

Meeting Date: June 24, 2024

To: Public Works Commission

Through: Carla Short, Public Works Director

Albert Ko, City Engineer, and Deputy Director for Public Works

From: Earl Gaffud, Public Works Project Manager

Subject: PW Contract No. 36 Traffic Signal Modifications, Contract ID No.

1000031023 - Approval of Additional Scope and Increase to Construction

Duration

Director's Recommendation: Approve an increase of \$2,754,707.20 to the contract sum and an increase of 365 days to the contract duration contingency for Contract No. 36 Traffic Signal Modifications with Bay Area Lightworks, Inc due to client-requested addition of new traffic signal work at the intersections of 19th Street/Folsom, 21st Street/Folsom, 22nd Street/ Folsom, 23rd Street/Folsom, and Gough/Market; and authorize the Director of Public Works to approve modifications to the contract for a total contract amount of \$6,542,429.60 and duration of up to 1,033 calendar days.

Contract Background: The work to be done under this contract consists of upgrading the traffic signal infrastructure curb ramps, sidewalk, curb and gutters, and sewer at the intersections of 3rd Street / Carroll Avenue, 4th St / Howard Street, 7th Avenue / Kirkham Street, 9th Street / Brannan Street, 9th St / Bryant Street, 10th St / Bryant Street, 17th Street / Folsom Street, 20th Street / Dolores Street, Bush Street / Taylor Street, California Street / Presidio Avenue, Essex Street / Harrison Street, Jones Street / Pine Street, Pine Street / Taylor Street, and Stanyan Street / Turk Boulevard, in San Francisco, California

Reason for Modification: The Public Works Commission awarded this contract on October 6, 2023 (Public Works Commission Resolution 2023-0094). SFMTA is at risk of losing approximately \$1.2 million in Affordable Housing and Sustainable Communities grant funds for the four locations on Folsom if the signal improvements are not constructed by April 2025 and final billings sent in June 2025. The Gough/Market location is being included to address a safety issue. These five locations were previously in another traffic signal project which was delayed and the projected schedule would not meet the AHSC Grant criteria. The best way to address these issues was to include the work in a change order to Contract 36, especially since Contract 36 already has nearby scope at 17th Street/Folsom. In order to meet the schedule and avoid losing the funding, these five locations will need to be prioritized ahead of other locations on Contract 36, and construction for these change order locations must be complete by April 2025. Staff proposes to increase the total contract amount to \$6,542,429.60 and increase the total contract duration to 1,033 consecutive calendar days to allow the construction of the new locations.

Contract Details:

Contract Title:	PW Contract No. 36 Traffic Signal Modifications		
Personal Services Contract No. (Required for Professional Services Only):	N/A		
Contract Original Award Amount:	\$3,443,384.00 + \$344,338.40 contingency		
Contract Original Duration:	608 calendar days + 60 calendar days contingency		
Contractor Name:	Bay Area Lightworks, Inc.		

Summary of Contract Value:

Jummary of Contract value.				
Contract Cost Amount	Amounts			
Original Contract Amount:	\$3,443,384.00			
Original Contingency Amount:	\$344,338.40			
Previously Approved Contingency Reserve:	-			
Additional Contingency Reserve Requested:	\$2,754,707.20			
Authorized Contract Cost Limit:	\$6,542,429.60			

Contract Duration	Days
Original Contract Duration (Substantial & Final):	608
Original Contingency Duration:	60
Previously Approved Contingency Reserve:	-
Additional Contingency Reserve Requested:	365
Authorized Contract Duration Limit:	1,033

Contract Funding Sources:	Proposition L (Prop L) Half-Cent Sales Tax Proposition K (Prop K) Half-Cent Sales Tax Affordable Housing and Sustainable Communities (AHSC) Grant
Compliance Information:	 Citywide Project Labor Agreement ("PLA") Compliant 12B Equal Benefits Ordinance Compliant 14B Local Business Enterprise and Program Compliant
Related Commission Actions:	Contract Award – Public Works Commission Resolution 2023- 0094
Additional Information:	N/A

PW Contract No. 36 Traffic Signal Modifications, Sourcing Event ID No. 0000007829 – Modification Public Works Commission Meeting: June 24, 2024

Attachments:	Attachment 1: Resolution
	Attachment 2: Bid Tabulations
	Attachment 3: Contract Monitoring Division Memorandum
	Attachment 4: Updated_Contract_35_checklist_2018-
	016451ENV

