To: Egan, Robert[egan.robert@epa.gov]
Cc: Dee.allen@ldftribe.com[Dee.allen@ldftribe.com]; lwawronowicz@ldftribe.com[lwawronowicz@ldftribe.com]
From: Hanson, Kristen
Sent: Fri 4/22/2016 3:04:43 PM
Subject: RE: new task order cost

Good Morning Bob,

I just left a voice mail.

I am reviewing the Task Order you send, but understand there is some cost problems and it needs to be scaled down or changed. What is the dollar amount target for this TO and what do the wells come in at? I can better provide input into options with a ballpark idea of cost and available funds.

Kristen

From: Egan, Robert [mailto:egan.robert@epa.gov]
Sent: Thursday, April 21, 2016 3:27 PM
To: Hanson, Kristen
Cc: Kamke, Sherry
Subject: new task order cost

Hi Kristen,

I should have run my cost estimate first for our next set of work. I know now that there will not be enough money to do everything I put into the draft task order SOW.

I made a call to do a little research on the MIP work and it will cost between $3000-4500 per day, and another "several thousand" to do the post processing on the data to produce the 3D images. I fully expect that will have money to do this when we receive our new allotment of funds, but I can't do it with what we have left from last year.

We should talk about this. I know you want to have BERS ready to observe the REI work if they drill new wells, and we want BERS to install those 2 additional wells and get the samples prior to the USGS work this summer. These things I think we can do. It ties up some money as we wait for REI to do something, but we want to be ready if they do get to the field sometime soon.

Also, in talking to the drilling company I called, the MIP technique is only best suited to total VOC contaminants above 1000 ppb (dissolved), and only works on the lighter compounds. We have that, but it may be less successful for definition around the plume margins. I would like to learn more about the VAS work that was done. Maybe this would also be an option, especially if we could have a field GC running total VOC analysis so we get results quickly. I should have BERS research this as part of the task order and propose the best method to help us plan the well network. There may be other methods out there too that haven't been considered.

Let me know what you think and what your top priorities are for our available funding in the short term. If we do the 2 wells and audit the state work, those items were in your e-mail list of priorities sent to me on 3/30. The other short-term item was for cross sections, etc., and most of the items from your Short-term #2 were delivered with the tech memo this week. Additional data analysis and recommendations could be added to this task order if there is something specific we want.

Sorry to have to pull back on plans for some of the work for the short term. I thought we might be able to fund it all for this nest task order but the drilling is pricier than I had considered.

Bob Egan

Corrective Action Manager

Underground Storage Tanks Section

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