

**REGULAR PIQUA CITY COMMISSION MEETING
TUESDAY, FEBRUARY 3, 2015
7:30 P.M. – COMMISSION CHAMBER – 2nd FLOOR
201 WEST WATER STREET
PIQUA, OHIO 45356**

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL

REGULAR CITY COMMISSION MEETING

CONSENT AGENDA

1. APPROVAL OF MINUTES
Approval of the minutes from the January 20, 2015 Regular Piqua City Commission Meeting

OLD BUSINESS

2. ORD. NO. 1-15 (2nd Reading)
An Ordinance amending Chapter 50 of the Piqua code, relating to garbage and refuse
3. ORD. NO. 2-15 (2nd Reading)
An Ordinance authorizing the issuance of \$165,000 of Bonds for the purpose of paying part of the cost of a building known as the Zollinger Building and associated interests in real property

NEW BUSINESS

4. ORD. NO. 3-15 (1st Reading)
An Ordinance amending Section 77.01 – Traffic Schedules Adopted, Schedule IV and Schedule VII of the Piqua Code, relating to four-way stop intersections and traffic control devices
5. RES. NO. R-20-15
A Resolution requesting authorization to enter into an agreement with Bowser-Morner, Inc. for the testing and observation services for the new Water Treatment Plant project
6. RES. NO. R-21-15
A Resolution acquiring the services of Power System Engineering, Inc. to provide Professional Engineering Services for the City
7. RES. NO. R-22-15
A Resolution awarding a contract to Niagara Transformer Corporation for the purchase of a transformer for the Power System
8. RES. NO. R-23-15
A Resolution awarding a contract to Ermco for the purchase of transformers for the Power System

PUBLIC COMMENT

(This is an opportunity for citizens to address the City Commission regarding issues or to provide information. Comments are requested to be limited to five (5) minutes and specific questions should be addressed to the City Manager's office.)

CITY MANAGER'S REPORT

COMMISSIONERS COMMENT

ADJOURNMENT

**MINUTES
PIQUA CITY COMMISSION
Tuesday, January 20, 2015 7:30 P.M.**

Piqua City Commission met at 7:30 P.M. in the Municipal Government Complex Commission Chambers located at 201 W. Water Street. Mayor Fess called the meeting to order. Also present were Commissioners Terry, Wilson, and Martin. Absent: Commissioner Vogt.

Moved by Commissioner Martin, seconded by Commissioner Terry, to excuse Commissioner Vogt from the Regular City Commission Meeting. Voice vote, Aye: Martin, Wilson, Terry, and Fess. Nay, None.

OATH OF OFFICE – PIQUA FIRE DEPARTMENT

ASSISTANT FIRE CHIEF – JONATHAN A. STEVENS

Law Director Stacy Wall administered the Oath of Office of Assistant Fire Chief to Jonathan A. Stevens.

**OATH OF OFFICE – PIQUA FIRE DEPARTMENT
FIRE CAPTAIN – TIMOTHY S. RISNER**

Law Director Stacy Wall administered the Oath of Office of Fire Captain to Timothy S. Risner.

REGULAR CITY COMMISSION MEETING

Consent Agenda

Approval of Minutes

Approval of the minutes from the January 6, 2015 Regular Piqua City Commission Meeting.

RES. NO. R-8-15

A Resolution of Appreciation for the public service of Michael A. Peltier as City Employee

Mayor Fess read the proclamation and presented it to Mr. Peltier.

Mr. Peltier provided a brief overview of his employment with the various City Managers, Fire Chief's, and Officers he served under and with over his 30 years of service. Mr. Peltier thanked the City of Piqua for the support and leadership, and also his family for their support with him being away from home on holidays and birthdays the last 30 years. Piqua is a great community, and I am glad I was given the opportunity to serve the citizens of Piqua, stated Mr. Peltier.

Public Comment

No one came forward to speak for or against Resolution No. R-8-15.

Moved by Commissioner Martin, seconded by Commissioner Terry, that Resolution No. R-8-15 be adopted. Voice vote, Aye: Wilson, Terry, Martin, and Fess. Nay, None. Motion carried unanimously.

Moved by Commissioner Terry, seconded by Commissioner Martin, to approve the Consent Agenda. Voice vote, Aye: Martin, Fess, Terry, and Wilson. Nay: None. Motion carried unanimously

Moved by Commissioner Martin, seconded by Commissioner Terry, to adjourn into Executive Session at 7:40 P.M. to consider the purchase or sale of property for public purposes. Roll call, Aye: Martin, Fess, Wilson, and Terry. Nay: None. Motion carried unanimously.

EXECUTIVE SESSION

Move to Executive Session to consider the purchase or sale of property for public purposes.

Moved by Commissioner Martin, seconded by Commissioner Terry, to adjourn from Executive Session at 8:15 P.M. Voice vote, Aye: Martin, Fess, Wilson, and Terry. Nay: None.

Moved by Commissioner Terry, seconded by Commissioner Martin convene as the Regular City Commission Meeting. Voice vote, Aye: Martin, Fess, Wilson, and Terry. Nay: None.

NEW BUSINESS

ORD. NO. 1-15 (1st Reading)

An Ordinance amending Chapter 50 of the Piqua Code, relating to garbage and refuse

Amy Welker, Director of Health & Sanitation provided the Staff Report.

Ordinance No. 1-1-5 cleans up the language and aligns with current adding language to prepare for the addition of curbside recycling as a service that will be offered by the Sanitation Department. The changes do not include any additional rate adjustments or fee increases, stated Ms. Welker.

Amendments include adding a definition of bulk items and limiting these items to 3 per week; definition of recyclable material and the requirement of the items to be placed in a container provided by the city which will remain the property of the city, and customers will be charged for replacement of the container if misused; clarifies yard waste is to be placed in paper biodegradable bags; also add recyclables to the list of items that are not to be tampered with once placed out for pickup by customers.

Commissioners ask several questions regarding the number of containers customers can have, if the refuse trucks will be picking up the carts or will the refuse worker do it, and if the same container will be used for refuse?

Ms. Welker answered all questions.

Ordinance No. 1-15 was given a First Reading.

ORD. NO. 2-15 (1st Reading)

An Ordinance authorizing the issuance of \$165,000 of Bonds for the purpose of paying part of the cost of a building known as the Zollinger Building and associated interests in real property

Assistant City Manager/Finance Director Cynthia Holtzapple provided the Staff Report.

The City of Piqua has declared the necessity of the Zollinger building and associated interests in real property for future development. The City wishes to issue and sell bonds for the purpose of paying part of the cost of the Project, and estimates the life of the improvements at least 5 years, and certifies the maximum maturity of the bonds issued for thirty (30) years, stated Ms. Holtzapple.

Ordinance No. 2-15 was given a First Reading.

RES. NO. R-9-15

A Resolution authorizing the purchase of 101 S. Wayne Street, Parcel No.'s N44-001930 and N44-001235

City Planner, Chris Schmiesing provided the Staff Report.

The property located at 101 S. Wayne Street has been identified by the Downtown Riverfront Redevelopment Strategy as a key parcel in regards to the redevelopment envisioned for the area, and it is essential that a pro-development entity, such as the City control the property. GPN, PIC and other agencies, and members of the community have expressed support for moving forward with the acquisition. Negotiations with the property owner have produced terms and conditions acceptable to both parties resulting in a purchase agreement that expires in March of 2015, stated Mr. Schmiesing.

Mayor Fess stated this project was discussed in the Executive Session. It is very exciting to see the Riverfront District come to life, as it will change the whole look of the downtown and the community, stated Mayor Fess.

Public Comment

No one came forward to speak for or against Resolution No. R-9-15.

Moved by Commissioner Wilson, seconded by Commissioner Martin, that Resolution No. R-9-15 be adopted. Roll call, Aye: Wilson, Fess, Terry, and Martin. Nay: None. Motion carried unanimously. Mayor Fess then declared Resolution No. R-9-15 adopted.

RES. NO. R-10-15

A Resolution requesting authorization to purchase property located at 117 S. Main Street

City Planner, Chris Schmiesing provided the Staff Report.

The property located at 117 S. Main Street has been identified by the Downtown Riverfront Redevelopment Strategy as a key parcel in regards to the redevelopment envisioned for the area, and it is essential that a pro-development entity, such as the City control the property. GPN, PIC and other agencies, and members of the community have expressed support for moving forward with the acquisition. Negotiations with the property owner have produced terms and conditions acceptable to both parties resulting in a purchase agreement that expires in December of 2015, stated Mr. Schmiesing.

Public Comment

No one came forward to speak for or against Resolution No. R-10-15.

Moved by Commissioner Terry, seconded by Commissioner Wilson, that Resolution No. R-10-15 be adopted. Roll call, Aye: Wilson, Terry, Martin, and Fess. Nay: None. Motion carried unanimously. Mayor Fess then declared Resolution No. R-10-15 adopted.

RES. NO. R-11-15

A resolution requesting authorization to purchase property located at 101 S. Main Street

The property located at 101 S. Main Street has been identified by the Downtown Riverfront Redevelopment Strategy as a key parcel in regards to the redevelopment envisioned for the area, and it is essential that a pro-development entity, such as the City control the property. GPN, PIC and other agencies, and members of the community have expressed support for moving forward with the acquisition. Negotiations with the property owner have produced terms and

conditions acceptable to both parties resulting in a purchase agreement that expires in May of 2015, stated Mr. Schmiesing

Public Comment

No one came forward to speak for or against Resolution No. R-11-15.

Moved by Commissioner Martin, seconded by Commissioner Terry, that Resolution No. R-11-15 be adopted. Roll call, Aye: Fess, Wilson, Terry, and Martin. Nay: None. Motion carried unanimously. Mayor Fess then declared Resolution No R-1-15 adopted.

RES. NO. R- 12-15

A Resolution retaining the services of the Auditor of State for the 2014 Annual Audit for the City of Piqua

Assistant City Manager/Finance Director Cynthia Holtzapple provided the Staff Report.

Annually the City of Piqua undergoes an audit of the financial statements. Prior to this year an Independent Certified Accounting firm has completed the audits. The auditor of State has decided to complete the audit themselves for the fiscal period of January 1, 2014 through December 31, 2014. The audit will begin shortly and be completed on or before June 30, 2105 at a cost not to exceed \$40,795, stated Ms. Holtzapple.

Commissioners ask several questions regarding who completed the audits in the past, and why changing companies now. Ms. Holtzapple provided the information.

Public Comment

No one came forward to speak for or against Resolution No. R-12-15

Moved by Commissioner Martin, seconded by Commissioner Wilson, that Resolution No. R-12-15 be adopted. Roll call, Aye: Martin, Fess, Wilson, and Terry. Nay: None. Motion carried unanimously. Mayor Fess declared Resolution No. R-12-15 adopted.

RES. NO. R-13-15

A Resolution requesting the final legislation to enter into an agreement with the Ohio Department of Transportation for the replacement of the traffic signal on US Route 36 at Looney Road, Scott Drive/Centre Court, and the two I-75 entrance/exit ramps

City Engineer, Amy Havenar provided the Staff Report.

ODOT approached the City of Piqua to see if they were interested in replacing the traffic signals at Looney Road ad Scott Drive/Centre Court at the same time they are replacing their traffic signals at the US 36/I-75 interchange. ODOT offered to provide all of the design services for the City traffic signals and bid out the project as well. The existing traffic signals will be replaced with decorative mast arms and will include emergency preemption and video detection.

Preliminary Legislation with ODOT was passed on October 7, 2015 for the Traffic signal replacement project. This is the final legislation needed for ODOT to complete the bidding and award the project, stated Ms. Havenar.

The City is responsible for paying the entire cost of the traffic signal construction at Scott Drive/Centre Court and Looney Road. The City is also responsible for paying the difference in the cost to upgrade from standard mast arms to the decorative mast arms at the two signalized ramp intersections. This item was discussed in detail during the 2015 103 Fund Budget Meeting, stated Ms. Havenar

Commissioners asked several questions which Ms. Havenar provided the information.

City Manager Huff stated this will make the area more attractive when coming off I-75.

Public Comment

No one came forward to speak for or against Resolution No. R-13-15.

Moved by Commissioner Wilson, seconded by Commissioner Martin, that Resolution No. R-13-15 be adopted. Roll call, Aye: Terry, Martin, Fess, and Wilson. Nay: None. Motion carried unanimously. Mayor Fess declared Resolution No. R-13-15 adopted.

RES. NO. R-14-15

A Resolution to Award a contract to CDM Smith for the construction administration of the new Water Treatment Plant

Assistant Water Plant Superintendent, Bob Jennings provided the Staff Report.

On November 12, 2012, CDM Smith was contracted by the City of Piqua to engineer and design a new Water Treatment Plant. In September of 2014, the plans for the new plant were finalized and approved by the Ohio EPA.

On October 30, 2014 bids were opened for the construction of the new plant. A Resolution to award contract to Peterson Construction Company for that construction is before the Commission in conjunction with this Resolution.

On November 18, 2014, Resolution #R-121-14 was passed authorizing an intent to award the contract to CDM Smith for loan purposes.

This Resolution will allow CDM Smith to oversee all aspects of the construction of the plant and ensure that it follows the plans as designed.