PUBLIC WORKS COMMISSION CITY AND COUNTY OF SAN FRANCISCO

RESOLUTION NO
WHEREAS, On October 6, 2023, San Francisco Public Works awarded Contract No. 36 Traffic Signal Modifications Contract No. 1000031023 to Bay Area Lightworks, Inc.; and
WHEREAS, The original contract amount was \$3,443,384.00 and the original contract duration was 608 consecutive calendar days; and
WHEREAS, Public Works staff now requests an increase in the contract amount by \$2,754,707.20 and to the contract duration by 365 consecutive calendar days due to the client requested addition of 5 new locations: 19 th Street/Folsom, 21 st Street/Folsom, 22 nd Street/Folsom, and Gough/Market; and
WHEREAS, On September 1, 2022, the San Francisco Planning Department determined the project was exempt in (Case No. 2022-007290ENV or "CEQA Determination") finding that the project is exempt from the California Environmental Quality Act ("CEQA") under Statutory Exemption per Public Resources Code section 21080.25 as demonstrated in the SB 288 Eligibility Checklist; and,
WHEREAS, The duration modification approved by this resolution would cover the longer construction duration due to client requested change order; now, therefore, be it
RESOLVED, That this Commission hereby approves an increase of \$2,754,707.20 to the total contract amount and 365 calendar days to the contract duration for Contract No. 36 Traffic Signal Modifications with Bay Area Lightworks, Inc.; and be it
FURTHER RESOLVED, That this Commission hereby authorizes the Director of Public Works to approve modifications to the contract for a total contract amount of \$6,542,429.60 and duration of up to 1,033 calendar days.
I hereby certify that the foregoing resolution was adopted by the Public Works Commission at its meeting of

Commission Affairs Manager Public Works Commission













June 24, 2024

Contract 36: Traffic Signal Modifications

Earl Gaffud

Project Manager, Electrical Section, Infrastructure Design & Construction











Contract 36: Traffic Signal Modifications

Approve Contract Modification

Recommend Commission:

To approve a contract modification to increase the contract duration by 365 calendar days and increase the contract cost by \$2,754,707.20

Original Amount:

\$3,443,384.00

Original Construction Duration:

608 calendar days

Contractor:

Bay Area Lightworks, Inc.

Reason:

Client-requested addition of new traffic signal work at the intersections of 19th Street/Folsom, 21st Street/Folsom, 22nd Street/ Folsom, 23rd Street/Folsom, and Gough/Market.

Contract 36: Traffic Signal Modifications

Various Locations

14 original locations

5 new locations

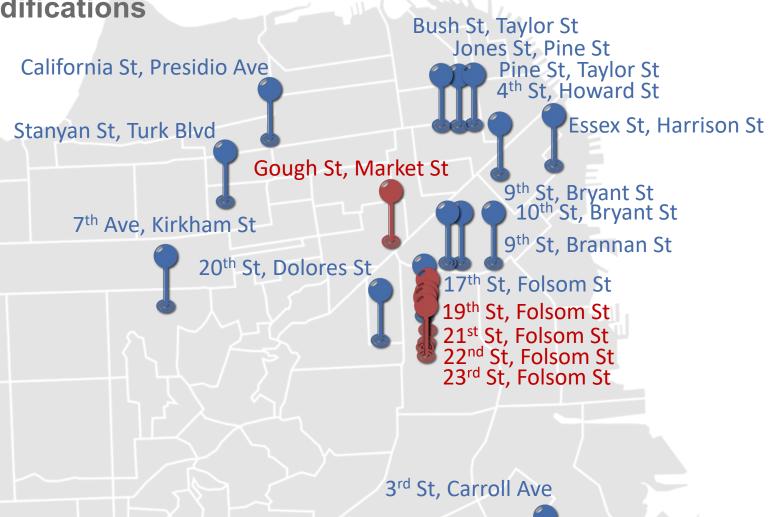
Funding Source:

Proposition L (Prop L) Half-Cent Sales Tax Proposition K (Prop K) Half-Cent Sales Tax Affordable Housing and Sustainable Communities (AHSC) Grant

More info:

https://sfpublicworks.org/

Contract 36: Traffic Signal Modifications



Project Improvements









- Traffic signal upgrades
- Streetlighting upgrades
- Curb ramp and accessibility improvements

