

Subject: [EXTERNAL] Re: [EXTERNAL] Re: Fuel System, G&W Switch and Airport Feeder
Date: Tuesday, June 21, 2022 at 10:47:00 AM Alaska Daylight Time
From: David Buss
To: Phillip A. Zavadil
Attachments: image001.png, image002.jpg, image003.jpg, image004.jpg

OK, if you need more backup from me on the \$460k number let me know. I would also assume order ASAP and install next year. The detailed estimate will include delivery estimates but based on what we are seeing I would assume late 2022 for it to be built.

David Buss
Electric Power Systems, Inc.
(907) 789-2474 main
(907) 523-3101 direct
(907) 321-7474 cell

On Tue, Jun 21, 2022 at 10:29 AM Phillip A. Zavadil <pazavadil@stpaulak.com> wrote:

I can wait for the detailed estimate. Will this be done this year or next. I am assuming we will order this year and it will be ready and installed next year.

From: David Buss <dbuss@epsinc.com>
Date: Tuesday, June 21, 2022 at 9:43 AM
To: Phillip Zavadil <pazavadil@stpaulak.com>
Subject: [EXTERNAL] Re: Fuel System, G&W Switch and Airport Feeder

How soon do you need the cost estimates? I have a ROM cost estimate for the switchgear, \$460k but I am waiting for the formal proposal.

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On Mon, Jun 20, 2022 at 1:33 PM David Buss <dbuss@epsinc.com> wrote:

Phil,

I have a cost estimate for new 480 volt switchgear to replace the lineup with one integrated lineup of switchgear but need to finalize the numbers for that. I hope to have that ready by the end of the week.

David

David Buss
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On Mon, Jun 20, 2022 at 11:46 AM Jason Rowland <jrowland@epsinc.com> wrote:

Phil,

We are expecting that the generator installations and other building upgrades will be performed by EPC in early 2023 with 49th providing the generators skids and major components in 2022. We should wait on pricing for that until we have a conceptual design on paper, otherwise we will be making too many guesses and assumptions that could drive up costs unnecessarily.

I will send you a design estimate for the power plant design work (everything other than the fuel system) so you can include that in your cost workup for City approval.

I will let David Buss chime in on the best direction for the switchgear upgrades as that purchase must happen in the next few months for our project to be successful.

Chris Davis can provide and update on the Distribution and feeder replacements and whether or not we can perform that work.

Jason Rowland, PE
Mechanical Engineer
Electric Power Systems

(907) 388-9554

On Mon, Jun 20, 2022 at 9:28 AM Phillip A. Zavadil <pazavadil@stpaulak.com> wrote:

Morning . I assembling a resolution for our city council to approve EPC/EPS work on our electric utility. I wanted have council approve all the work in one resolution. I have cost estimates from Jason on the fuel system, however I still need a cost estimate for the following:

- G&W switch replacement
- Switchgear rebuild or replacement
- Airport feeder line replacement
- Unit #2

Also, I am not sure what work EPC will be performing in addition to the work that 49th State is performing on the John Deere units.

If any of the construction work will occur next year and not this year please let me know. I can wait and prepare another resolution for work next year. If you have any of these estimates ready please send to me as soon as you can.

Phil

Txin qaġaasakuqing ~ Thank you



Phillip A. Zavadil, City Manager

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