The contract for the construction administration with CDM Smith is \$4,101,352.00. However, we are including a 5% contingency which brings the total to \$4,306,420.00

This is an emergency Resolution due to construction timelines. A pre-construction meeting, groundbreaking, and actual construction start dates have already been set. Any further delay in awarding the contract would postpone these dates and possibly incur additional costs to the City, stated Mr. Jennings.

Bob Yoxthimer of CDM Smith provided a brief overview of the reason for this legislation.

Several questions were asked regarding the groundbreaking and the reason for the emergency legislation. Law Director Stacy Wall explained the reason for the emergency legislation at this time.

Public comment

Jeff Lange, St. Rt. 66, came forward thanking the City for taking the initiative to put in the new water treatment plant, as we need to continue to protect our waterways.

Moved by Commissioner Wilson, seconded by Commissioner Terry, that Resolution No. R-14-15 be adopted. Roll call, Aye: Wilson, Terry, Martin, and Fess. Nay: None. Motion carried unanimously. Mayor Fess declared Resolution No. R-14-15 adopted.

RES. NO. R-15-15

A Resolution to award a contract to Peterson Construction Company for the construction of a new Water Treatment Plant

Assistant Water Plant Superintendent, Bob Jennings provided the Staff report.

A survey conducted by the Ohio EPA in 2006, showed that the age and condition of the current Water Treatment Plant would not allow it to meet EPA regulations in upcoming years. The EPA recommended that the City explore options for future needs.

In the following years, various studies were conducted to look at alternatives for the City of Piqua and its needs for water treatment. It was found that the best viable option was to build a new 6.75 million gallon per day surface water treatment plant.

CDM Smith was contracted by the City to engineer and design the new treatment plant. On September 18, 2014, a mandatory pre-bid meeting was held to allow contractors a chance to view the site and ask questions about the project. On October 30, 2014, four bids were received for the above referenced project.

Peterson Construction was the low bidder with a base bid amount of \$35,900,000.00. The bid also included two alternate items that the City feels is imperative to include at this time. The bid for these two items is \$302,000.00. The total project cost will be \$38,012,100.00 which includes a 5% contingency.

On November 18th, 2014, Resolution # R-120-14 was passed to authorize intent to award the contract to Peterson Construction for loan purposes.

Attached is a letter from our engineering consultant, CDM Smith, making recommendation to award a contract to Peterson Construction as well as a bid summary sheet.

This is an emergency Resolution due to construction timelines. A pre-construction meeting, groundbreaking, and actual construction start dates have already been set. Any further delay in awarding the contract would postpone these dates and possibly incur additional costs to the City.

Public Comment

No one came forward to speak for or against Resolution No. R-15-15.

Moved by Commissioner Martin. seconded by Commissioner Terry, that Resolution No. R-15-15 be adopted. Roll call, Aye: Fess, Wilson, Terry, and Martin. Nay: None. Motion carried unanimously. Mayor Fess declared Resolution No. R-15-15 adopted.

RES. NO. R-16-15

A Resolution authorizing a purchase order to Cascade Engineering for the purchase of recycling carts

Director of Health and Sanitation, Amy Welker provided the Staff Report.

The Sanitation Department will begin providing curbside recycling service to customers on May 1, 2015. As part of that service the city will provide refuse customers with a 64 gallon recycling cart with a lid and wheels. The carts will be distributed beginning in April and there will be o increase to customers with the addition of this service, stated Ms. Welker.

The Sanitation Department opted to utilize the national Joint Powers Alliance (NJPA) Cooperative purchasing contract with Cascade Engineering. The NJPA works the same as the State bid contract process, and the city has utilized NJPA for other contracts.

Cascade Carts meet the specifications of the department and are highly recommended by other municipalities that utilize them and have a 10 year warranty with full replacement, stated Ms. Welker. (A cart was brought forward for Commissioners to see.)

Commissioners asked several questions regarding the use and storage of the containers, if the 64 gallon was the only size available, will there be a need to increase staff, and what happens if they are damaged. Ms. Welker answered all questions.

City Manager Huff stated he has seen this type of container used in other municipalities without any problems.

Public Comment

No one came forward to speak for or against Resolution No. R-16-15.

Moved by Commissioner Terry, seconded by Commissioner Wilson, that Resolution No. R-16-15 be adopted. Roll call, Aye: Martin, Fess, Wilson, and Terry. Nay: None. Motion carried unanimously. Mayor Fess declared Resolution No. R-16-15 adopted.

RES. NO. R-17-15

A Resolution authorizing a purchase order to Barrett Paving Materials, Inc. as the primary supplier of hot mix for the 2015 Street and Alley Maintenance Program

Public Works Director, Doug Harter provided the Staff Report.

In December of 2015 bids for asphalt were sent out to several companies, and bids were received on January 8, 2015.

The City has had issues over the past few years with obtaining the type and amount of asphalt they need for a project from the Barrett plant. The Barrett plant has only one hopper which means they can only produce one type of asphalt at a time. Several times the City has had to delay a project until they get the type of asphalt needed, and if for some reason the Barrett plant breaks down we are at their mercy as to when we can get the asphalt, stated Mr. Harter.

In the past the City has purchased asphalt from both Valley Asphalt and Barrett Paving depending on who had the mix available that was needed at any given time. We would like to issue a Purchase Order to both Barrett Paving and Valley Asphalt for the purchase of 402 & 404 asphalt to ensure that the asphalt will be available to the City when it is needed, said Mr. Harter.

Public Comment

No one came forward to speak for or against Resolution No. R-17-15.

Moved by Commissioner Terry, seconded by Commissioner Wilson, that Resolution No. R-17-15 be adopted. Roll call, Aye: Terry, Martin, Fess, and Wilson. Nay: None. Motion carried unanimously. Mayor Fess declared Resolution No. R-17-15 adopted.

RES. NO. R-18-15

A Resolution authorizing a purchase order to Piqua Material Inc. as the supplier of stone and cold patch for the 2015 Street and Alley Maintenance Program

Public Works Director Doug Harter provided the Staff Report.

Barrett Paving plant is located in Moraine and is too far to drive to pick up the cold patch needed. We would like to purchase all stone and cold patch from Piqua Materials due to the close proximity of their plant to the work areas and increasing efficiency, stated Mr. Harter.

Public Comment

No one came forward to speak for or against Resolution No. R-18-15.

Moved by Commissioner Wilson, seconded by Commissioner Terry, that Resolution No. R-18-15 be adopted. Roll call, Aye: Wilson, Terry, Martin, and Fess. Nay: None, Motion carried unanimously. Mayor Fess then declared Resolution No. R-18-15 adopted.

RES. NO R-19-15

A resolution requesting authorizing to enter into an agreement with Howell Contractors, Inc. for construction of the Great Miami River Interceptor Siphon Improvements

Underground Utilities Superintendent, Todd Brandenburg provided the Staff Report.

As a critical element of the Sanitary Sewer System Master Plan (April 2013 performed by CDM Smith, it has been recommended and agreed upon by the Underground Utilities Department, that the Great Miami River Siphon Line be augmented by an additional 24” siphon line as stated in Section 8.1 Capital Improvement Plan – Phase 1.

This necessary improvement is vital to the City’s efforts in eliminating the current Sanitary Sewer Overflow (SSO) located on the west side of the Great Miami River. Through flow monitoring and system modeling, it has been determined that the City’s existing siphon capacity is creating a “hydraulic bottleneck” during wet weather events. This improvement will allow for greater flow rates to be conveyed to the Wastewater Treatment Plant for equalization and treatment, thus reducing the risk of surcharging into the collection system and subsequently creating an SSO event.

The City has currently been working with ARCADIS U.S., Inc., to complete a design and bid the additional 24” siphon under the Great Miami River.

On June, 26, 2014, the City of Piqua Finance Department opened bids for the Great Miami River Siphon Improvements Project with no responding bidders. ARCADIS U.S., Inc., along with City staff interviewed potential bidders to determine why there were no responses and made some minor changes to the contract in an effort to attract some competitive bids in the future.

On December 6, 2014, the request for bidders for this improvement project was advertised and again advertised for a second time December 13, 2014. On January 9, 2015 at 1:00 P.M., bids were opened by the City Finance Department

Two bids were received and analyzed by City staff and consulting engineers at ARCADIS U.S., Inc., and it was determined that Howell Contractors Inc., is the lowest and best bid for this project.

Public Comment

No one came forward to speak for or against Resolution No. R-19-15.

Moved by Commissioner Terry, seconded by Commissioner Wilson, that Resolution No. R-19-15 be adopted. Roll call, Aye: Martin, Fess, Wilson, and Terry. Nay: None. Motion carried unanimously. Mayor Fess declared Resolution No. R-19-15 adopted.

MONTHLY REPORTS – NOVEMBER 2014

Monthly Reports for the month of November 2014 were accepted.

PUBLIC COMMENT

Don Friesthler, Piqua Water Plant Superintendent came forward and thanked the City Commission for their support on the new Water Treat Plant project, and invited them to the groundbreaking ceremony on January 28th, at 10:00 A.M.

Bill Jaqua, Sunset Drive, came forward stating he provided a letter to the Mayor and the City Commissioners regarding some changes he would like to see take place in City Government, to help the city grow. Mr. Jaqua further stated he hopes the Mayor and Commissioners read his letter.

Mayor Fess thanked Mr. Jaqua for his information and request, further stating she also wants to see Piqua continue to grow.

City Manager's Report

City Manager Huff stated there was a large water main break on High Street that effected 2500 resident in the west end of the city. City Manager Huff explained the process in notifying residents of the boil advisory, further stating he realized that the Time Warner telephone customers were not notified for some reason, and are working on the situation.

City Manager Huff thanked the Underground Utilities Department employees for all of their hard work during the water main break.

Water Plant Superintendent Don Friesthler provided information regarding the testing of the water samples before lifting the boil advisory.

City Manager Huff stated a water pipe broke in the Ft. Piqua Plaza but the water was confined to the stairwell, further stating they are taking steps to prevent this from happing again in the future. City Manager Huff thanked Bob Grazer for working all weekend helping with clean up to keep the Ft. Piqua Plaza open.

Commissioners Comments

Commissioner Wilson asked if only land line customers were notified of the boil advisory? City Manager Huff provided information on the boil advisory, further stating customer can call in and provide telephone numbers for future notification.

Commissioner Wilson stated the new Dunham's Sporting Goods Store will be holding job interviews on Saturday, January 24th from 9:00 a.m. to 4:00 p.m. at the Miami Valley Centre Mall, and are hoping to hire around 50 people.

Commissioner Terry congratulated Assistant Fire Chief Jonathan Stevens, Fire Captain Tim Risner on their promotions, and Mike Peltier on his retirement from the Fire Department after 30 years of service to the City of Piqua and the Community.

Commissioner Martin also congratulated the Fireman and Mike Peltier.

Mayor Fess asked Public Works Director Doug Harter how the cold weather has effected the patching and if there has been much damage due to the cold weather. Mr. Harter stated there has been some damage but will keep working to keep things going,

Moved by Commissioner Martin, seconded by Commissioner Wilson, to adjourn from the Regular Commission Meeting at 9:25 P.M. Voice vote, Aye: Martin, Wilson, Terry, and Fess. Nay: None.

LUCINDA L. FESS, MAYOR

PASSED: _____

ATTEST: _____
REBECCA J. COOL
CLERK OF COMMISSION

ORDINANCE NO. 1-15

AN ORDINANCE AMENDING CHAPTER 50 OF THE PIQUA CODE,
RELATING TO GARBAGE AND REFUSE

BE IT ORDANINED by the Commission of the City Of Piqua, Miami County, Ohio, the majority of all members elected and appointed thereto concurring, that:

SEC. 1: Chapter 50 of the Piqua Code is hereby amended to read as follows (with deletions lined out and additions underlined):

GARBAGE AND REFUSE

📖 § 50.01 DEFINITIONS.

For the purpose of this chapter, the following definitions shall apply, unless the context clearly indicates or requires a different meaning.

BOARD. The Board of County Commissioners of Miami County, Ohio, consisting of three members chosen as provided in R.C. Chapter 305.

BUILDING CONSTRUCTION WASTE. Discarded or unused materials used in the construction of structures and other improvements to real property.

BULK ITEMS. Discarded appliances, furniture, and other household items that are too large to fit inside a garbage container. Does not include building construction waste, items longer than 6 feet in length, or items too heavy to be easily lifted by the collection crew.

COLLECTION. The process of picking up and transporting solid waste from the point of disposition to the point of its ultimate disposal.

COMMERCIAL HAULERS. Any person, firm or corporation who, for profit, collects or transports solid waste to disposal sites, and when not operating solely under a contract with the city to transport solid waste (collected by the city) from the transfer station.

DISPOSAL SITE. Any site area used by a customer for the disposal of garbage, refuse, or recyclable materials.~~solid waste in any form either within or outside of the city.~~

DISTRICT. The Miami County Garbage and Refuse Disposal District No. 1 as that district is described in the records of the Board of County Commissioners of Miami County, and in § 50.20, and as the district may be amended from time to time. The district is now comprised of all the unincorporated area of Miami County and the municipalities of Troy and Piqua, Ohio.

GARBAGE. Shall include the following:

- (1) Discarded animal and vegetable organic matter.

(2) All putrescible wastes from public, private and residential structures.

(3) Garbage does not include hazardous waste, recognizable industrial byproducts, non-combustibles, rubbish or building construction waste.

