Supplement Request Form

Date Prepared:4-5-2021	Project Title: PI Phase 1 – Hardware & Db Dvlpmt
Company/Companies: CL&P D	Project ID Number: PIPHS-01
Organization: Telecommunications	Plant Class/(F.P.Type):
Project Initiator: [redacted]	Project Type: *Specific*
Project Manager: [redacted]	Capital Investment Part of Original Operating Plan? Y
Project Sponsor: [redacted]	O&M Expenses Part of the Original Operating Plan? N/A
Current Authorized Amount:$300,000	Estimated in service date(s):
Supplement Request:$200,000	Other:
Total Request:$500,000	

Supplement Justification

Supplement Request Forms must be completed for projects in accordance with the Project Authorization Policy and approval levels in the Delegation of Authority Policy (DOA) as follows:

For Corporate Shared Services Projects:
For projects $500K to $10M - An increase in total authorized cost > 15% or;
For projects > $10M - An increase in total authorized cost > $1.5M

For Distribution Operations Projects:
For projects <= $250K - An increase in direct costs >= $25K or;
For projects >$250K - An increase in direct costs >10%

For Transmission Operations Projects:
For projects <= $500K – An increase in total authorized cost >= $75K
For projects $500K to $16.5M- An increase in total authorized cost > 15% or;
For projects > $16.5M - An increase in total authorized cost > $2.5M

Justification for Additional Resources

This Supplemental Request is being created in 2021 because the original project approval process documentation is no longer available.

The initial project was approved in 2015 to create a new PI database for the CT-DSCADA data points. This is needed to interface with a Distribution Management System (DMS) in the future. The first part of the scope was to Establish PI database, and user interface, for a small number of substations (6) and devices (~300). This scope was delivered and completed in 2016.

Utilizing the templates created for the first 6 S/S, the team was able to run a process to cut over an additional 52 S/S – making the total 58 S/S.

[redacted]

Sub-T

Total

Additional $200k was needed for this project to expand the project scope (6 S/S to 58 S/S). Approval was obtained through the "Resiliency Approval Process" to increase the scope.

Once the PI system was loaded up to the 58 S/S it was discovered that the performance of the system deteriorated. Further expansion was not pursued until the performance issues could be

resolved. This is the completion of Phase 1 – which is "in service" and the PI tags are available for a future interface with a DMS.

There was a review and recommendation by the consultant to upgrade the PI processbook version in existence at the time to the PI vision (web based PI). This will be reviewed and included in the phase 2 scope.

Supplement Cost Summary

Note: Dollar values are whole dollars:

	Prior Authorized	Supplement Request	Total
	$	$	$
Capital Additions - Direct	294,540	200,000	494,540
Less Customer Contribution	-	-	-
Removals net of Salvage ____%	-	-	-
	$	$	$
Total Direct Spending	294,540	200,000	494,540
Capital Additions - Indirect	5,460	-	5,460
AFUDC	-	-	-
	$	$	$
Total Capital Request	300,000	200,000	500,000
O&M	-	-	-
	$	**$**	**$**
Total Request	**300,000**	**200,000**	**500,000**

Note: Dollar values are whole dollars:

Total Supplement Request by year view:

	Year 2015__	Year 20__	Year 20__+	Total
Capital Additions - Direct	$ 200,000	$ -	$ -	$ 200,000
Less Customer Contribution	-	-	-	-
Removals net of Salvage ____%	-	-	-	-
Total Direct Spending	$ 200,000	$ -	$ -	$ 200,000
Capital Additions - Indirect	-	-	-	-
AFUDC	-	-	-	-
Total Capital Request	$ 200,000	$ -	$ -	$ 200,000
O&M	-	-	-	-
Total Request	**$ 200,000**	**$ -**	**$ -**	**$ 200,000**