

**AMENDMENT NO. 6 TO CONTRACT NO. C18171057  
BETWEEN THE CITY OF PALO ALTO AND  
AECOM TECHNICAL SERVICES, INC.**

This Amendment No. 6 (this “Amendment”) to Contract No. C18171057 (the “Contract” as defined below) is entered into as of May 6, 2024, by and between the CITY OF PALO ALTO, a California chartered municipal corporation (“CITY”), and AECOM TECHNICAL SERVICES, INC., a California corporation, located at 300 Lakeside Drive, Suite 400, Oakland, CA 94612 (“CONSULTANT”). CITY and CONSULTANT are referred to collectively as the “Parties” in this Amendment.

**RECITALS**

A. The Contract (as defined below) was entered by and between the Parties hereto to provide program management, enhanced community engagement services, grade separation planning and alternatives analysis, and technical assistance on rail engineering and design. (“Project”) and desires to engage a consultant to provide Services in connection with the Project (“Services”), as detailed therein.

B. The Parties now wish to amend the Contract in order to (1) increase the total compensation by \$Two Hundred Ninety-Seven Thousand Two Hundred Six Dollars (\$297,206.00) from Three Million Five Hundred Ninety-Six Thousand Eight Hundred Twenty-Eight Dollars (\$3,596,828.00) to Three Million Eight Hundred Ninety-Four Thousand Thirty-Four Dollars (\$3,894,034.00) for Services and Additional services not included in the previous scope of work, (2) update Exhibit C-5 Hourly Schedule of Rates; (3) extend the term through April 30, 2025, as detailed herein.

NOW, THEREFORE, in consideration of the covenants, terms, conditions, and provisions of this Amendment, the Parties agree:

**SECTION 1. Definitions.** The following definitions shall apply to this Amendment:

- a. **Contract.** The term “Contract” shall mean Contract No. C18171057 between CONSULTANT and CITY, dated April 23, 2018.

Amendment No. 1, dated June 24, 2019  
Amendment No. 2, dated June 23, 2020  
Amendment No. 3, dated April 23, 2021  
Amendment No. 4, dated May 16, 2022  
Amendment No. 5, dated April 23, 2024

- b. **Other Terms.** Capitalized terms used and not defined in this Amendment shall have the meanings assigned to such terms in the Contract.

SECTION 2. Section 2. "TERM" of the Contract is hereby amended to read as follows:

"SECTION 2. TERM. The term of this Agreement shall be from the date of its full execution through April 30, 2025, unless terminated earlier pursuant to Section 19 of this Agreement.

SECTION 3. Section 4. "NOT TO EXCEED COMPENSATION" of the Contract is hereby amended to read as follows:

"SECTION 4. NOT TO EXCEED COMPENSATION. The compensation to be paid to CONSULTANT for performance of the Services described in Exhibit "A" as amended by Exhibits "A-1", "A-2", "A-3", "A-4", and "A-5 (referred to collectively as Exhibit "A" or the "Basic Services"), and reimbursable expenses, shall not exceed **Three Million Five Hundred Twenty-Nine Thousand and Nine Hundred Eight Dollars (\$3,529,908.00)**. CONSULTANT agrees to complete all Basic Services, including reimbursable expenses, within this amount. In the event Additional Services are authorized, the total compensation for Basic Services, Additional Services, and reimbursable expenses shall not exceed **Three Million Eight Hundred Ninety-Four Thousand and Thirty-Four Dollars (\$3,894,034.00)**. The applicable rates and schedule of payment are set out at Exhibit "C-5", entitled "HOURLY RATE SCHEDULE," which is attached to and made a part of this Agreement. Any work performed or expenses incurred for which payment would result in a total exceeding the maximum amount of compensation set forth herein shall be at no cost to the CITY. Additional Services, if any, shall be authorized in accordance with and subject to the provisions of Exhibit "C". CONSULTANT shall not receive any compensation for Additional Services performed without the prior written authorization of CITY. Additional Services shall mean any work that is determined by CITY to be necessary for the proper completion of the Project, but which is not included within the Scope of Services described at Exhibit "A"."

SECTION 4. Exhibit "A-5" to this Amendment (attached hereto and incorporated herein) shall amend, but not replace, Exhibit "A" attached to the original Contract, Exhibit "A-1" attached to Amendment No. 1, Exhibit "A-2" attached to Amendment No. 2, Exhibit "A-3" attached to Amendment 3, and Exhibit "A-4" attached to Amendment 4 to the Contract. References to "Exhibit A" in the Contract shall mean Exhibits "A", "A-1", "A-2", "A-3", "A-4", and "A-5" read together. To the extent the provisions of Exhibit "A-5" directly conflict with original Exhibit "A", Exhibit "A-1", or Exhibit "A-2", or Exhibit "A-3", or Exhibit "A-4" the provisions of Exhibit "A-5" will control.