Reason for Modifications



Affordable Housing and Sustainable Communities (AHSC) Program

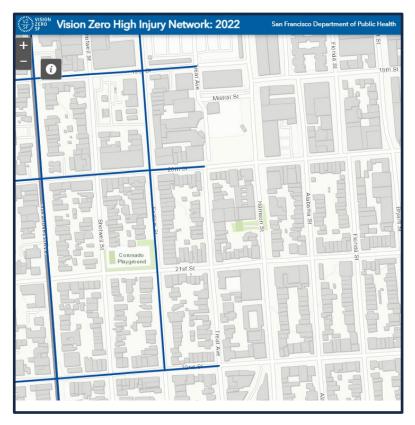
The AHSC Program funds Projects that implement land-use, housing, transportation, and agricultural land preservation practices that reduce greenhouse gas (GHG) emissions.

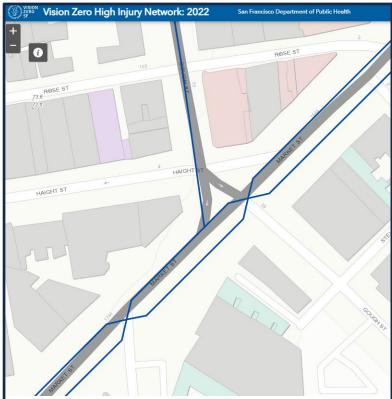
Funding for the AHSC Program is provided from the Greenhouse Gas Reduction Fund (GGRF), an account established to receive Cap-and-Trade auction proceeds.

AHSC Grant funding expiration

SFMTA is at risk of losing approximately \$1.2 million in AHSC (Affordable Housing and Sustainable Communities) grant funds for the 4 locations on Folsom if the signal improvements are not constructed by April 2025 and final billings sent in June 2025.

Reason for Modifications



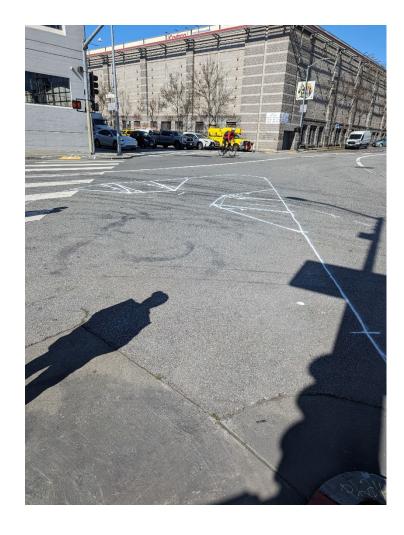


Vision Zero High Injury Network

Pedestrian safety improvements on 19th Street/Folsom, 21st Street/Folsom, 22nd Street/ Folsom, and Gough/Market.

The 2022 Vision Zero High Injury Network – created by the San Francisco
Department of Public Health (SFDPH)
using a combination of severe and fatal
injury data – identifies street segments
that have a high number of fatalities and
severe injuries and helps inform where
interventions could save lives and reduce
injury severity.

Reason for Modifications





Intersection Safety Improvements

- Street light replacement/addition
 - Improvement to low lighting and dark spots
 - Meet required lighting criteria
- Traffic signal upgrade
 - Increased visibility
 - Upgrade to efficient LED fixtures
- Curb ramp upgrade
 - Accessibility upgrades
 - Meet current codes and standards
- Push button installation
 - Provide signaling for disabilities

Current Project Status

Construction started: **April 8, 2024**

Original contract duration: **608 calendar days**

Original contract cost: **\$3,443,384.00**

Contract cost contingency: \$344,338.40

Approximate completion to date: 1%

Time extension:
365 calendar days or
Thirteen (12) months

Reason:
Client-requested addition
of (5) new locations

Projected final completion: **December 2026**

Revised Contract Cost: **\$6,198,091.2**

Contract 36: Traffic Signal Modifications

Approve Contract Modification

Recommend Commission:

To approve a contract modification to increase the contract duration by 365 calendar days and increase the contract cost by \$2,754,707.20

Original Amount:

\$3,443,384.00

Original Construction Duration:

608 calendar days

Contractor:

Bay Area Lightworks, Inc.

Reason:

Client-requested addition of new traffic signal work at the intersections of 19th Street/Folsom, 21st Street/Folsom, 22nd Street/ Folsom, 23rd Street/Folsom, and Gough/Market.



