

**City of Palmer  
Action Memorandum No. 15-041**

**Subject:** Authorize the City Manager to Negotiate and Execute a Contract with Dirtworks, Inc. in the amount of \$1,993,777.20 for Construction of Sherrod Area Water and Street Improvements, Phase 3

**Agenda of: April 28, 2015**

**Council Action:** Amended and Authorized See minutes for the amendment

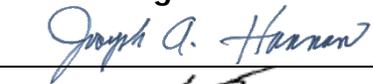
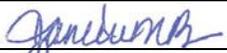
**Originator Information:**

**Originator:** City Manager Joe Hannan  
**Date:** April 9, 2015 **Requested agenda date:** April 28, 2015

**Department Information:**

Route to:	Department Director:	Signature:	Date:
	Community Development		
x	Finance		4/22/15
	Public Safety		
x	Public Works		4/20/15

**Approved for presentation by:**

	Signature:	Remarks:
City Manager		
City Attorney		
City Clerk		

**Certification of Funds:**

Total amount of funds listed in this legislation: \$ \_\_\_\_\_

This legislation (√):

Has no fiscal impact       Creates a positive impact in the amount of: \$ \_\_\_\_\_  
 Negative impact in the amount of: \$ 1,993,777.20

Funds are (√):

Budgeted      Line item(s): See list in Summary Statement, below  
 Not budgeted      Affected line item(s): \_\_\_\_\_

General fund assigned balance (after requested budget modification): \$ \_\_\_\_\_  
 Enterprise unrestricted net position (after requested budget modification): \$ \_\_\_\_\_  
 Director of Finance Signature: 

**Attachment(s):**

- Invitation to Bid
- Project Vicinity Map
- HDL Recommendation of Award dated April 21, 2015
- Bid Tabulation

**Summary statement:** This Action Memorandum authorizes the award of the contract to construct water utility and street improvements under the Sherrod Area Water and Street Improvements, Phase 3, project to Dirtworks, Inc. in the amount of \$1,993,777.20.

The City advertised the project for bid on April 2, with bids due at 2:00 p.m., April 21, 2015.

The project will replace old steel water mains on West and East Auklet Ave. between the Glenn Highway and the Alaska Railroad right-of-way, on N. Gulkana St. from E. Beaver Ave. to E. Dolphin St., and on E. Caribou Ave. between N. Valley Way and N. Gulkana St. The project will also extend the storm water collection system north on N. Gulkana St. from E. Beaver Ave. to E. Caribou Ave. and replace one street light on N. Gulkana St. The project will replace curb and gutter and pavement on E. Caribou Ave. and on N. Gulkana St. in the project area.

This project is the last phase of the City's multi-year program to replace all of the 1950s-era steel water mains.

Funding for the project is from the following sources:

Water Main Replacement

- |  |           |
|--|-----------|
| • State ADEC Grant No. 67118 (70%) (24-02-08-6225) | 3,000,000 |
| • Pending ADEC loan (30% match) (24-02-08-6225)    | 1,285,714 |

Storm Water and Street Improvements

Storm water and Street Improvements (non-ADEC eligible)	\$268,700.
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Additional funding sources:

- |  |         |
|--|---------|
| • State Grant No. 14-DC-126 (24-01-14-6225) (as of 22 April)         | 354,137 |
| • Capital Project Fund (08-01-10-7087)*                              | 87,000  |
| • Contractual Services, Public Works Administration (01-17-10-6030)* | 45,000  |
| • Contractual Services, Public Works Roads (01-17-40-6030)*          | 40,000  |
| • Road Salt and Sand (01-17-40-6066)*                                | 28,000  |

\* The balance of State Grant No. 14-DC-126 is not enough to cover all project costs for improvements not eligible for ADEC funding, such as storm water system and street light improvements. Therefore, it is necessary to identify a source of City funds totaling \$268,000 to pay for the cost of these improvements not covered by Grant No. 14-DC-126. These are the budgeted line items marked by asterisks. It is anticipated the 2014 audit will add funds to the end-of-year General Fund balance. The City Council will consider a 2015 budget amendment following approval of the audit to appropriate General Fund reserves to this project to pay for the street improvements and to restore any funds spent from the City budget line items marked by asterisks.

