

SECTION 01000
SUMMARY OF WORK

PART 1 - GENERAL

1.01 GENERAL

- A. Torrance Unified School District is requesting proposals from qualified contractors to install new electrical feeders from existing building panel to a new outdoor electronic school sign at Seaside Elementary School. The sign is to be provided and installed by others. Quotes shall be all-inclusive, including all materials, travel, reproduction, administrative, sub-consultants, sub-contracting, and any and all other overhead costs. In no case shall the final quoted amount, once negotiated, be exceeded, unless there is a change in the scope of work and written approval is provided by the District.
- B. **Prevailing Wage Rates** - Prevailing wages must be paid to all workers on this project. For further information, refer to:
<https://www.dir.ca.gov/oprl/DPreWageDetermination.htm>
- C. **DIR Registration** - Required for new construction, alteration, installation, demolition or repair projects exceeding \$25,000.
- D. **Performance Bond and Payment Bond** - Required for project exceeding \$25,000 and valued at 100% of the contract amount.
- E. **Insurance** - General liability, umbrella liability, automobile liability, and workers compensation insurance.
- F. **Site visits shall be by appointment only.** Please contact Cesar Vergara at (310) 678-9924, Monday thru Friday, 7:00 am to 3:30 pm, to schedule a site visit. Site visits may only be scheduled for the week of 03/18/19 through 03/22/19.
- G. **Project Address:**
Seaside Elementary School
4651 Sharynne Lane
Torrance, CA 90505
- H. Proposals due via Vendor Registry, no later than 2:00 pm on Friday, March 29, 2019.
Address quotes to:
Cesar Vergara
Facilities Planning
2335 Plaza Del Amo
Torrance, CA 90509
Vergara.cesar@tUSD.org

(310) 972-6241

I. Construction schedule: T.B.D.

1.02 SCOPE

A. **Option 1:** Existing pedestal school sign to be removed and replaced (by others) with a new 120 V LED monument sign. The Contractor is to furnish all materials, labor and equipment as necessary, to install new electrical feeders from existing building panel “K1” to a new outdoor electronic school sign. The scope of work shall be as necessary to complete the intent of this work, including, but not limited to:

1. Install (1) 3/4" minimum diameter conduit and wiring for electrical from panel "K1". Provide proper pull boxes as required.
2. Install (1) 3/4" minimum diameter conduit for data wiring from new sign to Building K. Provide proper pull boxes as required and terminate conduit in the attic space for future use.
3. Verify, provide and install proper breaker.
4. Install Owner-provided time clock.
5. Make the required electrical connections to the new sign following installation of the sign.
6. Installation and termination of data wiring to be by others.

B. **Option 2:** Existing pole mounted school sign to be removed and replaced (by others) with a new 120 V LED electronic message center and illuminated cabinet sign. The Contractor is to furnish all materials, labor and equipment as necessary, to install new electrical feeders from existing building panel “R” to the new outdoor electronic school sign. The scope of work shall be as necessary to complete the intent of this work, including, but not limited to:

1. Install (1) 3/4" minimum diameter conduit and wiring for electrical from panel "R".
2. Install (1) 3/4" minimum diameter conduit for data wiring from new sign to Building R. Provide proper pull boxes as required and terminate conduit in the attic space for future use.
3. Verify, provide and install proper breakers.
4. Install Owner-provided time clock.
5. Make the required electrical connections to the new sign following installation of the sign.

- 6. Installation and termination of data wiring to be by others.
- C. All work shall be performed in accordance with applicable building ordinances and other applicable codes.

1.02 RELATED SECTIONS

- A. 26 05 05 – Basic Electrical Materials and Methods
- B. 26 05 30 – Conduit and Wire

1.03 SITE EXAMINATION AND UNFORESEEN CONDITIONS

- A. The Contractor is responsible to carefully examine the site of the work and compare actual conditions with the plans. It is the Contractor’s responsibility to verify the locations of all existing work and equipment which may affect this work and field verify all dimensions.
- B. Under no circumstances will the District consider any claim for extra compensation because of the Contractor’s failure to perform detailed and thorough investigation of existing conditions or on the basis of encountering unknown or unforeseeable conditions.