QUESTIONS

City and County of San Francisco Department of Public Works TABULATION OF BIDS

SOURCING ID: 0000007829

CONTRACT TITLE: PW CNTRT NO.36 TRFFC SGNL MOD

FULL TITLE: PW CONTRACT NO. 36 TRAFFIC SIGNAL MODIFICATIONS

BIDS RECEIVED: July 12, 2023

BIDDERS (in the order received & opened):

LBE Status Claimed

Total Bid Price

 Liffey Electric
 Micro-LBE 10%
 \$4,354,391.00

 Bay Area Lightworks, Inc.
 Small-LBE 10%
 \$3,443,384.00

Average Bid: \$3,898,887.50

Engineer's Estimate: \$3,600,000.00

% of Engineer's Estimate: 108%

% of Engineer's Estimate vs. Low Bid Received 96%

cc: Earl Gaffud Carla Short Albert Ko All Bidders

Chi lao Fernando Cisneros K2 Systems Selormey Dzikunu Patrick Rivera Nicolas Huff Ed Yee Cyril Velasquez Raymond Woo

For complete subcontractor listings, check: https://bidopportunities.apps.sfdpw.org/CaseLoad/Details/2454

July 12, 2023



CONTRACT MONITORING DIVISION OFFICE OF THE CITY ADMINISTRATOR



London N. Breed, Mayor Carmen Chu, City Administrator

Stephanie Tang, Director

MEMORANDUM

Date: August 2, 2023

To: Earl Gaffud, Project Manager, Department of Public Works

From: Sheila Tagle, Contract Compliance Officer, CMD

Subject: 0000007829 PW Contract No. 36 Traffic Signal Modifications

The Contract Monitoring Division ("CMD") has reviewed the bids submitted for the above referenced project, applied the appropriate bid discounts, and determined responsiveness to the Chapter 14B pre-award requirements.

Bay Area Lightworks, Inc. ("Bay Area Lightworks"), a Small-OBE LBE, is the lowest responsive bidder with a bid of \$3,443,384.00.

The LBE subcontracting requirement for this project is 25%. Bay Area Lightworks' LBE subcontracting commitment is 26.67%.

Bay Area Lightworks met the Good Faith Outreach requirement under Approach A – 35%. Bay Area Lightworks will perform \$2,525,051.00 of the project's scope of work.

The following firms were listed on the Proposed Subcontractors Form:

Subcontractor	Scope of Work	LBE Status	Listed Amount	LBE Credited Amount	LBE Participation (based on credited amount)
DR Traffic Control LLC	Traffic control, traffic control plans	SF MBE-Micro	\$330,000	\$330,000	9.58%
Basset Engineering	Open cut sewer installation	SF OBE-Micro	\$77,153	\$77,153	2.24%
R&S Construction Management, Inc.	Concrete curb work	SF MBE-Micro	BE-Micro \$511,180 \$511,180		14.85%
		TOTAL	\$918,333	\$918,333	26.67%

Bay Area Lightworks did not list any non-LBE subcontractor firms on the Proposed Subcontractors Form.

Based on the foregoing, CMD has determined that Bay Area Lightworks has complied with the preaward Chapter 14B requirements. Should you have any questions, please email me at sheila.tagle@sfgov.org.



