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Committee Members

Councilman Todd Berch, Co Chair
Councilman Philip Pessina, Co Chair
Councilmatic Representative, Thomas Serra
Councilmatic Representative, Joseph Bibisi
WPCA Chairman, Dale Aldieri
WPCA Commissioner, John Giuliano
John Parker
Tina Gomes
Michael Rosario

Committee Staff

Director Guy Russo
Deputy Dir. Robert Young
Chief Eng. Joseph Fazzino
Asst. Chief Eng. Christopher Holden

**MATTABASSETT BUILDING COMMITTEE
SPECIAL MEETING
MONDAY, APRIL 29, 2013
7:00 P.M.
82 BERLIN STREET, MIDDLETOWN, CT**

Members Present: Councilman Todd Berch, Co Chair
Councilman Philip Pessina, Co.Chair (arrived 7:03 PM)
Councilman Thomas Serra
Councilman Joseph Bibisi (arrived 7:03 PM)
Dale Aldieri, WPCA Chairman
John Parker
Tina Gomes
Absent: Michael Rosario
John Giuliano, WPCA Commissioner

Staff Present: Director Guy Russo
Chief Eng. Joseph Fazzino
Absent: Deputy Dir. Robert Young
Asst. Chief Eng. Christopher Holden

Others Present: Elise McDermott, Finance Dept.
Mark Kopchak, CDR Maguire Engineers
Charlie Chiu, CDR Maguire Engineers
Steve Landry, CDR Maguire Engineers

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I. Meeting called to order

The meeting was called to order by Councilman Todd Berch, Co. Chair at 7:01P.M.

2. Approval of Minutes

Councilman Todd Berch, Co. Chair requested a motion to approve the minutes of the March 26, 2013 Regular Meeting. Motion was made by John Parker seconded by Dale Aldieri to approve the minutes of March 26, 2013. The motion was approved with five

members voting in favor and Councilman Joseph Bibisi and Councilman Philip Pessina, Co Chair were not present for the vote.

3. Public Comment

There being no comments from the public, Councilman Todd Berch, Co. Chair closed the Public Hearing at 7:02 P.M.

4. Financial Report

4.1 Director Guy Russo spoke with the committee on rolling the engineering expenses into the first phase of the construction funding of the pipeline with DEEP Clean Water Fund. There will need to be a modification of the original application to update it. The funds presently available now total \$25,000,000 and an additional \$12,000,000 will be a supplemental in the next Clean Water Fund.

4.2 Councilman Todd Berch, Co. Chair requested a motion for the approval of Inv. #5 for CDR Maguire Engineers in the amount of \$178,054.36. Motion by Dale Aldieri seconded by John Parker to approve the payment of \$178,054.36 to CDR Maguire. The motion was approved unanimously

Councilman Todd Berch, Co. Chair requested a motion to approval the Recording Secretary's payroll totaling 10 ½ hours. The motion was made by Councilman Joseph Bibisi seconded by Dale Aldieri to approve the recording secretary's payroll. The motion was approved unanimously.

4.3 Charles Chiu, CDR Maguire spoke on two proposed change orders which will be presented for approval at the May meeting of the Building Committee. The first change order will be for the force main alternative. It would include an alternative for the horizontal directional drilling of two pipes to get under the Sumner Brook. A force main would be installed by super cut trenching, by running a shallower pipe out the driveway and along Dekoven Drive to continue out past Exit 14 where the first drill had terminated.

The second proposed change order would be for the pump station site development. In the Phase II environmental site assessment there were pockets of contamination on the site. In order to get a better handle on the limits of contamination they will need to go back and drill more holes in the pump station site to better delineate the extent of the contamination.

Councilman Thomas Serra spoke on his concerns that this is a new project and we already have change order items and why were they not figured into the original estimate of work.

Charles Chiu, CDR Maguire explained that the Phase I study that was done in the past was basically a record search of the land uses. Phase II that was just done was to confirm what was out there which included drilling holes in the ground and putting together a pattern of where potential sites of contamination could be found. Now that areas were found, Phase III will be to determine, based on the number of holes that were drilled, where additional holes will be made to better determine the extent of the contamination.

