

Memorandum



TO: Brad Kluczynski - Manager
FROM: Joseph Slonecki, PE – Assistant County Highway Engineer
DATE: September 18, 2019
SUBJECT: **Bid Recommendation for Eaglehurst Subdivision SAD**

Bids were received on September 17, 2019 for Eaglehurst Subdivision.

Two companies submitted bids (Elmer's Crane & Dozer, Inc. and Rieth-Riley Construction Co., Inc.). Based on review of the submitted bids and supporting documentation, staff recommends the project be awarded to Elmer's Crane & Dozer, Inc. for 2019 construction.

Bid Summary Table

| Contractor | Base Bid (2019) | Alternative Bid (2020) |
|------------------------------------|-----------------|------------------------|
| Elmer's Crane & Dozer, Inc. | \$132,728.00 | \$146,469.00 |
| Rieth-Riley Construction Co., Inc. | No Bid | \$162,322.50 |

Project Cost Summary

| Item | Estimated | Actual |
|------------------------|---------------------|-----------------------|
| Construction | \$120,349.00 | \$132,728 (Bid Cost) |
| Design | \$12,000.00 | \$1,147.04 |
| Construction Oversight | \$12,000.00 | \$12,000.00* |
| Total | \$144,349.00 | \$145,875.04** |

* Construction Oversight is to be performed during construction with GTCRC Staff. Estimate cost is typical estimate of 10% of construction estimate.

** Total cost is estimate as contract is a unit price contract, final construction costs could vary.

As-bid construction costs came in at 10.3% over the Engineer's Construction Estimate.

Proposed construction total with actual design fees is 1.06% over Estimated construction cost.

Staff does not anticipate cost savings if project was delayed and rebid for the 2020 construction season. Staff will work with the contractor for potential cost savings during construction, as site conditions have been altered due to completed utility work by Garfield Township.

Please find the bid tabulation attached below:

Elmer's Crane & Dozer, Inc.

Base Bid (2019 Construction)

| Item | Qty | Unit | Unit Price | Extended Price |
|---------------------------------|-------|------|------------|----------------|
| Trenching | 29 | Sta | \$350.00 | \$10,150.00 |
| Machine Grading | 29 | Sta | \$825.00 | \$23,925.00 |
| HMA, 4E1 | 560 | Ton | \$70.00 | \$39,200.00 |
| HMA, 5E1 | 420 | Ton | \$82.50 | \$34,650.00 |
| Aggregate Base | 415 | Ton | \$14.00 | \$5,810.00 |
| Class II Shoulder | 75 | Ton | \$45.00 | \$3,375.00 |
| Pavt, Rem | 50 | Syd | \$15.00 | \$750.00 |
| Driveway, NonReinf Conc, 6 inch | 50 | Syd | \$145.00 | \$7,250.00 |
| Pavt for Butt Joints, Rem | 267 | Syd | \$4.00 | \$1,068.00 |
| Slope Restoration, Type C | 1,600 | Syd | \$4.00 | \$6,400.00 |
| Post, Mailbox | 1 | Ea | \$150.00 | \$150.00 |
| Total Project Amount | | | | \$132,728.00 |

Alternative Bid (2020 Construction)

| Item | Qty | Unit | Unit Price | Extended Price |
|---------------------------------|-------|------|------------|----------------|
| Trenching | 29 | Sta | \$385.00 | \$11,165.00 |
| Machine Grading | 29 | Sta | \$910.00 | \$26,390.00 |
| HMA, 4E1 | 560 | Ton | \$77.00 | \$43,120.00 |
| HMA, 5E1 | 420 | Ton | \$91.00 | \$38,220.00 |
| Aggregate Base | 415 | Ton | \$15.50 | \$6,432.50 |
| Class II Shoulder | 75 | Ton | \$50.00 | \$3,750.00 |
| Pavt, Rem | 50 | Syd | \$16.50 | \$825.00 |
| Driveway, NonReinf Conc, 6 inch | 50 | Syd | \$160.00 | \$8,000.00 |
| Pavt for Butt Joints, Rem | 267 | Syd | \$4.50 | \$1,201.50 |
| Slope Restoration, Type C | 1,600 | Syd | \$4.50 | \$7,200.00 |
| Post, Mailbox | 1 | Ea | \$165.00 | \$165.00 |
| Total Project Amount | | | | \$146,469.00 |

Base Bid (2019 Construction)

| Item | Qty | Unit | Unit Price | Extended Price |
|---------------------------------|-------|------|------------|----------------|
| Trenching | 29 | Sta | | 0 |
| Machine Grading | 29 | Sta | | 0 |
| HMA, 4E1 | 560 | Ton | | 0 |
| HMA, 5E1 | 420 | Ton | | 0 |
| Aggregate Base | 415 | Ton | | 0 |
| Class II Shoulder | 75 | Ton | | 0 |
| Pavt, Rem | 50 | Syd | | 0 |
| Driveway, NonReinf Conc, 6 inch | 50 | Syd | | 0 |
| Pavt for Butt Joints, Rem | 267 | Syd | | 0 |
| Slope Restoration, Type C | 1,600 | Syd | | 0 |
| Post, Mailbox | 1 | Ea | | 0 |
| Total Project Amount | | | | NO BID |

Alternative Bid (2020 Construction)

| Item | Qty | Unit | Unit Price | Extended Price |
|---------------------------------|-------|------|------------|----------------|
| Trenching | 29 | Sta | \$825.00 | \$23,925.00 |
| Machine Grading | 29 | Sta | \$525.00 | \$15,225.00 |
| HMA, 4E1 | 560 | Ton | \$95.00 | \$53,200.00 |
| HMA, 5E1 | 420 | Ton | \$105.00 | \$44,100.00 |
| Aggregate Base | 415 | Ton | \$17.50 | \$7,262.50 |
| Class II Shoulder | 75 | Ton | \$55.00 | \$4,125.00 |
| Pavt, Rem | 50 | Syd | \$25.00 | \$1,250.00 |
| Driveway, NonReinf Conc, 6 inch | 50 | Syd | \$50.00 | \$2,500.00 |
| Pavt for Butt Joints, Rem | 267 | Syd | \$10.00 | \$2,670.00 |
| Slope Restoration, Type C | 1,600 | Syd | \$5.00 | \$8,000.00 |
| Post, Mailbox | 1 | Ea | \$65.00 | \$65.00 |
| Total Project Amount | | | | \$162,322.50 |