

N. Sixth Street & E. Third Avenue WL Imp's (Modification No. 1 to DOSD CT)
CIP 690236-100157, Contract No. 2363

Information to be included in all Legislation Modifying a Contract:

- 1. The names, contract compliance no. & expiration date, location by City/State and status of all companies (NPO, MAJ, MBE, FBE, HL1, AS1, or MBR) submitting a competitive bid or submitting an RFP or RFSQ.**

CONSULTANT/ Subconsultant	BUSINESS ENTERPRISE STATUS	VENDOR NO.	CONTRACT COMPLIANCE NO.	% OF WORK	% MAJORITY % OTHER
American Structurepoint	MAJ	007019	35-1127317	62%	67%/33%
<i>Moody</i>	MBE	012301	47-2705027	25%	
<i>NEAS (Barr Engineering)</i>	MBE	005135	31-1347309	8%	
<i>Dreier & Maller</i>	MAJ	006792	34-1681027	5%	
OHM	MAJ	007505	38-1691323	60%	65%/35%
<i>Dynotec</i>	MBE	005053	31-1319961	30%	
<i>Resource International</i>	FBE	004197	31-0669793	5%	
<i>Dreier & Maller</i>	MAJ	006792	34-1681027	5%	
Resource International	FBE	004197	31-0669793	60%	40%/60%
<i>HDR</i>	MAJ	008851	47-0680568	31%	
<i>Environmental Design Group</i>	MAJ	003292	27-4062134	7%	
<i>Aldea</i>	MAJ	002301	26-2425947	2%	
Ribway	MBE	005279	31-1406579	55%	55%/45%
<i>Stantec</i>	MAJ	000462	11-2167170	25%	
<i>Johnson, Mirmiran & Thompson</i>	MAJ	009015	52-0963531	8%	
<i>Terracon</i>	MAJ	007936	42-1249917	5%	
<i>Fee Corp</i>	MAJ	005348	31-1426410	7%	
T & M Associates	MAJ	001614	22-1806708	50%	77%/23%
<i>AECOM Technical Services</i>	MAJ	010897	95-2661922	27%	
<i>Environmental Design Group</i>	MBE	003292	27-4062134	4%	
<i>Dynotec</i>	MBE	005053	31-1319961	15%	
<i>DHDC</i>	MBE	006280	32-0376762	4%	
<i>David Mason</i>	MBR	031461	43-1514955	tbd	
ms consultants	MAJ	006998	34-6546916	71%	81%/19%
<i>Arcadis</i>	MAJ	009409	57-0373224	7%	
<i>Dynotec</i>	MBE	005053	31-1319961	10%	
<i>DHDC</i>	MBE	006280	32-0376762	5%	
<i>Coldwater</i>	FBE	003198	27-3377013	4%	
<i>Envirolink</i>	MAJ	019876	81-2213526	3%	

2. **What type of bidding process was used (ITB, RFP, RFSO, Competitive Bid).**

Requests for Proposals (RFP's) were opened on January 6, 2020.

3. **List the ranking and order of all bidders.**

Resource International	89
ms consultants	88
OHM	88
American Structurepoint	87
T&M Associates	86
Ribway Engineering	85

4. **Complete address, contact name, phone number, and e-mail address, and original contract number for the successful bidder only.**

Resource International, Inc.
6350 Presidential Gateway, Columbus, OH 43231
Steve Johnson, (614) 823-4949, stevej@resourceinternational.com
PO229612

5. **A description of work performed to date as part of the contract and a full description of work to be performed during any future phasing of the contract. The planning area should also be listed as well as any street or neighborhood names.**

The scope of work for this Project entails the evaluation and design of approximately 4,000 L.F. of new storm sewer within the project area to manage the runoff volume via redirection. Diameters of the new storm sewers are anticipated to range from 18- to 66-inches. As modeling has been completed for the project area, and a preliminary sewer alignment has been developed, the intent of this project is to use the available information to evaluate alternatives and design a practical and constructible storm sewer alignment. The modelling anticipates the existing 102-inch diameter storm sewer along East Fifth Avenue, just north of the project area boundary, as the outlet for the proposed storm sewer improvements in the project area.

As part of the work, the Consultant has searched for unknown storm connections within the project area that drain to the existing combined sewer system so the design can account for redirecting them, as-necessary, to the proposed storm sewer system.

The Consultant has also performed an illicit discharge detection program to detect potential illicit discharges draining to any known or unknown storm sewer proposed to be connected to the new storm sewer.

Additionally, green infrastructure (GI) will be required within the Project limits to offset the benefit of the stormwater currently receiving treatment through the combined system, which will now be re-directed away from the treatment plants. It is anticipated that GI will be utilized to improve water quality for up to 20% of the redirected stormwater volume. The GI design and construction must be completed in conformance with the Construction and Materials Standards of Columbus (CMSC), and the City's Green Infrastructure Design and Implementation Guidelines. It is envisioned that the GI will be in the right of way (ROW) utilizing permeable pavement.

