$ 60		
Concrete Block Compression Test, 8x8x16, C 140	\$ 70		
Concrete Block Conformance Package, C 90	\$ 500		
Concrete Block Linear Shrinkage, C 426	\$ 200		
Concrete Block Unit Weight and Absorption, C 140	\$ 70		
Cores, Compression or Shear Bond, CA Code	\$ 70		
Masonry Grout, 3x3x6 prism compression, C 39	\$ 45		
Masonry Mortar, 2x2 cube compression, C 109	\$ 35		
Masonry Prism, half size, compression, C 1019	\$ 120		
Masonry Prism, Full size, compression, C 1019	\$ 200		
REINFORCING AND STRUCTURAL STEEL			
Chemical Analysis, A 36, A 615	\$ 135		
Fireproofing Density Test, UBC 7-6	\$ 90		
Hardness Test, Rockwell, A 370	\$ 80		
High Strength Bolt, Nut & Washer Conformance, per assembly, A 325	\$ 150		
Mechanically Spliced Reinforcing Tensile Test, ACI	\$ 175		
Pre-Stress Strand (7 wire), A 416	\$ 170		
Reinforcing Tensile or Bend up to No. 11, A 615 & A 706	\$ 75		
Structural Steel Tensile Test: Up to 200,000 lbs., A 370	\$ 90		
Welded Reinforcing Tensile Test: Up to No. 11 bars, ACI	\$ 80		
CONCRETE			
Compression Tests, 6x12 Cylinder, C 39	\$ 35		
Concrete Mix Design Review, Job Spec	\$ 300		
Concrete Mix Design, per Trial Batch, 6 cylinder, ACI	\$ 850		
Concrete Cores, Compression (excludes sampling), C 42	\$ 120		
Drying Shrinkage, C 157	\$ 400		
Flexural Test, C 78	\$ 85		
Flexural Test, C 293	\$ 85		
Flexural Test, CT 523	\$ 95		
Gunita/Shotcrete, Panels, 3 cut cores per panel and test, ACI	\$ 275		
Lightweight Concrete Fill, Compression, C 495	\$ 80		
Petrographic Analysis, C 856	\$ 2,000		
Restrained Expansion of Shrinkage Compensation	\$ 450		
Splitting Tensile Strength, C 496	\$ 100		
3x6 Grout, (CLSM), C 39	\$ 55		
2x2x2 Non-Shrink Grout, C 109	\$ 55		
ASPHALT			
Air Voids, T 269	\$ 85		
Asphalt Mix Design, Caltrans (incl. Aggregate Quality)	\$ 4,500		
Asphalt Mix Design Review, Job Spec	\$ 180		
Dust Proportioning, CT LP-4	\$ 85		
Extraction, % Asphalt, including Gradation, D 2172, CT 382	\$ 250		
Extraction, % Asphalt without Gradation, D 2172, CT 382	\$ 150		
Film Stripping, CT 302	\$ 120		
Hveem Stability and Unit Weight D 1560, T 246, CT 366	\$ 225		
Marshall Stability, Flow and Unit Weight, T 245	\$ 240		
Maximum Theoretical Unit Weight, D 2041, CT 309	\$ 150		
Moisture Content, CT 370	\$ 95		
Moisture Susceptibility and Tensile Stress Ratio, T 238, CT 371	\$ 1,000		
Slurry Wet Track Abrasion, D 3910	\$ 150		
Superpave, Asphalt Mix Verification (incl. Aggregate Quality)	\$ 4,900		
Superpave, Gyrotory Unit Wt., T 312	\$ 100		
Superpave, Hamburg Wheel, 20,000 passes, T 324	\$ 1,000		
Unit Weight sample or core, D 2726, CT 308	\$ 100		
Voids in Mineral Aggregate, (VMA) CT LP-2	\$ 90		
Voids filled with Asphalt, (VFA) CT LP-3	\$ 90		
Wax Density, D 1188	\$ 140		
AGGREGATES			
Clay Lumps and Friable Particles, C 142	\$ 180		
Cleaness Value, CT 227	\$ 180		
Crushed Particles, CT 205	\$ 175		
Durability, Coarse or Fine, CT 229	\$ 205		
Fine Aggregate Angularity, ASTM C 1252, T 304, CT 234	\$ 180		
Flat and Elongated Particle, D 4791	\$ 220		
Lightweight Particles, C 123	\$ 180		
Los Angeles Abrasion, C 131 or C 535	\$ 200		
Material Finer than No. 200 Sieve by Washing, C 117	\$ 90		
Organic Impurities, C 40	\$ 90		
Potential Alkali Reactivity, Mortar Bar Method, Coarse, C 1260	\$ 1,250		
Potential Alkali Reactivity, Mortar Bar Method, Fine, C 1260	\$ 950		
Potential Reactivity of Aggregate (Chemical Method), C 289	\$ 475		
Sand Equivalent, T 176, CT 217	\$ 125		
Sieve Analysis, Coarse Aggregate, T 27, C 136	\$ 120		
Sieve Analysis, Fine Aggregate (including wash), T 27, C 136	\$ 145		
Sodium Sulfate Soundness, C 88	\$ 450		
Specific Gravity and Absorption, Coarse, C 127, CT 206	\$ 115		
Specific Gravity and Absorption, Fine, C 128, CT 207	\$ 175		
ROOFING			
Roofing Tile Absorption, (set of 5), C 67	\$ 250		
Roofing Tile Strength Test, (set of 5), C 67	\$ 250		

