

BELLBROOK CITY COUNCIL AGENDA

August 6, 2018



City of Bellbrook
15 E. Franklin Street
Bellbrook, Ohio 45305

T (937) 848-4666
F (937) 848-5190

www.cityofbellbrook.org

6:00 pm-Special Meeting

1. Call to Order
2. Pledge of Allegiance
3. Roll Call
4. Resolutions

Resolution 2018-Z A Resolution Approving Change Orders and Amending the Total Project Cost for the Upper Hillside Water Main Improvement Project. (Greenwood)

Resolution 2018-AA A Resolution Authorizing the City Manager to Enter Into an Amended Service Agreement with IBI Group For Engineering Services on the Upper Hillside Water Main Improvement Project and Waiving Competitive Bidding. (McGill)

5. Open Discussion
6. Adjourn

RECORD OF RESOLUTIONS

Resolution No. 2018-Z

August 6, 2018

City of Bellbrook

Resolution No. 2018-Z

A Resolution Approving Change Orders and Amending the Total Project Cost for the Upper Hillside Water Main Improvement Project

WHEREAS, on January 22, 2018 the City of Bellbrook approved Resolution 2018-F and entered into a contract with Brackney, Inc. for the construction of the Upper Hillside Water Main Improvement Project with a total contract amount of \$1,166,510.50; and

WHEREAS, during the construction process various unforeseen issues were identified by the contractor that were not a part of the original bid process; and

WHEREAS, the contractor has submitted change orders to be considered by the City of Bellbrook in order to complete the project; and

WHEREAS, the change orders to date, along with a new contingency amount total an increase of \$55,000 to the total project cost bringing the new project total to \$1,221,510.50; and

WHEREAS, these change orders have been considered by the City's engineer and deemed necessary in order to complete the project; and

Now, Therefore, the City of Bellbrook Hereby Resolves:

Section 1. That the change orders submitted by Brackney, Inc. for the Upper Hillside Water Main Improvement Project to date in the amount of \$30,404.25 are hereby accepted.

Section 2. That the City Manager is hereby authorized to approve said change orders to date submitted by Brackney, Inc. as stated above.

Section 3. That \$24,500 is dedicated to contingent costs that could occur until the project is finalized.

Section 4. That this resolution shall take effect and be in force forthwith.

Michael Schweller, Deputy Mayor

Jami L. Kinion, Clerk of Council



IBI GROUP
23 Triangle Park Drive – Suite 2300
Cincinnati OH 45246 USA
tel 513 942 3141 fax 513 881 2263
ibigroup.com

August 1, 2018

City of Bellbrook
Attn: Melissa Dodd
15 E Franklin St
Bellbrook Ohio 45305

Re: Upper Hillside Water Main Improvement Project

Dear Ms. Dodd:

In December 2017 the City received bid proposals and awarded the Upper Hillside Water Main Improvement project to Brackney Construction (bid amount: \$1,166,510.50). The project includes the replacement of the existing water main throughout the Upper Hillside Plat, the installation of a Pressure Reducing Valve (PRV) Pit to regulate water pressure in the system, and the resurfacing of all the streets within the plat. The new main will be ductile iron and reduce water main breaks in the plat. Additionally new exterior water meters will be installed on approximately 40 lots to allow the City to read the meter without entering the residence. The PRV pit located on Clear Creek Lane will regulate water pressure between the low pressure and high pressure system and will communicate with the City water system via fiberoptic cable.

During the design of the project our team and City staff worked with multiple entities in an effort to determine the best way to communicate with the proposed PRV Pit. Due to the topographic and elevation changes our team could not use a radio connection back to the water plant or public works building (with Clear Creek Lane in a hole and Upper Hillside and Main Street above we could not obtain clear line of sight for radio transmission). The City's experience with the cellular providers in the area did not provide sufficient comfort that a reliable cellular connection could be achieved. The only solution was fiberoptic cable. Once fiber was determined to be the best solution our team looked for installation options. The 2 options were buried or aerial (on a pole line) installation. We worked with Jacobs Telephone, Delta Controls and DP&L for more than 6 months prior to bidding to determine if aerial was an option. In order to meet the completion date of August 17, 2018 we needed to bid the project but had not yet been able to determine if the preferred aerial solution was feasible. We finally received word on July 27th that DP&L will allow for the installation of the fiberoptic line on the existing pole line (see attached). This will generate a change order to the project.

In addition to the upgrade of the fiberoptic cable from a buried trench to an aerial installation several other unforeseen items have come up during construction which have generated additional unplanned costs to the project. These include:

- 3 manholes found covered under pavement which we no one knew existed
- Relocation of PRV pit from anticipated spot due to field location of the existing water main and sanitary sewer
- Sump pump for the PRV pit since the installed location would not allow gravity drainage
- Increase in water service size at dual meter pits to 1"



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- Addition of 6" line stop and restoration at Upper Hillside since the existing valve would not close

During construction of the project the contractor and design team were able to identify several value engineering items based on field conditions which resulted in a positive deduct to the overall project.

