

Sources Sought

for a New

Physical Access Control System (PACS)

at

Denver International Airport (DEN)

Sources Sought Release Date:	Tuesday, October 17, 2023
Send Questions to:	Systems Integrator (denpacs@birdi-inc.com) Luis Monterrosa (lmonterrosazavaleta@pcl.com) Bryan Sakuoka (bsakuoka@pcl.com)
Sources Sought Response Due Date:	Monday, October 23, 2023, 2:00pm Mountain Time
Send Sources Sought Interest to:	Systems Integrator (denpacs@birdi-inc.com) Scott Pandy (scottpandy@pcl.com) Luis Monterrosa (lmonterrosazavaleta@pcl.com) Bryan Sakuoka (bsakuoka@pcl.com)

A copy of this Sources Sought is available on the PCL Construction (PCL) website at the following address: [Project Opportunities \(pcl.com\)](https://www.pcl.com/Project-Opportunities)

Introduction

Originally opened in 1995, DEN currently serves over 25 different airlines and over 200+ destinations throughout the Americas, Europe, and Asia, and is the largest employer in Colorado, with over 35,000 employees and is the primary economic engine for the state of Colorado, generating more than \$36.4 billion for the region on an annual basis. It is also the third busiest airport in the world in 2022, with nearly 70 million passengers traveling through the airport.

Procurement Process

This will be a two-step procurement process, as outlined in the timeline listed below, with vendors responding to this Sources Sought with a Statement of Interest. All qualified vendors responding to the Statement of Interest will be issued the Request for Proposal,

and selection of the Vendor will be made based on a best-value evaluation criteria that will be issued with the RFP.

Anticipated Procurement Timeline:

- Issuance of Sources Sought to Vendors – 10/17/23
- Deadline for Submission of Vendor Statement of Interest to PCL – 10/27/23
- Anticipated Issuance of Request for Proposal to Vendors – to be issued by 11/10/23
- Deadline for Questions from Vendors to be Submitted to PCL – 11/15/23
- Anticipated Responses to Vendor Questions – NLT 11/22/23
- Anticipated Deadline for Request for Proposal and Prequalification Package Submission to PCL – 12/1/23
- Anticipated Interviews and Vendor Demonstrations/Presentations – 12/14/23 and 12/15/23

Vendor Statement of Interest Requirements

Vendor Statement of Interests shall not exceed 3 pages in length, and shall include the following information:

- ✓ Cover letter / executive summary
- ✓ Point of contact for issuance of RFP, including name, title, phone number, and e-mail address
- ✓ Confirmation of compliance with vendor qualification criteria
- ✓ Confirmation of compliance with all of the technical/integration baseline requirements or note any potential exceptions and information relating Vendor's solution to this issue
- ✓ (3) most relevant project profiles, including:
 - Project description
 - Vendor contract value
 - Client and designer contact information
 - Contract type
 - Scope of work
 - Project schedule

Please ensure that the information provided is not 'boilerplate' marketing material, but customized information as specifically outlined above.

Intent of Sources Sought and Request for Proposal Procurement Process

This Sources Sought and Request for Proposal is intended to provide The DEN PACS¹ team with market interest and information that will be used to guide technology selection and procurement for the DEN PACS and will be part of a two-step procurement process as noted above. Procurement of the selected technology will utilize an existing DEN contract. This Sources Sought shall not limit any rights of the Airport. DEN reserves all

¹ The DEN Team comprises of Denver International Airport, its stakeholders, the Designer of Record – AECOM and the Construction Manager at Risk, PCL Construction

its rights including, but not limited to its right to elect not to procure the products or services that are the subject of this Sources Sought and to procure them from a vendor that has not responded to this Sources Sought. DEN shall not be obligated to respond to any submittal, nor shall it be legally bound in any manner whatsoever by the receipt of a submittal. DEN makes no representation that a contract is awarded to any Respondent to this Sources Sought or Request for Proposal. DEN at its sole option may contact vendors to get clarifications and/or to obtain additional information as a part of the Sources Sought evaluation process.

Objective

As part of DEN's continuous improvement program, DEN is planning to replace its Physical Access Control System (PACS) at DEN. The current system is originally from Cyber Country, with intelligent door controllers connected back to network switches.

