

TEP PHOENIX  
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4710 E. ELWOOD,  
SUITE 9  
PHOENIX, AZ 85040

May 22, 2024

City of San Leandro Planning  
835 East 14th Street  
San Leandro, CA 94577

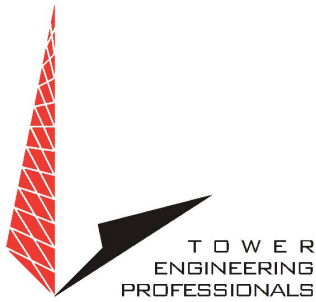
**Re: Project Narrative - FirstNet Public Safety Facility – SLEAN01 / CCL05539**

Purpose:

This project narrative is for a Conditional Use Permit approval of a FirstNet / AT&T Public Safety Facility/wireless tower at site location: 440 Peralta Avenue, San Leandro, CA 94577 / APN: 075-0225-001-04 (SLEAN01 / CCL05539). This project will contain wireless communication services for FirstNet broadband to enhance services for emergency responders as well as to serve the community.

The project scope of work is below.

<b>PROJECT DESCRIPTION</b>
<p>THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY IN THE AREA FOR EMERGENCY SERVICE AND WIRELESS CUSTOMERS.</p> <p><b>TOWER SCOPE OF WORK</b></p> <ul style="list-style-type: none"> <li>• INSTALL (1) 80'-0" MONOPINE TOWER</li> <li>• INSTALL (12) ANTENNAS ON (9) MOUNTS</li> <li>• INSTALL (18) RADIOS</li> <li>• INSTALL (3) DC9 FIBER SQUIDS</li> <li>• INSTALL (9) DC POWER TRUNKS</li> <li>• INSTALL (3) FIBER TRUNKS</li> <li>• INSTALL (3) SECTOR MOUNTS</li> </ul> <p><b>GROUND SCOPE OF WORK</b></p> <ul style="list-style-type: none"> <li>• INSTALL 33'-0"x33'-0" CHAIN LINK FENCED COMPOUND</li> <li>• INSTALL (1) 600A GUTTER</li> <li>• INSTALL (1) 200A METER</li> <li>• INSTALL (1) 17'-7"x10'-4" CONCRETE PAD</li> <li>• INSTALL (1) EQUIPMENT PLATFORM</li> <li>• INSTALL (1) WALK-UP-CABINET (WUC)</li> <li>• INSTALL (1) 30 KW DIESEL GENERATOR</li> <li>• INSTALL ICE BRIDGE</li> <li>• INSTALL (1) GROUND LEVEL DC-50 SPD</li> <li>• INSTALL (1) 200A PTLIC WITH CAMLOC</li> <li>• INSTALL (1) 30"x30"x12" HOFFMAN BOX WITH CIENA ABOVE</li> <li>• INSTALL (1) 50"x52" CONCRETE PAD FOR PRIMARY TRANSFORMER</li> <li>• INSTALL (8) BATTERIES</li> </ul>



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The proposal includes an 80' top of stealthing public safety facility monopine with 4' lightning rod, 33' x 33' compound lease area for collocation capacities, as well as a 30kw emergency generator with above ground fuel tank that is only to be used as a back-up generator and tested monthly for fifteen minutes during standard daytime hours.

#### Design:

The wireless facility will be designed as a monopine tree (tree pole) to comply with the City of San Leandro stealthing requirements per code. The faux pine branches and Larson socks will screen the antennas along with associated equipment. The pole of the monopine structure will be stealthed as the bark of the tree to assist with blending the stealth design.

#### Fencing:

The proposed fencing is a 6' tall CMU wall around the 33' x 33' compound. The CMU wall will screen the ground equipment from public view.

#### Utilities, Cables/Conduits, Lighting:

The utilities, cables/conduits will be placed underground. There will be a work light inside of the compound, but not visible to the public view and will only be used for the work purposes.

#### Landscaping:

Northwest from the proposed location are existing trees that will screen the tower/compound.

Northeast from the proposed location vines are proposed to fully cover the CMU wall.

The CMU wall and tower would have little to no visibility from Bixco Street given the screening of existing trees, overhead rail, and existing buildings.

Public Safety Towers Company is working diligently with the City of San Leandro's zoning codes to get this project to approval.

Noise:

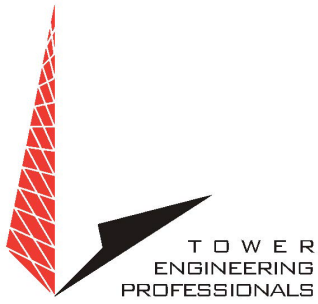
A noise study was completed on April 30, 2024 by Mark Quakenbush, PE from Tower Engineering Professionals. The report shows four locations that were measured with a noise meter for typical (ambient) noise. The results are recorded below.



**Figure 1: Noise Measurement Location**

Table 1: Noise Measurement Results				
Location	Start Time	Stop Time	Typical ( $\pm 3$ dB)	Max (dB)
1	10:50	11:05	49.0	83.8
2	11:07	11:22	52.0	79.6
3	11:24	11:39	53.0	84.4
4	11:40	11:55	53.0	79.2

The baseline peak noise measured on site for all locations fall under the “Normally Unacceptable” for DA and IL zoning types with the lowest dB value measured being 79.2 dB. The peak noise recorded at Locations 1, 2, and 3 came from the train passing on the suspended railway approximately 100’ southwest of the proposed compound and instance of a motorcycle driving down San Leandro Blvd for Location 4. The



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proposed location now has a CMU wall proposed for the 33' x 33' compound as before it was a chain-link fence. A CMU wall will assist in reducing excessive noise levels. A detailed noise study has been provided with the submittal documents.

If you have any questions, please do not hesitate to reach out to the my contact information below.

Sincerely,

Carol Kincheloe  
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[Ckincheloe@tepgroup.net](mailto:Ckincheloe@tepgroup.net)