

ORDINANCE/RESOLUTION REQUEST

Please email requests to Jason Gallardo, Public Works

At pw.ordinance@denvergov.org by **12:00pm NOON on Monday**. Contact Jason with questions.

Date of Request: **06/06/2022**

Please mark one: ☐ Bill Request or ☒ Resolution Request

1. Type of Request:

- ☒ Contract/Grant Agreement ☐ Intergovernmental Agreement (IGA) ☐ Rezoning/Text Amendment
- ☐ Dedication/Vacation ☐ Appropriation/Supplemental ☐ DRMC Change
- ☐ Other:

2. Title: (Start with *approves*, *amends*, *dedicates*, etc., include name of company or contractor and indicate the type of request: grant acceptance, contract execution, contract amendment, municipal code change, supplemental request, etc.)

Amends a contract with DEIGHTON ASSOCIATES LTD., 223 Brock Street North, Unit 7, Whitby, ON L1N 4H6, Ontario, Canada for Asset Management software and consulting services for City owned infrastructure elements. This sixth amendment will add one year and \$307,847.89 to the contract, for a new total agreement amount of \$2,171,690.34. Original contract # is 201627262.

3. Requesting Agency: DOTI – Street Maintenance

4. Contact Person:

Contact person with knowledge of proposed ordinance/resolution	Contact person to present item at Mayor-Council and Council
Name: Amy Strouthopoulos	Name: Jason Gallardo
Email: amy.strouthopoulos@denvergov.org	Email: jason.gallardo@denvergov.org

5. General description or background of proposed request. Attach executive summary if more space needed:

This is the sixth amendment for the contract with Deighton Associates LTD. Denver has contracted with Deighton since 1996 for software and consulting services related to asset management of street and alley pavement, curb and gutter and pedestrian curb ramp. The services Deighton provides include Denver specific data collection applications used on tablet computers, automated data collection using sensor equipped vehicles, data analysis including development and calculation of condition indices and metrics, recommendations for multi-year and annual work programs, and development of dashboards to visualize data. The system links to Denver GIS which allows for detailed mapping and display of data.

Denver Public Works / DOTI has been in a contractual relationship with Deighton Associates since 1996 to perform asset management services for street pavements, alleys, curbs, pedestrian curb ramps and pilot projects for bridges and sewers. In 2022, a sidewalk inventory and condition assessment will be added to the assets managed within dTIMS. In 2016 the contract was reissued with then current language and the ability to extend the contract. Similar amendments were made to the 2010 contract. We would like to take advantage of this option and are requesting an extension at this time.

Deighton Associates provides a valuable service to the City through asset management software and expertise needed to implement improved ways of maintaining street and ancillary infrastructure elements in the City. The data on the above cited assets and the analysis thereof is critical to optimizing the use of available resources and accurate reporting of current and expected future condition. Additionally, inventory contains vital data on pedestrian access infrastructure (sidewalks and ramps) in conformance with requirements of the CREEEC/CDCC settlement agreement and ADA requirements.

Additionally, a citywide asset inventory including a detailed pavement analysis is being completed this year by Roadway Asset Systems (RAS). Deighton Associates also has worked integrally with RAS on this data collection initiative to provide updated

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pavement condition and expanded asset inventory. This collaboration is critical to ensure the data will integrate seamlessly and ultimately produce reliable optimized multi-year programs and condition projections.

A complex asset management system tailored to the specifics of Denver infrastructure and business practices takes years to establish. The continued use of Deighton software (dTIMS) allows for seamless management and integration of these and potentially other assets in cross asset management policies.

Establishing a cohesive and complex asset management system takes years to accomplish and switching to a different system would be time consuming, expensive and slow the process of coordinated asset management across multiple assets. The staff at Deighton are familiar with the process and procedure for management of the included assets and the relationship with that staff allows for rapid and accurate expansion of the asset management needs of the City. The City negotiates tasks annually with associated fee structure to help ensure the City is getting the best value for the services provided.

In consideration of possible asset management system consolidation across DOTI, a new contract was bid and awarded to AssetWorks earlier this year. The implementation of the FleetFocus AssetWorks project has been slow and problematic. Therefore, executive management from DOTI and TS were in agreement to halt the AssetWorks implementation for DOTI assets. It is imperative that we have a fully-functional asset management system to enable us to use these resources to the best of our abilities for now as well as for future years. The current system (dTIMS) will need to remain in place until a new system is in place, data and models have been successfully transferred and tested.

6. City Attorney assigned to this request (if applicable): John McGrath

7. City Council District: Citywide

8. **For all contracts, fill out and submit accompanying Key Contract Terms worksheet**

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Key Contract Terms

Type of Contract: Professional Services (Technology)

Vendor/Contractor Name: DEIGHTON ASSOCIATES LTD.

Contract control number: 201627262-06 (Jaggaer: TBD)

Location: Citywide

Is this a new contract? ☐ Yes ☒ No **Is this an Amendment?** ☒ Yes ☐ No **If yes, how many?** Five

Contract Term/Duration (for amended contracts, include existing term dates and amended dates:

Existing: 01/01/2016 – 06/30/2022

Amended: 01/01/2016 – 06/30/2023

Contract Amount (indicate existing amount, amended amount and new contract total):

<i>Current Contract Amount</i> (A)	<i>Additional Funds</i> (B)	<i>Total Contract Amount</i> (A+B)
\$1,863,742.45	\$307,847.89	\$2,171,690.34

<i>Current Contract Term</i>	<i>Added Time</i>	<i>New Ending Date</i>
01/01/2016 – 06/30/2022	One Year	06/30/2023

Scope of Work:

This is the sixth amendment for the contract with Deighton Associates LTD. Denver has contracted with Deighton since 1996 for software and consulting services related to asset management of street and alley pavement, curb and gutter and pedestrian curb ramp. The services Deighton provides include Denver specific data collection applications used on tablet computers, automated data collection using sensor equipped vehicles, data analysis including development and calculation of condition indices and metrics, recommendations for multi-year and annual work programs, and development of dashboards to visualize data. The system links to Denver GIS which allows for detailed mapping and display of data.

Was this contractor selected by competitive process? No, sole source.

Has this contractor provided these services to the City before? ☒ Yes ☐ No

Source of funds: 34993/5011100/PZ041/PRJ-10004138

ELEVATE DENVER BOND: ☐

Is this contract subject to: ☐ W/MBE ☐ DBE ☐ SBE ☐ XO101 ☐ ACDBE ☒ N/A

WBE/MBE/DBE commitments (construction, design, Airport concession contracts): N/A

Who are the subcontractors to this contract? N/A

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