Vendor Qualification Criteria:

1. The equipment manufacturer shall have been in business manufacturing similar products for at least ten (10) years.
2. Equipment shall be installed by qualified individuals having at least five (5) years' experience installing and maintaining similar equipment. The qualified individuals shall have at least three (3) systems of similar type and size within the past five (5) years.
3. Submit evidence of successful installation, Owner training and maintenance for a minimum of the previous five (5) years.
4. Must be a commercial off the shelf provider, no proprietary solutions will be accepted.
5. Demonstrated experience in successfully performing programs of at least fifty (50) million-dollar value

Technical/Integration Baseline Requirements:

Part Category	Manufacturer	Part Number	Substitute Allowed	Other
Card Reader	HID	40KTKS-00-00320M	No	OSDP Communications
Fingerprint Reader	TBD	TBD	N/A	OSDP and Ethernet Card Type: MIFARE DESFire (EV1 or EV2)
Facial Recognition Reader	TBD	TBD	N/A	OSDP and Ethernet Card Type: MIFARE DESFire (EV1)
IDC	HID Mercury	LP4502	Yes	Card Type: MIFARE DESFire (EV1/2) On-board memory to support cardholder populations of at a minimum 1,000,000
IDS PS	SL Power	MINT1065D2475K01 and MINT1065D1275K01	Yes	120 VAC circuit and shall be UL598 approved
Ethernet Switch	Black Box	LIG401A	Yes	
NEMA 1 Enclosure	Existing	Existing	No	Existing to be reused. Ensure IDC fits in.
ACS	TBD	TBD	N/A	Must integrate with HID SAFE
ACS	TBD	TBD	N/A	Must integrate with Genetec Security Center Version

ACS	TBD	TBD	N/A	Must integrate with Digital Acoustics IP7 boards (intercom)
ACS	TBD	TBD	N/A	FIPS 201 compliance
ACS	TBD	TBD	N/A	Capacity: a. 20,000 online readers b. 50,000 online inputs c. 50,000 online outputs d. 100,000 credentials e. 100 simultaneous Clients
ACS	TBD	TBD	N/A	There is ladder logic software embedded on the existing IDC to support Banner photoelectric sensors for anti-tailgating. This functionality is expected to be supported by the new ACS
ACS	TBD	TBD	N/A	The new ACS shall interface via an internet protocol (IP) to RS-232 media converter to an existing legacy American Dynamics analog video matrix switcher for alarm video callup on the Genetec Security Center driven video displays. Video outputs from the American Dynamics analog video matrix switcher are currently encoded to provide IP video for the alarm video callup by Genetec

Project General Requirements

As DEN is a fully-secure, 24-7 operational international airport, owned and operated by the City & County of Denver, the following requirements will apply for the project:

- City & County of Denver's Minimum Wage Ordinance (i.e. prevailing wages and certified payroll) – current wage determinations will be issued with the Request for Proposal
- Minority/Women-Owned Business Enterprise (MWBE) project participation goals of 15%
- Compliance with DEN's security, badging, airfield driving and insurance, Sensitive Security Information (SSI) and System Shutdown Request (SDR) requirements
- Compliance with applicable flow-down requirements from the Prime Contract

Disclaimer

No direct award of contract will result from this Sources Sought. This Sources Sought is intended for informational purposes only on DEN's behalf.

Submitted responses to this Sources Sought will not be returned, including all submitted drawings, diagrams, literature, and documents, and shall become the property of DEN upon receipt by DEN. Respondents to this Sources Sought consent to DEN incorporating any ideas, concepts, approaches, or strategies into any design, procurement or contractual activities related to any aspect of the project without any

liability or consideration on the part of DEN. DEN shall have the right to reproduce, publicize, or otherwise dispose of each SOI in any way that DEN selects. DEN shall be permitted to use as its own without payment of any kind of liability.

Responses to this Sources Sought (inclusive of all documents submitted) are subject to the Colorado Open Records Act, (CORA) C.R.S. § 24-72-201 to 206.

Respondents should identify all materials that are Confidential or Trade Secrets that are included in their Sources Sought responses as “Confidential”, “Secret”, etc. that they determine are exempt from disclosure under CORA. However, submissions may be determined to be subject to disclosure, even if the Respondent claims confidential treatment in accordance with this Sources Sought. DEN will use its best efforts to provide vendors time to respond to any request for Confidential documents from others.

Financial Responsibility

Respondents are solely responsible for all expenses associated with responding to this Sources Sought. DEN accepts no financial responsibility and will not be liable in any way for any costs incurred by Respondents in replying to the Sources Sought and / or RFP, including but not limited to, costs associated with researching, preparing the submission and demonstrating the solution at DEN.