HAZARDOUS WASTE. The waste as defined in R.C. § 3734.01(J);

INCINERATORS. Structures built and containing furnaces, machinery and equipment for the destruction, by burning, of solid waste with maximum reduction of volume and a minimum of air pollution, other than for domestic or residential use.

INDIVIDUAL HAULERS. Persons, firms or corporations using vehicles either owned by them, rented or leased by them, either with drivers or for their use by themselves or by their employees on an occasional basis for the purpose of transporting solid waste produced by them to a point of disposal off their own premises.

LANDFILLS. Open areas of ground used for the disposal of solid waste fitting one of the following descriptions (but not including the transfer station).

(1) **DUMP.** An open area of ground used for the disposal of solid waste by miscellaneous dumping.

(2) **INCINERATOR LANDFILL.** An open area of ground used for the disposal of sterile ash from an incinerator and for the disposal of non-combustible waste, containing no putrescible material, which cannot be reduced in a volume by incineration.

(3) **SANITARY LANDFILL.** An open area of ground used for the disposal of solid waste where material is deposited under controlled conditions.

NON-COMBUSTIBLES. Garbage or refuse which will not reduce to ash within 45 minutes at a temperature of 1,800 F. when properly mixed with oxygen from the air for the purpose of burning tree stumps and materials in the nature of earth, sand, bricks, stones, plaster, ashes and other substances which may accumulate as a result of building construction or demolition.

PUBLIC HEALTH DEPARTMENT. The public health department having jurisdiction in the geographical area appropriate to the rule under discussion.

RECYCLABLE MATERIALS. Materials as determined by the Health & Sanitation Director to be easily reused or repurposed, and be suitable for collection and separation from regular household solid waste to be diverted from the landfill.

REFUSE. Shall include the following.

(1) Discarded non-organic materials generated from commercial, industrial and/or residential sources within the city which are of a size and weight suitable for containment in receptacles designated for garbage and refuse.

(2) Refuse shall not include liquids or hazardous wastes, recognizable industrial by-products, non-combustibles or building construction waste.

SANITARY ENGINEER. The Sanitary Engineer of Miami County, appointed by the Board of County Commissioners of Miami County, Ohio, or its duly authorized or appointed assistants acting in its behalf or stead.

SOLID WASTE. Garbage and refuse other than liquids.

TRANSFER STATION. A site owned or leased by the city where solids waste is deposited by city personnel for pick-up and removed by a person, firm, or corporation under contract with the city.

('97 Code, § 55.01) (Ord. C-686, passed 1-2-51; Am. Ord. 40-68, passed 11-4-68; Am. Ord. 49-89, passed 8-7-89)

 § 50.02 GARBAGE AND RECYCLING RECEPTACLE REQUIRED.

(A) No owner, tenant, or lessee of any public or private premises shall permit to accumulate upon his or her premises any refuse, except in covered containers which shall be substantially constructed and in such manner so as to be easily lifted by the refuse collectors.

('97 Code, § 55.02)

(B) The covered containers shall be constructed of metal or heavy gauge plastic, with two handles and in such a manner as to be strong, easily lifted, not easily corrodible, rodent-proof, and shall have a capacity of not more than 27 32 gallons (~~#2 garbage can~~) and have tight covers, same to be in place at all times, except when garbage is being deposited therein, or removed therefrom. The container contents shall not in any case exceed 75 pounds in weight.

(C) Recyclable materials shall be placed in containers which may be provided by the City and, if so provided, said containers shall be and remain the property of the City and remain with the residence, regardless of owner or tenant. Any misuse or destruction of said containers shall subject the person responsible to replacement costs. Should the containers become lost or unusable, they may be replaced by notifying the City of Piqua. The City is authorized to charge a replacement fee in accordance with rules and regulations of the City of Piqua.

('97 Code, § 55.03) (Ord. C-686, passed 1-2-51; Am. Ord. 49-89, passed 8-7-89) [Penalty, see § 50.99](#)

 § 50.03 UNCOLLECTIBLE GARBAGE.

(A) No garbage and refuse shall be collected by the city unless it is placed in waste containers or plastic bags and placed in the proximity of the street or alley or other convenient place for collection as determined by the City Sanitation Department Foreman. However, the Sanitation Foreperson may collect garbage and refuse at locations other than in the proximity of the street or alley in hardship cases. Hardship cases are cases in which the Sanitation Foreperson determines there is no able-bodied person in the household.

(B) Garbage and refuse may be collected by the city other than in the proximity of the street or alley in non-hardship cases by the customer paying a charge in addition to the charge set forth in [§ 50.07](#) in the amount of \$2 per month.

(C) All twigs, branches, limbs and other trimmings of trees and bushes shall not be collected unless the trimmings are less than six feet in length and less than four inches in diameter, tied into bundles no larger than 24 inches in diameter.

(D) No garbage, refuse or non-combustibles transported into the city from outside the corporate limits shall be collected.

~~(E) Yard Waste will only be collected if placed loose in cans or in paper biodegradable bags.~~

(‘97 Code, § 55.04) (Ord. 59-78, passed 2-5-79; Am. Ord. 54-79, passed 8-20-70; Am. Ord. 49-89, passed 8-7-89)

~~§ 50.04 PERMIT REQUIRED FOR COLLECTION; FEE.~~

~~—(A) No commercial hauler who does not possess a permit shall collect, transport, or dispose of garbage or refuse within the city, other than a person, firm or corporation solely when operating under the contract with the city to remove solid waste (collected by the city) from the transfer station.~~

~~—(B) This permit shall be issued only by the City Manager or his or her duly authorized agent and only upon payment of an annual fee of \$10. The holder of this permit shall comply with all of the provisions and terms of this chapter.~~

~~(‘97 Code, § 55.05) (Ord. 59-78, passed 2-5-79; Am. Ord. 32-87, passed 7-27-87; Am. Ord. 49-89, passed 8-7-89) Penalty, see § 50.99~~

§ 50.05 PRIVATE DISPOSAL PROHIBITED.

The disposal of garbage or refuse in any quantity by an individual or an establishment is prohibited in any public or private place within the city limits.

(‘97 Code, § 55.06) (Ord. C-686, passed 1-2-51; Am. Ord. 32-87, passed 7-27-87; Am. Ord. 49-89, passed 8-7-89) [Penalty, see § 50.99](#)

§ 50.06 TAMPERING WITH REFUSE PROHIBITED.

(A) All garbage, refuse, recyclables and other materials on disposal sites, ~~including the transfer station~~, are the property of the city.

(B) No person shall be allowed to separate and collect, carry off, or dispose of materials on disposal sites ~~including the transfer station~~, except under the direction of the City Manager or except by contract with the city. In addition, the provisions of division (B) hereof shall not apply to any law enforcement officer or fire investigator in the performance of his or her official duties.

('97 Code, § 55.07) (Ord. C-686, passed 1-2-51; Am. Ord. 32-87, passed 7-27-87; Am. Ord. 49-89, passed 8-7-89) [Penalty, see § 50.99](#)

 § 50.07 GARBAGE COLLECTION RATES; PERMITS.

(A) (1) The collection of garbage and refuse from houses, buildings, and premises for residential purposes shall be in the amount of ~~\$12.99 for 2007~~ ~~\$14.16 for 2008~~ \$15.30 ~~for 2009~~ per month for cans or bags not to exceed ~~27.32~~ gallons, or any other containers approved by the Sanitation Department. There shall be an additional monthly charge of ~~\$2.66 for 2007~~ ~~\$2.90 for 2008~~ \$3.13 ~~for 2009~~ for recycling costs incurred by the city. The current fees shall remain in effect until changed. No more than six bags or cans of refuse and six cans or bags of leaves or grass will be collected per week without additional charges. No householder within the city limits shall be exempt from the provisions of this section without obtaining a special waiver pursuant to (B) below.

(2) The term **HOUSEHOLDER** shall mean the head of a family or one maintaining his or her separate living room or quarters on the premises, and shall include owners, tenants, and occupants of all premises.

(B) Special waivers of compliance with (A) above may be granted at the utility collection office to the following. Special waivers may be subject to revocation without notice.

(1) Owners of buildings containing four or more apartment units, and who have in force a contract with a commercial hauler to collect garbage and refuse from the apartment units.

(2) Commercial or business accounts who have in force a contract with a commercial hauler to collect garbage and refuse from the commercial or business establishments.

(3) *Participants in the Senior Discount Program.* The Senior Discount Program shall be for householders who reside in the city and who are 62 years of age and older or disabled, or who have other hardship reasons approved by the Sanitation Department and also meet income guidelines as established by the Utility Billing Office. The rate for the program shall be 50% of the standard refuse rate as established in division (A) plus a recycling rate which shall be 30% of the standard recycling rate as established in division (A).

(4) Owners of single-family residences which remain unoccupied during vacations for a minimum of two months subject to appropriate receipt of notice and approval by the utility office.

(C) The collection of garbage and refuse and recycling from commercial establishments shall be on the basis of the amount of ~~refuse and garbage materials collected collection~~ as follows.

(1) For each container or part thereof not exceeding ~~27.32~~ gallons or 75 pounds, whichever is greater, the charge shall be ~~\$3.17 for 2007~~ ~~\$3.46 for 2008~~ ~~\$3.74 for 2009~~ per container, to be billed monthly at a minimum monthly charge of ~~\$14.63 for 2007~~ ~~\$15.95 for 2008~~ ~~\$17.23 for 2009~~. In addition a charge of \$3.13 per month for recycling shall be included.

(2) A record of the number of containers shall be maintained by garbage and refuse collectors. Garbage and refuse must be placed in containers to comply with the specifications for garbage and refuse containers herein.

(3) Collection of fees shall be made by the Utilities Department as a separate item on each utility bill. The fees shall be assessed against the person or firm in whose name the utility bill is listed.

(D) ~~Rubbish as defined in § 50.01 and discarded appliances Bulk items~~ shall ~~only~~ be collected when placed at normal trash collection points ~~on the regular collection day at specific times during the year as designated by the Utilities Department. Discarded appliances, furniture, and other large items not suitable for regular trash collections will be collected on a call-in basis at times designated by the Sanitation Department. Such items shall be collected at the discretion of the the Sanitation Department in reasonable amounts not to exceed 3 bulk items in one week. Excessive amounts of bulk items placed out for collection may incur additional charges based on the disposal cost.~~

(E) Garbage and refuse may be collected at locations outside the city limits when feasible, at a rate of 150% of the rates listed in divisions (A) and (C) above, except that recycling costs shall be uniform inside and outside the city limits.

(F) A delayed payment charge of 5% of each month's fee shall be added to the month's billing if not paid within the net payable date of the monthly statement.

~~-(G) Commercial haulers operating within the city limits shall purchase a permit from the Health Department at an annual fee of \$10. All vehicles owned and operated by commercial haulers shall be made available to the Health Department for inspection at such times as the Department shall determine. No commercial hauler shall fail to comply with all applicable rules, regulations, or ordinances of the city.~~

('97 Code, § 55.08) (Ord. 7-59, passed 2-16-59; Am. Ord. 15-94, passed 3-21-94; Am. Ord. 53-94, passed 11-21-94; Am. Ord. 15-96, passed 3-18-96; Am. Ord. 11-02, passed 5-20-02; Am. Ord. 3-05, passed 4-4-05; Am. Ord. 32-06, passed 1-2-07; Am. Res. R-12-07, passed 1-16-07; Am. Ord. 12-10, passed 6-1-10) [Penalty, see §50.99](#)

 § 50.08 UNCOLLECTED GARBAGE DECLARED A NUISANCE.

(A) No garbage or refuse shall be collected from any premises where the owner or lessee is in arrears for a period of one month. Fermenting, putrefying, or odoriferous garbage in containers uncollected or dumped in the open due to failure to pay garbage fees shall be declared a nuisance, and the person or persons responsible shall be liable to prosecution under the provisions of R.C. § 3767.13.

('97 Code, § 55.09)

(B) No person, firm or corporation shall permit the accumulation or collection on his, her or its premises of any garbage, refuse, non-combustibles, hazardous waste or solid waste which was not generated on said premises.

('97 Code, § 55.10) (Ord. C-696, passed 1-2-51; Am. Ord. 49-89, passed 8-7-89) [Penalty, see § 50.99](#)

DISPOSAL OF SOLID WASTE

📖 § 50.20 ESTABLISHMENT OF DISPOSAL DISTRICT NUMBER ONE.

The Commission authorizes the Board of County Commissioners to lay out, establish, and maintain the Miami County Garbage and Refuse Disposal District Number One, and to include therein, in addition to other lots and lands, all lots and lands within the corporate limits of the city.

('97 Code, § 55.15) (Ord. 13-66, passed 3-21-66; Am. Ord. 32-87, passed 7-27-87; Am. Ord. 49-89, passed 8-7-89)

📖 § 50.21 HAULING PERMIT REQUIRED.

It shall be unlawful for any person, firm or corporation to engage in the business of collecting, hauling, or transporting through, over, or upon the public streets and ways of the city, any solid waste, without obtaining a license or permit to do so from the office of the Sanitary Engineer, Miami County Incinerator, Troy, Ohio 45373. This section shall not apply to any person, firm or corporation solely when operating under contract with the city to remove solid waste (collected by the city) from the transfer station.