SECTION 5. The following exhibits to the Contract are hereby amended or added to read as set forth in the attachments to this Amendment, which are incorporated in full by this reference:

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- a. Exhibit "A-5" entitled "SCOPE OF SERVICES AMENDMENT NO. 6", ADDED
- b. Exhibit "B" entitled "SCHEDULE OF PERFORMANCE, AMENDMENT NO. 6", AMENDED, REPLACES PREVIOUS
- c. Exhibit "B-2" entitled "RAILROAD GRADE SEPARATION PROGRAM, AMENDMENT NO. 6", ADDED
- d. Exhibit "C" entitled "COMPENSATION, AMENDMENT NO. 6", AMENDED, REPLACES PREVIOUS
- e. Exhibit "C-5" entitled "HOURLY RATE SCHEDULE AMENDMENT NO. 6", AMENDED, REPLACES PREVIOUS

**SECTION 6. Legal Effect.** Except as modified by this Amendment, all other provisions of the Contract, including any exhibits thereto, shall remain in full force and effect.

**SECTION 7. Incorporation of Recitals.** The recitals set forth above are terms of this Amendment and are fully incorporated herein by this reference.

**SIGNATURES OF THE PARTIES**

IN WITNESS WHEREOF, the Parties have by their duly authorized representatives executed this Amendment effective as of the date first above written.

**CITY OF PALO ALTO**

\_\_\_\_\_  
City Manager

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney or designee

**CONSULTANT:  
AECOM TECHNICAL SERVICES, INC.**

By:   
\_\_\_\_\_  
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Name: Marty Czarnecki  
Title: Senior Vice President/Authorized Signatory

By:   
\_\_\_\_\_  
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Name: Allison Hall

Title: CFO Americas

**Attachments:**

- Exhibit "A-5" entitled "SCOPE OF SERVICES AMENDMENT NO. 6", ADDED
- Exhibit "B" entitled "SCHEDULE OF PERFORMANCE, AMENDMENT NO. 6", AMENDED, REPLACES PREVIOUS
- Exhibit "B-2" entitled "RAILROAD GRADE SEPARATION PROGRAM, AMENDMENT NO. 6", ADDED
- Exhibit "C" entitled "COMPENSATION, AMENDMENT NO. 6", AMENDED, REPLACES PREVIOUS
- Exhibit "C-5" entitled "HOURLY RATE SCHEDULE AMENDMENT NO. 6", AMENDED, REPLACES PREVIOUS

**EXHIBIT A-5  
SCOPE OF SERVICES, AMENDMENT NO. 6  
(ADDED)**

This Exhibit "A-5" Additional Scope of Services amends Exhibit "A" Scope of Services, as previously amended by Exhibit "A-1", Exhibit "A-2", Exhibit "A-3" and Exhibit "A-4" should be read together therewith. To the extent the provisions of Exhibit "A-5" directly conflict with original Exhibit "A", Exhibit "A-1", or Exhibit "A-2", or Exhibit "A-3" or Exhibit "A-4" the provisions of Exhibit "A-5" will control.

**AMENDMENT NO. 6:**

CONSULTANT will provide services in the project development for conducting additional studies, outreach, and support to City staff at meetings with Rail Committee and the City Council not included in the original scope of work Exhibit A, amended by Exhibit "A-1", Exhibit "A-2", Exhibit "A-3", Exhibit "A-4", and Exhibit "A-5".

This Exhibit "A-5" describes the services that are in addition to Exhibit "A", Exhibit "A-1", Exhibit "A-2", Exhibit "A-3" and Exhibit "A-4".

**SCOPE OF WORK**

CONSULTANT will continue to manage the Project, which will include required technical analyses of alternatives and a community and stakeholder engagement process to identify and develop locally- preferred alternatives for modifications to the existing at-grade crossings in Palo Alto at Churchill Avenue, Meadow Drive, and Charleston Road.

CONSULTANT will coordinate and manage the project in conjunction with CITY's staff.

The tasks anticipated in this supplemental scope of services with descriptions of supplemental services for each task and associated deliverables are included in this amendment to address the Caltrain comments and to update project materials to reflect updates.

**Task 1. Project Management**

**1.1 Project Management and Administration**

For the additional 12 months to the project (April 2024-April 2025), the CONSULTANT will continue to provide project management for each task for the duration of the Project. Management activities will consist of administration, coordination, and quality control, as follows:

- a. Prepare a scope, budget, and updated project schedule.
- b. Continue to supervise, coordinate, and monitor activities and product

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development for conformance with the scope of services and CITY standards.

- c. Prepare twelve (12) additional monthly invoices and progress reports.

#### 1.2 Performance and Quality Monitoring

CONSULTANT will continue to use a project specific Quality Assurance Plan for technical reviews and detailed checking for work products including the work produced by CONSULTANT's subconsultants. The CONSULTANT will continue to make sure that all work performed on the project is checked and that all deliverables undergo a quality review before submittal to the CITY.

#### 1.3 Monthly Invoicing, Progress Reports and Schedule

CONSULTANT will prepare and update the project schedule based on the supplemental work and it will be submitted to CITY staff for review and approval.

#### **Task 1 Supplemental Deliverables:**

- a. Updated baseline project schedule
- b. Monthly update of progress against baseline schedule
- c. Twelve (12) additional monthly invoices with progress reports

#### **Task 4. Community Engagement**

##### 4.1 Supplemental Meetings

CONSULTANT will prepare for and facilitate in-person community outreach meetings. AECOM will print hard copy exhibits to be displayed on easels at the meetings.

CONSULTANT will prepare for and attend in-person, Rail Committee and City Council meetings.

