

**Memorandum
Public Works Department**



To: City Manager
Subject: 13th Street Water Main, 5th Avenue to 7th Avenue, Project 2678
Date: October 7, 2014
Number: 2014-212

Langman Construction, Inc. is due payment #1 for the 13th Street Water Main, 5th Avenue to 7th Avenue, Project 2678 for services provided from September 2, 2014 through October 3, 2014.

Recommendation

The Public Works Department recommends that the City Council approve the payment to Langman Construction, Inc., in the amount of \$185,669.67.

Vendor: Langman Construction, Inc.
Payment Amount: \$185,669.67

| | | |
|---------------------|-------|--|
| 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

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 # 1
 Sept. 2, 2014 to Oct. 3, 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. | 0.0 | 1 | 1.0 | 25,000.00 | \$25,000.00 |
| 2 | Clearing and Grubing, Site Preparation | 1 | L.S. | 0.0 | 1 | 1.0 | \$5,000.00 | \$5,000.00 |
| 3 | Pavement Removal | 163 | SY | 0.0 | 154.2 | 154.2 | \$10.00 | \$1,542.00 |
| 4 | Sidewalk Removal | 310 | SF | 0.0 | 557 | 557.0 | \$1.00 | \$557.00 |
| 5 | Combination Curb & Gutter Removal | 110 | LF | 0.0 | 51 | 51.0 | \$5.00 | \$255.00 |
| 6 | Earth Excavation | 893 | CY | 0.0 | 893 | 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 | 0.0 | 100.2 | 100.2 | \$10.00 | \$1,002.00 |
| 9 | Temporary Aggregate Surfacing, 6" | 90 | SY | 0.0 | 0 | 0.0 | \$5.00 | \$0.00 |
| 10 | PCC, Pedestrian Curb Ramp | 75 | SF | 0.0 | 108 | 108.0 | \$25.00 | \$2,700.00 |
| 11 | PCC Sidewalk, 4" | 210 | SF | 0.0 | 449 | 449.0 | \$8.00 | \$3,592.00 |
| 12 | Combination Concrete Curb & Gutter | 110 | SY | 0.0 | 51 | 51.0 | \$35.00 | \$1,785.00 |
| 13 | HMA Binder Course, 2" | 90 | SY | 0.0 | 100.2 | 100.2 | \$28.00 | \$2,805.60 |
| 14 | HMA Surface Course, 2" | 90 | SY | 0.0 | 100.2 | 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 | 0.0 | 40 | 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 | 0 | \$5.00 | \$0.00 |
| 19 | Sooding | 80 | SY | 0.0 | 0 | 0 | \$8.00 | \$0.00 |
| 20 | Inlet And Pipe Protection | 1 | LS | 0.0 | 1 | 1 | \$200.00 | \$200.00 |
| 21 | Traffic Control and Protection | 1 | LS | 0.0 | 1 | 1 | \$2,000.00 | \$2,000.00 |
| 22 | Water Main, PVC, DR-14, 8" | 922 | FT | 0.0 | 922 | 922 | \$100.00 | \$92,200.00 |
| 23 | Water Main, PVC, DR-14, 6" | 35 | FT | 0.0 | 35 | 35 | \$85.00 | \$2,975.00 |
| 24 | Water Main, PVC, DR-14, 4" | 13 | FT | 0.0 | 13 | 13 | \$80.00 | \$1,040.00 |
| 25 | Gate Valve and Box, 8" | 6 | Each | 0.0 | 6 | 6 | \$1,200.00 | \$7,200.00 |
| 26 | Gate Valve and Box, 6" | 3 | Each | 0.0 | 6 | 6 | \$900.00 | \$5,400.00 |
| 27 | Gate Valve and Box, 4" | 1 | Each | 0.0 | 1 | 1 | \$800.00 | \$800.00 |
| 28 | Fire Hydrant Removal | 2 | Each | 0.0 | 2 | 2 | \$500.00 | \$1,000.00 |
| 29 | Fire Hydrant | 2 | Each | 0.0 | 2 | 2 | \$3,000.00 | \$6,000.00 |
| 30 | Bend, Class 350, DIP, MJ, 8", 1 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 | 0.0 | 4 | 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 | 0.0 | 10 | 10 | \$200.00 | \$2,000.00 |
| 34 | Bend, Class 350, DIP, MJ, 4", 90" HRJ | 1 | Each | 0.0 | 1 | 1 | \$150.00 | \$150.00 |
| 35 | Tee, Class 350, DIP, MJ, 10"x10"x8" | 1 | Each | 0.0 | 1 | 1 | \$575.00 | \$575.00 |
| 36 | Tee, Class 350, DIP, MJ, 8"x8"x8" | 2 | Each | 0.0 | 2 | 2 | \$400.00 | \$800.00 |
| 37 | Tee, Class 350, DIP, MJ, 8"x8"x6" | 5 | Each | 0.0 | 5 | 5 | \$400.00 | \$2,000.00 |
| 38 | Tee, Class 350, DIP, MJ, 6"x6"x4" | 1 | Each | 0.0 | 1 | 1 | \$350.00 | \$350.00 |
| 39 | Reducer, Class 350, DIP, MJ, 8" x 6" | 1 | Each | 0.0 | 1 | 1 | \$50.00 | \$50.00 |
| 40 | End Cap, Class 350, DIP, MJ, 10" | 2 | Each | 0.0 | 2 | 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 | 0.0 | 112 | 112 | \$200.00 | \$22,400.00 |
| 44 | Cut Existing 6" Water Main and Install End Cap, Class 350, DIP, MJ, 6" | 3 | Each | 0.0 | 3 | 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 | 0.0 | 4 | 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 | 0.0 | 20.0 | 20.0 | \$60.00 | \$1,200.00 |
| 49 | Trench Backfill | 600 | CY | 0.0 | 650 | 650 | \$0.01 | \$6.50 |
| 50 | Boring Pit, 30"x10' | 1 | Each | 0.0 | 1 | 1 | \$3,000.00 | \$3,000.00 |
| 51 | Receiving Pit, 30"x10' | 1 | Each | 0.0 | 1 | 1 | \$1,000.00 | \$1,000.00 |
| | | | | | | | Total | \$206,299.63 |

Total Amount of Pay Items = \$206,299.63
 Total Change Orders to Date = \$0.00
 Total Amount Earned to Date = \$206,299.63
 Retained Percentage (10%) = \$20,629.96
 Total Amount Earned Less Retainage = \$185,669.67
 Total Previous Payments = \$0.00
 Total Amount Due This Estimate: \$185,669.67

Recommended for Payment

Michael Kane 10/3/2014
 City Engineer: Michael J. Kane, P.E. Date

| | | |
|-------------------------|--|------------------------------|
| City Job Number 2678 | Account Number 501-619356-56310-2678000 | Amount \$185,669.67 |
| | | Total \$185,669.67 |

PO-004323

501-619356-56310-2678000