

November 8, 2011

Mr. D. Jesse Hegemier, P.E.
County Engineer
Fort Bend County
1124 Blume Road
Rosenberg, Texas 77471

Re: Invoice No. 4 for Front Street (FBC Project No. 747)
Partial Payment for Work Authorization No. 1

Project No. 300701.12

Dear Mr. Hegemier:

We have reviewed the enclosed invoice by Lippke, Cartwright & Roberts, Inc. (LCR), and recommend payment in the amount of \$6,696.80, as submitted. The contract amount of \$90,736.00 for LCR was authorized in Work Authorization No. 1, which is effective until December 31, 2011. The percentages of completion for which the services have been invoiced appear to be consistent with the actual amount of work completed. LCR has also prepared a progress report, which is attached to the invoice for your review.

Please call me if you have any questions.

Sincerely,



Peter A. Ring, P.E.
Project Manager

PAR/tmb

Enclosure



INVOICE

BILL TO:
Fort Bend County Engineering
c/o Shaumburg & Polk
11767 Katy Freeway # 900
Houston, TX 77079-1779
Attn: Pete Ring

November 8, 2011
Invoice # 11292
Project # 404-0005
Terms: Net 30

Fees for Professional Services rendered through 10/31/2011

RE: Front Street Extension WA No 1 PO No. 74318
* Reference attached Progress Report

Task	Description	Fee	% Complete	Fee Earned	Prior Billed	Fee Due
03	P.E.R.	\$ 41,855.00	69%	\$ 28,879.95	\$ 22,183.15	\$ 6,696.80
03	Topo Survey	\$ 18,500.00	93.2%	\$ 17,250.00	\$ 17,250.00	\$ -
03	Geotechnical	\$ 11,381.00	100%	\$ 11,381.00	\$ 11,381.00	\$ -
03	Signal Warrant Study	\$ 19,000.00	7%	\$ 1,330.00	\$ 1,330.00	\$ -
		\$ 90,736.00		\$ 58,840.95	\$ 52,144.15	\$ 6,696.80

Total Due this Invoice: \$ 6,696.80

*OK
RJA*

Please include Invoice number on remittance
Make checks payable to Lippke Cartwright & Roberts, Inc.
Thank you

900



November. 4, 2011

Pete Ring, PE
SPI Engineering Inc.
11,767 Katy Frwy. #900
Houston. TX. 77079
713 920 0487 713 653 4041

Re: Front Street Extension Project PER, October, progress report.

Dear Mr. Ring:

Scott Maham PE of our office met with Othon Inc. on Oct. 10 to discuss the south end tie in to the four lane, median section by Hillcrest. They addressed continuation of the sidewalk and IT duct bank, in addition to the obvious paving and drainage issues. It appears that only one powerpole string will need to be relocated south of Wheaton.

We met with Lenert Kurtz and Wade Wendt at the City of Richmond on Oct. 17. They showed concern with the lack of cover that would be over the utilities during construction. Namely, the 4" sanitary; it has less than two feet in places below proposed sub-grade. Also the water line between Fort St. and Wheaton will be under the proposed pavement curb line. Subsequently, 16" of base and pavement will be added. Happily, we have resolved the force main issue.

We also showed cross section sketches which we had made earlier showing how we plan to deal with the narrow ROW issue, which is down to 53' in places. We have managed to maintain four traffic lanes, curbs, a 4' sidewalk, a duct bank and a large underground storm sewer pipe with several curb inlets; all this without seeking additional ROW.

During construction we will remove approximately 18" of cover, the clearance will range between 1.8' and 3.5'. We feel that anything less than 3 feet of cover during construction will have to be replaced in order to safely avoid damage to the lines. Basically between Fort & Austin both water & sewer lines will need to be removed IF this two lane section is replaced with a similar two lane section, but that pavement work is not certain in the near term. Between Austin and Fannin the sanitary sewer will need to be replaced. We worked up sketches to show these suggested changes and sent them back to City of Richmond. If they concur with our limits we can make cost estimates, and incorporate them into the final PER. Copies are attached.

We have not yet addressed the telephone and gas line which are in conflict, because they are small and can wriggle in around larger gravity dependant lines.

Commissioner Morrison was updated on our progress; he was pleased and supportive.

Bernard J. Murphy, PE
Transportation Manager

L:\RANSOM EXT to FM762103_PER\L2_Pete_Ring_October_2011_Progress_Rpt.docx