



Legislation Details (With Text)

File #: 20-1493 **Version:** 1

Type: Resolution **Status:** Adopted

File created: 12/4/2020 **In control:** Land Use, Transportation & Infrastructure Committee

On agenda: 1/4/2021 **Final action:** 1/4/2021

Title: A resolution approving a proposed Contract between the City and County of Denver and HDR Engineering, Inc. for on-call bridge inspection, multimodal design, multimodal and transportation planning, and transit planning and design professional services, citywide. Approves a contract with HDR Engineering, Inc. for \$6.15 million and through 1-14-24 for on-call bridge inspection, multimodal design, multimodal and transportation planning, and transit planning and design professional services, citywide (DOTI-202056595). The last regularly scheduled Council meeting within the 30-day review period is on 1-19-21. The Committee approved filing this item at its meeting on 12-15-20.

Sponsors:

Indexes: Zach Rothmier

Code sections:

Attachments: 1. RR20 1493 DOTI HDR, 2. 20-1493 Contract_HDR Engineering, Inc. 202056595-00, 3. 20-1493 Filed Resolution_HDR Engineering, Inc. 202056595-00, 4. 20-1493 Filed Resolution_HDR Engineering, Inc., 5. 20-1493 - signed

| Date | Ver. | Action By | Action | Result |
|------------|------|---|---------------------|--------|
| 1/4/2021 | 1 | Council President | signed | |
| 1/4/2021 | 1 | City Council | adopted | Pass |
| 12/15/2020 | 1 | Land Use, Transportation & Infrastructure Committee | approved by consent | |

[Contract Request Template \(Contracts; IGAs; Leases\)](#)

Date Submitted: 12-04-20

Requesting Agency: Department of Transportation and Infrastructure
Division:

Subject Matter Expert Name:

| | |
|--------|------------------------------|
| Name: | Jason Gallardo |
| Email: | jason.gallardo@denvergov.org |

Item Title & Description:

(Do not delete the following instructions)
*These appear on the Council meeting agenda. Initially, the requesting agency will enter a 2-3 sentence description. Upon bill filling, the City Attorney's Office should enter the title above the description (the title should be in **bold** font).*

*Both the title and description must be entered between the red "title" and "body" below. Do **not** at any*

time delete the red "title" or "body" markers from this template.

A resolution approving a proposed Contract between the City and County of Denver and HDR Engineering, Inc. for on-call bridge inspection, multimodal design, multimodal and transportation planning, and transit planning and design professional services, citywide.

Approves a contract with HDR Engineering, Inc. for \$6.15 million and through 1-14-24 for on-call bridge inspection, multimodal design, multimodal and transportation planning, and transit planning and design professional services, citywide (DOTI-202056595). The last regularly scheduled Council meeting within the 30-day review period is on 1-19-21. The Committee approved filing this item at its meeting on 12-15-20.

Affected Council District(s) or citywide? Citywide

Contract Control Number: DOTI-202056595

Vendor/Contractor Name (including any "DBA"): HDR Engineering, Inc.

Type and Scope of services to be performed:

3. Bridge Inspection (20% MWBE): Work in this category is related to the inspection of existing roadway and pedestrian bridges, culverts, retaining walls and occasional special structures. Tasks include cyclical, routine inspections as well as special or emergency inspections. Equipment and software necessary to collect and provide the data are included in the work. Bridge designs will be addressed in another category.
 - Field data collection for structural inspections
 - Report preparation for structural inspections (containing EI and SI&A information, past ratings, sketches, and other pertinent documentation)
 - Delivering data in excel format that can be uploaded into CCD asset management system
 - Non-destructive testing techniques
 - Scour analysis and report
 - Load ratings
 - Identification of essential repair findings (per the CDOT inspection manual)
4. Multimodal Design (25% MWBE): Work in this category is related to the design of multimodal facilities, in support of our pedestrian, bike, and transit programs. These projects will include small, intersection level projects up through large, complex, corridor projects. Tasks and deliverables to support multimodal design are included.
 - Bicycle facility and associated infrastructure design
 - Pedestrian infrastructure design including crossing improvements
 - Transit and associated infrastructure design
 - Design for ADA compliance
 - Plan, specification and cost estimate preparation
 - Construction support
5. Multimodal and Transportation Planning (30% MWBE): Work in this category is related to planning for multimodal projects and general transportation efforts. Work will include large-scale, citywide planning efforts, network plans, corridor plans, location assessments and

recommended improvements, systematic application plans, program implementation plans that include fiscal analysis, and next steps studies. Work will support pedestrian, bike, transit, freight, curbside management, parking, vision zero, congestion mitigation, corridor operations, smart cities, transportation demand management, safe routes to school, grant applications, adaptive streets, and strategic mobility efforts.

