

FEATHER RIVER RAIL SOCIETY

DATE: May 2019
ITEM: New Business Item 1
FROM: Eugene Vicknair

ARCHIVES RESEARCH ROOM HVAC / CLIMATE CONTROL COSTS

Kerry Cochran has been making good progress on the electrical systems in the Archives Research Room being built in the former MP baggage car. After conferring with Kerry and Steve Habeck, I approached Ed Powell to get a quote for adding HVAC / Climate Control to the MP baggage car and the Office Car.

Ed was able to come inspect the cars and has worked up specifications for systems in both cars that will allow for full climate control. Also, he has offered to perform the install labor on a volunteer basis, which will save us quite a bit of cost.

Each car needs slightly different equipment due to the installation locations and ducting feeds of the cars, but basic equipment cost for each car is about \$4,200.00, plus addition cost for ducting and electrical modifications.

We currently have about \$16,400 tagged for archives expenditures under restricted funds, but I would like to try raising about \$6,000 outside the restricted funds to specifically complete the HVAC and Climate Control, plus electrical work, on the MP baggage car. This would be raised through a special fundraiser to start as soon as possible and to also include a mail-out fundraising letter. I would put this together in cooperation with the archives department.

Also, we should determine additional work for the car, such as type of flooring and wall covering, additional insulation, and archival lighting.

Finally, we need to consider fire suppression in the car. After much research, I recommend we look at an Ansul Inergen system. This is a bottle fed, non-liquid, breathable gas system that is leaves no residue and is recommended for archives and historical sites. There are a couple of suppliers in Reno who can give us quotes on an appropriate system.

REQUEST: Approve \$6,000 expenditure for acquisition and installation of climate control system in Archives Research Room. Approve fundraiser to support this expenditure. Expenditure will be held until fundraiser reaches \$4,000 or Board provide further authorization.