Appendix 3
Shared Services Project Authorization Form

Shared Services Project Authorization Form

Project Title: Cheshire AWC roof replacement	**Project Number:** 22753
Date Prepared: 05/09/2022	**Company:** CL&P Electric Distribution 11 Choose an item. Choose an item.
Organization: Real Estate & Property Management	**Class(es) of Plant: Building Structures & General Plant**
Project Initiator: [redacted]	**Authorization Type:** Full Funding
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Project Purpose**: Roof Replacement
Estimated in service date: 11/30/2022	**Capital Investment part of original Operating Plan:** Yes
Total Capital Request: $1,100,000	**O&M Expenses part of request:** No
Estimated Life of Asset (check one): ☐ 5yrs ☐ 10yrs ☐ 15yrs ☐ Other:__25yrs_____	**Emergency Related Request?** No

Executive Summary

Briefly describe (in a few sentences) the overall description of the project (do not include technical details):

The current roof was installed in 1978 during the building's construction and now has multiple hole and leaks into the spaces below. Replacement will also include new insulation which will lower heating and cooling loads and will LEED certified.

Project Costs Summary

See APS3 and APS8 requirements and consult with Plant Accounting for capital/O&M determination. Use published loaders for benefits, materials, and invoices, maintained by the Director, Budget and Internal Reporting.
Note: Dollar values are in whole numbers

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Capital Costs	Year 2022	Year 20__	Year 2-__+	Total
Direct Capital Costs				
Internal Labor	$ 3,500			$ 3,500
Outside Services	$ 900,000			$ 900,000
Materials				$ -
Removals	$ 200,000			$ 200,000
Risk and Contingency	$ 75,000			$ 75,000
Other				$ -
Subtotal	$ 1,178,500	$ -	$ -	$ 1,178,500
Indirect Capital Costs				
Indirect/Overheads (including benefits)	$ 2,945			$ 2,945
Capitalized interest or AFUDC, if any	$ 17,197			$ 17,197
Subtotal		$ -	$ -	$ 20,142
Total Customer Contribution				$ -
Total Capital Project Costs	**$ 1,178,500**	**$ -**	**$ -**	**$ 1,198,642**

Costs by Entity				Total
Direct Capital	$ 978,500			
Indirect Capital	$ -			
Removal net of salvage	$ 200,000			
Total Capital Project Costs by Entity	**$ 1,178,500**	**$ -**	**$ -**	**$ -**

O&M Costs	Year 2022	Year 20__	Year 20__	Year 20__
Labor	$ -			
Outside Services				
Materials				
Training				
Other				
Total O&M Related Costs	**$ -**	**$ -**	**$ -**	**$ -**

Alternatives Considered:

Were alternative solutions considered/applicable?

Alternatives were considered (please describe below)

Defer project and more leaks will develop increasing O&M costs. This would increase damage to the building.

Thermoplastic Polyolefin and Ethylene Propolene Diene Monomer rubber are the two types of roofing materials looked at. Sarnafil was chosen because it has a longer life span and it fulfills environmental certification requirements.

Regulatory Requirements:

No

Future Costs:

Future Costs	Year 20__	Year 20__	Year 20__	Year 20__
Capital				
O&M				
Other				
Total Future Costs				

Future O&M represents:

What functional area(s) will these future costs be funded in (include manager and CCC)?

Future Financial Benefits:

Does this project have financial benefits?

No - project is not undertaken for financial benefits

Project Justification:

Include a summary of the project details including background and scope

The Cheshire roof has reached it's end of life and is in need of replacement due to multiple leaks into the building. The existing roof membrane will be replaced with a white Sarnofil membrane and upgraded to R30 insulation which will reduce heat transfer in the summer and heat loss from the building during the winter months and will be LEED certified..

Project Schedule:

Milestone/Phase Name	Estimated Date
Design	May 2022
Construct	October 2022
In Service Date	November 2022

Risks and Risk Mitigation Plans

List top risks and mitigation plans associated with this project (from Table in the Appendix). Include any contingency related to each risk.
(Permitting/siting; environmental; outage constraints; customer/community outreach; material delivery; constructability challenges; excavation; etc.)

N/A

Appendices

Reference appendices items in the appropriate section of the PAF and list items in the same order as referenced in the PAF.

N/A

If the project has future financial benefits, please use the following table to provide the yearly amounts.

Financial Benefits	Year 20__	Year 20__	Year 20__	Year 20__
Capital				
O&M				
Other				
Total Financial Benefits				

Describe the estimated future Capital, O&M and/or Other benefits noted above:

What functional area(s) will these benefits be reflected in?_____
A representative from the respective functional area is required to be included as a project approver.