- Multimodal planning
- o Existing conditions research
- o Project assessments, conceptual design, and project scope definition
- o Alternatives analysis
- o Public involvement management
- o Program evaluation and prioritization
- o Development of assessment and analytic tools
- o GIS analyzation
- o Pedestrian/Bike/Transit/Parking/Vehicle counts
- o Modeling/Traffic analysis
- o Data collection and evaluation
- o Determine vision/goals/measures
- o Development of measures/metrics and reports
- Programming and Fiscal
- o Grant application support
- o Funding analysis
- o Project budget development
- o Work phase scheduling
- o Risk analysis
- o 1, 5, and 10-year implementation plans
- o Guidelines and process development
- Policy, Process, and Guideline Development
- o Policy review and develop guidance and education briefs
- o Develop process procedures, guidelines and tools/implementation kits for work activities
- o Help strategically develop programs
- o Conceptual Design
- o Planning and engineering support to conduct project assessments (10% design)
- o Engineering support to conduct on-site assessments to determine infrastructure improvements
- o Engineering support to complete work orders
- o Engineering support to conduct road safety/school safety assessments

6. Transit Planning and Design (18% MWBE): Work in this category is related to planning and design for transit programs and projects. Work will include short and long-term citywide transit planning, capital investment corridor planning and design, transit service planning, transit amenity planning and design, transit speed and reliability planning and design, enterprise systems planning, transit procurement support, and transit program planning.

- Short and Long-term Citywide Transit Planning
- o Large scale city or network-wide long-range planning efforts including visioning, conceptual design, outreach and implementation strategies
- Capital Investment Corridor Planning and Design
- o Large-scale short and long-range planning efforts along key Capital Investment Corridors to prepare for significant transit improvements. This can include visioning, conceptual design, NEPA, outreach, modeling, traffic modeling, and financial planning.
- o Concept to 100% design and engineering plans for transit improvements

- o AutoCAD drawings and plan sheets
- Transit Service Planning
- o Transit Service planning for large-scale citywide efforts as well as smaller neighborhood-scale service improvements. This can include visioning, outreach, modeling, service planning, and implementation strategies.
- Transit Amenity Planning and Design
- o Bus Stop Inventory
- o Passenger Amenity Program Typology and Prioritization Study
- o Mobility Hubs
- o Can also include database development, outreach, prioritization planning, existing conditions analysis, financing and funding, conceptual design, design, and creative implementation strategies.
- Transit Speed and Reliability Planning and Design
- o Includes planning, conceptual design, design, outreach, and implementation strategies
- Enterprise Systems Planning
- Transit Procurement Support
- Transit Program Planning

Location (if applicable):

WBE/MBE/DBE goals that were applied, if applicable (construction, design, Airport concession contracts):

Are WBE/MBE/DBE goals met (if applicable)?

Is the contract new/a renewal/extension or amendment?

Was this contractor selected by competitive process or sole source?

Competitive process

For New contracts

Term of initial contract: 1/15/2021 - 1/14/2024

Options for Renewal:

How many renewals (i.e. up to 2 renewals)?

Term of any renewals (i.e. 1 year each):

Cost of initial contract term: \$6,150,000.00

Cost of any renewals:

Total contract value council is approving if all renewals exercised:

For Amendments/Renewals Extensions:

Is this a change to cost/pricing; length of term; terms unrelated to time or price (List all that apply)?

If length changing

What was the length of the term of the original contract?

What is the length of the extension/renewal?

What is the revised total term of the contract?

If cost changing

What was the original value of the entire contract prior to this proposed change?

What is the value of the proposed change?

What is the new/revised total value including change?

If terms changing

Describe the change and the reason for it (i.e. compliance with state law, different way of doing business etc.)