**Administration recommendation:** Authorize Action Memorandum No. 15-041.

**CITY OF PALMER**

**Invitation to Bid**

**Sherrod Area Water and Street Improvements, Phase 3**

**Description of Work:** This project includes the construction of approximately 3,600 LF of water system improvements and 3,000 LF of street improvements including curb, gutter, sidewalk, paving, street lighting and other related work as more fully described in the Contract Documents. Estimated base bid cost is between \$2.0M and \$2.25M.

Sealed bids, in single copy, for furnishing all labor, equipment and materials and performing all work for the above project are hereby invited. Bids will be opened publicly and read at Palmer City Hall, 231 W. Evergreen Avenue, Palmer, Alaska on **April 21, 2015 at 2:00pm**

A pre-bid meeting will be held at the above address on **April 7, 2015 at 10:00am** with a site visit to follow.

This is a bonded public works project. Contractors are required to be licensed by the City and State and shall comply with Title 36 and Davis-Bacon wage rates. A bid bond is required with each bid in the amount of 10% of the bid. Successful bidder will be required to provide a performance bond and a labor and material payment bond each in the amount equal to 100% of the contract price. This project is subject to MBE/WBE requirements.

Contract Documents will be available starting **March 31, 2015** in electronic format only. Documents may be downloaded at [www.cityofpalmer.org](http://www.cityofpalmer.org) or a CD may be picked up from Palmer Public Works at 1316 S. Bonanza Street, Palmer. There is no fee for Contract Documents.

For additional information contact the Palmer Public Works office at (907) 745-3400.

The City reserves the right to reject any or all bids and to waive irregularities or informalities in any of the bids when in its best interest.

