

# Exhibit A-2: Second Amendment Scope of Work

February 11, 2025

**Attention: Mohamed Alaoui, PE, TE**  
**Public Works Director**  
**City of Emeryville**  
**1333 Park Avenue**  
**Emeryville, CA 94608**

**SUBJECT: On-Call Construction Management and Engineering Design  
Second Amendment Scope of Work**

Dear Mr. Alaoui,

MNS Engineers, Inc. (MNS) is pleased to submit this proposed scope of work and fee in response to the City's request to provide professional services for additional tasks as part of the existing on-call construction management and engineering design services contract.

## Item 1 – Design Support for 2025 Sustainable Streetscapes Project

### Scope of Work

MNS will provide design support for the 2025 Sustainable Streetscape project. The list of potential projects includes:

- Adeline Street Class IV Bikeway 41<sup>st</sup> Street to 47<sup>th</sup> Street Concept Design.
- Adeline Street Class IV Bikeway 36<sup>th</sup> Street to 47<sup>th</sup> Street Final Design.
- Marina Area Final Design Modifications.
- Paving Rehabilitation Plans.
- Local Roadway Safety Plan Design Documents.

The concept design of Adeline Street Class IV Bikeway from 36<sup>th</sup> Street to 41<sup>st</sup> Street is included in the first amendment of the on-call contract.

For all these projects our team will work with the City to address ADA elements such as non-compliant sidewalk and curb ramps, within the given work area to ensure pedestrian paths of travel meet PROWAG requirements.

#### Adeline Street Class IV Bikeway 41st Street to 47th Street Concept Design

Our team will develop a plan based on directions provided by the City and using available plans, mapping or online services. Concept plans and estimate will be prepared for presentation to City transportation committee.

#### Adeline Street Class IV Bikeway 36th Street to 47th Street Final Design

Our team will build upon the previously prepared concept designs and develop the final design plans for the entire stretch of Adeline Street from 36<sup>th</sup> Street to 47<sup>th</sup> Street. The work will require topographic surveying. Project components include bicycle buffer islands, pavement delineation and marking, ADA curb ramps, and pavement rehabilitation.

#### Marina Area Final Design Modifications

MNS will help to finalize modifications to work in the Marina area that was contemplated in the 2024 Sustainable Streetscape project. This work will consist of red-lined sketches in PDF format.

#### Paving Rehabilitation Plans

Our team will prepare paving rehabilitation plans utilizing City mapping. These plans will be used to show the general location and intent of the work (2-inch remove and reconstruct), as well quantify the items of work.

### MNS DETAILS

#### CORPORATE OFFICE

201 N. Calle Cesar Chavez,  
Suite 300  
Santa Barbara, CA 93103  
805.692.6921 Office/Fax

#### LOCAL OFFICE

401 Grand Avenue, Suite 200  
Oakland, CA 94610  
805.692.6921

#### AUTHORIZED SIGNATURE

Shawn Kowalewski  
Vice President  
(805) 456-3540  
SKowalewski@MNSEngineers.com

Local Roadway Safety Plan Design Documents

Our team will prepare “quick implementation” documentation for striping and minor civil improvements that come out of the Local Roadway Safety Plan (LRSP). Documentation will typically be sketches without survey, and abbreviated cost estimates.

**Fee**

Fee estimates can vary greatly depending on the size and complexity of the projects contemplated and will be more accurately determined at the time of assignment. Our team will work with the City to complete the work within the estimated fee, and we will notify the City when the work effort exceeds the budget.

Description	Estimated Fee
Adeline Street Class IV Bikeway (41 <sup>st</sup> – 47 <sup>th</sup> ) Concept Design	\$40,000
Adeline Street Class IV Bikeway (36 <sup>th</sup> – 47 <sup>th</sup> ) Final Design	\$250,000
Marina Area Final Design Modifications	\$10,000
Paving Rehabilitation Plans	\$50,000
Local Roadway Safety Plan Design Documents	\$50,000
<b>Total: \$400,000</b>	

**Item 2 – On-Call Design and Grant Support**

**Scope of Work**

MNS will prepare 35% level designs for current unfunded projects in the City CIP, and 10% planning level designs for ATP, LRSP and ADA Implementation Plans.

We will also prepare an Engineer’s Opinion of Construction Cost for each design. The estimate will be based on our experience on recent projects of similar sizes and scope, as well as cost estimating databases, communication with contractors, and other resources.

**Fee**

Based on previous design efforts, the estimated fee for developing 35% designs is \$35,000 per location. Development of planning level exhibits (10% designs) is estimated at \$15,000 per location. Fee estimates can vary greatly depending on the size and complexity of the projects contemplated and will be more accurately determined at the time of assignment. Our team will work with the City to complete the work within the estimated fee, and we will notify the City when the work effort exceeds the budget.

Description	Estimated Fee
On-Call Design and Grant Support	\$150,000
<b>Total: \$150,000</b>	

**Item 3 – McLaughlin Eastshore Park**

**Scope of Work**

MNS will prepare plans, specifications and estimates for the HDS unit and park amenities.