CONSULTANT will update the virtual reality (VR) room (originally developed in 2020) to display the new exhibits, fact sheets, and evaluation matrix. The original site will be archived for the public to access.

#### **Assumptions:**

- One community meeting will be held (one for Churchill, one for Meadow-Charleston).
- AECOM will attend three (3) Rail Committee meetings
- AECOM will attend one (1) City Council meeting
- Updates to the 3D animations on the VR site are not required.

#### **Task 4 Deliverables**

- a. Stakeholder meeting summaries
- b. Presentation materials for two Rail Committee meeting and one City Council meeting

## Task 6. Identify Recommended Alternatives

### 6.6 Update Project Plans, Sections, and Profiles to address Caltrain comments

In the fall of 2023, Caltrain reviewed the exhibits of the alternatives previously developed by CONSULTANT and the City. Caltrain provided comments based on their current design criteria and rail corridor use policy. In summary, the following input was provided:

- Vertical clearance of the underpass structures shall be 16'-6" across the entire width of Caltrain's right of way. Caltrain's previous standard vertical clearance was 15'-6".
- The alternatives shall take Caltrain's 4-track alignment into consideration. Caltrain plans a four (4) track alignment from just south of Churchill Avenue to just north of Meadow Drive. The track alignment may vary depending on the alternative.
- Except for the Viaduct and Trench alternatives, Caltrain requires that all structures be designed based on the typical section noted in the figure below to accommodate a maintenance vehicle.
- Caltrain reserves the right to use their entire right of way width. Some exceptions can be made on a case by case basis.
- The retaining walls for the Meadow-Charleson Hybrid shall be placed to allow for four tracks to be constructed at any location without having to reconstruct the walls.
- The centerline of the nearest shoofly track shall be 25 feet from the face of a proposed retaining wall. The previous standard spacing was 10 feet.

#### 6.6.1 Resolve Comments and Update Design Criteria

CONSULTANT will review Caltrain's comments and meet with the City and the Caltrain team to discuss the comments and come to a consensus on how the design of the alternatives shall be modified.

CONSULTANT will update the project's design criteria document accordingly.

#### Assumptions:

- Three (3) meetings with the City and Caltrain.
- Caltrain will provide a CAD file of the 4-track alignment.
- Roadway design criteria will remain as previously determined.

#### 6.6.2 Update of the Churchill Partial Underpass Alternative

To address Caltrain's comments, CONSULTANT will update the exhibits portraying the plan view geometry (roadway striping, new pavement limits, and bridge limits), roadway profiles, typical sections, and property impacts (if required) for the Churchill Avenue Partial Underpass Alternative.

CONSULTANT will revisit the shoofly alignment based on the new, required dimensions, and update the quantities and unit prices based on current (2024) cost data.

CONSULTANT will update the Evaluation Matrix and the Fact Sheet accordingly.

#### Assumptions:

- The number of lanes required on Alma Street and Churchill Avenue will remain as previously determined... two at-grade, northbound lanes, for example. A more detailed traffic analysis will be performed during the environmental phase to determine if Alma Street can be reduced to one lane in the northbound direction.
- Additional exhibits are not required.
- Updates to the closure alternatives at Churchill Avenue (Options 1 and 2) are not required.
- Updates to the Kellogg Avenue Ped/Bike tunnel and ramps are not required.
- Development of the Seale Avenue Ped/Bike tunnel layout is not required.
- Two rounds of comments from the City and Caltrain after the revised exhibits are presented.

### **6.6.3 Update of the Meadow-Charleston (M-C) Hybrid Alternative**

To address Caltrain's comments, CONSULTANT will update the exhibits portraying the plan view geometry (roadway striping, new pavement limits, and bridge limits), roadway profiles, typical sections, property impacts (if required), and the rail profile for the M-C Hybrid Alternative.

CONSULTANT will revisit the shoofly alignment based on the new, required dimensions, and update the quantities and unit prices based on current (2024) cost data.

CONSULTANT will update the Evaluation Matrix and the Fact Sheet accordingly.

#### Assumptions:

- The number of lanes required on Alma Street, Meadow Drive, and Charleston Road will remain as previously determined.
- Additional exhibits are not required.
- Development of a separate ped/bike undercrossing is not required.
- Two rounds of comments from the City and Caltrain after the revised exhibits are presented.

### **6.6.4 Update of the Meadow-Charleston (M-C) Viaduct Alternative**

To address Caltrain's comments, CONSULTANT will update the exhibits portraying the plan view geometry (track alignment, viaduct and retaining wall limits), typical sections, property impacts (if required), and the rail profile for the M-C Viaduct Alternative.

CONSULTANT will revisit the shoofly alignment based on the new, required dimensions, and update the quantities and unit prices based on current (2024) cost data.

CONSULTANT will update the Evaluation Matrix and the Fact Sheet accordingly.

#### Assumptions:

- The number of lanes required on Alma Street, Meadow Drive, and Charleston Road will remain as previously determined.
- Additional exhibits are not required.
- Two rounds of comments from the City and Caltrain after the revised exhibits are presented.

**6.6.5 Update of the Meadow-Charleston (M-C) Trench Alternative**

To address Caltrain’s comments, CONSULTANT will update the exhibits portraying the plan view geometry (track alignment, retaining wall limits), typical sections, property impacts (if required) for the M-C Trench Alternative.