Councilman Philip Pessina, Co Chair asked if a grant would be available from EPA to pay for the remediation item. Charles Chiu, CDR Maguire said he was not aware of any.

Dale Aldieri asked for clarification that Phase I and II were in the CDR Maguire contract and for the entire project area. Whereas, Phase III and Phase IV were not in their contract and would only be in the pump station development area which Charles Chiu, CDR Maguire confirmed.

Director Guy Russo stated that there were two old oil tanks and one gas tank in the area where the hydrocarbons were found that date back to the 1950's. Getting to Phase III will determine if they are dealing with either oil or gasoline and the limits of excavation and remediation. Phase IV would be for the remediation.

Mark Kopchak, CDR Maguire stated that it is to everyone's advantage to have a better handle going into the next construction Phase II of the contract, the Pump Station. He stated that they were told to appropriate \$15 million for the force main construction and \$15 million for the pump station. The additional borings would determine the amount of money needed for clean up on the site.

5. Staff Updates:

5.1 Director Guy Russo stated that he had just received a draft of the CDR Maguire response to the Value Engineering Report and had not reviewed it. His recommendation was to table discussion on the report.

Councilman Todd Berch, Co Chair requested a motion to table discussion on the CDR Maguire response to the Value Engineering Report. The motion was made by Dale Aldieri seconded by Councilman Thomas Serra to table the discussion. The motion was approved unanimously.

5.2 Director Guy Russo informed the Committee that the application was completed last month for the May 3, 2013 meeting of the Cromwell Inlands Wetlands Commission at 7:00 P.M. The item would be first on the docket to be discussed.

Mark Kopchak, CDR Maguire informed the Committee that there would be a 25 minute public presentation and public hearing at the meeting in Cromwell. He also presented a copy of a memorandum to the Committee that was sent to Stuart Popper, Cromwell Town Planner from Kelly Starr, Natural Resource Specialist with the Connecticut River Coastal Conservation District, Inc. He would be prepared to speak at the meeting on her concerns on the project as most of the items were addressed in the DEEP application.

Director Guy Russo requested that for clarity purposes discussion on the update of the pipeline design be done before the update on the pumping station to see how it will require decisions to be made on the pump station design.

The Committee approved moving up Agenda Item 5-4 Engineering Update on Pipeline Design for discussion before Agenda Item 5-3 Engineering Update on Pumping Station Design.

5.4 Mark Kopchak, CDR Maguire updated the committee on the pipeline design. He is waiting to hear from their consultant on their approval of the specifications of the horizontal directional drilling and the review of the alignment that was selected. The consultant has completed their review of the size of the pipe that was designed and it is adequate to with stand the forces of the pull thru the ground.

He also informed the committee that the open cut and cover on Dekoven Drive would be handled as an alternative bid. The engineer's estimate of the 30 inch line is in the range of \$800.00 per foot material and contractor in comparison to \$5,000 per foot for the horizontal drilling thru the rock for two borings.

He also discussed the Buckeye pipeline and that he was satisfied that they had properly located the pipeline. There was one area that could be very close so the pipeline would be kept 10 feet or more above the Buckeye pipeline in the Ferry Street area. The pipeline was also diverted along the shoulder of RT9 and DOT was made aware of this. They will be signing off on the final plans.

The printing of the final plans and specifications would be completed by next week and a copy would be sent to DOT and Providence and Worcester Railroad. There will be an 8 week bid period with a 6 week addendum timeline for any changes.

CDR Maguire prepared a cost estimate of savings for the horizontal drilling of a single 30" bore in comparison to twin 24" bores. There would be two areas where a single 30" pipe instead of twin 24" pipes would be used with a potential savings of \$3.5 million dollars.

Director Guy Russo informed the committee that a prequalification was out for horizontal directional drillers at the request and strong recommendation of the sub consultant. This will be done with department staff along with CDR Maguire and only the contractors that will be pre qualified will be eligible to be able to be carried as a sub consultant by any

general contractor. They will have to be a horizontal directional drilling contractor and have done at least one continuous 2000 foot pull with 24" inch pipe.