Joe Hannan  
City Manager

B C D E F O

# SHERROD AREA WATER AND STREET IMPROVEMENTS PHASE 3

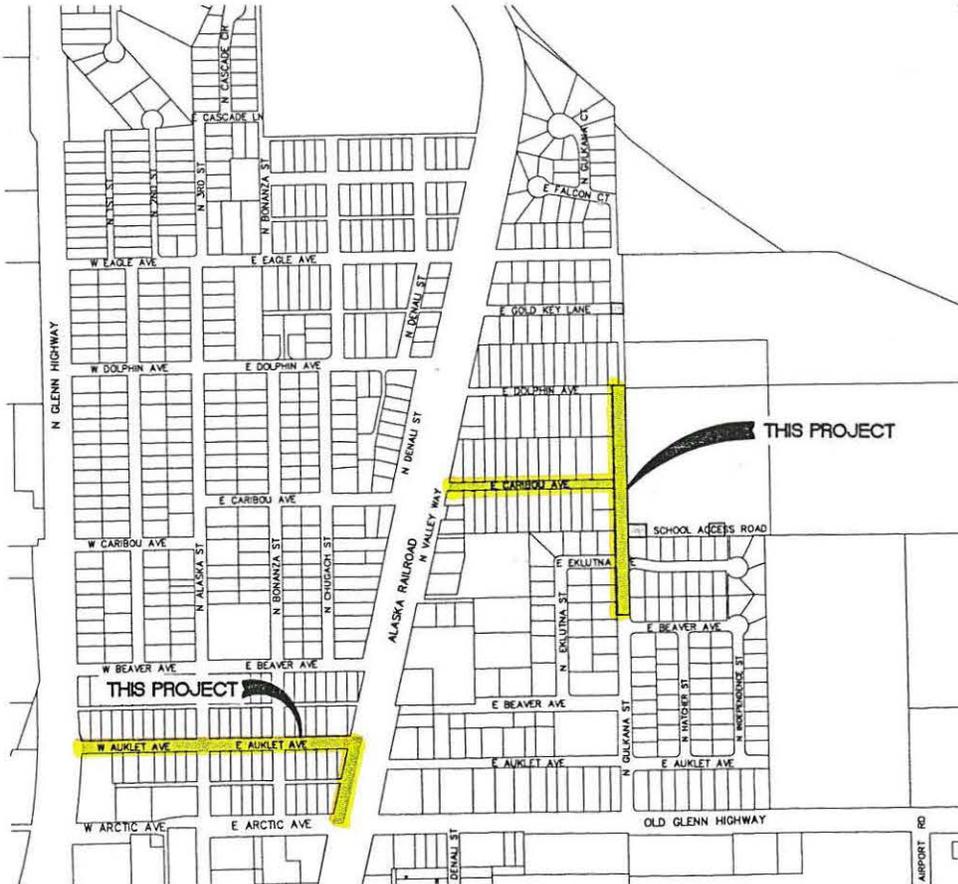


CITY OF PALMER  
PUBLIC WORKS DEPARTMENT

231 W. Evergreen Avenue  
Palmer, Alaska 99645  
(907) 745-3271



LOCATION MAP



VICINITY MAP

April 21, 2015

File No. 12-010

Tom Healy, Public Works Director  
City of Palmer  
231 West Evergreen Ave.  
Palmer, Alaska 99645

RE: Recommendation of Award  
Sherrod Area Water and Street Improvements, Phase 3

Dear Mr. Healy:

We have reviewed the bids submitted for the above-referenced project and have noted no bid irregularities. The bids are summarized below:

Rank	Company	Total Bid
1	Dirtworks Inc	\$1,993,777.20
2	Prosser-Dagg	\$1,999,818.00
	Engineer's Estimate	\$2,134,986.75

Based on the above summary, we recommend award of the contract to Dirtworks, Inc. of Palmer, Alaska.

Please call if you need anything further.

