

ORDINANCE/RESOLUTION REQUEST

Please email requests to the Mayor's Legislative Team

at MileHighOrdinance@DenverGov.org by 9 a.m. Friday. Contact the Mayor's Legislative team with questions

Date of Request: November 05, 2024

Please mark one: Bill Request or Resolution Request

Please mark one: The request directly impacts developments, projects, contracts, resolutions, or bills that involve property and impact within .5 miles of the South Platte River from Denver's northern to southern boundary? (Check map [HERE](#))

Yes No

1. Type of Request:

Contract/Grant Agreement Intergovernmental Agreement (IGA) Rezoning/Text Amendment

Dedication/Vacation Appropriation/Supplemental DRMC Change

Other:

2. **Title:** Approves a contract with PCL Construction Services Inc. for \$72,625,546 and for 815 days to provide construction and construction management services to replace the existing Physical Access Control System (PACS) for all of Denver International Airport (DEN) including physical elements of the system, such as card readers and associated infrastructure, plus associated software (PLANE- 202477326).

3. **Requesting Agency:** Department of Aviation

4. Contact Person:

Contact person with knowledge of proposed ordinance/resolution (e.g., subject matter expert)	Contact person for council members or mayor-council
Name: Brandon Gainey, SVP Design, Engineering and Construction	Kevin Forgett, State and Local Legislative Advisor
Email: brandon.gainey@flydenver.com	Kevin.Forgett@flydenver.com

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

This request is to approve a guaranteed maximum price (GMP) contract with PCL Construction Services to deliver the comprehensive construction to replace all aspects of the PACS equipment and software at DEN. The construction work is considered "Phase 3" of a three-phase project. Phase 1 completed the design of the system replacement, and Phase 2 completed the pre-construction services to arrive at the proposed GMP. Although the initial task value of Phase 2 was less than \$1 million, the Phase 2 project was presented to and approved by Council in May of 2023 in anticipation of the Phase 3 GMP. Council subsequently approved of the proposed approach to engage the Contractor in Phase 2 for pre-construction services to allow the City to receive a more accurate and vetted GMP. The phase 3 construction work will occur during 2025 and 2026.

The PACS replacement is an operational necessity as the existing PACS equipment and software are past end-of-life, facing a severe shortage of replacement parts and serviceable components, and facing the sunset of support by a single-source provider with a final contract that expires in 2026. The replacement system will allow DEN to be fully compliant with all new regulations from the Transportation Security Administration and will provide integration with a new Identity Management System and biometric screen capabilities to enhance DEN's security and operations.

The PACS replacement project at DEN exemplifies the Vision 100 Pillar of "Maintaining What We Have" by ensuring the reliability and maintainability of this critical airport asset system.

As the existing PACS equipment and software approach end-of-life, with increasing challenges in obtaining replacement parts and support, the project is crucial to prevent system failures and operational disruptions. By updating the access control system across thousands of locations within the airport, the new system will enhance security compliance with TSA regulations, integrate with advanced identity management and biometric systems, and ensure that all access points remain functional and secure to provide for ongoing durability, predictability, and operational stability of DEN's secure environment. This proactive approach not only sustains

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the current infrastructure but also improves its overall performance and reliability, aligning with the airport's commitment to maintaining and upgrading its critical assets.

Additionally, the project aligns with the Vision 100 Pillar of "Growing our Infrastructure" by modernizing the foundation and system components of the PACS equipment to allow for future integration of enhanced capabilities, technology, and equipment.

- 6. **City Attorney assigned to this request (if applicable):** Ema Medić
- 7. **City Council District:** District 11
- 8. ****For all contracts, fill out and submit accompanying Key Contract Terms worksheet****

Key Contract Terms

Type of Contract: Guaranteed Maximum Price - General Construction

Vendor/Contractor Name (including any dba's): PCL Construction Services, Inc.

Contract control number (legacy and new): PLANE- 202477326

Location: Denver International Airport

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

Contract Term/Duration (for amended contracts, include existing term dates and amended dates): This will be a fixed term, guaranteed maximum price (GMP) contract. Construction is expected to be complete by the end of 2026, with a contract term ending on 04/09/2027 to allow for project closeout, final payment, and warranty work. NTP + 815 Days

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)
\$72,625,546	N/A	\$72,625,546

<i>Current Contract Term</i>	<i>Added Time</i>	<i>New Ending Date</i>
NTP + 815 Days	N/A	NTP + 815 days

Scope of work:

The scope of work for the PACS project encompasses the replacement of all existing access control equipment (card readers, security doors, biometric scanners, etc.) and the associated operating software for a modernized solution to allow for future supportability. The two major components that make up the work are installation of new software system to manage access control and the replacement of the control boards and other hardware that operate the existing electronic access control system.

The Contractor has subcontracted an integrator as a sub-contractor to provide services to create the new software and associated infrastructure. Once that system is operational, they have a DEN approved access control installer that will conduct field work installing the control boards in a one-for-one replacement of existing equipment. DEN and the Contractor will work in tandem to commission the system and coordinate inspections with City Planning and Development with all inspections complete being the indicator of substantial completion.

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

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

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Source of funds: Capital Improvement Plan (CIP)

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

WBE/MBE/DBE commitments (construction, design, Airport concession contracts): 15%P

Who are the subcontractors to this contract? Servitech, Birdi Systems

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