Director Guy Russo also informed the committee that the bid for the pipeline is scheduled to be advertised for bid on May 7, 2013 and a mandatory pre bid held on May 17, 2013. The bid opening would be on June 21, 2013. The bid specifications do have language for project labor agreements. He also informed the committee that he had met with Mr. Hurley from Jackson Corrugated to stockpile soil material for testing purposes. The department staff will be checking with Geo Insight as to how they handle their soil cuttings and their mud fluid. As the disposal cost is estimated to be \$500,000, he was looking at handling it by using the 6½ acres of city property across the way. Testing showed no hazardous material and it would just need to be dried out and then disposed of.

Mark Kopchak, CDR Maguire gave an overview of the cost estimate report that was presented to the committee for the Force Main Contract #1 alternative for Dekoven Drive. The cost estimate summary totaled \$15,540,625 which included the Dekoven Drive Open Cut alternate of \$1,265,019, HDD costs in the area of the Downtown and Mattabassett River of \$9,060,772, Open Cut Areas costs of Exit 14 to the tunnel, Bridge St. and Cromwell of \$4,134,323, Junction Vault costs in Middletown and Cromwell of \$321,360, Pipe Access Roadway in Cromwell costs of \$323,092 and environmental costs Bridge St. and Cromwell of \$436,059. If the city handles the soil cuttings and drill fluids there would be potential savings of \$500,000 which would bring the estimate down to \$15,000,000. The estimate also includes a 10% contingency for the horizontal drills, 10% contingency for the Cromwell section and a 5% contingency of the open cut in the city. The environmental investigation has been completed on the Force Main contract.

5.3 Mark Kopchak, CDR Maguire informed the committee after discussion with Director Guy Russo, the proposed target date for bid opening for the pump station was early March 2014. The station design would be completed by December 1, 2013. CDR Maguire will be working with a sub consultant for the building system which includes the HVAC, mechanical, electrical and plumbing systems.

Director Guy Russo stated that a suggestion was made by Steve Landry, CDR Maguire to bid the pump station with two contracts. One contract would be done in advance for the pile driving and excavation which will take 4 to 6 months to complete and the other would be for the remainder of the building system. This would reduce the final construction by 4 to 6 months. This would require going back to DEEP and it will also need to be coordinated with the opening of the new plant.

Mark Kopchak, CDR Maguire informed the committee that the pump station is really two buildings, the part underground with the necessary equipment and the part above ground which needs to be above a 100 year flood and contains your motor control center, lockers, storage, lunch room etc. The part below ground is about 8,000 to 9,000 sq. ft.

The foot print of the building is up around 14,000 sq. ft. which included some add ons for non essential items such as a 3 bay truck wash. They will design the building based on only essential uses and it will diminish in size to 9,000 sq. ft.

He also informed the committee that CDR Maguire is looking at a couple of proposals for architects. He is hopeful that by the end of May they may not have a contract signed but they would like to let the committee know that they have a negotiated fee with the architect.

Tina Gomes questioned if the architect is the only sub contract that CDR Maguire will require.

Mark Kopchak stated that CDR Maguire would be doing the waster water treatment and pumping, motors, drives, pumps, the site work and geotechnical design of the pilings. They would be sub contracting out the architecture, mechanical, electrical and plumbing and HVAC systems for the building.

Tina Gomes stated that she wanted to make sure that if there are any grants available for the project that we take advantage of them.

Director Guy Russo informed the committee that the Geo Tech study found no PCB's but there was asbestos present. There has not been any definitive word on the presence of lead. The report may be completed by next month.

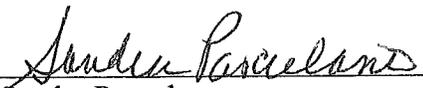
6. Old Business

6.1 Director Guy Russo informed the committee that he had received a draft of the RFP for Construction Management from Purchasing Agent Donna Imme. He would like to move it along and asked if the committee would have the Co Chair's look at it and work with him so it could be released as soon as possible. The committee agreed to have the Co Chair's review the RFP with the Director for advertising.

7. Adjournment

Councilman Todd Berch, Co Chair requested a motion to adjourn. The motion was made by Tina Gomes and seconded by Dale Aldieri to adjourn the meeting at 8:24 P.M. The motion was approved unanimously.

Attest:


Sandra Pasculano
Recording Secretary