

**REGULAR MEETING OF THE BOARD OF PUBLIC WORKS AND SAFETY  
CITY OF ELWOOD, MADISON COUNTY, INDIANA  
COUNCIL CHAMBERS, MUNICIPAL BUILDING  
NOVEMBER 19, 2014 4:30PM**

Meeting called to order by Mayor Arnold followed by a prayer. Member present: Albert McPhearson. Member absent: Merrill Taylor. City attorney, Jim Wilson, was present for the meeting.

Minutes from the October 15, 2014 regular meeting and the November 5, 2014 regular meeting were presented to the board for approval. McPhearson made a motion to approve the minutes as written; seconded by Arnold. All in favor.

Claims for the city and utilities were presented to the board for approval. The November claims totaled \$974,418.29. McPhearson made a motion to accept the claims for payment; seconded by Arnold. All in favor.

Additional claims were presented to the board for the ERC. Claims included Central Indiana Siding for \$10,000.00, Harvest Land Co-op for \$72.84 and Elwood Utilities for \$14.32. McPhearson made a motion to accept the additional claims contingent on ERC approval; seconded by Arnold. All in favor.

Utility Foreman, Glen Murray approached the board regarding a roof leak at the South B Street plant. Murray obtained a second quote from Fredrick's in the amount of \$8,200.00 which is less than the original quote from Elite Construction. McPhearson made a motion to use Fredrick's for the project; seconded by Arnold. All in favor.

Fire Chief, Brad Compton approached the board concerning the purchase of two Panasonic tuff books for the ambulance. The cost of the tuff books should be around \$7,000.00 and Compton hopes to be up and running by December 19, 2014. Arnold made a motion to purchase the tuff books at a price not to exceed \$7,500.00; seconded by McPhearson. All in favor.

Christmas committee member, Lisa Gustin presented an amended invoice in the amount of \$1,600.00 for the carriage rides to be paid out of donations. Gustin stated there was an error in the original figures. Gustin also stated Warner Bodies will be donating the \$1,600.00 to cover the cost. Arnold made a motion to pay the amended invoice; seconded by McPhearson. All in favor.

Christmas committee member, Lori Nutt presented a draft of the ad that will run in the Elwood, Alexandria and Tipton papers for the Light up the Magic events at a cost of \$1,500.00. This ad will also be made into posters by the school at a cost not to exceed \$30.00. The funds for this will come from donations. Arnold made a motion to allow the ad and posters at a cost not to exceed \$1,600.00; seconded by McPhearson. All in favor

Utility adjustments were presented to the board for approval. Water adjustments totaled \$1,651.91, Wastewater totaled \$3,035.00, and Trash totaled \$249.90 for a total of \$4,936.81. Arnold made a motion to accept the adjustments; seconded by McPhearson. All in favor.

City Attorney, Jim Wilson presented a donation of property located at 1407 South J Street. Well Fargo Bank would like to donate this property to the city along with \$7,500.00. Arnold made a motion to accept the donation; seconded by McPhearson. All in favor.

Arnold questioned if the ad had been placed to take bids on the old recycle truck. Clerk-Treasurer, Allison Atwood stated per her conversation with the street commissioner it had not been done. Arnold made a motion to allow the city attorney to post the legal notice with bids being accepted for the December 17, 2014 meeting.

An agreement between Keystone Software and the Elwood Utilities in the amount of \$275.00 for annual disaster software recovery was presented to the board for approval. McPhearson made a motion to accept the agreement; seconded by Arnold. All in favor.

Christmas committee member, Tammy Creech-Lane approached the board regarding Quincy Brass Band playing before the lighting ceremony at a cost of \$200.00 to be paid out of donations. McPhearson made a motion to allow the band to play; seconded by Arnold. All in favor.

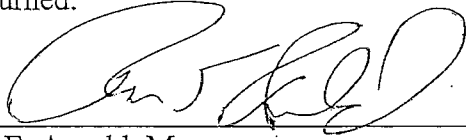
James Frazell, representing Triad Associates, Inc., presented the Wastewater Treatment Plant Project bids as follows:

|                              |                |
|------------------------------|----------------|
| Building Crafts, Inc.        | \$5,208,000.00 |
| Thieneman Construction, Inc. | \$5,374,000.00 |
| Robert E. Crosby, Inc.       | \$5,585,578.00 |
| M.K. Betts Engineering, Inc. | \$5,802,600.00 |
| R. L. Turner Corporation     | \$5,852,000.00 |
| Kokosing Construction Co.    | \$6,651,500.00 |

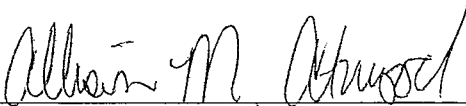
Frazell recommended to the board they award the project to Building Crafts, Inc. McPhearson made a motion to allow mayor to sign notice of tentative award to Building Crafts, Inc.; seconded by Arnold. All in favor.