49 South Van Ness Avenue, Suite 1400 San Francisco, CA 94103 628.652.7600 www.sfplanning.org

CEQA Exemption Determination

PROPERTY INFORMATION/PROJECT DESCRIPTION

Proje	ct Address		Block/Lot(s)
SFMT	A - Contract 35 –	Traffic Signal Upgrade Project	
Case	No.		Permit No.
2018-	016451ENV		
_	dition/ eration	Demolition (requires HRE for Category B Building)	New Construction
_	=	Planning Department approval.	
count	down signals, unde sible pedestrian si	des new signal timing and the installation of new verground conduit, pull boxes, signal poles, mast argnals, and ADA compliant curb ramps at intersect	m poles, controller cabinets,
found		on is twelve (12) feet for the signal pole foundation (24) inches for the underground conduits and pull	
22nd 30th S Baker	St/ Folsom, (6) 23i St/ San Jose, (11) 3 7/ Hayes, (16) Calif	ude: (1) 6thAve/ Irving, (2) 16th St/ Sanchez, (3) 19rd St/ Folsom, (7) 25th Ave/ Anza, (8) 25th Ave/ Cl 30th Ave/ Fulton, (12) 36th Ave/ Fulton, (13) Alem fornia/ Larkin, (17) Evans/Phelps, (18) Haight/Steir a/Twin Peaks Blvd, (22) Gough/Market	lement, (9) 29th St/ San Jose, (10) any/ Sickles, (14) Anza/ Stanyan, (15)
	P 1: EXEMPTIC	ON TYPE letermined to be exempt under the California En	vironmental Quality Act (CEQA).
	Class 1 - Existin	g Facilities. Interior and exterior alterations; addit	ions under 10,000 sq. ft.
		onstruction. Up to three new single-family resider rcial/office structures; utility extensions; change of a CU.	
	10,000 sq. ft. and (a) The project is policies as well a	I Development. New Construction of seven or mod meets the conditions described below: seconsistent with the applicable general plan designs with applicable zoning designation and regulated development occurs within city limits on a project	nation and all applicable general plan
	substantially sur (c) The project s (d) Approval of the water quality. (e) The site can	rounded by urban uses. ite has no value as habitat for endangered rare or he project would not result in any significant effect be adequately served by all required utilities and p	threatened species. s relating to traffic, noise, air quality, or
	FOR ENVIRONM	MENTAL PLANNING USE ONLY	
	Other		
		Exemption (CEQA Guidelines section 15061(b)	

STEP 2: ENVIRONMENTAL SCREENING ASSESSMENT

TO BE COMPLETED BY PROJECT PLANNER

	Air Quality: Would the project add new sensitive receptors (specifically, schools, day care facilities, hospitals, residential dwellings, and senior-care facilities within an Air Pollution Exposure Zone? Does the project have the potential to emit substantial pollutant concentrations (e.g. use of diesel construction equipment, backup diesel generators, heavy industry, diesel trucks, etc.)? (refer to The Environmental Information tab on the San Francisco Property Information Map)				
	Hazardous Materials: If the project site is located on the Maher map or is suspected of containing hazardous materials (based on a previous use such as gas station, auto repair, dry cleaners, or heavy manufacturing, or a site with underground storage tanks): Would the project involve 50 cubic yards or more of soil disturbance - or a change of use from industrial to residential? Note that a categorical exemption shall not be issued for a project located on the Cortese List if box is checked, note below whether the applicant has enrolled in or received a waiver from the San Francisco Department of Public Health (DPH) Maher program, or if Environmental Planning staff has determined that hazardous material effects would be less than significant. (refer to The Environmental Information tab on the San Francisco Property Information Map)				
	Transportation: Does the project involve a child care facility or school with 30 or more students, or a location 1,500 sq. ft. or greater? Does the project have the potential to adversely affect transit, pedestrian and/or bicycle safety (hazards) or the adequacy of nearby transit, pedestrian and/or bicycle facilities?				
	Archeological Resources: Would the project result in soil disturbance/modification greater than two (2) feet below grade in an archeological sensitive area or eight (8) feet in a non-archeological sensitive area? If yes, archeology review is required.				
	Subdivision/Lot Line Adjustment: Does the project site involve a subdivision or lot line adjustment on a lot with a slope average of 20% or more? (refer to The Environmental Information tab on the San Francisco Property Information Map) If box is checked, Environmental Planning must issue the exemption.				
	Average Slope of Parcel = or > 25%, or site is in Edgehill Slope Protection Area or Northwest Mt. Sutro Slope Protection Area: Does the project involve any of the following: (1) New building construction, except one-story storage or utility occupancy, (2) horizontal additions, if the footprint area increases more than 50%, or (3) horizontal and vertical additions increase more than 500 square feet of new projected roof area? (refer to The Environmental Planning tab on the San Francisco Property Information Map) If box is checked, a geotechnical report is likely required and Environmental Planning must issue the exemption.				
	Seismic Hazard: Landslide or Liquefaction Hazard Zone: Does the project involve any of the following: (1) New building construction, except one-story storage or utility occupancy, (2) horizontal additions, if the footprint area increases more than 50%, (3) horizontal and vertical additions increase more than 500 square feet of new projected roof area, or (4) grading performed at a site in the landslide hazard zone? (refer to The Environmental tab on the San Francisco Property Information Map) If box is checked, a geotechnical report is required and Environmental Planning must issue the exemption.				
Com	ments and Planner Signature (optional): Laura Lynch				
2018 Cons locat traini	Comments and Planner Signature (optional): Laura Lynch Preliminary Archeological Checklist (PAC) issued 12/17/2018 and update on 10/21/2020. See case file 2018-016451ENV. Implementation of Public Works Standard Archeological Measure I (Discovery during Construction) is required at all locations with implementation. Through implementation of this measure, four locations would require out Alert training for shell midden - 19th/Folsom, Baker/ Hayes, Haight/Steiner and Alert training for mortuary furniture, bones: Anza/ Stanyan. Standard Archeological Measures II (Monitoring) and/or III (Testing/ Data Recovery) in the event of a discovery during construction recommended.				