1.04 RESPONSIBILITY UNDER SEPARATE CONTRACT

- A. No responsibility shall attach to Contractor insofar as any work specifically excluded from the General Contract is concerned, for any trade permits, fees, licenses, inspections, tests, royalties, insurance of any work or guarantees. But nothing herein shall be construed to relieve the Contractor from any obligation specified or reasonably implied, in the furnishing of general facilities, the exercising of a general supervision and the securing of general coordination.

1.05 PLANS OF EXISTING PROPERTY

- A. Plans of existing property will be available at the Planning Office of Torrance Unified School District, 2334 Plaza Del Amo, Torrance, CA.

1.06 COORDINATION OF WORK

- A. Contractor will coordinate his work with the Project Manager, who will have final authority over all questions in regards to areas that will be under this contract.

- B. It is the Contractor's responsibility to coordinate and schedule all work to minimize disruption at the site. The Contractor shall provide the Project Manager a minimum of **48-hr** notice prior to disruption of any service.

PART 2 – PRODUCTS – REFER TO PLANS

PART 3 - EXECUTION

3.01 GENERAL

A. Underground Service Alert (a.k.a. DigAlert):

- 1. Before commencing any excavation on District property, the Contractor shall notify Underground Service Alert at 1-800-227-2600 and all public utility companies at least two working days in advance of performing any work within said area.

B. Protection:

- 1. Do not begin construction until temporary partitions, barricades, warning signs and other forms of protection are installed.
- 2. Provide all safeguards, including warning signs and lights, barricades, and the like, for protection of the students and public during construction.
- 3. Where necessary for safety of the public and protection of adjacent street improvements and properties, provide and maintain adequate protection, chain link fences, gates and barricades to separate work areas from areas outside job site limits, as directed by the District Inspector. Such protection shall remain in place during extent of this Contract, or as otherwise directed by the District Inspector.

C. Noise Control:

- 1. Contractor shall be responsible for installation of noise-reducing devices on construction equipment and shall limit construction activities to daytime hours while working on District property, per City of Torrance, as follows:
 - A. Monday thru Friday – 7:30 a.m. to 6:00 p.m.
 - B. Saturday – 9:00 a.m. to 5:00 p.m.
- 2. Contractor shall comply with requirements of City or County having jurisdiction with regard to noise ordinances governing construction sites and activities.

3. Construction equipment noise is subject to control of the Environmental Protection Agency's Noise Control Program. These controls shall be implemented during site preparation and construction.
- D. Dust and Dirt Control: Contain dust and remove it from site at intervals sufficient to prevent contamination outside work limits. Contractor shall use adequate watering techniques to alleviate accumulation of construction-generated dust.
1. Contractor shall be responsible for containment of dust emission from all construction, transport, storage or handling activities, in accordance with South Coast Air Quality Management District (SCAQMD) Rule 403: Fugitive Dust.
 2. Contractor shall be responsible for clean-up of all construction-related dirt on approach routes to site.
 3. Street Cleaning: Contractor shall be responsible for removing from the state highway and city streets, excavated materials and debris resulting from any work performed under the Contract.
- E. Storm Water Pollution Prevention: When working on District property, the Contractor shall be responsible to follow best management practices of the National Pollution Discharge Elimination System (NPDES) and City of Torrance to control surface runoff during construction, especially during excavation.
- F. Protect-in-place: The Contractor is responsible to protect-in-place all existing work to remain, including, but not limited to landscaping, irrigation system components and paved walkways. Work that is damaged during and by construction operations shall be repaired or replaced to satisfaction of the District Inspector at no cost to the District.
- G. Protect all District property, including, but not limited to, surrounding landscape, irrigation, and equipment.

3.02 PROTECTION, CARE AND CLEANING

- A. Contractor shall be responsible to provide for the safety and good condition of existing facility and equipment until Substantial Completion.
- B. Contractor shall be responsible for cleaning up all areas of the construction site that have been affected by the construction; and for restoring them to at least their original condition. All construction debris shall be removed and properly disposed of.

END OF SECTION