CONSULTANT will revisit the shoofly alignment based on the new, required dimensions, and update the quantities and unit prices based on current (2024) cost data.

CONSULTANT will update the Evaluation Matrix and the Fact Sheet accordingly.

Assumptions:

- The number of lanes required on Alma Street, Meadow Drive, and Charleston Road will remain as previously determined.
- An update to the rail profile is not required.
- Additional exhibits are not required.
- Two rounds of comments from the City and Caltrain after the revised exhibits are presented.

**6.6.6 Update of the Meadow-Charleston (M-C) Underpass Alternative**

To address Caltrain’s comments, CONSULTANT will update the exhibits portraying the plan view geometry (roadway striping, new pavement limits, and bridge limits), roadway profiles, typical sections, and property impacts (if required) for the M-C Underpass Alternative.

CONSULTANT will revisit the shoofly alignment based on the new, required dimensions, and update the quantities and unit prices based on current (2024) cost data.

CONSULTANT will update the Evaluation Matrix and the Fact Sheet accordingly.

Assumptions:

- The number of lanes required on Alma Street, Meadow Drive, and Charleston Road will remain as previously determined.
- Additional exhibits are not required.
- Two rounds of comments from the City and Caltrain after the revised exhibits are presented.

**Task 6 Deliverables**

- a. Updated plans, exhibits and Sections for up to two underpass alternatives, trench, hybrid, and viaduct (Meadow and Charleston) and one partial underpass alternative (Churchill) – Draft and Final
- b. Final Design Criteria

- c. Presentation materials for Rail Committee meetings and City Council meetings
- d. Public Engagement outreach materials and Virtual Townhall Update

**EXHIBIT "B"**  
**SCHEDULE OF PERFORMANCE, AMENDMENT NO.6**  
**(AMENDED, REPLACES PREVIOUS)**

CONSULTANT shall perform the Services so as to complete each task within the number of days/weeks specified on Attachment "B" Schedule of Performance. Attachment "B" reflects the currently anticipated schedule.' CONSULTANT will regularly update the schedule in consultation with CITY's Project Manager. The time to complete each task may be increased or decreased by mutual written agreement of the project managers for CONSULTANT and CITY so long as all work is completed within the term of the Agreement. Following are the tentative timelines for the task covered in the amendment # 6

- Update to the VR room: April 15, 2024
- City Council Study Session: April 29, 2024
- Community Outreach Meeting: May 22, 2024
- Complete update to Alternatives: June 30, 2024
- Complete the scope of work for this agreement by Dec 31, 2024

**EXHIBIT "B-2"**  
**RAILROAD GRADE SEPARATION PROGRAM, AMENDMENT NO.6**  
**(ADDED)**

<b>Task No.</b>	<b>Task Detail</b>	<b>Estimated Costs</b>
<b>1.0</b>	Project Management	\$12,000
<b>4.1</b>	Additional Public Engagement	\$77,818
<b>6.6</b>	Resolve Caltrain Comments, Update Design Criteria, and Update Project materials for Churchill Underpass, Meadow Charleston Hybrid, Viaduct, Trench and Underpass Alternatives	\$207,388
		<b><u>\$297,206</u></b>

**EXHIBIT "C"**  
**COMPENSATION, AMENDMENT NO.6**  
**(AMENDED, REPLACES PREVIOUS)**

CITY agrees to compensate CONSULTANT for professional services performed in accordance with the terms and conditions of this Agreement, and as set forth in the budget schedule below. Compensation shall be calculated based on the hourly rate schedule attached as Exhibit "C-1" up to the not to exceed budget amount for each task set forth below.

CONSULTANT shall perform the tasks and categories of work as outlined and budgeted below. CITY's Project Manager may approve in writing the transfer of budget amounts between any of the tasks or categories listed below provided the total compensation for Basic Services, including reimbursable expenses, and the total compensation for Additional Services do not exceed the amounts set forth in Section 4 of this Agreement.

TASK		ORIGINAL CONTRACT NOT TO EXCEED AMOUNT	NOT TO EXCEED AMOUNT ADDED OR (SUBTRACTED) BY AMENDMENT	NOT TO EXCEED AMOUNT ADDED BY AMENDMENT NO 2	NOT TO EXCEED AMOUNT ADDED BY AMENDMENT NO 3	NOT TO EXCEED AMOUNT ADDED BY AMENDMENT NO. 4	NOT TO EXCEED AMOUNT ADDED BY AMENDMENT NO. 6
Task 1	Project Management	\$225,184.00	\$136,825	\$48,827	\$0	\$57,982	\$12,000
Task 2	Data Collection &	\$121,117.20	\$12,360	\$0	\$0	\$0	\$0
Task 3	Convene Technical Committee Meetings	\$51,873.60	(\$39,806)	\$0	\$0	\$0	\$0
Task 4	Community	\$285,885.60	\$470,050	\$79,626	\$0	\$33,939	\$77,818
Task 5	Identify Alternative	\$177,420.00	\$0	\$0	\$0	\$0	\$0
Task 6	Identify	\$312,523.20	\$387,406	\$178,419	\$0	\$526,122	\$207,388
Task 7	Assist with CAHSR Analysis Phase	\$32,424.00	\$0	\$0	\$0	\$0	\$0
Task 8	Financing Plan	\$28,032.00	\$59,290	\$0	\$0	\$0	\$0
	Reimbursables and	\$44,200.00	\$0	\$3,000	\$0	\$0	\$0
	Additional Services	0	\$180,000	\$0	\$80,000	\$104,126	
	<b>TOTAL CONTRACT</b>	<b>\$1,278,660.0</b>	<b>\$1,206,126</b>	<b>\$309,872</b>	<b>\$80,000</b>	<b>\$722,120</b>	<b>\$297,206</b>
	<b>MAXIMUM TOTAL</b>						