('97 Code, § 55.16) (Ord. 40-68, passed 11-4-68; Am. Ord. 32-87, passed 7-27-87; Am. Ord. 49-89, passed 8-7-89) [Penalty, see § 50.99](#)

📖 § 50.22 COMPLIANCE WITH HAULING REGULATIONS.

It shall be unlawful for any commercial hauler or individual hauler to haul or transport through, over, or upon the public streets and ways of the city, any garbage, rubbish, or refuse unless the garbage, rubbish, or refuse is hauled to the Miami County ~~Incinerator~~ [Transfer Station](#) and is hauled in conformance with the rules and regulations of disposal of solid wastes in Miami County Garbage and Refuse Disposal District Number One adopted by the Miami County Commissioners. This section shall not apply to any person, firm or corporation solely when operating under contract with the city to remove solid waste (collected by the city) from the transfer station.

('97 Code, § 55.17) (Ord. 40-68, passed 11-4-68; Am. Ord. 32-87, passed 7-27-87; Am. Ord. 49-89, passed 8-7-89) [Penalty, see § 50.99](#)

📖 § 50.23 INCINERATOR.

(A) It shall be unlawful for any person, firm or corporation to operate an incinerator within the city unless the incinerator meets the federal, state, or local ordinances for solid or smoke emission from incinerators, and in no instance shall the solid and smoke emission exceed the following standards:

- (1) Solids: 0.85 pounds per 1,000 pounds of gas, corrected to 15% CO₂.

(2) Smoke: Ringlemann Number Two for no more than 60 minutes in 24 hours.

('97 Code, § 55.18) (Ord. 40-68, passed 11-4-68; Am. Ord. 49-89, passed 8-7-89)

(B) It shall be unlawful for any person, firm or corporation to construct an incinerator within the city until the plans and specifications for it are submitted to and approved by the sanitary engineer and the city engineer.

('97 Code, § 55.19) [Penalty, see § 50.99](#)

 § 50.24 COVERED VEHICLE REQUIRED FOR HAULING.

It shall be unlawful for any person, firm or corporation to haul or transport any waste, refuse, trash, or garbage in an form within the city in a vehicle not fitted with a tight cover or not constructed in such a manner as to prevent the escape of any portion of the load being transported, no matter how minute.

('97 Code, § 55.20) (Ord. 40-68, passed 11-4-68; Am. Ord. 49-89, passed 8-7-89) [Penalty, see § 50.99](#)

 § 50.25 HAULING GARBAGE TO LOCATION OUTSIDE CITY PROHIBITED.

(A) It shall be unlawful for any commercial hauler to haul or transport any waste, refuse, trash, or garbage in any form from a point within the city to any point outside of Miami County.

(B) In the event of an emergency such as, but not limited to, a truck breakdown or driver illness, the provisions of this section shall not apply if the commercial hauler notifies the office of the City Police Department of the emergency prior to the removal from the county of the waste, trash, or garbage.

(Ord. 40-68, passed 11-4-68; Am. Ord. 56-69, passed 12-1-69)

(C) This section shall not apply to any person, firm or corporation solely when operating under contract with the city to remove solid waste (collected by the city) from the transfer station.

(Ord. 49-89, passed 8-7-89)

('97 Code, § 55.21) [Penalty, see § 50.99](#)

 § 50.99 PENALTY.

Whoever violates any provisions of this chapter shall be punished as provided in § [10.99](#). Each day's violation shall constitute a separate offense.

SEC. 2: This Ordinance shall take effect and be in force from and after the earliest period allowed by law.

1st Reading 1-20-2015

LUCINDA L. FESS, MAYOR

PASSED: _____

ATTEST: _____

REBECCA J. COOL
CLERK OF COMMISSION



Commission Agenda Staff Report

MEETING DATE	January 20, 2015		
REPORT TITLE (Should match resolution/ordinance title)	An ordinance amending chapter 50 of the Piqua Code, relating to garbage and refuse		
SUBMITTED BY	Name & Title: Amy Welker, RS Director of Health & Sanitation		
	Department: Sanitation		
AGENDA CLASSIFICATION	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Ordinance	<input type="checkbox"/> Resolution <input type="checkbox"/> Regular
APPROVALS/REVIEWS	<input checked="" type="checkbox"/> City Manager		<input type="checkbox"/> Asst. City Manager/Finance
	<input type="checkbox"/> Asst. City Manager/Development		<input checked="" type="checkbox"/> Law Director
	<input checked="" type="checkbox"/> Department Director;		<input type="checkbox"/> Other:
BACKGROUND (Includes description, background, and justification)	<p>Amending the ordinance to more closely align with current practices and clean up language. Also, adding language to prepare for the addition of curbside recycling as a service offered by the Sanitation department. Includes language to address recycling containers to be provided by the city. The changes do NOT include any rate adjustment or fee increases.</p> <p>Amendments include, adding a definition of bulk item and limiting these items to 3 per week. The current practice is to limit bulk items to a reasonable amount and to charge for excessive piles. This practice will continue.</p> <p>Adds a definition of recyclable materials and requires those materials be in a container. When the city provides such a container for use by customers, it will remain the property of the city. The ordinance also allows customers to be charged for replacement of the container if they misuse it.</p> <p>Clarifies that yard waste is to be placed in paper biodegradable bags; plastic garbage bags are not allowed at the compost facility per the EPA. Customers have been notified of this change in the Spirit newsletter and through social media.</p> <p>Adds recyclables to the list of items that are not to be tampered with once placed out for pick-up by customers. These items become the property of the city.</p>		
BUDGETING AND FINANCIAL IMPACT (Includes project costs and funding sources)	Budgeted \$:		
	Expenditure \$:		
	Source of Funds:		
	Narrative:	No impact to the budget	

OPTIONS (Include Deny /Approval Option)	1.	Pass the ordinance to update Chapter 50
	2.	Do not pass the ordinance
	3.	Provide further direction to staff
	4.	
PROJECT TIMELINE	First reading Jan. 20, 2015 Second reading Feb. 3, 2015 Third reading Feb. 17, 2015 Recycling service to begin May 1, 2015	
STAFF RECOMMENDATION	Pass the ordinance to amend Chapter 50.	
ATTACHMENTS		

ORDINANCE NO. 2-15

AN ORDINANCE AUTHORIZING THE ISSUANCE OF \$165,000 OF BONDS FOR THE PURPOSE OF PAYING PART OF THE COST OF A BUILDING KNOWN AS THE ZOLLINGER BUILDING AND ASSOCIATED INTERESTS IN REAL PROPERTY

WHEREAS, this City Commission has heretofore by proper legislation declared the necessity of a building known as the Zollinger building and associated interests in real property (the "Project"); and

WHEREAS, the Director of Finance, as fiscal officer of this municipality, has heretofore estimated that the life of the improvements constituting the Project is at least five (5) years, and certified that the maximum maturity of the bonds issued therefor is thirty (30) years; and

WHEREAS, this City Commission expects the debt service charges on the bonds (the "Debt Charges") authorized hereby will be paid from the general revenues of this municipality (the "Revenues"); and

WHEREAS, Unity National Bank, A Division of The Park National Bank, Piqua, Ohio (the "Bank") has offered to purchase such bonds upon the terms set forth in such offer and herein.

NOW, THEREFORE, BE IT ORDAINED by the Commission of the City of Piqua (hereinafter called the "Municipality"), County of Miami, Ohio:

SECTION 1. That it is necessary to issue and sell bonds of the Municipality in the principal sum of \$165,000 (the "Bonds") for the purpose of paying part of the cost of the Project, including costs related to the issuance of the Bonds, under authority of and pursuant to the general laws of the State of Ohio, particularly Chapter 133 of the Ohio Revised Code (the "Act"). It is hereby determined that notes shall not be issued in anticipation of the Bonds.

SECTION 2. That the Bonds shall be issued in such principal amount for the purpose aforesaid. The Bonds shall (i) be dated, (ii) be numbered from R-1 upwards in order of issuance, (iii) be of such denominations, (iv) mature in a single payment of principal not later than December 15, 2015 (the "Maturity Date"), and (v) bear interest at the rate of three percent (3.00%) per annum, which interest shall be calculated on the basis of the actual number of days and a 360 day year, and shall be payable on the Maturity Date.

The Bonds shall be subject to redemption at the option of the Municipality at any time, in whole or in part in inverse order of maturity.

The Bonds shall be designated "Building Acquisition Bonds, Series 2015".

It is hereby determined by the City of Piqua that the issuance of the Bonds provided herein, including without limitation, the redemption provisions set forth above, are in the best interests of the Municipality.

SECTION 3. That the Bonds shall express upon their faces the purpose for which they are issued and that they are issued in pursuance of this ordinance. The Bonds shall be in fully registered form without coupons, shall bear the signatures of the City Manager and the Director of Finance, provided that either or both of such signatures and such seal may be facsimiles. The Bonds shall bear the manual authenticating signature of the Director of Finance serving as, or of an authorized representative of a bank or trust company determined by the Director of Finance to serve as, the paying agent, registrar and transfer agent (the "Paying Agent and Registrar") for the Bonds. The final payment of the Debt Charges shall be payable at the designated office of the Paying Agent and the Registrar and all other Debt Charges shall be paid on the Maturity Date to the person whose name appears on the record date (being the 15th day preceding the Maturity Date) on the Bond registration records as the registered holder thereof, by check or draft mailed to such registered holder at his address as it appears on such registration records.

The Bonds shall be transferable by the registered holder thereof in person or by his attorney duly authorized in writing at the designated office of the Paying Agent and Registrar upon presentation and surrender thereof to the Paying Agent and Registrar. The Municipality and the Paying Agent and Registrar shall not be required to transfer any Bond during the 15-day period preceding the Maturity Date or preceding any selection of Bonds to be redeemed, or after such Bond has been selected for partial or complete redemption, and no such transfer shall be effective until entered upon the registration records maintained by the Paying Agent and Registrar. Upon such transfer, a new Bond or Bonds of authorized denominations of the same maturity and for the same aggregate principal amount shall be issued to the transferee in exchange therefor.

The Municipality and the Paying Agent and Registrar may deem and treat the registered holders of the Bonds as the absolute owners thereof for all purposes, and neither the Municipality nor the Paying Agent and Registrar shall be affected by any notice to the contrary.

SECTION 4. That for the payment of the Debt Charges, the full faith, credit, and revenue of the Municipality are hereby irrevocably pledged, and for the purpose of providing the necessary funds to pay the Debt Charges promptly when and as the same fall due, there shall be and is hereby levied on all the taxable property in the Municipality, within the ten-mill limitation of Article XII, Section 2 of the Constitution of Ohio, in addition to all other taxes, a direct tax annually during the period the Bonds are to run in an amount sufficient to provide funds to pay the Debt Charges as and when the same fall due, which tax shall not be less than the interest and sinking fund tax required by Article XII, Section 11 of the Constitution of Ohio; provided, that in each year to the extent that Revenues or moneys from other sources are available for the payment of the Debt Charges and are appropriated for such purpose, the amount of such tax shall be reduced by the amount of such Revenues or other moneys so available and appropriated. Said property tax shall be and is hereby ordered computed, certified, levied and extended upon the tax duplicate and collected by the same officers, in the same manner and at the same time that taxes for general purposes for each of said years are certified, extended or collected. Said property tax shall be placed before and in preference to all other items and for the full amount thereof.

The Revenues to be applied to the payment of the Debt Charges and the funds derived from said tax levies hereby required shall be placed in a separate and distinct fund, which shall be irrevocably pledged for the payment of the Debt Charges when and as the same shall fall due.

SECTION 5. That the Bonds are hereby awarded and sold to the Bank at not less than 100% of the principal amount thereof plus accrued interest to the date of delivery, all as set forth in the Bank's offer to purchase the Bonds which is hereby accepted.

The proceeds from the sale of the Bonds, except as any premium and accrued interest received, shall be deposited in an appropriate fund and used for the purpose aforesaid and for no other purpose and for which purpose such proceeds are hereby appropriated. Any premium and accrued interest received from such sale shall be transferred to the bond retirement fund to be applied to the payment of the principal and interest of the Bonds in the manner provided by law.

SECTION 6. That the City of Piqua hereby covenants that it will restrict the use of the proceeds of the Bonds hereby authorized in such manner and to such extent, if any, as may be necessary after taking into account reasonable expectations at the time the debt is incurred, so that they will not constitute obligations the interest on which is subject to federal income taxation or arbitrage bonds” under Sections 103(b)(2) and 148 of the Internal Revenue Code of 1986, as amended (the “Code”) and the regulations prescribed thereunder, including any expenditure requirements, investment limitations or rebate requirements.

The Director of Finance or any other officer having responsibility with respect to the issuance of the Bonds is authorized and directed to (a) make or effect any election, selection, designation, choice, consent, approval or waiver on behalf of the Municipality with respect to the Bonds as permitted or required to be made or given under the federal income tax laws, for the purpose of assuring, enhancing or protecting favorable tax treatment or the status of the Bonds or interest thereon or assisting compliance with requirements for that purpose, reducing the burden or expense of such compliance, reducing any rebate amount or any payment of penalties, or making any payments of special amounts in lieu of making computations to determine, or paying, any excess earnings as rebate, or obviating those amounts or payments, as determined by the Director of Finance, which action shall be in writing and signed by the Director of Finance or any other officer on behalf of the Municipality; and (b) give an appropriate certificate on behalf of the Municipality on the date of delivery of the Bonds for inclusion in the transcript of proceedings, setting forth the facts, estimates and circumstances and reasonable expectations pertaining to the use of the proceeds thereof and the provisions of said Sections 103(b)(2) and 148, and the representations, warranties and covenants of the Municipality regarding compliance by the Municipality with Sections 141 through 150 of the Code, and the regulations thereunder.

