

Raymond - South Bend Regional Wastewater Coordinating Committee

300 First Street • Raymond • WA 98577 •

RWCC REGULAR MEETING JULY 28, 2011 SOUTH BEND CITY HALL

A regular meeting of the RWCC was held on July 28, 2011 at the South Bend City Hall. Present were Eric deMontigny, Jerry Bowman, Jason Dunsmoor, Steve Russell, Cathi Reed, John Dunsmoor, Kirk Church, Dominic Miller, Doug Welch, Dean Parsons, and Tom Zerkel

The meeting was called to order by Chairman Eric deMontigny at 6:47 PM

Introductions: – None necessary

Review and approval of June 2011 meeting minutes
Approved with corrections.

Electrical Engineering Costs (Tom / Dean)

- Eric requested final clarification of costs to G&O electrical subcontractor (Conley). There has been much confusion regarding these design charges and in order to go forward the RWCC requires full information and understanding of current and future costs.
- Although Conley's costs were shown at a significantly higher level, the RWCC is not responsible for more than the original planned and agreed upon design cost of \$330,000 plus an agreed-upon extra of \$85,000 for costs to date.
- As justification for electrical design billings Gray & Osborne provided a chart of 5 similar projects to show points of perspective. These charts indicate that the total electrical engineering costs of the projects are proportionate to RWCC electrical engineering costs. It is to be noted that these are not G&O projects.
- G&O also submitted data on three recent projects where folks other than Conley did programming in order to further justify Conley's costs. G&O emphasized that the number of IO points is relevant.

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- What are remedies to go forward? G&O has worked with Conley for a number of years on a number of difficult projects. Pat Conley speaks plainly and is a stand-up guy. He has accepted that he will absorb some of the costs billed to RWCC to complete project.
- G&O submitted letters of recommendation for work performed by Conley from four project owners and/or end users. Doug Welch was the design engineer on all four of the above-mentioned projects. Doug understands it is a contentious issue but wants to move on.
- G&O submitted a breakdown of all costs to date for subs and GO for construction management. The on-line CMS programs do not always reflect all of the work that has been done: i.e. Conley has reviewed 60 to 70 submittals, and indeed will continue to review everything pertaining to electrical work. As the budgets now have a built-in stop at \$100K they will be coming back in September for more money for Conley work to continue.
- The submittals from Rognlin's are very good.
- The initial submittal for MCCs is not acceptable. Communication between Rognlin's, the electrical sub-contractor and the supplier has been fragmented. The MCC providers were not talking to each other but everyone seems to be on board now with Alan Bradley taking responsibility.
- Totem appears to not be looking very hard at submittals. There was a problem with Totem in first phase also and G&O is working hard to keep their feet to the fire. They have to understand that they must adhere to the drawing and specs.
- On the programming side, during design Doug pulled vendor-designed control panels out of the construction contractor's scope and decided to have G&O do programming and design of panels. According to Doug, comparatively speaking it is not much more expensive to have G&O do the panel design and programming, rather than the equipment vendor, and down the road considerable effort is saved because there are fewer problems during startup and commissioning. As an example, Doug asked FKC what their cost would be to do the panel design for their equipment and they indicated about \$125,000 for design and programming. Other major

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design/programming components would be ORP controller (\$25K) and influent screen \$30 – 40K). The total of just these pieces is about \$185K, so the \$200K cost for the entire plant seems reasonable. Doug's stand is that vendor-supplied panels are not usually wired correctly when they arrive and the actual wiring and the submittal often do not match. G&O consolidated all panels out to save building space and end up with a more integrated system – everything will be under one umbrella as opposed to a patchwork quilt of suppliers and equipment. G&O is meeting regularly to make sure panels and programming progress smoothly..