Special preparation of standard test specimens will be charged at the technician's hourly rate.
Ninyo & Moore is accredited to perform the AASHTO equivalent of many ASTM test procedures.

Maximum Allowable Compensation of Two Million, Seven Hundred Thousand Dollars (\$2,700,000.00)

Contract Summary Form

OC Expediter Requisition # 1723118

Tetra Tech, Inc.

SUMMARY OF SIGNIFICANT CHANGES

N/A

SUBCONTRACTORS

1. This contract includes the following subcontractors or passes through to other providers:

Subcontractors	Services	Amount
Fehr & Peers 101 Pacifica, Suite 300 Irvine, CA 92618	Traffic Engineering	\$ N/A
GMU Engineers and Geologist 30336 Esperanza Rancho Santa Margarita, CA 92688	Geotechnical and Pavement Engineering	\$ N/A
Epic Land Solutions 3850 Vine Street, Suite 200 Riverside, CA 92507	Rights of Way Services	\$ N/A

CONTRACT OPERATING EXPENSES

TETRA TECH BAS, INC.	
<u>Classification Titles</u>	<u>Hourly Rate</u>
MANAGEMENT	
Project Manager 1	\$225.00
Project Manager 2	\$255.00
Project Manager 3	\$280.00
Senior Project Manager	\$300.00
QA/QC Manager	\$325.00
Program Manager	\$350.00
Principal-In-Charge	\$390.00
ENGINEERS	
Engineer 1	\$130.00

