

existing, or create new alignment runs altogether. The consultant shall design all connections to the existing system to form the loop, and all connections to facilities.

The fiber backbone will generally consist of 144-288-432-count fiber-optic cable on major routes. Secondary or lateral fiber should consist of 12, 24 to 48-strand cable connecting individual community organizations, MDUs, traffic cabinets, smart bus shelters, smart poles, and other locations.

The project's major goals are:

- Bring fiber to Sunset Blvd.
- Create a resilient fiber loop
- Bring fiber into all traffic cabinets on Sunset, Fountain, La Brea and Fairfax.
- Use as much of the existing conduit as possible.

Basic Fiber Specifications are:

- Backbone cable size – 144/288/432 count fiber
- Lateral cable size – 12/24/48 count fiber
- Single mode, loose-tube non-armored cable
- Jacketed central member
- Outer polyethylene jacket
- Sequential markings in meters
- All dielectric
- Gel-free/dry buffer tubes
- 12 fibers per buffer tube
- Color coded buffer tubes based on ANSI/TIA/EIA 598-B Standard Color

Basic Conduit Specifications are:

- 36" minimum acceptable depth
- 2" HDPE smooth wall reel-mounted pipe for underground duct
- Warning tape installed at 12" or 18"
- Maximum fill ratio of 50%
- Innerduct where appropriate for subdividing duct space
- Vault placement at intersections, every 500 ft in commercial corridors
- Vaults sized appropriately to house underground lid-mounted pedestals and splice enclosures

The above outlines are described to facilitate the RFP process. The selected consultant will work closely with City staff on perfecting the design parameters and the best, most current, standards of design and system components. The end product shall be a functioning and high performing system.

The consultant shall design and produce plans, specifications, and cost estimates for trench excavation and resurfacing, conduit installation, vault/pullbox installations, system splices,

system connections, and whatever else is necessary for the installation and operation of the fiber optic loop system. The consultant shall be responsible to research and obtain directly any substructure and subsurface utility record as-builts as needed to complete the project. The consultant shall be responsible to produce any survey or boundary mapping as necessary to complete the project. Plans shall show all objects in the vicinity of the proposed bollards, including but not limited to, striping, curb ramps, curbs, gutters, street lights, traffic signals, utility boxes, trees, building edges, cross walks, parking stalls, and parking meters. These elements shall not be based on GIS or photographic backdrops, but actual survey. Consultant shall attend any necessary meetings with City staff during the design of the project. Consultant shall produce a preliminary design set of plans for the initial concept phase, for review by City staff. City staff will discuss the designs and provide direction/feedback on continuation of design or alteration required. Consultant shall then produce 75% PS&E set for submittal and review by City staff. Consultant shall then produce final bid-ready 100% PS&E set for submittal and review by City staff. The consultant shall also provide construction administration services, such as submittal review, RFI response, and construction inspection.

Minimum Qualifications

Licensed Civil Engineer, State of California.

Evaluation Criteria

- Qualifications/expertise of company and similar prior project experience/references
- Schedule of Fees

Award of Contract:

The award of contract, if made, will be in accordance with the evaluation criteria provided in the Request for Proposals document. The City of West Hollywood reserves the right to reject any and all proposals or to waive any irregularities or informalities in any proposals should it deem this necessary for the public good, and also the proposal of any Vendor who has been delinquent or unfaithful in any former contract with the City of West Hollywood and to take all proposals under advisement for a period of ninety (90) days. No proposer may withdraw its proposal for a period of ninety (90) days after the deadline for submission of proposals. The City may at its discretion select more than one contractor to provide services, if it is in the best interest of the City.

Point of Contact:

The City's primary contact for this Request for Proposals is John Gilmour, who can be reached at (323) 848-6383 or via email at jgilmour@weho.org. Communication or solicitation with other City of West Hollywood Officials or Employees regarding an aspect of this RFP is expressly prohibited and may result in disqualification.

BY ORDER OF the City of West Hollywood

AFFIDAVIT OF POSTING

State of California)
County of Los Angeles)
City of West Hollywood)

I declare under penalty of perjury that I am employed by the City of West Hollywood in the Office of the City Clerk and that I posted this agenda on:

Date: May 9, 2019
Signature: Alyson P. Pollock