- In summary it is in everyone's best interest to get past these contentious billing issues and figure out how to move forward. The \$100,000 stops are a good tool. G&O can commit by amendment to electrical subcontract for services during construction to no more than \$250,000.
- One option moving forward would be to have Conley could step back completely from programming. Gray & Osborne stated that this would probably not save any money and could put G&O at risk. They feel QCC (Totem Electric's controls sub) is competent to do the work and can send the specifications to them and get a cost for the PLC/HMI programming. G&O did not recommend this option.
- Another option would be to put the PLC/HMI programming out to bid ("out on the street"). This option is less desirable than the first, in G&O's estimation. Having a third party involved in the panel design/programming would serve no purpose except to further fragment the process and lead to potential conflicts and changes.
- A question was asked if the control description document is ready. This document is an outstanding deliverable from the WWTP design phase, which G&O has yet to submit to the RWCC. The design engineer (Doug) is reported to be about 2/3 of the way through that process and the document should be ready in a couple weeks. The RWCC is not paying for this work. Doug is doing it in his spare time.

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- Gray & Osborne opined that QCC's costs, if they were to do the PLC/HNI programming, might be more than the current Conley proposal because of mark-ups all up the line.....15% mark-ups are allowed.
- The RWCC asked if Conley could stay in budget from now on. Can G&O manage Conley's effort to stay on budget? Tom stated that Pat Conley is committed to overall budget; however, the future is impossible to predict. The RWCC insists that the "freewheeling" (inability to control costs) of Conley has to come to a halt. He must be held to the budget established for the work. This is not a question of Conley's technical ability – just their inability to keep costs in line.
- The discussion turned to a remedy. There is currently a proposal of \$600,000 from Conley to do the programming and construction inspection services. Of that, \$300,000 is written into the contract between G&O and the City of Raymond with a \$100,000 incrementally funded cap. G&O said they can commit to a not-to-exceed budget of \$550,000 with a reassessment in two months. Conley is aware of the RWCC's concern. The next couple of months will be telling – at the current burn rate, Conley will need another incremental authorization (beyond \$100,000) in about two months. As the project ratchets up, the burn rate may escalate. G&O will manage Conley and progress will be re-evaluated in September.
- One cost saving proposal is to have G&O's on-site engineer, Will Scott, along with support from David Bruce and John Galucci do as much as possible instead of having Conley personnel come from Eastern Washington to oversee work. Plan to have G&O on-site guys oversee concrete/conduit to a certain point and then have Conley come out.
- G&O said they would look at strategies to reduce the electrical engineering costs and come back to the RWCC for things to consider. They were hopeful this issue can be revisited in a couple of months and put to rest.

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Infiltration and Inflow Project Status

- Bids were opened on July 7 at Raymond City Hall. Two bids were received – Rognlin’s bid, at &704,198.11 and Award Construction out of Ferndale, WA at \$1,030,577.70. The engineering estimate was \$980,936.88. The Rognlin bid was accepted and approved by the South Bend and Raymond City Councils and the EPA. The DOE is still checking a few things and has asked for a copy of the sheet showing Raymond Pump Station #4. The work is moving forward.
- Based on the bid results, both cities have more money available from the two funding sources to spend on I&I projects.
- RAYMOND
 - Raymond has \$111,800 available for additional work. This figure does not include a contingency for change orders for current contract with Rognlin’s; holding back 5% for contingency would be prudent. G&O recommends selecting additional work that does not require permits in order to complete work under a change order process rather than waiting for permitting and then going out to bid. G&O submitted a list of 13 work items that likely would not require permits. Janet and Jay will work with Dean to determine the best way for Raymond to spend the available funding that remains.
 - The McDonalds work will require an additional approximately \$20,000 for easements, additional design work, etc.
 - Dean would like to add the manhole upstream of the McDonald’s work that was not originally included in the paperwork submitted by Janet.
 - Janet met with WASDOT and Rognlin’s about boring. WASDOT is okay with bore and open cut combination.
 - The impact on McDonald’s drive-through lane may be less than originally thought which would in turn result in fewer work hour restrictions. This has not yet been pinpointed; nor have permits and/or easements been finalized.
 - The intersection at 101 and Fowler gets excessive surface runoff; however, that is a WASDOT issue, not a city issue.

