

EXHIBIT D-1

PROJECT DESCRIPTION – New Bay Lights 360

The Bay Lights is an existing art installation on the Bay Bridge's West span that is the world's largest light-emitting diode (LED) light sculpture. The Bay Lights first installation was commissioned on March 5, 2013, as a 2-year temporary installation and then the lights were replaced in kind in fall of 2015 and re-commissioned in February 2016 as permanent installation.

The proposed project is the extension of the lights from the 2016 installation with new updated and more robust fixtures and components but keeping the same technical and intensity of the lights as the current installation. The proposed project will add the lights to the driver side of the same suspender cable of the bridge for a 360-degree view of the lights as shown on the attached pictures.

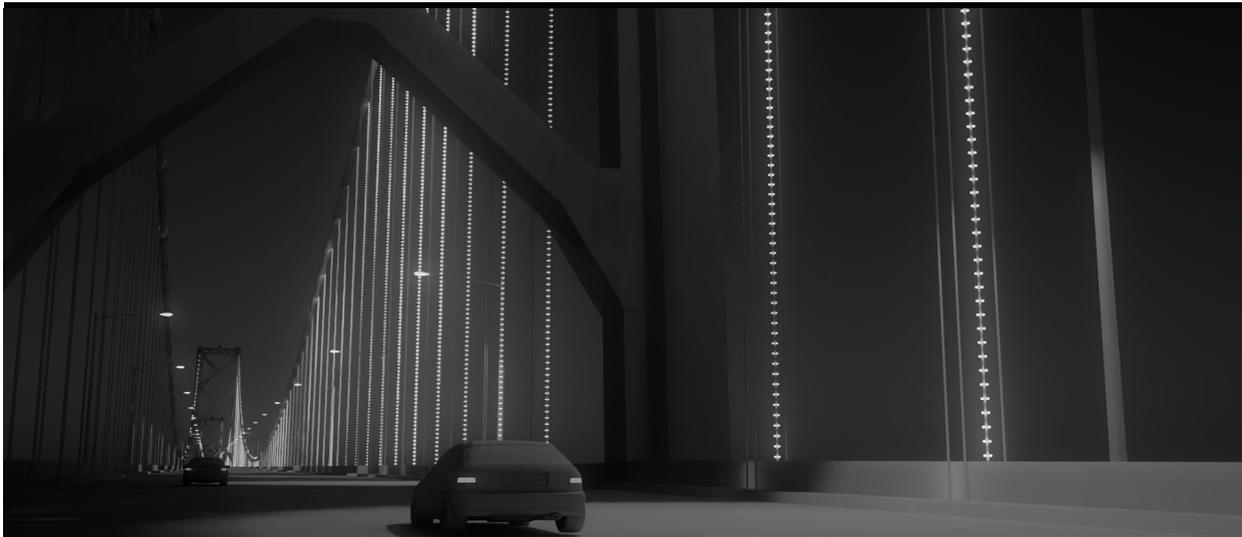
The project proposes to remove the existing LED lights on the vertical suspender cables of the north side of the upper deck level of the Bay Bridge's West span beginning in March 2023. The existing LED lights will be removed and replaced with new LED light strands on front and back of the same suspender cable during the evening/overnight hours 9:00pm to 5:00am, which will require nightly closure of the outside traffic lanes (lanes 4 & 5) and will take approximately four months. The removal and replacement at each suspender cable will happen at the same time with the same crew as they will mobilize to each location once, all removed fixtures, clips and zip ties (which are integrated) will be collected and disposed properly as it was done in 2015. The new fixtures will not utilize clips as with the new design fixtures the attachment points are integrated into the fixtures and the zip ties will be pre-loaded before the strands are lifted for installation.

Fourth-eight thousand (48,000) energy-efficient LED lights, approximately two (2) inches in diameter each, will be installed. The LED lights will be secured to the vertical suspender bridge cables in full height of the suspender cables at one foot spacing. The lights will be attached to the outer part of the bridge suspender cables with ultraviolet (UV) resistant plastic-coated stainless-steel zip ties at six-inch intervals, so no paint disturbance will occur to the bridge structure.

The backbone fiber trunk line, power line and electrical boxes from previous installation stay in place with no modifications other than replacing the electronic components inside the electrical boxes.

The proposed new Bay Lights will be visible from all directions (360-degree view) and it will be lit from dusk to dawn for as a new 10-year installation. The light strands on the driver side will have their own separate controls and will be totally independent of the light strands facing the Bay, so that they can be turned off if necessary and not impact the lights visible from the Bay.

The light display will be controlled by the artist and will appear to be moving in a wave-like and alternating flickering non repeatable but abstract pattern.



Reimagining The Bay Lights as an all-inclusive world-class public art experience
Safely Delivering Aesthetic Equity