The Bonds are hereby designated as “qualified tax-exempt obligations” to the extent permitted by Section 265(b)(3) of the Code and not already deemed so designated. The City of Piqua finds and determines that the reasonable anticipated amount of qualified tax-exempt obligations (other than private activity bonds) which will be issued by the Municipality during the calendar year in which the Bonds are issued does not and this City Commission hereby covenants that, during such year, the amount of tax-exempt obligations issued by the Municipality and designated as “qualified tax-exempt obligations” for such purpose will not exceed \$10,000,000. The Director of Finance and other appropriate officers, and any of them, are authorized to take such actions and give such certifications on behalf of the Municipality with respect to the reasonably anticipated amount of tax-exempt obligations to be issued by the Municipality during this calendar year and with respect to such other matters as appropriate under Section 265(b)(3).

SECTION 7. That the Director of Finance is hereby authorized to execute and deliver an agreement with the Paying Agent and Registrar for its services as paying agent, registrar and transfer agent for the Bonds in such form as such officer may approve, the execution thereof by such officer to be conclusive evidence of such authorization and approval.

SECTION 8. That the law firm of Peck, Shaffer & Williams, A Division of Dinsmore & Shohl LLP be and is hereby retained to provide bond counsel services to the Municipality in connection with the issuance of such Bonds, including preparation of the necessary authorization and related closing documents for the issuance, sale and delivery of the Bonds and, if appropriate, rendering its approving legal opinion in connection therewith to the Bank, and said firm shall be compensated by the Municipality for such services in accordance with a written agreement substantially the form presently on file with the City of Piqua. The City Manager, the Director of Finance and other appropriate officials of the Municipality, are each hereby separately authorized, without further action of this City Commission, to execute and deliver such agreement on behalf of the Municipality in substantially the form presently on file with this City Commission and to take any and all actions and to execute such other instruments that may be necessary or appropriate in order to effect the retention of such firm and the intent of this ordinance.

SECTION 9. That if any provision of this ordinance or such Bonds, or any covenant, obligation or agreement contained herein or therein is determined by a court to be invalid or unenforceable, that determination shall not affect any other provision, covenant, obligation or agreement, each of which shall be construed and enforced as if the invalid or unenforceable portion were not contained herein or therein. That invalidity or unenforceability shall not affect any valid and enforceable application thereof, and each such provision, covenant, obligation or agreement shall be deemed to be effective, operative, made, entered into or taken in the manner and to the full extent permitted by law.

SECTION 10. That the Director of Finance is hereby directed to forward a certified copy of this ordinance to the county auditor of each county in which any part of the Municipality is located.

SECTION 11. That it is found and determined that all formal actions of this City Commission concerning and relating to the adoption of this ordinance were adopted in an open meeting of this City Commission, and that all deliberations of this City Commission and of any of its committees that resulted in such formal action, were in meetings open to the public, in compliance with the law, including Section 121.22 of the Ohio Revised Code.

SECTION 12. That this ordinance shall go into effect at the earliest period allowed by law.

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LUCINDA L. FESS, MAYOR

ATTEST: _____
REBECCA J. COOL, CLERK

PASSED:

ORDINANCE NO. 3-15

AN ORDINANCE AMENDING SECTION 77.01 – TRAFFIC SCHEDULES ADOPTED, SCHEDULE IV AND SCHEDULE VII OF THE PIQUA CODE, RELATING TO FOUR-WAY STOP INTERSECTIONS AND TRAFFIC CONTROL DEVICES

BE IT ORDAINED by the Commission of the City of Piqua, Miami County, Ohio, the majority of all members elected thereto concurring, that:

SEC. 1: Section 77.01 of the Piqua Code, Schedule IV – FOUR-WAY STOP INTERSECTION, is hereby amended to ADD the following:

**PARK AVENUE & WESTVIEW DRIVE
PARK AVENUE & PARKWAY DRIVE
DOWNING STREET & W. HIGH STREET
DOWNING STREET & ASH STREET**

and; Section 77.01 of the Piqua Code, Schedule VII – TRAFFIC CONTROL DEVICES, is hereby amended to DELETE the following:

**COLLEGE STREET & ASH STREET
COLLEGE STREET & GREENE STREET
COLLEGE STREET & NORTH STREET
BROADWAY & NORTH STREET
DOWNING STREET & W. HIGH STREET
DOWNING STREET & ASH STREET**

SEC. 2: Section 77.01 of the Piqua Code, Schedule IV Four-way Stop Intersection and Schedule VII Traffic Control Devices, is hereby amended to revise the designation of the intersections;

SEC. 3: This Ordinance shall take effect and be in force from and after the earliest period allowed by law.

LUCINDA L. FESS, MAYOR

PASSED: _____

ATTEST: _____
REBECCA J. COOL
CLERK OF COMMISSION



Commission Agenda Staff Report

MEETING DATE	February 3, 2015		
REPORT TITLE (Should match resolution/ordinance title)	An ordinance amending Section 77.01 – Traffic Schedules Adopted, Schedule IV and Schedule VII of the Piqua Code, relating to four-way stop intersections and traffic control devices.		
SUBMITTED BY	Name & Title: Amy Havenar, P.E., City Engineer		
	Department: Engineering		
AGENDA CLASSIFICATION	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Ordinance	<input type="checkbox"/> Resolution <input type="checkbox"/> Regular
APPROVALS/REVIEWS	<input checked="" type="checkbox"/> City Manager		<input type="checkbox"/> Asst. City Manager/Finance
	<input type="checkbox"/> Asst. City Manager/Development		<input type="checkbox"/> Law Director
	<input type="checkbox"/> Department Director		<input type="checkbox"/> Other:
BACKGROUND (Includes description, background, and justification)	<p>In May of 2012, the City was notified of our award of a Safe Routes to School (SRTS) grant for the construction of infrastructure projects around the Piqua Junior High School site, Washington Intermediate School site, and the Wilder Intermediate School site. As a part of these construction improvements, there will be modifications to the traffic control devices within the project limits. The following areas will be modified:</p> <ul style="list-style-type: none"> • Park Avenue & Westview Drive – Convert from 2-way stop to a 4-way stop. • Park Avenue & Parkway Drive – Convert from 2-way stop to a 4-way stop. • College Street & Ash Street – Remove existing traffic signal and make a 2-way stop with Ash Street being the stop street. • College Street & Greene Street – Remove existing traffic signal and make a 2-way stop with Greene Street being the stop street. • College Street & North Street – Remove existing traffic signal and make a 2-way stop with North Street being the stop street. • Broadway & North Street – Remove existing traffic signal and make a 2-way stop with North Street being the stop street. • Downing Street and W. High Street – Remove the existing traffic signal and make a 4-way stop. • Downing Street and Ash Street – Remove existing traffic signal and make a 4-way stop. <p>All of these intersections were evaluated as a part of the Intersection Improvements Study and as a part of the Safe Routes to School design. While the Safe Routes to School Project is not scheduled to be constructed until this summer, we are bringing this ordinance before Commission at this time due to the lengthy timeframe that it takes to remove a signal.</p>		

BUDGETING AND FINANCIAL IMPACT (Includes project costs and funding sources)	Budgeted \$:	\$0
	Expenditure \$:	\$0
	Source of Funds:	
	Narrative	The cost to remove the traffic signals will only be the time involved for Piqua Power – Traffic Department to complete this work. The costs associated with the installation of the new stop signs and associated pavement markings will be covered as a part of the grant that we received for the Safe Routes to Schools project.
OPTIONS (Include Deny /Approval Option)	1.	Approve the ordinance to amend Section 77.01, Schedule IV and Schedule VII of the Piqua Code relating to four-way stop intersections and traffic control devices.
	2.	Do not approve the ordinance and keep the intersections as they currently exist.
PROJECT TIMELINE	All work will follow the ODOT guidelines for Traffic Signal Removals and will occur concurrently with the construction of the Safe Routes to Schools Project.	
STAFF RECOMMENDATION	Approve the ordinance to allow for the proposed modifications to the various intersections as a part of the Safe Routes to Schools Project.	
ATTACHMENTS		

RESOLUTION NO. R-20-15

**A RESOLUTION REQUESTING AUTHORIZATION
TO ENTER INTO AN AGREEMENT WITH
BOWSER-MORNER, INC. FOR THE TESTING
AND OBSERVATION SERVICES FOR THE NEW
WATER TREATMENT PLANT PROJECT**

WHEREAS, on January 6, 2015, this Commission passed Resolution No. R-6-15 authorizing the City Purchasing Analyst to advertise for bids, according to law, for testing and observation services for the New Water Treatment Plant Project; and

WHEREAS, after solicitation of Request for Qualifications, Bowser-Morner, Inc. has been determined to be the most qualified provider of these services; and

NOW, THEREFORE, BE IT RESOLVED by the Commission of the City of Piqua, Miami County, Ohio, the majority of all members elected thereto concurring, that

SEC. 1: A purchase order is hereby authorized to Bowser-Morner, Inc. for the necessary testing and observation services for the New Water Treatment Plant Project;

SEC. 2: The Finance Director certifies funds are available and is hereby authorized to draw her warrants from time to time on the appropriate account of the city treasury in payment according to contract terms, not exceeding a total of \$330,000;

SEC. 3: This Resolution shall take effect and be in force from and after the earliest period allowed by law.

LUCINDA L. FESS, MAYOR

PASSED: _____

ATTEST: _____
REBECCA J. COOL
CLERK OF COMMISSION



Commission Agenda Staff Report

MEETING DATE	February 3, 2015		
REPORT TITLE (Should match resolution/ordinance title)	A Resolution requesting authorization to enter into an Agreement with Bowser-Morner, Inc. for the Testing and Observation Services for the New Water Treatment Plant Project.		
SUBMITTED BY	Name & Title: Amy Havenar, P.E., City Engineer		
	Department: Engineering		
AGENDA CLASSIFICATION	<input type="checkbox"/> Consent	<input type="checkbox"/> Ordinance	<input checked="" type="checkbox"/> Resolution <input type="checkbox"/> Regular
APPROVALS/REVIEWS	<input checked="" type="checkbox"/> City Manager		<input type="checkbox"/> Asst. City Manager/Finance
	<input type="checkbox"/> Asst. City Manager/Development		<input type="checkbox"/> Law Director
	<input type="checkbox"/> Department Director		<input type="checkbox"/> Other:
BACKGROUND (Includes description, background, and justification)	<p>As a part of the construction of the New Water Treatment Plant, the City is responsible for contracting with a consultant to provide the necessary testing and observation services for a variety of the components associated with the construction of the new Water Treatment Plant as per the specifications. A few of those services are as follows:</p> <ul style="list-style-type: none"> • Quality Control • Earthwork • Trenching, Backfill & Compaction • Unit Masonry • Reinforcing Steel • Cast-in-Place Concrete • Asphalt Pavement • Structural Steel <p>After soliciting for Request for Qualifications (RFQ's), Bowser-Morner, Inc. was selected to provide a Technical Proposal for the engineering design services.</p>		
BUDGETING AND FINANCIAL IMPACT (Includes project costs and funding sources)	Budgeted \$:	\$400,000	
	Expenditure \$:	\$330,000 (includes 15% contingency)	
	Source of Funds:	Water Department – Ohio Water Development Authority (OWDA) Loan	
	Narrative	The costs incurred for the testing & observation services will be funded through the OWDA loan that the City has secured for the construction of the new Water Treatment Plant.	