Sincerely,

HATTENBURG DILLEY & LINNELL



David Lundin, P.E./Principal  
Project Manager

Attach: Bid Tabulation

CIVIL  
ENGINEERING  
  
GEOTECHNICAL  
ENGINEERING  
  
TRANSPORTATION  
ENGINEERING  
  
ENVIRONMENTAL  
SERVICES  
  
PLANNING  
  
SURVEYING  
  
CONSTRUCTION  
ADMINISTRATION  
  
MATERIAL  
TESTING

**SHERROD AREA WATER & STREET IMPROVEMENTS, PHASE 3**

**Bid Tab**

Schedule A - BASE BID - Auklet, Gulkana and Caribou Water & Street Improvements

Bid Item No.	Item Description	Bid Quantity	Unit	Engineer's Estimate		Prosser-Dagg Construction		Dirtworks, Inc.	
				Unit Price	Bid Value	Unit Price	Bid Value	Unit Price	Bid Value
A-1	Clearing and Grubbing	1	LS	\$ 2,000.00	2,000.00	\$ 15,000.00	15,000.00	\$ 37,000.00	37,000.00
A-2	Unclassified Excavation	11,250	CY	\$ 12.00	135,000.00	\$ 12.00	135,000.00	\$ 12.65	142,312.50
A-3	Type II Classified Fill and Backfill	15,500	Ton	\$ 15.00	232,500.00	\$ 12.00	186,000.00	\$ 9.67	149,885.00
A-4	Type II-A Classified Fill and Backfill	4,750	Ton	\$ 18.00	85,500.00	\$ 18.00	85,500.00	\$ 14.00	66,500.00
A-5	Leveling Course	3,800	Ton	\$ 30.00	114,000.00	\$ 25.00	95,000.00	\$ 28.00	106,400.00
A-6	Trench Excavation & Backfill (Various depths for storm drain piping)	851	LF	\$ 45.00	38,295.00	\$ 88.00	74,888.00	\$ 31.50	26,806.50
A-7	Trench Excavation and Backfill (Various depths for water main)	3,559	LF	\$ 70.00	249,130.00	\$ 94.00	334,546.00	\$ 49.00	174,391.00
A-8	Remove Existing Sidewalk or Concrete Apron	875	SY	\$ 15.00	13,125.00	\$ 10.00	8,750.00	\$ 20.00	17,500.00
A-9	Remove Existing Curb and Gutter	3,050	LF	\$ 5.00	15,250.00	\$ 4.00	12,200.00	\$ 6.00	18,300.00
A-10	Remove Existing Pavement	9,250	SY	\$ 4.00	37,000.00	\$ 4.00	37,000.00	\$ 4.25	39,312.50
A-11	Remove Existing Leveling Course	8,800	SY	\$ 2.00	17,600.00	\$ 1.00	8,800.00	\$ 1.00	8,800.00
A-12	Geotextile (Separation)	8,250	SY	\$ 2.00	16,500.00	\$ 2.00	16,500.00	\$ 1.60	13,200.00
A-13	P.C.C. Curb and Gutter, Type 1, 3 & 4	2,500	LF	\$ 23.00	57,500.00	\$ 30.00	75,000.00	\$ 31.00	77,500.00
A-14	P.C.C. Curb and Gutter, Type 2	775	LF	\$ 25.00	19,375.00	\$ 34.00	26,350.00	\$ 35.00	27,125.00
A-15	P.C.C. Sidewalk 4" thick	690	SY	\$ 65.00	44,850.00	\$ 71.00	48,990.00	\$ 70.00	48,300.00
A-16	P.C.C. Sidewalk 6" thick	265	SY	\$ 65.00	17,225.00	\$ 88.00	23,320.00	\$ 92.00	24,380.00
A-17	P.C.C. Curb Ramp (With Detactable Warning Tile)	19	Each	\$ 2,500.00	47,500.00	\$ 2,600.00	49,400.00	\$ 4,000.00	76,000.00