STEP 3: PROPERTY STATUS - HISTORIC RESOURCE TO BE COMPLETED BY PROJECT PLANNER PROPERTY IS ONE OF THE FOLLOWING: (refer to Property Information Map) Category A: Known Historical Resource. GO TO STEP 5. Category B: Potential Historical Resource (over 45 years of age). GO TO STEP 4. Category C: Not a Historical Resource or Not Age Eligible (under 45 years of age). GO TO STEP 6. STEP 4: PROPOSED WORK CHECKLIST TO BE COMPLETED BY PROJECT PLANNER Check all that apply to the project. 1. Change of use and new construction. Tenant improvements not included. 2. Regular maintenance or repair to correct or repair deterioration, decay, or damage to building. 3. Window replacement that meets the Department's Window Replacement Standards. Does not include storefront window alterations. 4. Garage work. A new opening that meets the Guidelines for Adding Garages and Curb Cuts, and/or replacement of a garage door in an existing opening that meets the Residential Design Guidelines. 5. Deck, terrace construction, or fences not visible from any immediately adjacent public right-of-way. 6. Mechanical equipment installation that is not visible from any immediately adjacent public right-of-way. 7. Dormer installation that meets the requirements for exemption from public notification under Zoning Administrator Bulletin No. 3: Dormer Windows. 8. Addition(s) that are not visible from any immediately adjacent public right-of-way for 150 feet in each direction; does not extend vertically beyond the floor level of the top story of the structure or is only a П single story in height; does not have a footprint that is more than 50% larger than that of the original building; and does not cause the removal of architectural significant roofing features. Note: Project Planner must check box below before proceeding. Project is not listed. GO TO STEP 5. Project does not conform to the scopes of work. GO TO STEP 5. Project involves four or more work descriptions. GO TO STEP 5. Project involves less than four work descriptions. GO TO STEP 6. STEP 5: ADVANCED HISTORICAL REVIEW TO BE COMPLETED BY PRESERVATION PLANNER Check all that apply to the project. 1. Reclassification of property status. (Attach HRER Part I) Reclassify to Category A Reclassify to Category C a. Per HRER (No further historic review) b. Other (specify): 2. Project involves a known historical resource (CEQA Category A) as determined by Step 3 and conforms entirely to proposed work checklist in Step 4. 3. Interior alterations to publicly accessible spaces that do not remove, alter, or obscure character defining features. 4. Window replacement of original/historic windows that are not "in-kind" but are consistent with existing historic character.

5. Façade/storefront alterations that do not remove, alter, or obscure character-defining features.

	6. Raising the building in a manner that does not remove, alter, or obscure character-defining features.				
	7. Restoration based upon documented evidence of a building's historic condition, such as historic photographs, plans, physical evidence, or similar buildings.				
	8. Work consistent with the <i>Secretary of the Interior Standards for (Analysis required)</i> :	or the Treatment of Historic Properties			
	9. Work compatible with a historic district (Analysis required):				
	10. Work that would not materially impair a historia resource (A	ttach UDED Port II)			
	10. Work that would not materially impair a historic resource (A				
	Note: If ANY box in STEP 5 above is checked, a Preser	vation Planner MUST sign below.			
	Project can proceed with exemption review. The project has been reviewed by the Preservation Planner and can proceed with exemption review. GO TO STEP 6.				
Comm	ents (optional):				
Preser	vation Planner Signature:				
	D. C. EVENDTION DETERMINATION				
	P 6: EXEMPTION DETERMINATION E COMPLETED BY PROJECT PLANNER				
	No further environmental review is required. The project is exe	empt under CEQA. There are no			
	unusual circumstances that would result in a reasonable possibility of a significant effect.				
	Project Approval Action:	Signature:			
	Public Works Director Contract Award	Lauren Bihl			
		03/04/2021			
	Once signed or stamped and dated, this document constitutes an exemption pursuant to CEQA Guidelines and Chapter 31of the Administrative Code. In accordance with Chapter 31 of the San Francisco Administrative Code, an appeal of an exemption determination to the Board of Supervisors can only be filed within 30 days of the project receiving the approval action. Please note that other approval actions may be required for the project. Please contact the assigned planner for these approvals.				

