

ENGINEERING DESIGN SERVICES FOR ELECTRIC AND WATER SYSTEM IMPROVEMENTS FOR THE NORTHSIDE AGRICULTURE INNOVATION CENTER

Riverside Public Utilities

Board of Public Utilities
September 9, 2024

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BACKGROUND

1. The Community and Economic Development Department is overseeing the Northside Agricultural Innovation Center project which is a Community-led initiative created to:
 - a. Build regional workforce capacity
 - b. Foster innovation, Entrepreneurship and Tech-enabled Business Creation
 - c. All centered around modern, sustainable agriculture and food production technologies
2. The project was conditioned with water system improvements needed to support its water demands and fire flow requirements.
3. RPU staff have the expertise and capability to provide the engineering and construction services necessary to design the water system improvements.
4. RPU Electric will develop the electric service design to serve the project site.
5. Costs to be fully funded with American Rescue Plan Act funding received by Community and Economic Development Department– Electric and Water Memorandums of Understanding.
6. Project website and notification letters.



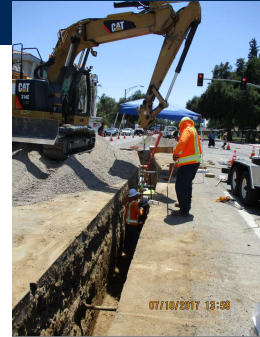
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DISCUSSION - WATER

1. 1,800 feet of 12-inch pipeline
2. Twenty-Seven (27) Water Services



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DISCUSSION (CONT.)

3. Three (3) Fire Hydrants
4. Four (4) System Connections and Incidental Work
5. Pavement Restoration



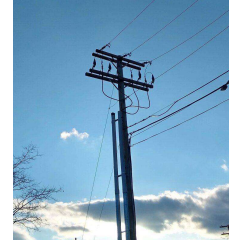
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DISCUSSION - ELECTRIC

1. The electric service design will consist of displaying the installation of distribution facilities, including transformers, junction cabinets, primary cable and secondary cable, and associated facilities.



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PROJECT AND FISCAL BREAKDOWN

Project and Fiscal Breakdown - Water System Improvements Work Order No. 2503934		
Work Type:	Performed By:	Amount:
Design, Survey, and Utility Potholing	Internal Staff and Outside Vendors	\$200,000
Work Order Total:		\$200,000
Reimbursements:	The work is fully funded from grant proceeds secured by the CEDD	
Anticipated Start Date:	September 2024	
Anticipated Duration:	5 Months	

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PROJECT AND FISCAL BREAKDOWN

Project and Fiscal Breakdown - Electric System Improvements Work Order No. 2427155		
Work Type:	Performed By:	Amount:
Design, Utility Research, and Field verification	Internal Staff	\$150,000
Work Order Total:		\$150,000
Reimbursements:	The work is fully funded from grant proceeds secured by the CEDD	
Anticipated Start Date:	September 2024	
Anticipated Duration:	5 Months	


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STRATEGIC PLAN ALIGNMENT




- **Arts, Culture and Recreation:** Goal 1.5
 - **Community Well-Being:** Goal 2.6
- **Economic Opportunity:** Goals 3.1, 3.2, 3.3, 3.4, 3.5
 - **Environmental Stewardship:** Goal 4.5
- **Infrastructure, Mobility & Connectivity:** Goal 6.2

Cross-Cutting Threads



Community Trust



Equity



Fiscal Responsibility



Innovation



Sustainability & Resiliency


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RECOMMENDATION

That the Board of Public Utilities:

- 1) Approve Work Order No. 2503934 in the total amount of \$200,000 for all engineering design services for the Water System Improvements for the Northside Agriculture Innovation Center; and
- 2) Approve Work Order No. 2427155 in the total amount of \$150,000 for all engineering design services for the Electric System Improvements for the Northside Agriculture Innovation Center.



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