

**Permanent Fund Corporation Office Space Rewiring**

**FY2013 Request: \$50,000**

**Reference No: 54819**

**AP/AL:** Appropriation

**Project Type:** Renovation and Remodeling

**Category:** General Government

**Location:** Statewide

**House District:** Statewide (HD 1-40)

**Impact House District:** Statewide (HD 1-40)

**Contact:** Laura Achee

**Estimated Project Dates:** 07/01/2012 - 06/30/2017

**Contact Phone:** (907)796-1500

**Brief Summary and Statement of Need:**

Replacement of all the Cat-5 wiring with Cat-6 from the server room to the user workstations. Cat-6 wiring has substantially more bandwidth and is the current standard in other state office buildings. Our servers, workstations, and switches are capable of better performance, but the building wiring is the limiting factor. Future network performance will remain limited if this wiring is not replaced.

<b>Funding:</b>	<b>FY2013</b>	<b>FY2014</b>	<b>FY2015</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>Total</b>
PFund Rcpt	\$50,000						\$50,000
<b>Total:</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Additional Information / Prior Funding History:**

No prior funding.

**Project Description/Justification:**

Upgrade network wiring to permit 1 and 10 gig workstation connections.

**What is the purpose of the project?**

Improve network response to users for access to larger datasets and files.

**Is this a new systems development project? Or, an upgrade or enhancement to existing department capabilities?**

This is an upgrade to existing capabilities.

**Specifically, what hardware, software, consulting services, or other items will be purchased with this expenditure. Include a line item breakdown.**

Patch panels, wire, wall jacks, faceplates, and mounting hardware.

**How will service to the public measurable improved if this project is funded?**

Improved performance by staff in working with large datasets and files.

---

**Does project affect the way in which other public agencies will conduct their business?**

No.

**What are the potential out-year cost implications if this project is approved? (Bandwidth requirements, etc.)**

None.

**What will happen if the project is not approved?**

We will continue operations at our current 100 megabit limited bandwidth, and productivity by staff will be adversely impacted waiting for data. APFC staff use large datasets for statistical analysis and these datasets will be slow to transition through the 100 megabit bandwidth.