

**Memorandum
Public Works Department**



To: City Manager
Subject: 13th Street Water Main, 5th Avenue to 7th Avenue, Project 2678
Date: November 20, 2014
Number: 2014-263

Langman Construction, Inc. is due payment #2 and final for the 13th Street Water Main, 5th Avenue to 7th Avenue, Project 2678 for services provided from October 3, 2014 through October 30, 2014.

Recommendation

The Public Works Department recommends that the City Council approve the payment to Langman Construction, Inc., in the amount of \$40,018.52.

Vendor: Langman Construction, Inc.
Payment Amount: \$40,018.52

Fund:	501	Water Operations & Maintenance
Department:	619	Utilities Maintenance
Cost Center:	356	Water Distribution Maintenance
Object Code:	56310	Water System Improvements
Project:	2678	13 th Street Water Main, 5 th Avenue to 7 th Avenue

Purchase Order Number: P004323
Requisition Number: R004950

Submitted by: Randall D. Tweet, Public Works Director
Michael J. Kane, P.E., City Engineer

Approved by: Thomas Thomas, City Manager

**CITY OF ROCK ISLAND
ENGINEERING DIVISION**

Project: 13th Street Water Main, 5th to 7th Avenue
 Job No: 2678
 Contract Date: Sept. 2, 2014
 Engineer: Mike Kane, P.E.
 Inspector: Cal McKenzie
 Contractor: Langman Construction, Inc.

