

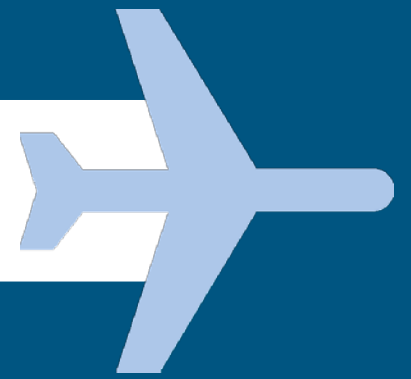
# DIVISION SPOTLIGHT: DESIGN AND CONSTRUCTION

CANDACE HUFF, P.E., C.M.  
DEPUTY AVIATION DIRECTOR  
FEBRUARY 22, 2024



***PHX DVT BYR***

# AGENDA



- Who we are
- What we do
- How we do it
- What's coming up
- Accomplishments
- Procurement



# DCS CONTACT'S



**Candace Huff, P.E., C.M.**

Deputy Aviation Director  
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**Ward Helm, P.E.**

Special Projects Administrator  
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**Anne Kurtenbach**

Special Projects Administrator  
anne.kurtenbach@phoenix.gov

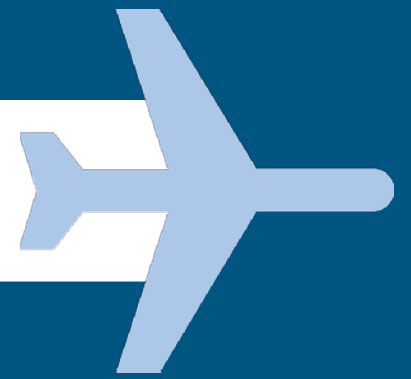


**Mario Brown, P.E., C.M.**

Special Projects Administrator  
mario.brown@phoenix.gov



# MISSION STATEMENT



The DCS mission is to deliver world-class aviation facilities in an environmentally responsible manner that exceed our customer and stakeholders expectations while minimizing disruption to airport operations.



Image: Kyle Ziikus Photography



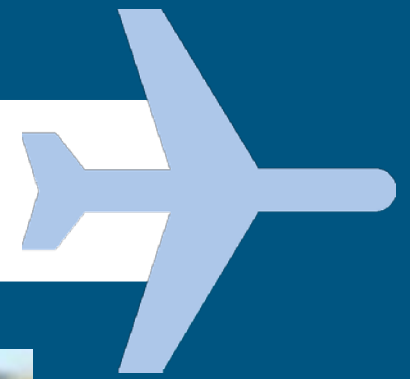
# WHAT DOES DCS DO?

Manage all design and construction projects at the city's three airports - Phoenix Sky Harbor International Airport (PHX), Phoenix Deer Valley Airport (DVT) and Phoenix-Goodyear Airport (GYR).



**PHX DVT GYR**

# HOW WE DO IT



We analyze a project & pick the best delivery method...

During all phases  
of Design and  
Construction we  
manage:



# MANAGE RISKS:

- Clear Scope Development during Planning
- Accurate Project Estimating during Planning
- Scope Creep during Design Phase
- Timely Decision-Making during Design Phase
- Access to Work during Construction Phase
- Unforeseen site conditions during Construction Phase

## COMMUNICATION & COLLABORATION ARE KEY:





# NUMBER OF CONSTRUCTION PROJECTS AND VALUE

We manage approx. 45-50 active capital budget construction projects with average annual cash spending of \$320 million/year.

<u>Active Number of Projects</u>	<u>Construction Delivery Method Types</u>	<u>Percent of Delivery Types</u>	<u>Total Capital Budget</u>
16	Job Order Contract	30%	\$34 million
2	Design-Build	4%	\$47 million
8	Design-Bid-Build	15%	\$81 million
<u>28</u>	Construction Manager At Risk	<u>52%</u>	<u>\$2.9 billion</u>
54		100%	\$3.1 billion

# PROJECT SUCCESSES/ACCOMPLISHMENTS

Relocation of the Terminal 2 Paul Coze Mural to the Rental Car Center Third Floor Escalator Lobby



**PHX DVT BYR**

# PROJECT SUCCESSES/ACCOMPLISHMENTS

Envision Gold Award for Sustainability from the Institute for Sustainable Infrastructure for the PHX Sky Train Stage 2 Project