TOTAL BASIC SERVICES (AMENDMENT NO 6)	\$ 297,206.00
TOTAL BASIC SERVICES (AMENDMENT NO. 4)	\$ 618,044.00
TOTAL BASIC SERVICES (AMENDMENT NO. 2)	\$ 306,872.00
TOTAL BASIC SERVICES (AMENDMENT NO. 1)	\$1,026,126.00
TOTAL BASIC SERVICES (ORIGINAL CONTRACT)	\$1,234,460.00
<b>TOTAL BASIC SERVICES (ORIGINAL &amp; AMENDMENTS)</b>	<b>\$3,482,708.00</b>
<b>Reimbursable Expenses</b>	<b>\$ 47,200.00</b>
Additional Services (Amendment No.1)	\$ 180,000.00
Additional Services (Amendment No.3)	\$ 80,000.00
Additional Services (Amendment No.4)	\$104,126.00
<b>TOTAL Additional Services</b>	<b>\$ 364,126.00</b>
<b>Maximum BASIC &amp; ADDITIONAL SERVICES (AMENDMENT 1-6) Compensation</b>	<b>\$ 3,894,034.00</b>

#### REIMBURSABLE EXPENSES

The administrative, overhead, secretarial time or secretarial overtime, word processing, photocopying, in-house printing, insurance and other ordinary business expenses are included within the scope of payment for services and are not reimbursable expenses. CITY shall reimburse CONSULTANT for the following reimbursable expenses at cost. Expenses for which CONSULTANT shall be reimbursed are:

- A. Travel outside the San Francisco Bay area, including transportation and meals, will be reimbursed at actual cost subject to the City of Palo Alto's policy for reimbursement of travel and meal expenses for City of Palo Alto employees.
- B. Long distance telephone service charges, cellular phone service charges, facsimile transmission and postage charges are reimbursable at actual cost. All requests for payment of expenses shall be accompanied by appropriate backup information. Any expense anticipated to be more than \$2,500.00 shall be approved in advance by the CITY's project manager.

**EXHIBIT "C-5"**  
**HOURLY RATE SCHEDULE, AMENDMENT NO. 6,**  
**(AMENDED, REPLACES PREVIOUS)**

AECOM Billing Rate Table  
2019 Rates

Title	Rates
Principal in Charge/Project Sponsor	\$319.00
Project Manager	\$290.00
Project Engineer - Track / Systems	\$270.00
Structures Manager	\$261.00
Discipline Engineering Manager	\$258.00
QA/QC Manger	\$253.00
Deputy /Lead Project Manager	\$252.00
Project Engineer - RR Coordination	\$250.00
Project Engineer	\$249.00
Support Services Manager	\$240.00
Project Engineer - Geotechnical	\$232.00
Senior Engineer	\$227.00
Finance Manager	\$224.00
Alternative Analysis Manager	\$209.00
Staff Engineer	\$206.00
Project Controls	\$201.00
Project Engineer - Civil	\$194.00
Project Engineer - Bridge / Ret Walls	\$191.00
Sr Engineer - Cost Estimating	\$190.00
Senior Scientist	\$185.00
Web Developer	\$185.00
Senior Graphics Designer	\$180.00
Project Engineer - Cost Estimator	\$175.00
Scheduler	\$165.00
Finance Analyst	\$165.00
Project Engineer - ROW	\$162.00
Junior Engineer	\$155.00
Outreach Manager	\$155.00
Junior Project Controls	\$149.00
Scientist	\$144.00
Graphics Designer	\$144.00
Web Designer	\$144.00
Sr CADD	\$134.00
CADD	\$108.00
Junior Scientist	\$113.00
Outreach Coordinator	\$113.00
Senior Administrative Assistant	\$98.00
Administrative Assistant	\$88.00
Intern	\$67.00
<b>Reimbursable Items to be Billed</b>	
Subcontracted Services	Cost plus 3%
Printing	At Cost
Miscellaneous Expenses	At Cost

**APEX Billing Rate Table**  
2019 Rates

Title	Rate	Markup	Estimated Rate for Work Plan
Principal	\$283.00	3%	\$291.49
Outreach Manager	\$258.00	3%	\$265.74