<p style="text-align: center;">OPTIONS (Include Deny /Approval Option)</p>	1.	Approve the resolution to enter into an agreement with Bowser-Morner, Inc. for the testing & observation services
	2.	Do not approve the resolution and therefore, do not complete the testing & observation services for the new Water Treatment Plant construction.
<p style="text-align: center;">PROJECT TIMELINE</p>	The testing & observation services would run concurrently with the construction of the new Water Treatment Plant which has a 30-month duration.	
<p style="text-align: center;">STAFF RECOMMENDATION</p>	Approve the resolution to allow for Bowser-Morner, Inc. to complete the necessary testing & observation services.	
<p style="text-align: center;">ATTACHMENTS</p>	Technical Proposal	



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SINCE 1911

4518 Taylorsville Road
P.O. Box 51
Dayton, OH 45401-0051
937-236-8805
937-233-2016 FAX
www.bowser-morner.com

January 26, 2015

Ms. Amy Havenar, P.E.
City of Piqua
201 W. Water Street
Piqua, Ohio 45356

Re: Proposal No. 990-9555, Testing & Observation
Services for the City of Piqua, Water Treatment
Plant, Piqua, Ohio

Dear Ms. Havenar,

We are pleased to submit a revised suggested budget for field testing and observation services for the City of Piqua, Water Treatment Plant, Piqua, Ohio project. This supersedes the proposal submitted on January 16, 2015. Bowser-Morner, Inc. is staffed with experienced technicians who are **crossed-trained and equipped to perform the various required examinations and testing** in order to provide an **economical and cost effective service** during construction of this project. The total cost of these services is entirely dependent on the contractor's schedule and their construction efficiency. The budget estimate is not a "lump sum" or "not to exceed" amount. Bowser-Morner, Inc. will inform you when 80 percent of this budget estimate has been expended. We are able to provide services under the following AIA and CSI general category construction specification sections and the Ohio Building Code:

- **QUALITY CONTROL & SPECIAL INSPECTIONS**
(01 400) (01 410)
- **EARTHWORK** (02200, 02221, 02230)
(Embankments, Backfill & Subgrade)
OBC 1704.7
- **TRENCHING, BACKFILL & COMPACTION**
(02221)
- **UNIT MASONRY – MORTAR/GROUT**
(04 200) OBC 1704.5
- **STRUCTURAL STEEL** (05 120) OBC 1704.3
- **ANCHOR BOLTS/FASTENERS** (05 500)
OBC 1703.4.2 & 1704.4
- **ASPHALT PAVEMENT** (02500)
- **REINFORCING STEEL** (03 200)
OBC 1704.4
- **CAST-IN-PLACE CONCRETE** (03 300)
OBC 1704.4
- **ROOF TRUSSES** (05 440) OBC 1704.3
- **ALUMINUM WELDING** (05 500) OBC 1701.2
- **CONCRETE PAVEMENT AND WALKS** (02515)
(Including Aggregate Bases)
- **METAL BUILDING SYSTEMS** (013 125)

Bowser-Morner is an AASHTO certified laboratory for soils, concrete, asphalt and aggregates.

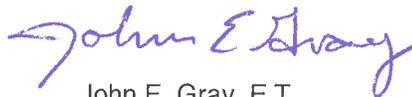
ANALYTICAL SCIENCES • GEO-ENVIRONMENTAL SERVICES • CONSTRUCTION SERVICES

DAYTON • TOLEDO • CINCINNATI • LEXINGTON • SPRINGFIELD • BIRMINGHAM

Bowser-Morner, Inc. cannot divulge any information from reports or test results to any person or company who is not our client on this project without the expressed written consent of our client. Hence, we request that you complete the attached "Report Distribution Sheet" (please include e-mail addresses and/or fax numbers) if you need any other company or person to receive a copy of the reports or test results on this project.

We are looking forward to serving you, and if you have any questions or if we can help you in any way, please contact us.

Respectfully submitted,
BOWSER-MORNER, INC.



John E. Gray, E.T.
Manager
Field Services Department

JEG/ddl
Quote Form B-Mod.
2-Addressee
1-File

Accepted: City of Piqua

Signature

Name

Title

Date



II. MATERIAL TESTING SERVICES BUDGET ESTIMATE AND FEE SCHEDULE

The budget estimates established below are based on the specifications, plans, and estimated duration of 27 months provided as a part of the Request for Proposal and as discussed in our interview meeting. In addition, the contractor’s estimated concrete and soil volumes were provided by e-mail on December 19, 2014. It is understood the services will be performed on a continuous basis where directed by the project specifications and on a will-call basis for periodic observations. The client will have control over the amount of services provided by Bowser-Morner, Inc.

Bowser-Morner personnel working on site will provide daily written reports for documentation of each activity observed, monitored, and tested. The daily reports will be compiled into a weekly summary report.

The daily and weekly reports will include typical project components of underground site utilities and subgrade soils below foundations. Reinforcing steel for foundations, slab on grade and on deck, structural steel, and items of non-conformance. For items of non-conformance or items requiring corrective measures, additional documentation will be made of the corrected work.

A. EARTHWORK – EMBANKMENTS, SUBGRADES, AND BACKFILL (OBC-1704.7) (02200)

A Level II technician equipped with a nuclear testing gauge will be on site on a full time basis to continuously monitor embankment construction and subgrade preparation for fills by verifying that the soil conditions are consistent with the information in the geotechnical report and by proof rolling operations. The technician will observe and monitor foundation soils for compliance with the project specifications. He will also monitor the placement, installation, backfilling, and compaction of underground sanitary, storm water, gas, power, and other buried utilities included in this project.

Samples of the embankment and backfill materials will be obtained for Proctor tests. Gradations with Atterburg limits will be verified for embankment materials. The technician will verify the placement and lift thickness of engineered and backfill materials, and will conduct field moisture/density tests in compliance to the project specifications for each lift of fill. Site work backfill and fills for pavements will be compacted to the requirements of outlined in project specifications.

Laboratory Testing and Equipment Fees in Support of Level II Technician:

Embankment Construction and Utility Construction and Backfill:

- 6 Proctor Curves on Fill Material
- 6 Classifications
- 171 Days of Nuclear Gauge

Estimated Budget

\$5,350.00

B. CAST-IN-PLACE CONCRETE FOR FOUNDATIONS, WALLS, SLABS, REINFORCING STEEL (OBC 1704.4) (03300)

A Level II technician, ACI certified, will be on site full time to provide continuous observation and monitoring during concrete placement of footers, slabs, wall, decks, and other miscellaneous concrete. Prior to the placement of concrete, the technician will check the placement of reinforcing steel for compliance with the project plans with respect to size, grade, spacing, overlap, and ties. The technician will monitor the installation of formwork.

Bowser-Morner will review the design mix of each class of concrete provided by the concrete producer for compliance with the project specifications.

During concrete placement, the technician will sample and perform applicable testing of plastic concrete – temperature, slump, and air content – in accordance to the project specifications as well as ASTM and ACI standards. The technician will make one set of five concrete test cylinders at the intervals specified, and no less than one set per day per class of concrete. The technician will observe that proper vibrating equipment is being utilized during the pour and that curing methods are in accordance with the project specifications.

The technician will pay particular attention to concrete placement during periods of cold ambient temperatures.

This work overlaps with, and is concurrent with other site activities.

No pour schedule was provided for this phase of work and the number of placements directly affects the testing service cost. Given the nature of Water Treatment Plant Construction, the concrete is estimated



to be placed with about 30 percent of the pours of 100 to 150+ cubic yards and the remaining pours will be 100 cubic yards or less. Based on these assumptions we estimate that 307 sets of 5 cylinders will be required over the period of construction.

Laboratory Testing to Support One Technician Level II (ACI Certified) for 15,000 cu.yd. Concrete:

- 45 Pours \geq 100 cu.yd.
- 262 Pours < 100 cu.yd.
- 230 Prepour Rebar Verification
- 307 Sets of 5 Cylinders – 1535 Cylinders

Estimated Budget

\$28,544.00

C. MASONRY

A technician will be provided on a part-time basis (except when required on a continuous basis) to observe and verify the construction of masonry walls and partitions, per the Ohio Building Code requirements for Level I inspections and/or the field quality control section of the project specifications.

The technician will review the mix design for mortar and grout for compliance with the project specifications and will monitor on-site mixing operations to verify compliance with the mix design. The technician will verify that the grout space is clean prior to grout placement and monitor the procedures used for proper installation methods including the placement size, grade, and type of reinforcing steel. The technician will monitor the protection and curing of mortar and grout during periods of cold or hot ambient temperatures.

The technician will sample and make test specimens of mortar and grout during placement at intervals specified in the project documents and return the specimens to the laboratory for compressive strength.

Laboratory Testing to Support CMU Wall Examination for Structures:

- 12 Sets of 3 Mortar Cubes
- 12 Sets of 4 Grout Prisms

Estimated Budget

\$2,856.00

D. STEEL TECHNICIAN LABOR

A technician will be provided on a part time basis (except when required on a continuous basis) to examine structural steel construction per the Ohio Building Code and the project specifications. The technician will verify member sizes, structural joints, and welder's certifications. High strength bolted snug tightened and slip critical connections will be examined to confirm correct tightness per the specifications using a calibrated torque wrench where required. Welded connections will be visually examined per AWS D1.1.

Steel Technician

Technician $\$49.00 \times 15 \text{ Days} \times 8 \text{ Hours}$

\$5,880.00

E. TECHNICIAN LABOR

We estimate our Level II technician will be required on the project 85 percent of the total planned working days and the Level I (second) technician 5 percent of the total planned working days.

We have been informed the contractor anticipates little to no overtime is planned for this project. For budget purposes, we are including ten hours per month for the Level II technician only.

Level II Technician

- Lead Technician (Standard Rates) $\$40.50 \times 399 \text{ Days} \times 8 \text{ Hours} (\times 0.85)$ \$109,885.00
- Lead Technician (Winter Rates) $\$39.00 \times 172 \text{ Days} \times 8 \text{ Hours} (\times 0.85)$ \$45,614.00

Level I Technician

- Level I Technician (Standard Rates) $\$39.00 \times 399 \text{ Days} \times 8 \text{ Hours} (\times 0.10)$ \$12,448.80
- Level I Technician (Winter Rates) $\$37.50 \times 172 \text{ Days} \times 8 \text{ Hours} (\times 0.10)$ \$5,160.00

Technician Overtime (Level II Technician Only at 10 Hours per Month)

- Level II Technician (Standard Rates) $20 \text{ Months} \times 10 \text{ Hrs} \times \40.50×1.4 \$11,340.00
- Level II Technician (Winter Rates) $8 \text{ Months} \times 10 \text{ Hrs} \times \39.50×1.4 \$4,368.00

Summary of Fees for Professional Services

• Report Review by Project Engineer 5145 Hours × 0.1 × \$70.00	\$36,015.00
• Mileage 530 Trips × 54 Miles × \$0.65	\$18,603.00
• Soils Equipment and Laboratory	\$5,350.00
• Concrete Equipment and Laboratory	\$28,544.00
• Masonry Equipment and Laboratory	\$2,856.00

ESTIMATED BUDGET FOR ITEMS A THROUGH E**\$286,063.80****F. UNIT FEE SCHEDULE****1. OBSERVATION AND TESTING SERVICES (3.0 Hour Minimum)**

a) Soil, Concrete, Reinforcing Steel, & Masonry	
1) Senior Technician (Lead Technician - Technician II)	\$ 40.50/hour*
*(Winter Rates Will Apply from January 1 through March 31)	\$ 39.00/hour
2) Field Technician (Technician I)	\$ 39.00/hour*
*(Winter Rates Will Apply from January 1 through March 31)	\$ 37.50/hour
b) Steel Technician - Bolt Torquing, Visual Weld Examination, and Anchor Bolt Pull-Out Tests	\$ 49.00/hour
c) Rate Multiplier for Technician Over 40 Hours/Week Including Weekends & Holidays	1.40
d) Mileage – Round Trip to Project	\$ 18.00/trip
e) Mileage to Fabrication Plants (if required)	\$ 0.65/mile
f) Nuclear Density/Moisture Gauge (ASTM D-2922/D-3017)	\$ 15.00/day
g) Report Review by Project Engineer 0.1 Hour/Each Technician Field Hour	\$ 70.00/hour
h) Special Trips Required For Sampling, Soil or Base Material, or Cylinder Pick-Up if Needed (Includes Mileage & Labor)	\$ 69.00/trip

2. LABORATORY TESTING SERVICES FOR CONCRETE, MORTAR AND GROUT

a) Cylinders – Compressive Strength (ASTM C-39)	\$ 16.00/each
b) Cubes – 2 x 2 Compressive Strength (ASTM C-109)	\$ 19.00/each
c) CMU Compressive Strength & Absorption (ASTM C-140)	\$260.00/set of 6
d) Grout Prisms - 3x3 Compressive Strength (ASTM C1019)	\$ 19.00/each

3. LABORATORY TESTING SERVICES FOR SOILS & AGGREGATES

a) Proctor (Moisture – Density) Curves (ASTM D-698/D-1557)	\$169.00/each
b) Grain Size Analysis (Sand and Gravel)	
1) Aggregate Gradation Coarse and Fine (6 Sieves) (ASTM C-136)	\$ 49.00/each
2) Aggregate Base (Includes No. 200 Sieve/Decant)	\$ 99.00/each
3) Aggregate Decantation (ASTM C-117)	\$ 45.00/each
c) Classification - Granular Soils (ASTM D-422/D-2216)	\$ 60.00/each
d) Atterburg Limit (ASTM D-4318)	\$ 68.00/each

4. STRUCTURAL STEEL

a) Non-Destructive Tests on Full Penetration Welds (Sub Contracted to American Testing Services, Dayton, Ohio)	Quoted on Request
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5. ADMINISTRATIVE PERSONNEL

a) Principal Engineer	\$150.00/hour
b) Senior Engineer, P.E.	\$125.00/hour
c) Project Engineer	\$ 90.00/hour
d) Administrative Assistant	\$ 35.00/hour

The fees in this proposal are valid through April 30, 2017.**BOWSER
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RESOLUTION NO. R-21-15

A RESOLUTION ACQUIRING THE SERVICES OF POWER SYSTEM ENGINEERING, INC. TO PROVIDE PROFESSIONAL ENGINEERING SERVICES FOR THE CITY

WHEREAS, it is deemed advisable for the City to retain the services of Power System Engineering, Inc. as a professional firm to provide engineering services for the Power System; and

WHEREAS, Power System Engineering, Inc. will provide professional services for which the solicitation of bids would, in the City Manager's judgment, be of no material benefit.

NOW, THEREFORE, BE IT RESOLVED by the Commission of the City of Piqua, Miami County, Ohio, the majority of all members elected thereto concurring, that:

SEC. 1: Power System Engineering, Inc. is hereby retained by the City of Piqua as a professional engineering firm.

