

## ORDINANCE/RESOLUTION REQUEST

Please email requests to the Mayor's Legislative Team

at [MileHighOrdinance@DenverGov.org](mailto:MileHighOrdinance@DenverGov.org) by **3:00pm on Monday**. Contact the Mayor's Legislative team with questions

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**Date of Request: 11/21/2022**

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.)

Approves a contract with Rubicon Global, LLC. for \$1,529,000 and for five years for the Rubicon SmartCity data collection software

**3. Requesting Agency:**    Technology Services

**4. Contact Person:**

Contact person with knowledge of proposed ordinance/resolution	Contact person to present item at Mayor-Council and Council
Name: Desmond Grant	Name: Joe Saporito
Email: <a href="mailto:desmond.grant@denvergov.org">desmond.grant@denvergov.org</a>	Email: <a href="mailto:joseph.saporito@denvergov.org">joseph.saporito@denvergov.org</a>

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

Solid Waste equipment operators have one of the most visible jobs in the City and County of Denver. They directly serve over 180,000 customers per week driving the streets and alleys to pick up residential waste. This contract is for the Rubicon SmartCity data collection software to be used by Department of Transportation and Infrastructure. The solution will help resolve the following issues:

- **Collection Errors:** There are numerous customer pickup exceptions along any route which can lead to re-work to pick up the missed cart if the driver is new to the route or is otherwise unfamiliar with the area. Solid Waste staff spend an extensive amount of time per year correcting their day-to-day services due to a lack of a route tracing/accountability system.
- **Distracted Driving and Route Efficiency:** In addition, the lack of an in-cab route navigation system leads to Solid Waste equipment operators reading their route information from paper maps prior to starting their shift and on the route. This has led to numerous distracted driving behaviors and in several cases preventable vehicle crashes. It puts the equipment operators and the public at risk.
- **Field Work Failures:** Customer-driven 311 requests require multiple handoffs to reach the field for service. This leads to several failure modes for completion of the service or in communication. Requests for work sometimes do not reach the equipment operators or the completion of the work is not communicated back to customer service staff leading to delayed closure or unclosed 311 cases. These failures or delays often result in additional case volume and duplicate field work orders.

The SmartCity data collection software will:

- Reduce risk to equipment operators and the public (employee safety)
- Reduce waste collection errors (customer impact)
- Integrate with the City's 311 application for efficiency (customer impact)
- Create transparency for Solid Waste Management (business and customer impact)

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The solution will allow for supervisors and managers to monitor real-time route completion data to actively manage any issues while in operation. In addition, the solution will allow for safe and easy equipment operator interaction in documenting various route pickup exceptions including but not limited to contaminated carts, late set-outs, and blocked routes. By incorporating a routing optimization system with an integration to Salesforce into each driver's vehicle, job productivity, level of service, and communications between parties, including residents of the community, will greatly increase.

- 6. **City Attorney assigned to this request (if applicable):** Andrew Riester
- 7. **City Council District:** N/A - Citywide
- 8. **\*\*For all contracts, fill out and submit accompanying Key Contract Terms worksheet\*\***

### Key Contract Terms

**Type of Contract: (e.g. Professional Services > \$500K; IGA/Grant Agreement, Sale or Lease of Real Property):**

Standard Expenditure contract exceeding \$500,000

**Vendor/Contractor Name:** Rubicon Global, LLC.

**Contract control number:** TECHS-202265616-00

**Location:** Citywide

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

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

12/1/2022 - 12/1/2027 Duration: 5 years

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

<i>Current Contract Amount</i>	<i>Additional Funds</i>	<i>Total Contract Amount</i>
(A)	(B)	(A+B)
\$1,529,000		

  

<i>Current Contract Term</i>	<i>Added Time</i>	<i>New Ending Date</i>
12/1/2022 - 12/1/2027		

**Scope of work:**

Vendor will implement and support the Rubicon SmartCity data collection software

**Was this contractor selected by competitive process?** Yes **If not, why not?**

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

**Source of funds:** Operational Funds

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

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

**Who are the subcontractors to this contract? N/A**

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