The HDS unit is proposed within the eastbound travel lanes of Powell Avenue.

The subgrade is anticipated to be contaminated. A subconsultant will sample the soil for hazardous materials and suggest disposal options that will be provided in the specifications to the contractor.

Civil engineering and landscape architecture elements include:

- Decomposed granite (DG) path alignment, profile and section and viewing areas.
- Tree removals, trim and remove invasive species.
- Plant native shrubs and replant tree.
- Bike parking.
- Demolition of existing hardscape improvements.
- Repair of sidewalk.
- Cobbled swale.
- Tice backflow prevention device (one-way duckbill valve).
- Benches, disposal receptacles, and interpretive and other signs.

Structure geotechnical engineering elements include:

- Timber footbridge (20 feet long by 6 feet wide, assumed).
- Timber birdwatching platform (30 feet long by 8 feet wide, assumed).

Plans and specs will be submitted for City review at the 65% and 95% complete design stages.

City will perform external coordination and permitting.

### Fee

Description	Estimated Fee
Surveying	\$20,000
Hazardous Materials Testing	\$10,000
Geotechnical Engineering (for structure footings)	\$15,000
Civil Engineering	\$50,000
Landscape Architecture	\$15,000
Structure Engineering	\$30,000
Construction Management (15% of Construction Cost)	\$90,000
15% Contingency	\$34,500
<b>Total:</b>	<b>\$264,500</b>

## Item 4 – Construction Management Support

### Scope of Work

Our CM team will support the City on various projects as requested and within budgets listed in the table below.

### Fee

The fee for the 2025 Sustainable Streetscapes project is based on 15% of an estimated construction value of \$1,500,000. The estimated fees for the other projects were developed in conjunction with City staff. Actual fees are “to be determined” as projects scheduled for construction.

Description	Estimated Fee
2025 Sustainable Streetscapes Project	\$225,000
Upcoming Private Development Projects	\$200,000
On-Call Support for new FY25/26 CIP Projects	\$100,000
<b>Total:</b>	<b>\$525,000</b>

## Scope Exclusions

With our understanding of the work, the following are not required:

- Topographic mapping unless specifically called out in our scope.
- Traffic operations and modelling.
- Traffic signal modifications.
- Right of way retracement.
- Temporary construction easements.
- Utility coordination.
- Geotechnical engineering, except as noted for McLaughlin Eastshore Park.
- Hydrology and hydraulics analysis and design.
- Environmental permits.
- Water quality permits.
- Water Pollution Control Plan (WPCP) or Storm Water Pollution Prevention Plan (SWPPP).
- Tree species identification and mapping.
- Endangered species or protected habitat identification and mapping.

## Summary of Estimated Fee

<b>Description</b>	<b>Estimated Fee</b>
Item 1 – 2025 Sustainable Streetscapes Project	\$400,000
Item 2 – On-Call Design and Grant Support	\$150,000
Item 3 – McLaughlin Eastshore Park	\$264,500
Item 4 – Construction Management Support	\$525,000
<b>Grand Total:</b>	<b>\$1,339,500</b>

## Closing

Thank you for the opportunity to submit this proposal. We are excited and look forward to continuing to work with the City to deliver projects for the community. Please feel free to contact me with any questions you may have at 805-456-3540 or SKowalewski@MNSEngineers.com.

Sincerely,  
**MNS Engineers, Inc.**

Shawn Kowalewski, PE  
Principal Engineer, Vice President

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**EXHIBIT A-2: AMENDMENT No.2 SCOPE OF WORK**  
**Emeryville Public Works On-Call Contract**