Pay Estimate # 2& Final
 Oct. 3, 2014 to Oct 30, 2014

	Contract Amount	Completion Date
Original	\$213,979.93	10/30/2014

Item No.	Description	Plan Quantity	Units	Previous Quantities	New Quantities	Quantity To Date	Unit Price	Earned To Date
1	Mobilization	1	L.S.	1.0	0	1.0	25,000.00	\$25,000.00
2	Clearing and Grubing, Site Preparation	1	L.S.	1.0	0	1.0	\$5,000.00	\$5,000.00
3	Pavement Removal	163	SY	154.2	0	154.2	\$10.00	\$1,542.00
4	Sidewalk Removal	310	SF	557.0	0	557.0	\$1.00	\$557.00
5	Combination Curb & Gutter Removal	110	LF	51.0	0	51.0	\$5.00	\$255.00
6	Earth Excavation	893	CY	893.0	0	893.0	\$0.01	\$8.93
7	Geotechnical Fabric for Ground Stabilization	50	SY	0.0	0	0.0	\$10.00	\$0.00
8	Aggregate Base Course 9" Type A	90	SY	100.2	0	100.2	\$10.00	\$1,002.00
9	Tempoary Aggregate Surfacing, 6"	90	SY	0.0	0	0.0	\$5.00	\$0.00
10	PCC, Pedestrian Curb Ramp	75	SF	108.0	0	108.0	\$25.00	\$2,700.00
11	PCC Sidewalk, 4"	210	SF	449.0	0	449.0	\$8.00	\$3,592.00
12	Combination Concrete Curb & Gutter	110	SY	51.0	0	51.0	\$35.00	\$1,785.00
13	HMA Binder Course, 2"	90	SY	100.2	0	100.2	\$28.00	\$2,805.60
14	HMA Surface Course, 2"	90	SY	100.2	0	100.2	\$28.00	\$2,805.60
15	Catch Basin, Remove and Replace F&G	1	Each	0.0	0	0.0	\$650.00	\$0.00
16	Storm Sewer, 18" Pressure Class Pipe	20	LF	40.0	0	40.0	\$100.00	\$4,000.00
17	Storm Sewer, 12" Pressure Class Pipe	40	LF	0.0	0	0.0	\$50.00	\$0.00
18	Seeding, Fertilizing, and Erosion control Blanket	80	SY	0.0	0	1482	\$5.00	\$7,410.50
19	Sooding	80	SY	0.0	0	267	\$8.00	\$2,133.60
20	Inlet And Pipe Protection	1	LS	1.0	0	1	\$200.00	\$200.00
21	Traffic Control and Protection	1	LS	1.0	0	1	\$2,000.00	\$2,000.00
22	Water Main, PVC, DR-14, 8"	922	FT	922.0	0	922	\$100.00	\$92,200.00
23	Water Main, PVC, DR-14, 6"	35	FT	35.0	0	35	\$85.00	\$2,975.00
24	Water Main, PVC, DR-14, 4"	13	FT	13.0	0	13	\$80.00	\$1,040.00
25	Gate Valve and Box, 8"	6	Each	6.0	0	6	\$1,200.00	\$7,200.00
26	Gate Valve and Box, 6"	3	Each	6.0	0	6	\$900.00	\$5,400.00
27	Gate Valve and Box, 4"	1	Each	1.0	0	1	\$800.00	\$800.00
28	Fire Hydrant Removal	2	Each	2.0	0	2	\$500.00	\$1,000.00
29	Fire Hydrant	2	Each	2.0	0	2	\$3,000.00	\$6,000.00
30	Bend, Class 350, DIP, MJ, 8", 11 1/2" VRJ	2	Each	0.0	0	0	\$200.00	\$0.00
31	Bend, Class 350, DIP, MJ, 8", 22.5" VRJ	4	Each	4.0	0	4	\$200.00	\$800.00
32	Bend, Class 350, DIP, MJ, 8", 22.5" HRJ	2	Each	0.0	0	0	\$200.00	\$0.00
33	Bend, Class 350, DIP, MJ, 8", 45" HRJ	8	Each	10.0	0	10	\$200.00	\$2,000.00
34	Bend, Class 350, DIP, MJ, 4", 90" HRJ	1	Each	1.0	0	1	\$150.00	\$150.00
35	Tee, Class 350, DIP, MJ, 10"x10"x8"	1	Each	1.0	0	1	\$575.00	\$575.00
36	Tee, Class 350, DIP, MJ, 8"x8"x8"	2	Each	2.0	0	2	\$400.00	\$800.00
37	Tee, Class 350, DIP, MJ, 8"x8"x6"	5	Each	5.0	0	5	\$400.00	\$2,000.00
38	Tee, Class 350, DIP, MJ, 6"x6"x4"	1	Each	1.0	0	1	\$350.00	\$350.00
39	Reducer, Class 350, DIP, MJ, 8" x 6"	1	Each	1.0	0	1	\$50.00	\$50.00
40	End Cap, Class 350, DIP, MJ, 10"	2	Each	2.0	0	2	\$150.00	\$300.00
41	End Cap, Class 350, DIP, MJ, 6"	1	Each	0.0	0	0	\$100.00	\$0.00
42	End Cap, Class 350, DIP, MJ, 4"	1	Each	0.0	0	0	\$100.00	\$0.00
43	Casing Pipe, Steel, 16"	112	LF	112.0	0	112	\$200.00	\$22,400.00
44	Cut Existing 6" Water Main and Install End Cap, Class 350, DIP, MJ, 6"	3	Each	3.0	0	3	\$200.00	\$600.00
45	Hot Tap Water Main, With Tapping Sleeve and Valve, 8"	2	Each	0.0	0	0	\$3,750.00	\$0.00
46	Compression Pipe Coupling, 18"	2	Each	4.0	0	4	\$300.00	\$1,200.00
47	Compression Pipe Coupling, 12"	1	Each	0.0	0	0	\$250.00	\$0.00
48	Casing Pipe, PVC, DR-25, 16"	40	LF	20.0	0.0	20.0	\$60.00	\$1,200.00
49	Trench Backfill	600	CY	650.0	0	650	\$0.01	\$8.50
50	Boring Pit, 30'x10'	1	Each	1.0	0	1	\$3,000.00	\$3,000.00
51	Receiving Pit, 30'x10'	1	Each	1.0	0	1	\$1,000.00	\$1,000.00
52	Remove and replace unsuitable material under pavement	1	L.S.	0.0	1	1	\$1,300.26	\$1,300.26
53	Excavation and placement of water valves	1	L.S.	0.0	1	1	\$8,544.20	\$8,544.20
							Total	\$225,688.19

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ENGINEERING DIVISION**

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 Engineer: Mike Kane, P.E.
 Inspector: Cal McKenzie
 Contractor: Langman Construction, Inc.

Pay Estimate # 2& Final
 Oct. 3, 2014 to Oct 30, 2014

	Contract Amount	Completion Date
Original	\$213,979.93	10/30/2014

Previous Payments		
No.		Amount
1	Pay Estimate #1	\$185,669.67
Total		\$185,669.67

Total Amount of Pay Items =	\$225,688.19
Total Change Orders to Date	\$0.00
Total Amount Earned to Date =	\$225,688.19
Retained Percentage (0%) =	\$0.00
Total Amount Earned Less Retainage =	\$225,688.19
Total Previous Payments =	\$185,669.67
Total Amount Due This Estimate:	\$40,018.52

Recommended for Payment

Michael Kane

11/10/14

City Engineer: Michael J. Kane, P.E.

Date

City Job Number
2678

Account Number
501-619356-56310-2678000

Amount
\$40,018.52
Total \$40,018.52