


City Council

Item #7 RTC23-157
Action on Agreement for Services with Wilson, Ihrig & Associates for Noise Monitoring System and Services for the Levi's Stadium

February 21, 2023

1



Noise Monitoring System & Services for Levi's Stadium

Background

- August 30, 2016 – City Council directed staff to establish a noise monitoring system for Levi's Stadium and 49er's training facility
- February 7, 2017 – City solicited bids from acoustic engineers
 - Three proposals
 - Entered into an agreement with Wilson, Ihrig & Associates
- Wilson Ihrig provides monitoring and analysis related to acoustics, noise and vibration

2

2



Noise Monitoring System & Services for Levi's Stadium

Background (continued)

- March 8, 2022 – City Council approved Amendment No. 5 to the Agreement with Wilson Ihrig
 - Extended Agreement until March 31, 2023
 - Direction to staff to conduct a new RFP process to continue noise monitoring of Stadium activities beyond that date.

3

3



Noise Monitoring System & Services for Levi's Stadium

RFP Process

- September 2022 – City published RFP for Noise Monitoring System and Services for Levi's Stadium on the City's e-procurement system:
 - Two responsive proposals: Hydro2Geotech LLC and Wilson Ihrig
- Reviewed by City Manager's Office and Community Development Department staff panel
- Proposals evaluated and scored against the criteria and weights published in the RFP: experience, qualifications, proposed noise monitoring system, & fee schedule

4

4



Noise Monitoring System & Services for Levi's Stadium

Selection – Wilson Ihrig

- Demonstrated significant experience with noise monitoring of events with amplified noise and crowds
- Conducted noise monitoring for the Chase Arena in San Francisco over a five-year period
- Numerous staff in-house experienced in noise monitoring and analysis
- Experienced staff are local which allows them to be present for on-site, attended monitoring requests

5

5



Noise Monitoring System & Services for Levi's Stadium

Noise Monitoring Station Equipment

- Per the March 8, 2022 Council Direction, the RFP included a request for an option to purchase noise monitoring station equipment
- Neither RFP respondent was able to provide a purchase option
- Staff recommends proceeding with the current practice of renting equipment which offers the City the benefit of receiving full maintenance and support over the term of the agreement

6

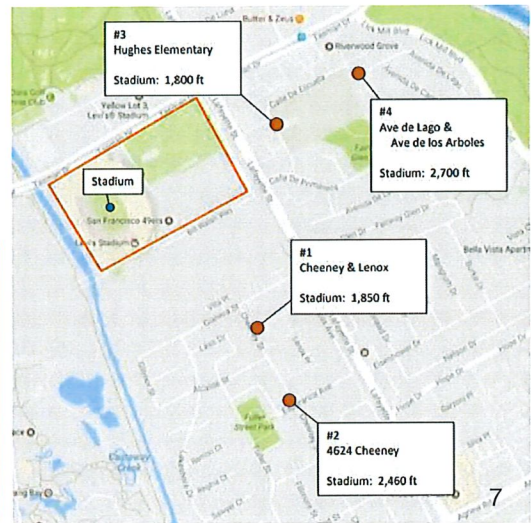
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Noise Monitoring System & Services for Levi's Stadium

Number of Noise Monitors

- Currently four noise monitors
- Data consistently shows the highest sound levels at the two monitors closest to the stadium (Cheeney/Lenox & Hughes School)



Noise Monitoring System & Services for Levi's Stadium

Proposed Contract Terms

- Five years starting on April 1, 2023 and ending on March 31, 2028
- Maximum compensation under the agreement is \$296,000 over the five-year term
- Flexibility to modify the number of monitoring stations
- Ability to conduct in-person monitoring and prepare reports using



Noise Monitoring System & Services for Levi's Stadium

Recommendation

Approve and authorize the City Manager's Office, consistent with properly delegated authority or existing policy, to execute an agreement with Wilson Ihrig for Noise Monitoring System and Services for the Levi's Stadium, including the use of two fixed monitoring sites, for a five year term starting on April 1, 2023 and ending on March 31, 2028 for a total maximum compensation amount not to exceed \$296,000, subject to Santa Clara Stadium Authority appropriation of funds.

9

9



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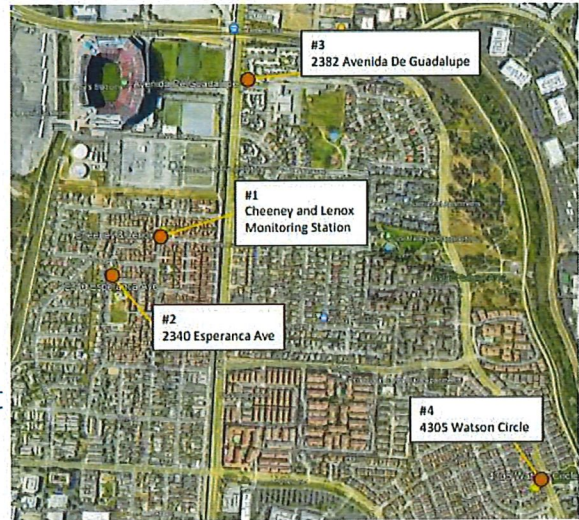
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Noise Monitoring System & Services for Levi's Stadium

Attended Noise Monitoring

For The Weeknd and Elton John Concerts Wilson Ihrig performed attended (live) noise monitoring at the Cheeney & Lenox station and locations where residents previously shared noise complaints through the Written Petition regarding the Coldplay Concert



Noise Monitoring System & Services for Levi's Stadium

Regulatory Context

1. Stadium Permit Conditions of Approval:

Maximum sound level exposure at the nearest residences to the east and south of Stadium shall be a target of 60 dBA Leq (1 hour average)

2. Noise levels predicted in Stadium EIR:

Concert noise levels would be approximately 66 dBA Leq or less at the nearest residences south of the stadium

Hourly average noise levels would exceed ambient hourly average noise levels by 4 dBA Leq and background noise levels by 19 to 24 dBA₁₂