Once the potential additions and deducts were accounted for the total cost above and beyond the approved project cost is \$30,404.25.

It is my recommendation the City of Bellbrook allocate an additional \$55,000 to a not to exceed overall project cost of \$1,221,510.50 to complete the Upper Hillside Water Main Improvement Project. The increase will cover all anticipated change orders to date as well as provide a \$24,500 contingency if needed to finalize the project.

Should you have any questions about the materials presented, or need additional information, please do not hesitate to contact me at (513) 509-9336.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Michael S. Murray', with a large, sweeping flourish at the end.

Principal

Michael S. Murray, P.E.
614-818-4900
mike.murray@ibigroup.com



IBI Group is a group of firms providing professional services
M•E/IBI Group is an integral member of the IBI group of firms and includes engineers and surveyors

RECORD OF RESOLUTIONS

Resolution No. 2018-AA

August 6, 2018

City of Bellbrook

Resolution No. 2018-AA

A Resolution Authorizing the City Manager to Enter Into an Amended Service Agreement with IBI Group For Engineering Services on the Upper Hillside Water Main Improvement Project and Waiving Competitive Bidding.

WHEREAS, IBI Group was previously retained by the City Manager on January 29, 2018 for engineering services related to the completion of the Upper Hillside Water Main Improvement Project in the amount of \$43,000 which was under the competitive bidding amount in Section 230.01 of the municipal code; and

WHEREAS, IBI Group has provided a change order amending the original agreement increasing said agreement to \$60,000; and

WHEREAS, the City Council has determined that its normal competitive bidding procedure is not practical in this case due to IBI Group's engineering services already being utilized on the project.

NOW, THEREFORE, THE CITY OF BELLBROOK HEREBY RESOLVES:

Section 1. That the normal competitive bidding procedure is hereby waived for the continued engineering services provided by IBI Group on the Upper Hillside Water Main Improvement Project.

Section 2. That the City Manager is hereby authorized to approve the change order increasing the agreement with IBI Group for their services to \$60,000 for the project.

Section 3. That this resolution shall take effect and be in force forthwith.

Michael Schweller, Deputy Mayor

Jami L. Kinion, Clerk of Council



Form of Change Order

Change Order No. 001

IBI Group and The City of Bellbrook refer to the Services Agreement, dated: January 29, 2018, between IBI Group and The City of Bellbrook (the "Agreement").

Change Order to Agreement:

IBI and the Consultant agree to amend the Agreement through this Change Order, as follows: Increase construction administration contract by \$17,000 to a not to exceed amount of \$60,000.00

Section 1 – Scope of Amendment:

The change order is for additional unforeseen construction administration and observation activities associated with the Upper Hillside Water Main project. The project timeline has stretched out and time needed by IBI staff has exceeded our original estimate. The increase in timeline and effort can be attributed to weather/construction delays, increased time for the contractor to install the main than initially anticipated and changes in project scope with the potential fiberoptic and PRV pit installation.

Section 2 – Payment and Reimbursement Amendment:

The change in the Consultant's fee payment amount(s), or reimbursable amounts, as originally set out in *Schedule 1 - Services, Rates and Schedule* of the Agreement, is as follows:

Increase construction administration contract by \$17,000 to a not to exceed amount of \$60,000.00

Section 3 – Schedule Amendment:

The change in the scope of the Consultant Services described above includes the corresponding change in the schedule for the provision and delivery of the Consultant Services, as set out below:

No schedule change

Change Order:

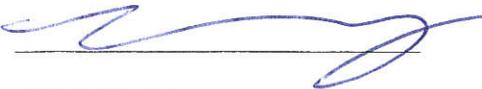
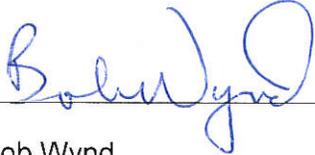
The defined terms used in this Change Order, have the meaning ascribed to them in the Agreement.

The Consultant Services, fees and expenses and corresponding schedule are revised as stated above.

Except as specifically modified in this Change Order, the Consultant's provision of the Consultant Services under the Agreement shall be carried out and executed in accordance with, and subject to, the terms and conditions of the Agreement.

This Change Order No. 001 is agreed to by each party, and is effective as of August 1, 2018

IBI Group

By: 	By: 
Name: <u>Mike Murray</u>	Name: <u>Bob Wynd</u>
Title: <u>Principal</u>	Title: <u>Survey Manager</u>

City of Bellbrook

By: _____
Name: _____
Title: _____