Installation of permeable pavement within the project area has resulted in the Division of Water (DOW) choosing to replace existing water mains and customer service lines while the street

surface is disturbed (current Modification No. 1). DOW work will consist of replacing approximately 1200 L.F. of 6" diameter water mains with 8" diameter water mains in N Sixth St between E Second Ave and E Fourth Ave and possible replacement of approximately 200 L.F. of 6" diameter water main in E Fourth Ave between N Sixth St and East Alley. The work to design the water line shall become part of this contract.

This project is located in the "47 - Italian Village" community planning area.

6. An updated contract timeline to contract completion.

The Notice to Proceed date was June 24, 2020. Detailed Design is projected to be completed by March 2023. Construction is projected to commence November 2023, and the project is anticipated to be complete by November 2024.

7. A narrative discussing the economic impact or economic advantages of the project; community outreach or input in the development of the project; and any environmental factors or advantages of the project.

Stormwater project:

This project will mitigate drainage issues (street flooding, WIB's) that have been reported in the project area. It is further anticipated that the construction of green infrastructure will have an impact on the local economy by creating the need for personnel to construct and maintain the proposed facilities, as well as obtaining project related materials from local suppliers and vendors.

Water project:

The goal of this project is to replace the existing water lines that are over 100 years old and have exceeded their useful life. Replacement of these water lines will improve water service, decrease burden on water maintenance operations, and reduce water loss. The Neighborhood Liaison(s) will be contacted and informed of this project during the design phase. Further community outreach may result through the Neighborhood Liaison Program.

8. A description of any and all modifications to date including the amounts of each modification and the Contract Number associated with any modification to date. (List each modification separately.)

No prior modifications.

9. A full description of the work to be performed as part of the proposed contract modifications. (Indicating the work to be a logical extension of the contract is not sufficient explanation.)

This modification is to complete the field investigation and design work necessary to replace approximately 1200 L.F. of 6" diameter water mains with 8" diameter water mains in N. Sixth St. between E. Second Ave. and E. Fourth Ave. and for the possible replacement of approximately 200 L.F. of 6" diameter water main in E. Fourth Ave. between N. Sixth St. and East Alley. All services served by the existing water line would be transferred to the new water mains. New fire hydrants will be installed. The new water mains shall be cross-connected to intersecting water mains. The water line work will be incorporated into the current project plan to be constructed with the sewer work under a single contract.

10. **If the contract modifications was not anticipated and explained in the original contract legislation a full explanation as to the reasons the work could not have been anticipated is required. (Changed or field conditions is not sufficient explanation. Describe in full the changed conditions that require modifications of the contract scope and amount.)**

With the original scope of work the project did not envision disturbing the water mains or the street surface above them. The evaluation of GI alternatives has resulted in a recommendation to replace the full width of the existing brick streets with permeable pavers on N. Sixth St. between E. Second Ave. and E. Fourth Ave. Since pavement replacement can contribute to a substantial portion of a typical water line replacement project, by installing the water mains as part of this project rather than a future standalone project DOW can avoid a significant future cost. On E. Fourth Ave. between N. Sixth St. and East Alley additional assessment will be performed to determine if full depth replacement of the brick street is needed. If so, replacement of this water line will also be incorporated into the construction plans.

11. **An explanation of why the work to be performed as part of the contract modifications cannot be bid out. (Indicating the work to be a logical extension of the contract is not sufficient explanation.)**

The water line work is to be incorporated into the design documents for the sewer work. Doing so eliminates duplication of effort that would be required if different engineers were developing independent plans. Additionally, by having one design professional responsible for the project rather than two eliminates the need and cost of coordination between different designers. The proposed work to be added represents approximately 2% of the current contract price. Administrative costs to have a different company design and manage a separate contract can reasonably be expected to far exceed any cost saving by bidding the work.

12. **A cost summary to include the original contract amount, the cost of each modifications to date (list each modifications separately), the cost of the modification being requested in the legislation, the estimated cost of any future known modifications and a total estimate of the contract cost.**

Original Contract:	\$692,312.03 (PO229612)
This modification:	\$ 15,730.97
Future anticipated modification:	\$0.00
Total Contract:	\$708,043.00

13. **An explanation of how the cost of the modifications was determined.**

For the additional services a cost proposal was requested from and provided by the design professional. The hours for the work were reviewed by DOW and determined to be reasonable. The hourly rates were consistent with the existing contract Schedule 2B labor rates for 2022. A Schedule 2A for Resource International, Inc. covers this effort.