**Alta Planning + Design Billing Rate Table**  
2019 Rates

Title	Rate	Markup	Estimated Rate Used for Work Plan
Senior Principal	\$339.00	3%	\$349.17
Principal	\$283.00	3%	\$291.49
Principal	\$258.00	3%	\$265.74
Principal	\$230.00	3%	\$236.90
Principal - Senior Associate	\$214.00	3%	\$220.42
Principal - Senior Associate	\$193.00	3%	\$198.79
Principal - Senior Associate	\$187.00	3%	\$192.61
Principal - Senior Associate	\$182.00	3%	\$187.46
Principal - Senior Associate	\$177.00	3%	\$182.31
Senior Associate, Associate	\$170.00	3%	\$175.10
Senior Associate, Associate	\$162.00	3%	\$166.86
Senior Associate, Associate	\$157.00	3%	\$161.71
Associate Senior	\$148.00	3%	\$152.44
Associate Senior	\$143.00	3%	\$147.29
Associate Senior	\$135.00	3%	\$139.05
Senior + Level I	\$119.00	3%	\$122.57
Senior + Level I	\$110.00	3%	\$113.30
Level I + Level II	\$102.00	3%	\$105.06
Level I + Level II	\$92.00	3%	\$94.76
Administration	\$77.00	3%	\$79.31
Intern	\$70.00	3%	\$72.10

**Hexagon Billing Rate Table**  
2019 Rates

Title	Rate	Markup	Estimated Rate Used
President	\$280.00	3%	\$288.40
Principal	\$240.00	3%	\$247.20
Senior II	\$225.00	3%	\$231.75
Senior I	\$210.00	3%	\$216.30
Associate II	\$190.00	3%	\$195.70
Associate I	\$165.00	3%	\$169.95
Planner II	\$150.00	3%	\$154.50
Engineer II	\$150.00	3%	\$154.50
Planner I	\$125.00	3%	\$128.75
Engineer I	\$125.00	3%	\$128.75
Admin	\$105.00	3%	\$108.15
Graphics	\$105.00	3%	\$108.15
Senior CAD Tech	\$95.00	3%	\$97.85
Technician	\$75.00	3%	\$77.25
Intern	\$75.00	3%	\$77.25

## AECOM/URS 2020 RATE SCHEDULE

The services under this Agreement will be compensated in accordance with the following consultant rate schedule and adjusted annually

Name/Position/Title	Fully-Burdened Hourly Rates**
Principal Professional/Project Director	\$285 - \$478
Senior Project Manager	\$227 - \$347
Project Manager	\$206 - \$284
Lead Project Professional/Engineer	\$214 - \$381
Senior Project Professional/Engineer	\$163 - \$271
Sr. Designer/Lab, Field, or CADD Supervisor	\$142 - \$207
Sr. Technician*	\$130 - \$189
Sr. CADD Technician/Sr. Illustrator/Designer*	\$130 - \$177
Project Professional/Engineer	\$130 - \$207
Project Administrator/Controller	\$117 - \$177
Staff Professional/Engineer	\$81 - \$143
Word Processor/Project Assistant/Editor*	\$71 - \$141
Technician*	\$63 - \$154
CADD Technician/Illustrator*	\$71 - \$126
Clerk/Administrator/Intern*	\$38 - \$113

\* Overtime premium charged at cost where required by law for non-exempt employees

\*\* Bill rates are computed as actual pay rate at time of service plus current FAR multiplier plus 10% fee (raw labor + 131.94% for FY 2019 plus 10% fee = 255.13%)

\*\* Salaries are adjusted each January 1, but individual merit or promotional increases may occur at any time.

Reimbursable Items to be Billed	
Subcontracted Services	at cost
In-house printing (per page)	Color \$1.00, B/W \$.10, no markup
Vehicles	\$90/day, \$45/½ day, no markup
Personal vehicles (mileage)	Current IRS rate, no markup
Other miscellaneous Expenses	at cost

**APEX Billing Rate Table  
2020 Rates**

Title	Rate	Markup	Estimated Rate for Work Plan
Principal	\$291.00	0%	\$299.73
Outreach Manager	\$266.00	0%	\$273.98

**Alta Planning + Design Billing Rate Table  
2020 Rates**

Title	Rate	Markup	Estimated Rate Used for Work Plan
Senior Principal	\$349.00	0%	\$349.00
Principal	\$291.00	0%	\$291.00
Principal	\$266.00	0%	\$266.00
Principal	\$237.00	0%	\$237.00
Principal - Senior Associate	\$220.00	0%	\$220.00
Principal - Senior Associate	\$199.00	0%	\$199.00
Principal - Senior Associate	\$193.00	0%	\$193.00
Principal - Senior Associate	\$187.00	0%	\$187.00
Principal - Senior Associate	\$182.00	0%	\$182.00
Senior Associate, Associate	\$175.00	0%	\$175.00
Senior Associate, Associate	\$167.00	0%	\$167.00
Senior Associate, Associate	\$162.00	0%	\$162.00
Associate Senior	\$152.00	0%	\$152.00
Associate Senior	\$147.00	0%	\$147.00
Associate Senior	\$139.00	0%	\$139.00
Senior + Level I	\$123.00	0%	\$123.00
Senior + Level I	\$113.00	0%	\$113.00
Level I + Level II	\$105.00	0%	\$105.00
Level I + Level II	\$95.00	0%	\$95.00
Administration	\$79.00	0%	\$79.00
Intern	\$72.00	0%	\$72.00