SEC. 2: The Finance Director certifies funds are available and is authorized to draw her warrant on the appropriate account of the city treasury according to contract terms, not to exceed \$34,000.

SEC. 3: It is found and determined that all formal actions of this Commission concerning and relating to the adoption of this resolution were adopted in an open meeting of this Commission, and that all deliberations of this Board and of any of its committees that resulted in such formal action, were in meetings open to the public, in compliance with all legal requirements;

SEC. 4: This Resolution shall take effect and be in force from and after the earliest period allowed by law.

LUCINDA L. FESS, MAYOR

PASSED: _____

ATTEST: _____
REBECCA J. COOL
CLERK OF COMMISSION



Commission Agenda Staff Report

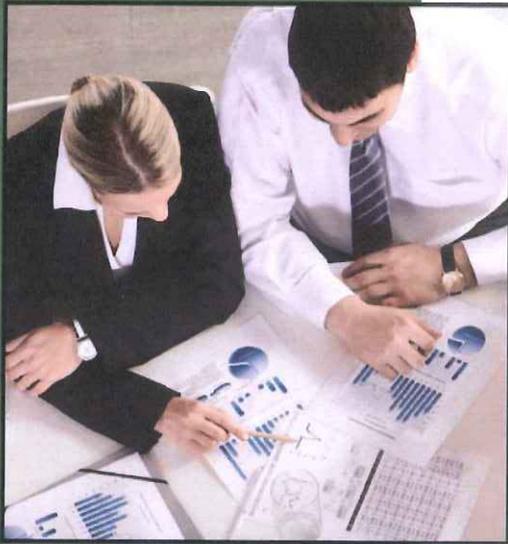
MEETING DATE	February 3, 2015		
REPORT TITLE	A RESOLUTION ACQUIRING THE SERVICES OF POWER SYSTEM ENGINEERING, INC. TO PROVIDE PROFESSIONAL ENGINEERING SERVICES FOR THE CITY		
SUBMITTED BY	Name & Title: Nick Berger, Asst. Power System Director		
	Department: Power System		
AGENDA CLASSIFICATION	<input type="checkbox"/> Consent	<input type="checkbox"/> Ordinance	<input checked="" type="checkbox"/> Resolution
APPROVALS/REVIEWS	<input checked="" type="checkbox"/> City Manager		<input type="checkbox"/> Asst. City Manager/Finance
	<input type="checkbox"/> Asst. City Manager/Development		<input type="checkbox"/> Law Director
	<input checked="" type="checkbox"/> Department Director; Ed Krieger		<input checked="" type="checkbox"/> Other: Energy Board
BACKGROUND	<p>Over the past several years, the power system has invested a significant amount of time and money in a variety of technologies. These technologies not only increase the reliability of our utility but also enhance the day-to-day effectiveness of our operations. Through these advancements, the power system has the ability to enter in new technology markets like Advanced Meter Infrastructure (AMI), and Distribution Automation and Substation Modernization. However, it is important these new capabilities integrate with our existing operations. It is also important to develop a strategic implementation plan that will prioritize future technologies.</p> <p>Power System Engineering, Inc. (PSE) has developed a technology work plan proposal tailored to our situation and identified needs. PSE's staff has the expertise and the experience in a variety of areas including: utility strategic planning, hands-on technology solutions for SCADA, distribution automation, system integration, substation automation, AMI, GIS, OMS, and meter data management systems. The power system has requested PSE to present their final plan during the June energy board meeting.</p>		

BUDGETING AND FINANCIAL IMPACT	Budgeted \$:	\$35,000
	Expenditure \$:	\$34,000
	Source of Funds:	401-291-923-7553 (Outside Services – Contractual)
	Narrative:	Included in the 2015 Power System budget is \$35,000 to conduct a Technology Work Plan. Resolution No. R-21-15 has a not to exceed price of \$34,000.
OPTIONS	1.	Approve Resolution No. R-21-15 acquiring the services of Power System Engineering, Inc. to provide professional engineering services to the City
	2.	Do not approve the Resolution and provide staff with further direction
PROJECT TIMELINE	Attached is a proposed timeline from PSE. PSE is schedule to present the final report to the Energy Board during the June 23, 2015 meeting.	
STAFF RECOMMENDATION	Approve Resolution No. R-21-15 acquiring the services of Power System Engineering, Inc. to provide professional engineering services to the City	
ATTACHMENTS	<ol style="list-style-type: none"> 1. PSE proposal Information 2. PSE project timeline 	

ID	WBS	Task Name	Duration	Feb '15							Mar '15							Apr '15							May '15							Jun '15						
				1/25	2/1	2/8	2/15	2/22	3/1	3/8	3/15	3/22	3/29	4/5	4/12	4/19	4/26	5/3	5/10	5/17	5/24	5/31	6/7															
1	1	Kickoff Web Meeting	0 days	2/11																																		
2	2	Information Request	13 days	2/11 — 2/27																																		
3	2.1	PSE Prepare Info Request	3 days	2/11 — 2/13																																		
4	2.2	Piqua Complete Info Request	10 days	2/16 — 2/27																																		
5	3	Onsite Strategic Work Session	12 days	3/2 — 3/17																																		
6	3.1	Preparation	12 days	3/2 — 3/17																																		
7	3.2	Onsite Worksession	2 days	3/11 — 3/12																																		
8	4	Analysis and Key Topic Web Meetings	30 days	3/2 — 4/10																																		
9	4.1	Detailed topic analysis	30 days	3/2 — 4/10																																		
10	4.2	Key Topic 1 Web Meeting	0 days	3/19 — 3/19																																		
11	4.3	Key Topic 2 Web Meeting	0 days	3/25 — 3/25																																		
12	4.4	Key Topic 3 Web Meeting	0 days	3/31 — 3/31																																		
13	5	TWP Report	28 days	4/13 — 5/20																																		
14	5.1	Create Draft TWP Report	15 days	4/13 — 5/1																																		
15	5.2	TWP Draft Report Review Web Meeting	1 day	5/4 — 5/4																																		
16	5.3	Piqua Review / Edit Draft Report	5 days	5/5 — 5/11																																		
17	5.4	PSE Update TWP Report	5 days	5/12 — 5/18																																		
18	5.5	Prepare Board Presentation	5 days	5/12 — 5/18																																		
19	5.6	Piqua Review Board Presentation	2 days	5/19 — 5/20																																		
20	6	Present Report to Board/Commission	1 day	5/26																																		

Project: Piqua TWP Schedule 20
Date: Tue 1/6/15

Task	Inactive Summary	External Tasks
Split	Manual Task	External Milestone
Milestone	Duration-only	Deadline
Summary	Manual Summary Rollup	Progress
Project Summary	Manual Summary	Manual Progress
Inactive Task	Start-only	
Inactive Milestone	Finish-only	



Technology Work Plan

Proposal Prepared for:
Piqua Municipal Power System

November 3, 2014

Contact: Rick Schmidt

schmidtr@powersystem.org

Direct: 608-268-3502

Mobile: 608-358-5661

Fax: 608-222-9378

1532 W. Broadway
Madison, WI 53713

www.powersystem.org

November 3, 2014

Sent via email: nberger@piquaoh.org

Nick Berger
Assistant Director – Technical Services
City of Piqua Power System
201 Hemm Ave.
Piqua, OH 45356

Subject: Technology Work Plan Proposal

Dear Mr. Berger:

Thank you for taking the time to learn more about Power System Engineering, Inc. (PSE)'s Technology Work Plan (TWP). Based on our understanding of Piqua Municipal Power System (Piqua)'s needs, we have created a proposal to develop a roadmap that will guide Piqua in the advancement of technology. Our proposed process and final product is guaranteed to strengthen internal collaboration and common understanding of Piqua's future.

PSE is a national leader specializing in assisting utilities with technology projects. The fundamental basis of our proposed approach is to leverage the experience and analysis PSE has gained on many other projects, engage Piqua staff throughout the project, and develop an automation/technology strategy that reflects the collective insights and experience of the combined PSE and Piqua team.

We believe PSE is uniquely qualified for this project in terms of our breadth and depth of expertise and experience, as well as our focus on utilities. We bring both technical knowledge and an understanding of a utility's business and needs. We also know the suppliers of solutions for utilities.

We are currently involved in procurement and implementation work for advanced metering infrastructure (AMI), meter data management systems (MDMS), substation automation, next generation SCADA systems, broadband backbone communications infrastructure, distribution automation, geographic information systems (GIS), mobile workforce management (MWM), and various automation integration projects, to name a few. All of the projects we are working on or have completed in this area usually begin with a strategic planning phase such as a TWP.

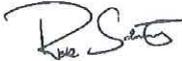
Should you want us to **modify any aspect of our proposal please let us know**. We are flexible to tailor tasks, level of detail, schedule, or costs to strike the balance Piqua would like to see.

If you have questions on our proposal or would like to discuss any aspect, I can be reached at schmidtr@powersystem.org, 608-268-3502 (direct line), or 608-358-5661 (mobile). If this proposal is acceptable as is, we can start as soon as requested.

1532 W. Broadway, Madison, WI 53713

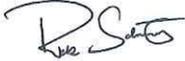
Tel: 608.222.8400 • Fax: 608.222.9378 • Web Site: www.powersystem.org
Madison, WI • Minneapolis, MN • Marietta, OH • Indianapolis, IN • Sioux Falls, SD

Sincerely,



Rick Schmidt
Practice Lead – Technology Planning & Automation

You can sign below if the scope meets your requirements, which will allow us to start the project.



11/03/2014

Signature and Date

Signature and Date

Rick A. Schmidt- Vice President
Print name and title

Print name and title

Power System Engineering, Inc.
Company Name

Piqua Municipal Power System
Company Name

II Benefits of doing a Technology Work Plan

Power System Engineering, Inc. (PSE) has been assisting utilities like Piqua for years with their technology and communication needs. We thought that a great resource for utilities would be a technology work plan (TWP), which gives the utility a layout of their technology programs for the next 3-5 years. Some of the benefits of doing a TWP are:

1. **Expertise.** You will have a group of PSE experts in a number of different areas working with you on this TWP, so that you have the person with the most experience assisting you in any particular area. The consultants at PSE specialize in a variety of areas including, utility strategic planning, creating business cases, hands-on technology solutions for SCADA, distribution automation (DA), system integration, substation automation, advanced metering infrastructure (AMI), geographic information system (GIS), outage management systems (OMS), and meter data management systems (MDMS). The project manager will be a reliable contact to assure your input and concerns are always heard.
2. **Budgeting & Cost Savings.** You will have a budget breakdown for each application that is looked at, which will help Piqua prepare for end-of-the-year budgeting. The analysis helps avoid major mistakes that are sometimes quite costly. PSE has found that in most cases, the cost of developing a technology plan is less than one percent of a utility's capital cost to purchase the technology, so starting with a well thought out plan that has cross-departmental buy-in, is good business practice.
3. **Key Indicators.** There are some additional key indicators that we will uncover while working with your management team and managers that will influence the roadmap: 1) present staffing levels and near-term plan for employee retirements, 2) automation system approach – best in class versus purchasing as much as possible from a single vendor, 3) an integration approach of systems, 4) communications infrastructure gaps, 5) needs for data management in MDMS, and 6) others.
4. **Prioritization.** At the conclusion of the project, you will have an understanding of what priority/order you should implement different technologies based on your gaps and identified priorities.
5. **Technologies.** Determine the best mix of technologies to deploy during each calendar year based on a high-level feasibility assessment. This combines a review of the costs, the cost savings, the areas where improvement is gained, the resources it takes to deploy and other factors. There are some programs where costs are low, the resources are low to deploy, and the benefits are ranked to be in the middle compared with other technology programs.
6. **Education.** PSE will educate the Piqua project team on the various technology programs during the course of the project and PSE will seek input from the Piqua team on what they like, dislike, etc. This allows the recommendations to be created while receiving Piqua's input along the way.

7. **Consensus.** We will work with all the different departments at Piqua (Engineering, IT, Customer Service, etc.) to get buy in from everyone, so that you have everyone on the same page, agreeing with the plan that is being developed for Piqua.

What can happen without a plan?

Sometimes poor technology decisions can be made if you don't have a plan, such as:

- Not selecting programs that are most needed. For example, if the major goal is improved reliability, then why make **major** investments in productivity improvement areas.
- Purchasing systems that don't integrate.
- Having much shorter life cycle with major automation investments, and not having a scalable IT infrastructure
- Implementing a technology without taking into account how future systems will work with the new system.

RESOLUTION NO. R-22-15

**A RESOLUTION AWARDING A CONTRACT TO NIAGARA
TRANSFORMER CORPORATION FOR THE PURCHASE
OF A TRANSFORMER FOR THE POWER SYSTEM**

WHEREAS, the present operations of the City require the purchase of transformers for the Power System; and

WHEREAS, after proper advertisement, bids were opened resulting in the tabulation of bids as listed in Exhibit "A" attached hereto;

NOW, THEREFORE, BE IT RESOLVED by the Commission of the City of Piqua, Miami County, Ohio, the majority of all members elected thereto concurring, that:

SEC. 1: A contract with Niagara Transformer Corp. for the purchase of one transformer is hereby approved as the lowest, responsible bidder for said project and the City Manager is hereby authorized to execute a contract with said bidder pursuant to contract specifications;

SEC. 2: The Finance Director certifies funds are available is hereby authorized to draw her warrants from time to time on the appropriate account of the city treasury in payment according to contract terms, not exceeding a total of \$92,090.