Engineer 2	\$145.00
Engineer 3	\$160.00
Project Engineer 1	\$195.00
Project Engineer 2	\$210.00
Project Engineer 3	\$235.00
Senior Engineer 1	\$245.00
Senior Engineer 2	\$280.00
Senior Engineer 3	\$290.00
Principal Engineer	\$370.00
ENGINEERING DESIGNERS	
Engineering Technician	\$85.00
Engineering Designer 1	\$105.00
Engineering Designer 2	\$125.00
Engineering Designer 3	\$150.00
Senior Engineering Designer 1	\$190.00
Senior Engineering Designer 2	\$205.00
Senior Engineering Designer 3	\$215.00
SURVEYING	
Survey Tech 1	\$105.00
Survey Tech 2	\$115.00
Survey Tech 3	\$135.00
Survey Crew Chief	\$155.00
Surveying Specialist	\$175.00
Land Surveyor	\$190.00
Senior Land Surveyor	\$240.00
SURVEY CREW (NON-PREVAILING)	
1-person Survey Crew	\$175.00
2-person Survey Crew	\$295.00
3-person Survey Crew	\$395.00
SURVEY CREW (PREVAILING)	
1-person Survey Crew	\$210.00
2-person Survey Crew	\$365.00
3-person Survey Crew	\$515.00
COMPUTER AIDED DESIGN (CAD)	
CAD Technician 1	\$90.00
CAD Technician 2	\$105.00
CAD Technician 3	\$120.00
CAD Designer	\$130.00
Senior CAD Designer 1	\$165.00
Senior CAD Designer 2	\$180.00
CAD Director	\$230.00
ARCHITECTURE	
Architectural Project Manager	\$275.00
Senior Architect	\$225.00
Architectural Designer	\$135.00
PROJECT ADMINISTRATION	
Project Assistant 1	\$90.00
Project Assistant 2	\$100.00
Project Administrator	\$125.00
Senior Project Administrator	\$140.00
GEOGRAPHIC INFORMATION SYSTEMS (GIS)	
GIS Analyst 1	\$95.00

GIS Analyst 2	\$115.00
Senior GIS Analyst	\$150.00
GIS Application Developer	\$220.00
Senior GIS Application Developer	\$180.00
GRAPHICS	
Graphic Artist	\$170.00
GEOTECHNICAL	
Geotechnical Principal	\$345.00
Geotechnical Principal Engineer/Geologist	\$325.00
Chief Geotechnical Engineer/Geologist	\$300.00
Supervising Geotechnical Engineer/Geologist	\$290.00
Associate Geotechnical Engineer/Geologist	\$280.00
Senior Geotechnical Engineer/Geologist III	\$260.00
Senior Geotechnical Engineer/Geologist II	\$245.00
Senior Geotechnical Engineer/Geologist I	\$235.00
Project Geotechnical Engineer/Geologist III	\$220.00
Project Geotechnical Engineer/Geologist II	\$200.00
Project Geotechnical Engineer/Geologist I	\$185.00
Staff Geotechnical Engineer/Geologist III	\$175.00
Staff Geotechnical Engineer/Geologist II	\$160.00
Staff Geotechnical Engineer/Geologist I	\$150.00
Senior Soils/Field Technician Standard	\$140.00
Soils/Field Technician Standard	\$135.00
Soils/Field Technician Prevailing	\$170.00
Geotechnical Depositions and Expert Witness Testimony (minimum 4 hours)	\$535.00
PLANNERS	
Principal Planner III	\$330.00
Principal Planner II	\$320.00
Principal Planner I	\$310.00
Senior Planning Consultant IV	\$300.00
Senior Planning Consultant III	\$283.00
Senior Planning Consultant II	\$270.00
Senior Planning Consultant I	\$260.00
Planning Manager V	\$250.00
Planning Manager IV	\$240.00
Planning Manager III	\$230.00
Planning Manager II	\$220.00
Planning Manager I	\$210.00
Planning Senior Staff V	\$200.00
Planning Senior Staff IV	\$190.00
Planning Senior Staff III	\$180.00
Planning Senior Staff II	\$170.00
Planning Senior Staff I	\$160.00
Planning Project Staff V	\$150.00
Planning Project Staff IV	\$140.00
Planning Project Staff III	\$130.00
Planning Project Staff II	\$120.00
Planning Project Staff I	\$110.00