**Hexagon Billing Rate Table**  
2020 Rates

Title	Rate	Markup	Estimated Rate Used
President	\$288.00	0%	\$288.00
Principal	\$247.00	0%	\$247.00
Senior II	\$232.00	0%	\$232.00
Senior I	\$216.00	0%	\$216.00
Associate II	\$196.00	0%	\$196.00
Associate I	\$170.00	0%	\$170.00
Planner II	\$155.00	0%	\$155.00
Engineer II	\$155.00	0%	\$155.00
Planner I	\$129.00	0%	\$129.00
Engineer I	\$129.00	0%	\$129.00
Admin	\$108.00	0%	\$108.00
Graphics	\$108.00	0%	\$108.00
Senior CAD Tech	\$98.00	0%	\$98.00
Technician	\$77.00	0%	\$77.00
Intern	\$77.00	0%	\$77.00

**Merrill Morris Partners Billing Rate Table**  
2020 Rates

Title	Rate	Markup	Estimated Rate Used for Work Plan
Principal Landscape Architect	\$208.00	0%	\$0.00
Sr Landscape Architect I	\$178.00	0%	\$0.00
Sr Landscape Architect Project Manager I	\$160.00	0%	\$0.00
Sr Landscape Project Manager I	\$160.00	0%	\$0.00
Landscape Architect Project Manager II	\$136.00	0%	\$0.00
Administration	\$84.00	0%	\$0.00

**WRECO Billing Rate Table**  
2020 Rates

Title	Rate	Markup	Estimated Rate Used for Work Plan
Supervising Engineer	\$197.00	0%	\$197.00
Senior Engineer II	\$186.00	0%	\$186.00
Senior Engineer I	\$180.00	0%	\$180.00
Associate Engineer	\$124.00	0%	\$124.00
Project Engineer	\$124.00	0%	\$124.00
Staff Engineer	\$96.00	0%	\$96.00
Staff Engineer / CADD	\$93.00	0%	\$93.00
CADD	\$85.00	0%	\$85.00
Project Controls / Sr Administrator	\$74.00	0%	\$74.00
Principal Professional	\$116.00	0%	\$116.00
Supervising Professional II	\$96.00	0%	\$96.00
Supervising Professional I	\$79.00	0%	\$79.00
Senior Professional III	\$74.00	0%	\$74.00
Senior Professional II	\$64.00	0%	\$64.00
Senior Professional I	\$54.00	0%	\$54.00
Associate Professional III	\$47.00	0%	\$47.00
Associate Professional II	\$42.00	0%	\$42.00
Associate Professional I	\$37.00	0%	\$37.00
Staff Professional III	\$37.00	0%	\$37.00
Staff Professional II	\$32.00	0%	\$32.00
Staff Professional I	\$27.00	0%	\$27.00
Senior Technician III	\$54.00	0%	\$54.00
Senior Technician II	\$42.00	0%	\$42.00
Senior Technician I	\$37.00	0%	\$37.00
Technician III	\$32.00	0%	\$32.00
Technician II	\$27.00	0%	\$27.00
Technician I	\$22.00	0%	\$22.00
Sr Clerical / Tech Editor III	\$47.00	0%	\$47.00
Sr Clerical / Tech Editor II	\$42.00	0%	\$42.00
Sr Clerical / Tech Editor I	\$37.00	0%	\$37.00
Clerical / Tech Editor III	\$32.00	0%	\$32.00
Clerical / Tech Editor II	\$27.00	0%	\$27.00
Clerical / Tech Editor I	\$22.00	0%	\$22.00

**Table 1. Estimated Cost for Each Meeting with City Council or XCAP**

	AECOM				Hexgon	Total
	\$326.20	\$280.95	\$220.98	\$206.80		
	Etty	Millette	Peter	Paul	Gary	
	Mercurio	Litzinger	DeStefano	Burge	Black	
Meeting Preparation	4	16	20	4	8	52
Attendance	4	4	4		4	16
<b>Total Hours</b>	<b>8</b>	<b>20</b>	<b>24</b>	<b>4</b>	<b>12</b>	<b>68</b>
<b>Subtotal Cost</b>	<b>\$2,609.60</b>	<b>\$5,619.00</b>	<b>\$5,303.52</b>	<b>\$827.20</b>	<b>\$3,480.00</b>	<b>\$17,839</b>
10% Contingency						\$1,784
<b>Total (rounded to nearest \$1,000)</b>						<b>\$20,000</b>

**AECOM 2021 RATE SCHEDULE**

The services under this Agreement will be compensated in accordance with the following consultant rate schedule and adjusted annually

<b>Name/Position/Title</b>	<b>Fully-Burdened Hourly Rates**</b>
Principal Professional/Project Director	\$289 - \$412
Senior Project Manager	\$228 - \$358
Project Manager	\$208 - \$292
Lead Project Professional/Engineer	\$215 - \$394
Senior Project Professional/Engineer	\$164 - \$237
Sr. Designer/Lab, Field, or CADD Supervisor	\$144 - \$188
Sr. Technician*	\$126 - \$188
Sr. CADD Technician/Sr. Illustrator/Designer*	\$126 - \$183
Project Professional/Engineer	\$126 - \$214
Project Administrator/Controller	\$119 - \$183
Staff Professional/Engineer	\$106 - \$132
Junior Professional/Engineer	\$63 - \$107
Word Processor/Project Assistant/Editor*	\$71 - \$145
Technician*	\$63 - \$158
CADD Technician/Illustrator*	\$71 - \$130
Clerk/Administrator/Intern*	\$38 - \$117

\* Overtime premium charged at cost where required by law for non-exempt employees

\*\* Bill rates are computed as actual pay rate at time of service plus current FAR multiplier plus 10% fee (raw labor + 130.70% for FY 2020 plus 10% fee = 253.77%)

\*\* Salaries are adjusted each January 1, but individual merit or promotional increases may occur at any time.