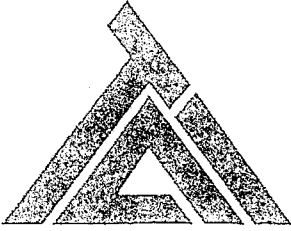
Arnold made a motion to sign amendment #4 to the preliminary engineering report for the Wastewater Plant Project; seconded by McPhearson. All in favor.

McPhearsen made a motion to adjourn; seconded by Arnold. All in favor; meeting adjourned.



\_\_\_\_\_  
Ron E. Arnold, Mayor

ATTEST:  \_\_\_\_\_  
Allison M. Atwood, Clerk-Treasurer



# TRIAD ASSOCIATES, INC.

ENGINEERING • ARCHITECTURE

5835 LAWTON LOOP EAST DRIVE, INDIANAPOLIS, IN 46216-1064

TELEPHONE: (317) 377-5230

FAX: (317) 377-5241

WEBSITE: [www.triadassoc.net](http://www.triadassoc.net) • E-MAIL: [triad@triadassoc.net](mailto:triad@triadassoc.net)

November 19, 2014

Board of Works  
City of Elwood  
1505 South B Street  
Elwood, Indiana 46036

Re: Wastewater Treatment Plant Improvements Project  
Elwood, Indiana  
Letter of Recommendation

Dear Members,

By means of this letter, I am providing you with the original Contractor Bids received on the above referenced project on November 6, 2014, as well as a Certified Bid Tabulation. A total of six (6) contractors submitted bids for the project. The bids ranged from a low of \$5,208,000 to a high of \$6,651,500. The engineer's estimate was \$6,100,000.

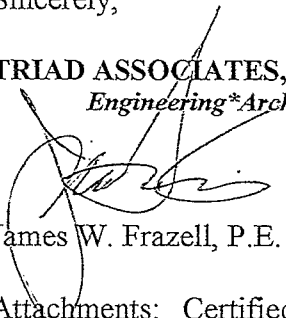
We have reviewed each of the bids and researched the history of the apparent low bidder, Building Crafts, Inc. Based upon our review of the bids, we have determined that Building Crafts, Inc. is the lowest responsible and responsive bidder.

Based upon our review, we would recommend that Ozonia is utilized for the UV equipment in the amount of \$507,000, instead of the amount of \$501,000, based on Glasco Equipment. Since this difference is \$6,000, we recommend that a tentative award of contract be made to Building Crafts, Inc. in the amount of \$5,214,000 for this project, subject to the State Revolving Fund approval.

Should you have any questions concerning the bids, or this recommendation, please feel free to contact us at any time.

Sincerely,

TRIAD ASSOCIATES, INC.  
*Engineering\*Architecture*

  
James W. Frazell, P.E.

Attachments: Certified Bid Tabulation  
Original Contractor Bids

*Put w/minutes*

ELWOOD, INDIANA  
WASTEWATER TREATMENT PL

BID DATE: 11/6/2014  
 BID TIME: 3:00 P.M.  
 BID OPENING: 11/6/2014

OWNER: C  
1  
E

| ITEM           | ENGINEER<br>ESTIMATE | Building Crafts, Inc. |
|----------------|----------------------|-----------------------|
| Bid Bond       |                      | yes                   |
| Form # 96      |                      | yes                   |
| Proposal Form  |                      | yes                   |
| Addendum No. 1 |                      | yes                   |
| Addendum No. 2 |                      | yes                   |
|                |                      |                       |

| DESCRIPTION   | ENGINEER<br>ESTIMATE  | COST                  |
|---|-----------------------|-----------------------|
| 1. Mobilization, Bonds, Insurance, General Conditions                         |                       | \$305,000.00          |
| 2. Existing Headworks Equipment Removal                                       |                       | \$17,000.00           |
| 3. New Influent Fine Screen Complete  |                       | \$281,000.00          |
| 4. New Raw Influent Pumps Installed   |                       | \$221,000.00          |
| 5. Pipe, Valves, Fittings Complete in the Raw Influent Pump Galley            |                       | \$93,000.00           |
| 6. Conversion of Center EQ Tanks to Aeration Basins                           |                       | \$129,000.00          |
| 7. New Aeration Basin Blowers Installed                                       |                       | \$257,000.00          |
| 8. Fine Bubble Aeration Grid, Diffusers, Air Supply Piping in Aeration Basins |                       | \$112,000.00          |
| 9. New Submersible Transfer Pumps/Piping in Existing EQ Basins Complete       |                       | \$39,000.00           |
| 10. New Clarifier Influent Flow Splitter Box Complete                         |                       | \$116,000.00          |
| 11. New Clarifiers Complete   |                       | \$1,222,000.00        |
| 12. Clarifier Effluent Splitter Box Complete                                  |                       | \$57,000.00           |
| 13. New UV Disinfection Structure, Equipment Electrical, Shelter Complete     |                       | \$501,000.00          |
| 14. New Effluent Flow Metering Structure and Equipment Complete               |                       | \$32,000.00           |
| 15. New Re-Aeration Structure and Equipment Complete                          |                       | \$111,000.00          |
| 16. New Chemical Feed System and Building Complete                            |                       | \$97,000.00           |
| 17. New RAS/WAS Pumping Facility  |                       | \$195,000.00          |
| 18. Conversion of Existing Digesters  |                       | \$96,000.00           |
| 19. Blowers with VFDs and aeration grid and diffusers in the digesters        |                       | \$62,000.00           |
| 20. Yard Piping, Manholes, Water Lines  |                       | \$849,000.00          |
| 21. Lab Room Expansion Complete   |                       | \$21,000.00           |
| 22. Site Work Complete  |                       | \$395,000.00          |
| <b>TOTAL LUMP SUM BID</b>   | <b>\$6,100,000.00</b> | <b>\$5,208,000.00</b> |