A-18	A.C. Pavement (Class E)	1,200	Ton	\$ 125.00	150,000.00	\$ 114.00	136,800.00	\$ 110.00	132,000.00
A-19	Repair Sewer Service	11	Each	\$ 1,500.00	16,500.00	\$ 1,100.00	12,100.00	\$ 800.00	8,800.00
A-20	F&I 12" CMP, round, steel, galvanized	261	LF	\$ 25.00	6,525.00	\$ 15.00	3,915.00	\$ 35.00	9,135.00
A-21	F&I 18" CMP, round, steel, galvanized	659	LF	\$ 35.00	23,065.00	\$ 23.00	15,157.00	\$ 37.00	24,383.00
A-22	Construct Type 1 Manhole	4	Each	\$ 4,500.00	18,000.00	\$ 3,400.00	13,600.00	\$ 3,700.00	14,800.00
A-23	Construct Type 1 Catch Basin Manhole	2	Each	\$ 4,500.00	9,000.00	\$ 3,300.00	6,600.00	\$ 4,600.00	9,200.00
A-24	Construct Catch Basin	8	Each	\$ 3,800.00	30,400.00	\$ 3,400.00	27,200.00	\$ 3,800.00	30,400.00
A-25	Connect to Existing Storm Drain Manhole	1	Each	\$ 2,000.00	2,000.00	\$ 3,900.00	3,900.00	\$ 1,800.00	1,800.00
A-26	Culvert (12", CMP, Galvanized Steel, Round)	84	LF	\$ 15.00	1,260.00	\$ 66.00	5,544.00	\$ 50.00	4,200.00
A-27	Construct Infiltration Basin, Complete	1	Each	\$ 7,500.00	7,500.00	\$ 17,000.00	17,000.00	\$ 10,000.00	10,000.00
A-28	F&I 6" CL52 DIP Water Main	95	LF	\$ 100.00	9,500.00	\$ 1.00	95.00	\$ 200.00	19,000.00
A-29	F&I 8" CL52 DIP Water Main	2,399	LF	\$ 45.00	107,955.00	\$ 1.00	2,399.00	\$ 37.00	88,763.00
A-30	F&I 10" CL52 DIP Water Main	1,091	LF	\$ 40.00	43,640.00	\$ 1.00	1,091.00	\$ 53.00	57,823.00
A-31	F&I 6" Gate Valve, Valve Box and Marker	4	Each	\$ 2,000.00	8,000.00	\$ 1,500.00	6,000.00	\$ 1,150.00	4,600.00
A-32	F&I 8" Gate Valve, Valve Box and Marker	6	Each	\$ 2,000.00	12,000.00	\$ 1,500.00	9,000.00	\$ 1,100.00	6,600.00
A-33	F&I 10" Gate Valve, Valve Box and Marker	12	Each	\$ 2,500.00	30,000.00	\$ 1,700.00	20,400.00	\$ 1,450.00	17,400.00
A-34	F&I Fire Hydrant Assembly (Single Pumper)	8	Each	\$ 3,500.00	28,000.00	\$ 5,000.00	40,000.00	\$ 4,600.00	36,800.00
A-35	F&I 1" Water Service Line	53	Each	\$ 4,500.00	238,500.00	\$ 2,800.00	148,400.00	\$ 2,750.00	145,750.00
A-36	F&I 6" Water Service Line	1	Each	\$ 6,500.00	6,500.00	\$ 5,900.00	5,900.00	\$ 5,600.00	5,600.00
A-37	Polyethylene Encasement (water)	3,585	LF	\$ 0.75	2,688.75	\$ 5.00	17,925.00	\$ 3.50	12,547.50
A-38	Remove Fire Hydrant Assembly	5	Each	\$ 1,500.00	7,500.00	\$ 1,100.00	5,500.00	\$ 1,850.00	9,250.00
A-39	Temporary Water System Complete	1	LS	\$ 40,000.00	40,000.00	\$ 84,500.00	84,500.00	\$ 72,000.00	72,000.00