Planning Junior Staff III	\$105.00
Planning Junior Staff II	\$95.00
Planning Junior Staff I	\$85.00
Planning Technician V	\$75.00
Planning Technician IV	\$65.00
Planning Technician III	\$55.00
Planning Technician II	\$50.00
Planning Technician I	\$40.00
EQUIPMENT GEOTECHNICAL	
Field vehicle usage (geotechnical engineers/geologists only)	\$0.85/mile
Field vehicle usage (geotechnical field services)	\$20/hr.
Sand Cone or Nuclear Density Gauge	\$17/hr
Hand auger and soil sampling equipment	\$70/day
BAT Permeameter	\$275/day
Double Ring Infiltrometer	\$250/day
Inclinometer data collection system	\$400/day
Floor level manometer	\$80/day
Infiltration test flowmeter	\$130/per day-test
Per diem	\$300/day
REIMBURSABLE IN-HOUSE COSTS	
Photo Copies (B&W 8.5"x11")	\$ 0.20/Each
Photo Copies (B&W 11"x17")	\$ 0.50/Each
Color Copies (up to 8.5"x11")	\$ 2.00/Each
Color Copies (to 11"x17")	\$ 3.00/Each
Compact Disks	\$10/each
Large format copies	\$0.50 S.F.
Mileage-Company Vehicle	\$0.80/mile
Mileage-POV	\$0.70/mile

*Subcontractor - Fehr & Peers (Traffic Engineering)	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Principal	\$280.00 - \$460.00
Senior Associate	\$240.00 - \$335.00
Associate	\$215.00 - \$290.00
Senior Engineer/Planner	\$165.00 - \$240.00
Engineer/Planner	\$140.00 - \$200.00
Senior Engineering Technician	\$160.00 - \$255.00
Senior Project Accountant	\$125.00 - \$190.00
Senior Project Coordinator	\$135.00 - \$225.00
Project Coordinator	\$120.00 - \$190.00
Technician	\$100.00 - \$160.00

*Subcontractor - EPIC Land Solutions (On Call Right-of-Way Services)	
<u>Classification Titles</u>	<u>Hourly Rate</u>
Senior Advisory Manager	\$232.80
Advisory Manager	\$188.91

Senior Project Manager	\$166.31
Project Manager	\$146.33
Senior Right of Way Agent	\$113.45
Right of Way Agent	\$106.42
Relocation Agent	\$96.46
Project Coordinator	\$93.11
GIS Manager	\$139.69
Utility Coordination Lead	\$172.95
Utility Coordinator	\$106.42
Budget & Financial Controls	\$126.38
OTHER DIRECT COSTS	
Mileage	At IRS Allowable
Postage/Overnight Delivery	At Cost
Property Ownership and Tenant Data	At Cost
Outside Services (Vendors & Subconsultants)	At Cost
Appraisal Reports/Appraisal Review Certificates	Fixed Fee, At Cost
Preliminary Title Reports	Fixed Fee, At Cost

*Subcontractor - GMU Geotechnical Inc.	
Classification Titles	Hourly Rate
Document Preparation and Project Services	\$ 110.00/hour
CAD/GIS Design Engineer	\$ 132.00/hour
Staff Engineer or Geologist	\$ 175.00/hour
Senior Staff Engineer or Geologist	\$ 192.00/hour
Project Engineer or Geologist	\$ 215.00/hour
Senior Engineer or Geologist	\$ 255.00/hour
Associate Engineer or Geologist	\$ 272.00/hour
Principal/Director	\$ 295.00/hour
Staff Engineering Technician (Non Prevailing Wage Rate)	\$ 110.00/hour*
Senior Engineering Technician (Non Prevailing Wage Rate)	\$ 130.00/hour
Staff Engineering Technician (Prevailing Wage Rate)	\$ 149.00/hour*
Senior Engineering Technician (Prevailing Wage Rate)	\$ 169.00/hour
Registered Special Inspector (Non Prevailing Wage Rate)	\$ 130.00/hour*
Registered Special Inspector (Prevailing Wage Rate)	\$ 169.00/hour*
Instrumentation Engineer	\$ 175.00/hour
Engineering Seismological Technician	\$ 175.00/hour
Laboratory Technician	\$ 175.00/hour

Maximum Allowable Compensation of Two Million, Seven Hundred Thousand Dollars (\$2,700,000.00)