**Original Contract and Amendment No.1**

Project	Status	(A)	(B)	(C)	(D) = (B+C)	(E) = (A-D)	Constr		Design		CM	
		Pgrm'd Budget	JTD	ETC	Final Budget	Delta						
Shellmound 62nd-65th CI-IV	Closed	\$35,263.00	\$35,263.00	\$0.00	\$35,263.00	\$0.00	\$554,000	\$35,263	6%	n/a	0%	
Bay St Cycle Track	Closed	\$63,995.00	\$40,090.50	\$0.00	\$40,090.50	\$23,904.50	n/a	n/a	0%	\$40,091	0%	
BMR Offsite Imp	Closed	\$180,806.40	\$160,594.00	\$0.00	\$160,594.00	\$20,212.40	n/a	n/a	0%	\$160,594	0%	
Sherwin Williams Traf. Calm.	Closed	\$63,995.40	\$63,995.00	\$0.00	\$63,995.00	\$0.40	n/a	n/a	0%	\$63,995	0%	
CIP Sewer Spot Rprs FY22/23	Closed	\$152,124.00	\$142,477.43	\$0.00	\$142,477.43	\$9,646.57	\$406,244	n/a	0%	\$142,477	35%	
Hollis St Transit and Ped Imp	DSDC	\$563,450.00	\$615,293.15	\$25,000.00	\$640,293.15	-\$76,843.15	\$4,400,000	\$640,293	15%	n/a	0%	
Marina Lighting	Closed	\$350,000.00	\$250,401.53	\$5,000.00	\$255,401.53	\$94,598.47	\$1,408,725	n/a	0%	\$255,402	18%	
Sustainable Streetscape 2024	Active	\$227,036.00	\$248,779.50	\$235,000.00	\$483,779.50	-\$256,743.50	\$9,500,000	\$25,000	0%	\$458,780	5%	
Shellmound-Temescal Crk Brdg	Closed	\$10,007.00	\$10,006.72	\$0.00	\$10,006.72	\$0.28	n/a	n/a	0%	n/a	0%	
Doyle Street	Active	\$35,500.00	\$29,095.00	\$10,000.00	\$39,095.00	-\$3,595.00	\$400,000	\$39,095	10%	n/a	0%	
Adeline Concept 36th - 41st	Active	\$35,000.00	\$0.00	\$35,000.00	\$35,000.00	\$0.00			0%	n/a	0%	
<b>TOTAL</b>		<b>\$1,717,176.80</b>	<b>\$1,595,995.83</b>	<b>\$310,000.00</b>	<b>\$1,905,995.83</b>	<b>-\$188,819.03</b>						

**Amendment No.2**

Project	Status	(A)	(B)	(C)	(D) = (B+C)	(E) = (A-D)	Constr		Design		CM	
		Pgrm'd Budget	JTD	ETC	Final Budget	Delta						
<i>McLaughlin - East Shore Park Imp</i>	<i>Pending Amend No.2</i>	<i>\$264,500.00</i>		<i>\$264,500.00</i>	<i>\$264,500.00</i>	<i>\$0.00</i>	<i>\$587,500</i>	<i>\$161,000</i>	<i>27%</i>	<i>\$103,500</i>	<i>18%</i>	
<i>Adeline Concept 41st - 47th</i>	<i>Pending Amend No.2</i>	<i>\$40,000.00</i>		<i>\$40,000.00</i>	<i>\$40,000.00</i>	<i>\$0.00</i>			<i>0%</i>		<i>0%</i>	
<i>Adeline Final Design</i>	<i>Pending Amend No.2</i>	<i>\$250,000.00</i>		<i>\$250,000.00</i>	<i>\$250,000.00</i>	<i>\$0.00</i>			<i>0%</i>		<i>0%</i>	
<i>Marina Area Final Design Mods</i>	<i>Pending Amend No.2</i>	<i>\$10,000.00</i>		<i>\$10,000.00</i>	<i>\$10,000.00</i>	<i>\$0.00</i>			<i>0%</i>		<i>0%</i>	
<i>Paving Rehab Plans</i>	<i>Pending Amend No.2</i>	<i>\$50,000.00</i>		<i>\$50,000.00</i>	<i>\$50,000.00</i>	<i>\$0.00</i>			<i>0%</i>		<i>0%</i>	
<i>LRSP Design Docs</i>	<i>Pending Amend No.2</i>	<i>\$50,000.00</i>		<i>\$50,000.00</i>	<i>\$50,000.00</i>	<i>\$0.00</i>			<i>0%</i>		<i>0%</i>	
<i>On-Call Design &amp; Grant Support</i>	<i>Pending Amend No.2</i>	<i>\$150,000.00</i>		<i>\$150,000.00</i>	<i>\$150,000.00</i>	<i>\$0.00</i>			<i>0%</i>		<i>0%</i>	
<i>2025 Sustainable Streetscapes</i>	<i>Pending Amend No.2</i>	<i>\$225,000.00</i>		<i>\$225,000.00</i>	<i>\$225,000.00</i>	<i>\$0.00</i>	<i>\$1,500,000</i>	<i>n/a</i>	<i>0%</i>	<i>\$225,000</i>	<i>15%</i>	
<i>Upcoming Private Dev Projects</i>	<i>Pending Amend No.2</i>	<i>\$200,000.00</i>		<i>\$200,000.00</i>	<i>\$200,000.00</i>	<i>\$0.00</i>			<i>0%</i>		<i>0%</i>	
<i>On-Call Support of FY25/26 CIPs</i>	<i>Pending Amend No.2</i>	<i>\$100,000.00</i>		<i>\$100,000.00</i>	<i>\$100,000.00</i>	<i>\$0.00</i>			<i>0%</i>		<i>0%</i>	
<b>TOTAL</b>		<b>\$1,339,500.00</b>	<b>\$0.00</b>	<b>\$1,339,500.00</b>	<b>\$1,339,500.00</b>	<b>\$0.00</b>						

<b>Contract</b>	<b>\$1,050,000.00</b>
<b>Amendment No.1</b>	<b>\$950,000.00</b>
<b>Amendment No.2</b>	<b>\$1,339,500.00</b>
<b>TOTAL CONTRACT</b>	<b>\$3,339,500.00</b>