STEP 7: MODIFICATION OF A CEQA EXEMPT PROJECT

TO BE COMPLETED BY PROJECT PLANNER

In accordance with Chapter 31 of the San Francisco Administrative Code, when a California Environmental Quality Act (CEQA) exempt project changes after the Approval Action and requires a subsequent approval, the Environmental Review Officer (or his or her designee) must determine whether the proposed change constitutes a substantial modification of that project. This checklist shall be used to determine whether the proposed changes to the approved project would constitute a "substantial modification" and, therefore, be subject to additional environmental review pursuant to CEQA.

MODIFIED PROJECT DESCRIPTION

Modi	Modified Project Description:				
DE	TERMINATION IF PROJECT (CONSTITUTES SUBSTANTIAL MODIFICATION			
Com	pared to the approved project, w	ould the modified project:			
	Result in expansion of the building envelope, as defined in the Planning Code;				
	Result in the change of use that would require public notice under Planning Code Sections 311 or 312;				
	Result in demolition as defined under Planning Code Section 317 or 19005(f)?				
$ \Box $	Is any information being presented that was not known and could not have been known				
	at the time of the original determination, that shows the originally approved project may no longer qualify for the exemption?				
If at I	east one of the above boxes is	checked, further environmental review is required.			
DET	ERMINATION OF NO SUBSTAI	NTIAL MODIFICATION			
	The proposed modification wo	uld not result in any of the above changes.			
		ons are exempt under CEQA, in accordance with prior project ew is required. This determination shall be posted on the Planning Department			
website	e and office and mailed to the applicant,	City approving entities, and anyone requesting written notice. In accordance soo Administrative Code, an appeal of this determination can be filed to the			
	nmental Review Officer within 10 days of				
Plan	ner Name:	Date:			







Contract 35 – Traffic Signal Modifications

The San Francisco Municipal Transportation Agency (SFMTA) is proposing to update existing traffic signals at 22 intersections to improve traffic, pedestrian, and bicycle safety and traffic operations. The intersections are listed in the table below.

				Deepest				Deepest	
		Street 1	Street 2	Excavation		Street 1	Street 2	Excavation	
	1	6 th Ave	Irving St	7 feet	12	36 th Ave	Fulton St	9 feet	\bigcirc
						Alemany			
	2	16 th St	Sanchez St	7 feet	13	Blvd	Sickles Ave	11 feet	
\bigcirc	3	19 th St	Folsom St	7 feet	14	Anza St	Stanyan St	7 feet	\bigcirc
\bigcirc	4	21st St	Folsom St	7 feet	15	Baker St	Hayes St	7 feet	Ω
	5	22 nd St	Folsom St	7 feet	16	California St	Larkin St	9 feet	\bigcirc
\bigcirc	6	23 rd St	Folsom St	7 feet	17	Evans Ave	Phelps St	9 feet	\bigcirc
	7	25 th Ave	Anza St	7 feet	18	Haight St	Steiner St	7 feet	\bigcirc
	8	25 th Ave	Clement St	7 feet	19	Holloway Ave	Junipero Serra Blvd	11 feet	$\overline{\mathcal{D}}$
			San Jose						
\mathcal{L}	9	29 th St	Ave	9.5 feet	20	Larkin St	Post St	9.5 feet	
			San Jose						
2	10	30 th St	Ave	9.5 feet	21	Portola Dr	Twin Peaks Blvd	12 feet	
\bigcirc	11	30 th Ave	Fulton St	9 feet	22	Gough St	Market St	12 feet	

The scope of work includes new signal timing and the installation of new vehicular signals, pedestrian countdown signals, underground conduit, pull boxes, signal poles, mast arm poles, controller cabinets, accessible pedestrian signals, and ADA compliant curb ramps at intersections controlled by existing traffic signals. The maximum excavation is twelve (12) feet for the signal pole foundations, sixteen (16) inches for the cabinet foundations, twenty-four (24) inches for the underground conduits and pull boxes, and twelve (12) inches for curb ramps.

Approval Action: Public Works Director Contract Award