## Hexagon 2021 Billing Rates

<u>Professional Classification</u>	<u>Rate per Hour</u>
President	\$290
Principal	\$250
Senior Associate II	\$230
Senior Associate I	\$215
Associate II	\$195
Associate I	\$175
Planner/Engineer II	\$155
Planner/Engineer I	\$125
Admin/Graphics	\$110
Senior CAD Tech	\$95
Technician	\$75

Direct expenses are billed at actual costs, with the exception of mileage, which is reimbursed at the current rate per mile set by the IRS.

Billing rates shown are effective January 1, 2021 and subject to change January 1, 2022.

### AECOM/URS 2022 RATE SCHEDULE

The services under this Agreement will be compensated in accordance with the following consultant rate schedule and adjusted annually

Name/Position/Title	Fully-Burdened Hourly Rates**
Principal Professional/Project Director	\$296 - \$429
Senior Project Manager	\$236 - \$374
Project Manager	\$213 - \$305
Lead Project Professional/Engineer	\$223 - \$412
Senior Project Professional/Engineer	\$170 - \$247
Sr. Designer/Lab, Field, or CADD Supervisor	\$149 - \$196
Sr. Technician*	\$131 - \$196
Sr. CADD Technician/Sr. Illustrator/Designer*	\$131 - \$191
Project Professional/Engineer	\$131 - \$224
Project Administrator/Controller	\$121 - \$191
Staff Professional/Engineer	\$109 - \$138
Junior Professional/Engineer	\$65 - \$112
Word Processor/Project Assistant/Editor*	\$73 - \$153
Technician*	\$65 - \$165
CADD Technician/Illustrator*	\$73 - \$135
Clerk/Administrator/Intern*	\$38 - \$122

\* Overtime premium charged at cost where required by law for non-exempt employees

\*\* Bill rates are computed as actual pay rate at time of service plus current FAR multiplier plus 10% fee (raw labor + 130.70% for FY 2020 plus 10% fee = 253.77%)

\*\* Salaries are adjusted each October 1, but individual merit or promotional increases may occur at any time.

Reimbursable Items to be Billed	
Subcontracted Services	Cost plus 5%
In-house printing (per page)	Color \$1.00, B/W \$.10, no markup
Vehicles	\$90/day, \$45/½ day, no markup
Personal vehicles (mileage)	Current IRS rate, no markup
Other miscellaneous Expenses	At cost

## Hexagon 2024 Billing Rates

<b>Professional Classification</b>	<b>Rate per Hour</b>
President	\$335
Principal	\$290
Senior Associate II	\$270
Senior Associate I	\$250
Associate II	\$225
Associate I	\$200
Planner/Engineer II	\$170
Planner/Engineer I	\$140
Admin/Graphics	\$120
Assistant Planner/Engineer	\$115
Technician	\$85

Direct expenses are billed at actual costs, with the exception of mileage, which is reimbursed at the current rate per mile set by the IRS.

Billing rates shown are effective January 1, 2024 and subject to change January 1, 2025.

## AECOM/URS 2024 RATE SCHEDULE

The services under this Agreement will be compensated in accordance with the following consultant rate schedule and adjusted annually

Name/Position/Title	Fully-Burdened Hourly Rates**
Principal Professional/Project Director	\$317 - \$508
Senior Project Manager	\$251 - \$409
Project Manager	\$228 - \$333
Lead Project Professional/Engineer	\$258 - \$450
Senior Project Professional/Engineer	\$210 - \$277
Sr. Designer/Lab, Field, or CADD Supervisor	\$159 - \$214
Sr. Technician*	\$142 - \$214
Sr. CADD Technician/Sr. Illustrator/Designer*	\$142 - \$209
Project Professional/Engineer	\$137 - \$219
Project Administrator/Controller	\$104 - \$209
Staff Professional/Engineer	\$114 - \$150
Junior Professional/Engineer	\$81 - \$122
Word Processor/Project Assistant/Editor*	\$78 - \$168
Technician*	\$71 - \$181
CADD Technician/Illustrator*	\$78 - \$145
Clerk/Administrator/Intern*	\$40 - \$132

\* Overtime premium charged at cost where required by law for non-exempt employees

\*\* Bill rates are computed as actual pay rate at time of service times 2.5377 multiplier

\*\* Salaries are adjusted each October 1, but individual merit or promotional increases may occur at any time.

Reimbursable Items to be Billed	
Subcontracted Services	Cost plus 3%
In-house printing (per page)	Color \$1.00, B/W \$.10, no markup
Vehicles	\$90/day, \$45/½ day, no markup
Personal vehicles (mileage)	Current IRS rate, no markup
Other miscellaneous Expenses	At cost