James W. Frazell, P.E.  
 State of Indiana - 17208



11/12/14

**VT PROJECT**

of Elwood  
5 South B Street  
od, IN 46036

**ENGINEER:** Triad Associates, Inc.  
5835 Lawton Loop E Drive  
Indianapolis, IN 46216

| <b>Thieneman Construction, Inc.</b> | <b>Robert E. Crosby, Inc.</b> | <b>M.K. Betts Engineering and Constrcting, Inc.</b> | <b>R. L. Turner Corporation</b> | <b>Kokosing Construction Company</b> |
|-------------------------------------|-------------------------------|---|---------------------------------|--------------------------------------|
| yes                                 | yes                           | yes   | yes                             | yes                                  |
| yes                                 | yes                           | yes   | yes                             | yes                                  |
| yes                                 | yes                           | yes   | yes                             | yes                                  |
| yes                                 | yes                           | yes   | yes                             | yes                                  |
| yes                                 | yes                           | yes   | yes                             | yes                                  |
|                                     |                               |   |                                 |                                      |
|                                     |                               |   |                                 |                                      |

| <b>COST</b>           | <b>COST</b>              | <b>COST</b>           | <b>COST</b>           | <b>COST</b>           |
|-----------------------|--------------------------|-----------------------|-----------------------|-----------------------|
| \$200,000.00          | \$322,213.00             | \$142,000.00          | \$1,010,500.00        | \$700,000.00          |
| \$10,000.00           | \$103,677.00             | \$18,100.00           | \$15,000.00           | \$12,500.00           |
| \$273,000.00          | \$248,878.00             | \$338,900.00          | \$275,000.00          | \$250,000.00          |
| \$295,000.00          | \$616,280.00             | \$257,400.00          | \$220,000.00          | \$265,000.00          |
| \$90,000.00           | \$66,675.00              | \$100,800.00          | \$175,000.00          | \$110,000.00          |
| \$74,000.00           | \$67,845.00              | \$151,100.00          | \$100,000.00          | \$97,000.00           |
| \$190,000.00          | \$85,821.00              | \$240,800.00          | \$150,000.00          | \$410,000.00          |
| \$163,000.00          | \$84,000.00              | \$98,500.00           | \$400,000.00          | \$205,000.00          |
| \$60,000.00           | \$84,578.00              | \$33,900.00           | \$25,000.00           | \$40,000.00           |
| \$83,000.00           | \$61,163.00              | \$174,400.00          | \$100,000.00          | \$66,000.00           |
| \$1,077,000.00        | \$1,800,760.00           | \$1,763,400.00        | \$800,000.00          | \$1,898,000.00        |
| \$67,000.00           | \$6,300.00               | \$27,600.00           | \$100,000.00          | \$185,000.00          |
| \$571,000.00          | \$585,474.00             | \$769,000.00          | \$554,500.00          | \$750,000.00          |
| \$10,000.00           | \$17,535.00              | \$19,600.00           | \$25,000.00           | \$70,000.00           |
| \$4,000.00            | \$18,375.00              | \$36,800.00           | \$200,000.00          | \$30,000.00           |
| \$126,000.00          | \$149,885.00             | \$99,800.00           | \$75,000.00           | \$80,000.00           |
| \$271,000.00          | \$292,699.00             | \$361,300.00          | \$217,000.00          | \$385,000.00          |
| \$381,000.00          | \$100,022.00             | \$154,800.00          | \$150,000.00          | \$170,000.00          |
| \$128,000.00          | \$52,637.00              | \$100,500.00          | \$175,000.00          | \$85,000.00           |
| \$933,000.00          | \$667,800.00             | \$822,000.00          | \$1,000,000.00        | \$685,000.00          |
| \$23,000.00           | \$22,897.00              | \$20,600.00           | \$10,000.00           | \$35,000.00           |
| \$345,000.00          | \$130,064.00             | \$71,300.00           | \$75,000.00           | \$123,000.00          |
| <b>\$5,374,000.00</b> | <b>\$5,585,578.00</b>    | <b>\$5,802,600.00</b> | <b>\$5,852,000.00</b> | <b>\$6,651,500.00</b> |
|                       | proposal: \$5,585,484.00 |                       |                       |                       |