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- SOUTH BEND
 - South Bend has \$123K of available funding left after the bid results. To use part of the funding the city has elected to purchase a sewer camera to inspect lines. DOE has approved and the city is in process of obtaining three quotes. The city is currently considering some basic equipment (manufactured by Ridgid Tools) for approximately \$12,000.
 - With the remaining \$111,100 the city can choose between any number of previously identified I&I problems as well as the catch basin at the school bus yard.
 - The situation with the Monroe street sewers will be handled in conjunction with TIB project next year.
 - Janet and Jay will coordinate with Steve to pick projects which the RWCC will review at the next meeting.
 - The pumps for Schedule E (the school pump station) have been delivered. That project must be completed by August 31, 2011 (before school opens).
- Conveyance Project (Landis and Landis) Update
 - The conveyance project has an August 31, 2011 deadline. All costs need to be incurred by that date and submitted for reimbursement no later than 45 days from that date. A couple of items due from Landis and Landis: as-built drawings and O&M manuals. An extension (from DOE) may be possible, if needed, for G&O to complete their work after materials are received from Landis and Landis.
 - Dean received a letter Naselle Rock regarding \$32,000 owed from Landis & Landis. This may be a retainage issue and contract items (including items due from L&L) need to be resolved before retainage can be released. Greg Nichol is on top of it; G&O will send a letter to Naselle Rock acknowledging the receipt of the claim.

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- Regional WWTP (Rognlin's) Update (Doug)
 - Payments are on schedule and up to date. Tomorrow is the cutoff for pay estimate #5.
 - Work is being completed on schedule and up to date.
 - Second clarifier #1 walls done.
 - Slabs #2 poured tomorrow.
 - Excavation for aeration basin started. The de-chlorination basin is being filled with excavated material – permission to fill basin approved by DOE (Greg Zentner).
 - Gravity line from old South Bend Pump Station #3 to the new has been installed.
 - The new SB Pump Station #3 has been started up, is on line and operating well.
 - There is currently no remote alarming at Pump Station SB #3. The facility is checked each day, but as of now there is no automatic dialup or other means of remote alarming. G&O recommends installing a temporary system in the form of a cellular auto dialer in the next couple of weeks. Doug is getting a proposal from Rognlin's (QCC) to do the installation which is expected to cost approximately \$6,500 with a \$30/month service charge. The overall cost will be about \$10,000 and this system can be reused elsewhere. This cost exceeds the \$5,000 authorized purchase limit; however, the RWCC voted to consider this an emergency and to purchase the equipment and get it going. The consensus is that the cost of the fix is less than the amount of the fine, if there were issues with the pump station and it overflowed, for example.
 - Payment status RD is on schedule and Rognlin's has received their check for the 4th pay estimate. Everything is going smoothly with Rognlin's.
- Other Items
 - Regarding the DNR directive to sample sediments at outfall: It turns out that the cost of the benthic survey is included in G&O's original proposal fee estimate for WWTP construction services. It seems reasonable to continue using Nisqually Aquatics. It is not necessary to obtain DOE

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approval. Nisqually Aquatics plans to meet DOE criteria. DNR will give blessing once sampling is done. Sampling is scheduled for August 23, 2011.

- The river crossing and outfall final easements to be prepared upon submission of as-builts – Currently scheduled for October with construction of the new outfall.
- Change orders and construction issues:
 - Un-planned for \$3K for hatches
 - The HVAC submittal revealed oversized ducting
 - Lateral pressure caused some of the piles to lean. Rognlin's removed some material to bring loading down, augered to relieve pressure, and the piles returned to their upright position.
 - One clarifier complete.
 - There was some flexing in the sheeting when Ronglin's began excavation. They installed cables through preload and the flexing ceased to be an issue.
 - There is a reported pile of concrete rubble – where is that from? No, slabs. G&O will check tonight
- Next meeting is scheduled for August 25, 2011 at 5:30 PM in South Bend
- The meeting was adjourned at 7:40 PM.