SEC. 3: This Resolution shall take effect and be in force from and after the earliest period allowed by law.

LUCINDA L. FESS, MAYOR

PASSED: _____

ATTEST: _____
REBECCA J. COOL
CLERK OF COMMISSION



Commission Agenda Staff Report

MEETING DATE	February 3, 2015		
REPORT TITLE	A RESOLUTION AWARDING A CONTRACT TO NIAGARA TRANSFORMER CORPORATION FOR THE PURCHASE OF A TRANSFORMER FOR THE POWER SYSTEM.		
SUBMITTED BY	Name & Title: Nick Berger, Asst. Power System Director		
	Department: Power System		
AGENDA CLASSIFICATION	<input type="checkbox"/> Consent	<input type="checkbox"/> Ordinance	<input checked="" type="checkbox"/> Resolution
APPROVALS/REVIEWS	<input checked="" type="checkbox"/> City Manager		<input type="checkbox"/> Asst. City Manager/Finance
	<input type="checkbox"/> Asst. City Manager/Development		<input type="checkbox"/> Law Director
	<input checked="" type="checkbox"/> Department Director; Ed Krieger		<input checked="" type="checkbox"/> Other: Energy Board
BACKGROUND	<p>Each year the Power System solicits bids to replenish transformer inventory. Bids were received from two vendors for a replacement transformer for the induction furnace transformer at Champion Foundry on January 13, 2015. As is our standard procedure, the bids were evaluated on a present value basis for the total cost to own and operate over a twenty-five year expected life. This evaluation considers not only the initial cost but also the operational cost associated with the transformer core and winding losses.</p> <p>The existing transformer at Champion Foundry has no back-up. It was purchased as a used emergency replacement in May of 2010 and was manufactured in 1977. Once the replacement transformer is received and installed, the existing transformer will serve as an emergency back-up.</p> <p>Niagara Transformer Corp. was the successful bidder for a replacement transformer for Champion Foundry's induction furnace transformer at a cost of \$92,090.</p>		
BUDGETING AND FINANCIAL IMPACT	Budgeted \$:	\$150,000	
	Expenditure \$:	\$92,090	
	Source of Funds:	Power System (190-3368)	
	Narrative:	Included in the 2015 Power System budget is \$150,000 for distribution transformers. Resolution No. R-22-15 has a not to exceed price of \$92,090.	

OPTIONS	1.	Approve Resolution No. R-22-15 awarding a contract to Niagara Transformer Corp. for the purchase of one transformer for the power system at a cost not to exceed \$92,090.
	2.	Do not approve Resolution No. R-22-15 and provide staff with further direction.
PROJECT TIMELINE	Niagara's delivery will be 32 weeks after drawings are approved.	
STAFF RECOMMENDATION	Approve the Resolution No. R-22-15 awarding a contract to Niagara Transformer Corp. for the purchase of a transformer at a not to exceed price of \$92,090.	
ATTACHMENTS	Exhibit A – Evaluated bid results Niagara Transformer Corp. Informational Sheet	

*Piqua Power System
Transformer Bid Results*

Date: 1/14/2015

Evaluated By: Nick Berger

Size: 1500 KVA

Primary Voltage:

13200 DELTA

Secondary Voltage:

779 / 1350 Wye

Transformer Type:

Custom Liquid-Immersed, Furnace Transformer
Application: Induction Furnace

Quantity: 1

	<i>Vendor</i>	<i>Manufacturer</i>	<i>Purchase Price</i>	<i>Evaluated Cost</i>
1	Niagara	Niagara	\$92,090.00	\$147,359.19
2	OTC Services	OTC	\$79,514.00	\$154,255.20

Lowest and Best Bid:

Vendor: Niagara

Total Cost: \$92,090.00

A full range of capability.

The strength of Niagara Transformer is our ability to understand customers' requirements and to respond by providing the most efficient and reliable transformers to meet their most demanding needs.

Our Liquid-Immersed transformers have current ratings of up to 50 MVA and 69 kV. Our unparalleled experience has made us experts with a very diverse group of dielectric fluids, including Mineral Oil, our preferred High Fire-Point Fluid Envirotemp® FR3™, as well as Alpha®, Beta®, Midel®, BioTemp® and Silicone Fluids.

Our primary focus is to provide a customer-designed transformer without taking any exceptions. We are able to meet your needs, even if you require non-standard features like non-standard impedances, very low sound levels, special frequencies and non-standard voltages.

Niagara Transformer can provide multi-winding, multi-tapped, high-current designs to meet all of your demanding industrial applications. We can meet your environmental concerns of extreme ambient, corrosive atmospheres, and Class 1, Division 2, Group C and D hazardous classifications.



25Hz Traction



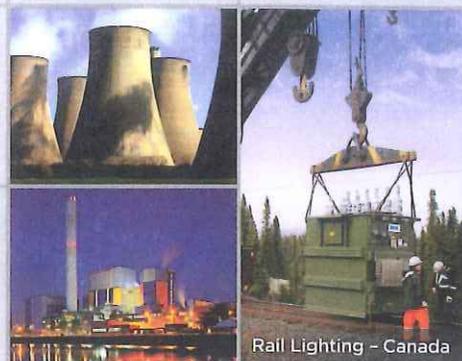
Investor-owned Utility Substation

Niagara Transformer is one of the few companies that still provide a full line of transformer products for both general-purpose use and the special needs of all of the industries we serve. Our team of dedicated engineers is qualified to produce special products like Three-Phase Voltage Regulators, Grounding Transformers and Reactors.

Put Niagara Transformer's unprecedented, reliable transformers to work for you. For more information, call **716.896.6500** or visit niagaratransformer.com.



Low Loss Compartmentalized Padmount - Antarctica



Staying power

- More than 70 years in the business
- Over 300 years of transformer design experience
- Over 600 years of transformer manufacturing experience
- Selling around the corner or across the globe to 75 countries
- 24/7/365 complete technical customer service
- Green solutions
- Long-term relationship focused
- Total cost of ownership focused
- Industry-leading quotation speed and approval drawing production
- Fast and reliable shipping schedules
- Field service/commissioning/site acceptance testing
- Consulting
- Installation
- Training
- Maintenance
- Open-door policy - any day, any time
- Proudly made in the USA



Utility Substation - Canada



Applications

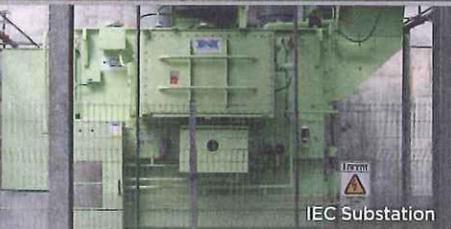
- General Purpose
- Voltage Regulation
- Power Generation
Generator Step-Up
- Power Generation Unit Auxiliary
- Power Generation Station Service
- Grounding
- Transit
- Extra Heavy-duty Traction Service
- Process and High-Current
Rectification
- Cycloconverter
- Arc and Induction Furnace
- Excitation
- Motor Drive Duty
- Motor Starting
- Retrofit
- Test
- Isolation
- Reactive Power Control
- Current Limiting
- Phase-Shifting
- Low/High Ambient Temperatures
- Marine
- Corrosive Environments
- Mining



Municipal Utility Substation



Investor-owned Utility Substation



IEC Substation

Configurations

- Circular
- Rectangular
- Layer
- Disc
- Helical
- Step-Down
- Step-Up
- Single-Phase
- Three-Phase
- Auto-Transformer
- Two-Windings
- Three-Windings
- Four-Windings
- Tertiary Winding
- Zig-Zag
- Scott-T
- Dual Primary Voltages and/or
Dual Secondary Voltages
- Non-Standard Voltage Taps
- Automatic On Load
Tap Changer Switch
- 6, 12, 18, 36 and 48 Pulse
- 25Hz, 50Hz, 60Hz Frequency
- Non-Standard Impedances
- Gapped Core



Copper Electrowinning

Certifications and Standards

- ISO 9001:2008
- Underwriters Laboratories (UL)
- Rural Utility Service (RUS)
- Det Norske Veritas (DNV)
- American Bureau
of Shipping (ABS)
- Canadian Standards
Association (CSA)
- RoHS/RoHS China
- WEEE Directive
- European Union (CE)
- International Electrical
Commission (IEC)
- DOE Energy Efficiency Compliant
- US EPA Green Supplier Beta Site
- Process Industry Practices (PIP)



Investor-owned Utility Substation



NIAGARA TRANSFORMER CORP.

RESOLUTION NO. R-23-15

**A RESOLUTION AWARDING A CONTRACT TO ERMCO
FOR THE PURCHASE OF TRANSFORMERS
FOR THE POWER SYSTEM**

WHEREAS, the present operations of the City require the purchase of transformers for the Power System; and

WHEREAS, after proper advertisement, bids were opened resulting in the tabulation of bids as listed in Exhibit "A" attached hereto;

NOW, THEREFORE, BE IT RESOLVED by the Commission of the City of Piqua, Miami County, Ohio, the majority of all members elected thereto concurring, that:

SEC. 1: A contract with Ermco for the purchase of three transformers are hereby approved as the lowest, responsible bidders for said project and the City Manager is hereby authorized to execute a contract with said bidder pursuant to contract specifications;

SEC. 2: The Finance Director certifies funds are available and is hereby authorized to draw her warrants from time to time on the appropriate account of the city treasury in payment according to contract terms, not exceeding a total of \$52,542.

SEC. 3: This Resolution shall take effect and be in force from and after the earliest period allowed by law.

LUCINDA L. FESS, MAYOR

PASSED: _____

ATTEST: _____
REBECCA J. COOL
CLERK OF COMMISSION



Commission Agenda Staff Report

MEETING DATE	February 3, 2015		
REPORT TITLE	A RESOLUTION AWARDDING A CONTRACT TO ERMCO FOR THE PURCHASE OF TRANSFORMERS FOR THE POWER SYSTEM.		
SUBMITTED BY	Name & Title: Nick Berger, Asst. Power System Director		
	Department: Power System		
AGENDA CLASSIFICATION	<input type="checkbox"/> Consent	<input type="checkbox"/> Ordinance	<input checked="" type="checkbox"/> Resolution
APPROVALS/REVIEWS	<input checked="" type="checkbox"/> City Manager		<input type="checkbox"/> Asst. City Manager/Finance
	<input type="checkbox"/> Asst. City Manager/Development		<input type="checkbox"/> Law Director
	<input checked="" type="checkbox"/> Department Director; Ed Krieger		<input checked="" type="checkbox"/> Other: Energy Board
BACKGROUND	<p>Each year the Power System solicits bids to replenish transformer inventory. Bids were received from six vendors for transformers of various sizes, voltages, and quantities on January 13, 2015. As is our standard procedure, the bids were evaluated on a present value basis for the total cost to own and operate over a twenty-five year expected life. This evaluation considers not only the initial cost but also the operational cost associated with the transformer core and winding losses. The lowest and best bid was received from Ermco for three (3) transformers totaling \$52,542.</p>		
BUDGETING AND FINANCIAL IMPACT	Budgeted \$:	\$150,000	
	Expenditure \$:	\$52,542	
	Source of Funds:	Power System (190-3368)	
	Narrative:	Included in the 2015 Power System budget is \$150,000 for distribution transformers. Resolution No. R-23-15 has a not to exceed price of \$52,542.	
OPTIONS	1.	Approve Resolution No. R-23-15 awarding a contract to Ermco for the purchase of three transformers for the power system at a cost not to exceed \$52,542.	
	2.	Do not approve Resolution No. R-23-15 and provide staff with further direction.	

PROJECT TIMELINE	Ermco's delivery will be made within 10-12 weeks after receipt of order.
STAFF RECOMMENDATION	Approve the Resolution No. R-23-15 awarding contracts to Ermco for the purchase of three (3) transformers at a not to exceed price of \$52,542.
ATTACHMENTS	Exhibit A – Evaluated bid results

*Piqua Power System
Transformer Bid Results*

Date: 1/14/2015

Evaluated By: Nick Berger

Size: 1000 KVA

Primary Voltage: 2400/4160 X 7620/13200 7620/13200 <u> X </u>	Secondary Voltage: 120/240 <u> </u> 120/208 <u> </u> 277/480 <u> X </u> 240/480 <u> </u> 2400/4160 <u> </u>
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Transformer Type:

Conventional <u> </u>	Padmount <u> X </u>
Single Phase <u> </u>	Three Phase <u> X </u>

Quantity: 3

	Vendor	Manufacturer	Purchase Price	Evaluated Cost
1	ERMCO	ERMCO	\$17,514.00	\$52,356.31
2	PLS	Howard	\$17,500.00	\$55,035.75
3	Brownstown	Howard	\$20,000.00	\$57,535.75
4	Pepco	GE	\$13,163.00	\$63,171.56
5	Wesco	ABB	\$17,191.00	\$70,728.06
6	WENCO, LLC	Vitzro C&C	\$20,927.00	\$97,949.48

Lowest and Best Bid:

Vendor: ERMCO

Total Cost: \$52,542.00