**SHERROD AREA WATER & STREET IMPROVEMENTS, PHASE 3**

**Bid Tab**

Schedule A - BASE BID - Auklet, Gulkana and Caribou Water & Street Improvements

Bid Item No.	Item Description	Bid Quantity	Unit	Engineer's Estimate		Prosser-Dagg Construction		Dirtworks, Inc.	
				Unit Price	Bid Value	Unit Price	Bid Value	Unit Price	Bid Value
A-40	Construction Survey Measurement	1	LS	\$ 32,500.00	32,500.00	\$ 43,000.00	43,000.00	\$ 60,000.00	60,000.00
A-41	Adjust Manhole Cone	2	Each	\$ 2,000.00	4,000.00	\$ 1,600.00	3,200.00	\$ 1,800.00	3,600.00
A-42	Adjust Manhole Ring	5	Each	\$ 500.00	2,500.00	\$ 500.00	2,500.00	\$ 500.00	2,500.00
A-43	Remove Existing Catch Basin	1	Each	\$ 500.00	500.00	\$ 800.00	800.00	\$ 900.00	900.00
A-44	Remove Existing Manhole	1	Each	\$ 1,000.00	1,000.00	\$ 1,200.00	1,200.00	\$ 1,000.00	1,000.00
A-45	Insulation Board, 4" thick, R 4.5 per Inch	4,052	SF	\$ 3.50	14,182.00	\$ 4.00	16,208.00	\$ 3.00	12,156.00
A-46	Painted Traffic Markings, 4", White	730	LF	\$ 0.50	365.00	\$ 2.00	1,460.00	\$ 1.30	949.00
A-47	Painted Traffic Markings, 4", Yellow	1,912	LF	\$ 0.50	956.00	\$ 1.00	1,912.00	\$ 0.95	1,816.40
A-48	Painted Traffic Markings, 24", White	473	LF	\$ 5.00	2,365.00	\$ 5.00	2,365.00	\$ 4.60	2,175.80
A-49	Painted Traffic Markings, 12", Red (Curb)	110	LF	\$ 10.00	1,100.00	\$ 9.00	990.00	\$ 10.00	1,100.00
A-50	Standard Sign	168	SF	\$ 75.00	12,600.00	\$ 76.00	12,768.00	\$ 114.00	19,152.00
A-51	Salvage Sign	19	Each	\$ 150.00	2,850.00	\$ 150.00	2,850.00	\$ 240.00	4,560.00
A-52	Traffic Maintenance	1	LS	\$ 25,000.00	25,000.00	\$ 20,000.00	20,000.00	\$ 37,000.00	37,000.00
A-53	Traffic Price Adjustment	1	CS	\$ -	0.00	\$ -	0.00	\$ -	0.00
A-54	Relocate Existing Mailbox	11	Each	\$ 400.00	4,400.00	\$ 200.00	2,200.00	\$ 650.00	7,150.00
A-55	Remove Pipe (Existing Storm Drain or Culvert)	103	LF	\$ 15.00	1,545.00	\$ 45.00	4,635.00	\$ 23.00	2,369.00
A-56	Storm Water Pollution Prevention Plan	1	LS	\$ 25,000.00	25,000.00	\$ 10,000.00	10,000.00	\$ 27,000.00	27,000.00
A-57	Topsoil at 4" depth	45	1,000 SF	\$ 550.00	24,750.00	\$ 700.00	31,500.00	\$ 395.00	17,775.00
A-58	Seeding, Schedule A Mix	45	1,000 SF	\$ 250.00	11,250.00	\$ 150.00	6,750.00	\$ 88.00	3,960.00
A-59	Modular Concrete Wall	100	SF	\$ 65.00	6,500.00	\$ 60.00	6,000.00	\$ 40.00	4,000.00
A-60	Trench and Backfill (Width and depth as required per plans for electrical)	240	LF	\$ 20.00	4,800.00	\$ 12.00	2,880.00	\$ 8.00	1,920.00
A-61	Driven Pile Luminaire Pole Foundation	1	Each	\$ 4,200.00	4,200.00	\$ 2,200.00	2,200.00	\$ 2,000.00	2,000.00
A-62	28 Ft. Fixed Base Luminaire Pole, Owner Furnished	1	Each	\$ 2,000.00	2,000.00	\$ 600.00	600.00	\$ 740.00	740.00
A-63	Luminaire Arm 13 Ft. Length, Owner Furnished	1	Each	\$ 250.00	250.00	\$ 270.00	270.00	\$ 740.00	740.00
A-64	2" HDPE Conduit	240	LF	\$ 20.00	4,800.00	\$ 14.00	3,360.00	\$ 5.00	1,200.00
A-65	Type IA Junction Box	1	Each	\$ 750.00	750.00	\$ 600.00	600.00	\$ 750.00	750.00
A-66	Conductor, 3C #8 AWG	240	LF	\$ 6.00	1,440.00	\$ 10.00	2,400.00	\$ 5.00	1,200.00
A-67	Luminaire (93W) (Medium) (Cutoff) (Type 3)	1	Each	\$ 2,500.00	2,500.00	\$ 1,900.00	1,900.00	\$ 1,500.00	1,500.00
<b>Calculated Schedule A Base Bid Total</b>				\$ 2,134,986.75		\$ 1,999,818.00		\$ 1,993,777.20	
<b>As-submitted Schedule A Base Bid Total</b>				\$ 2,134,986.75		\$ 1,999,818.00		\$ 1,993,777.20	
<b>Difference Base Bid</b>				\$ -		\$ -		\$ -	
<b>Acknowledged Addenda</b>				-		Yes		Yes	
<b>Bid Proposal signed</b>				-		Yes		Yes	
<b>10% Bid Bond</b>				-		Yes		Yes	
<b>Bidder Qualification Form</b>				-		Yes		Yes	
<b>Interested Bidders List Collection Form</b>				-		Yes		Yes	
<b>DBE Compliance Statement</b>				-		Yes		Yes	
<b>DBE Form 6100-3 (from each intended DBE subcontractor)</b>				-		Yes		Yes	
<b>DBE Form 6100-4</b>				-		Yes		Yes	