



Legislation Details (With Text)

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On agenda:	3/15/2023	Final action:		
Title:	Fiber Optic Installation at the Central Library (CC-1722).			
Attachments:	1. Att1 - Location Map CC1722, 2. Att2 - Central Library Fiber Optic Design Plans_3_6_23, 3. Att3 - Central Library Cost Estimate_3_6_2023, 4. Att4 - PP Central Library Fiber CC1722 PWC 03 15 23			
Date	Ver.	Action By	Action	Result

PUBLIC WORKS COMMISSION REQUEST FOR ACTION

SUBMITTED TO: Chairman and Members of the Commission

SUBMITTED BY: Sean Crumby, PE, Director of Public Works

Subject:
Fiber Optic Installation at the Central Library (CC-1722).

Statement of Issue:
Plans and specifications for the installation of fiber optic cable at the Central Library are in final preparation with advertising anticipated in April 2022. Staff is seeking support to begin the public bidding process.

Funding Source:
The engineers construction cost estimate for this project is \$145,000, including construction contingency and construction administration. Funds for the project in the amount of \$107,000 are budgeted in Public, Educational and Government Access (PEG) funds, Account Number 24385101.82800. The exact funding shortfall will be known with the opening of the sealed bids. Any additional funding required will be requested with the City Council construction contract award action.

Recommended Action:
Motion to approve the project for the installation of fiber optic cable to the Huntington Beach Central Library and find that the project is in general conformance with the approved FY 2022/2023 Capital Improvement Program.

Alternative Action(s):
Recommend changes to the project.

Analysis:

The Central Library was identified in the Fiscal Year 2022/2023 Capital Improvement Program (CIP) for the installation of fiber optic cable. This cable will connect Huntington Beach City Hall with the Central Library, greatly improving the speed and reliability of communications between these two City facilities. The cable will be installed in new underground conduit from the existing City fiber optic cable running along Goldenwest Street to the south side of the library building. The cable will enter the building and run internally within the building to the computer room on the north side of the library building. This project is a high priority project for the Information Services section in the City and will dramatically improve the services that can be provided at the library and reduce costs for outside internet services. During the design process, several internal elements related to routing the cables were discovered, modifying the assumed scope of the project. The cost increases indicated in the Funding section also reflect changes in costs for materials and labor in the construction industry that have been experienced since the 2022/2023 CIP was developed. The project remains a high priority and staff is recommending that the project move forward to City Council award with the additional funding request, if needed.

Attachment(s):

1. Project Location Map
2. Plans
3. Estimate
4. PowerPoint.