**PHX DVT BYR**

# PROJECT SUCCESSES/ACCOMPLISHMENTS

Engineering News-Record Award of Merit for the PHX Terminal 3 North Concourse Modernization Project



**PHX DVT BYR**

# PROJECT SUCCESSES/ACCOMPLISHMENTS

Engineering News-Record Award of Best Aviation/Transit Project for New Terminal 4 Eighth Concourse S1 Project Award



**PHX DVT BYR**

# It takes cohesive team to ensure project success



# “BUILD AMERICA” PREFERENCE IN BIPARTISAN INFRASTRUCTURE LAW (BIL)

- Promotes “Made in America” construction materials on federally funded infrastructure projects
- Expands standards to require use of American-made iron, steel, construction materials and manufactured products



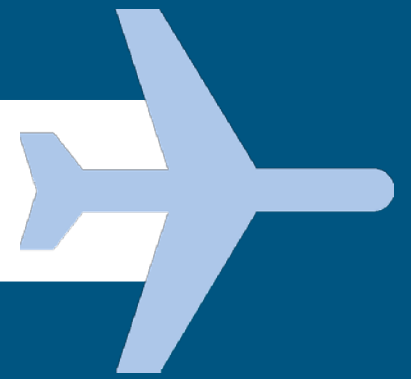


# UPCOMING PHX/DVT/GYR PROJECTS



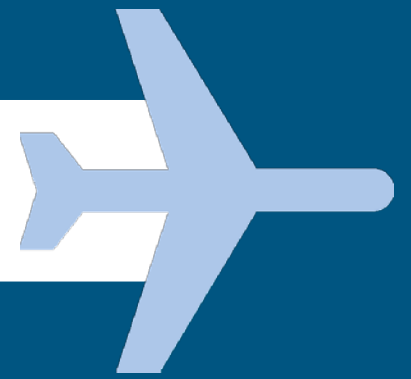


# Upcoming Medium to Large PHX Construction Projects - above \$10 million



- PHX T4 Chiller
- PHX T4 Vertical Transportation
- PHX T4 Passenger Boarding Bridges
- Solar Canopy Parking Structures, 44<sup>th</sup> Street, 24<sup>th</sup> Street, T4 L9 Parking Garage
- PHX Infield Paving, North Airfield: Design Procurement; ADOT (Summer 2024)
- PHX Infield Paving: CMAR Procurement; ADOT (Summer 2024)

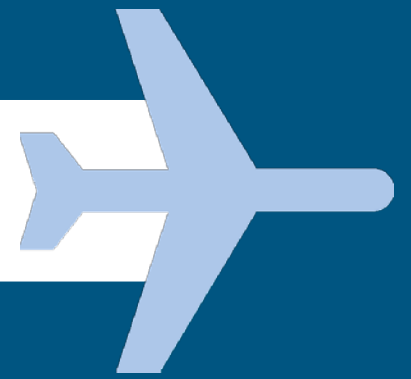
# Upcoming Medium to Large PHX Construction Projects - above \$10 million



## Subcontracting Opportunities:

- PHX Crossfield Taxiway U - Kiewit Infrastructure West Co.
- PHX Terminal 4 Baggage Handling System Upgrades to Explosive Detection System - The Weitz Company, LLC
- PHX Utility Vault Upgrade and Infield Paving, South Airfield – Banicki
- PHX Terminal 3 New North N2 Concourse – Package #1 Kiewit; and Package #3 McCarthy

# Upcoming Medium to Large PHX Construction Projects - above \$10 million



**Subcontracting Opportunities:** *\* In selection process, connect with PM's or Streets Procurement page for awards (unless noted otherwise)*

- PHX T4 Chiller – FAA Funding, \*CMAR in selection process, (PM-Eugene Deng)
- PHX T4 Vertical Transportation, Ph II – FAA Funding, \*CMAR in selection process, (PM is Eugene Deng)
- PHX T4 Passenger Boarding Bridges – FAA Funding, \*CMAR in selection process, (PM is BA Golston)
- Solar Canopy Parking Structures, 44<sup>th</sup> Street, 24<sup>th</sup> Street, T4 L9 Parking Garage – FAA Funding, \*CMAR in selection process, (PM is Dan Rauscher)

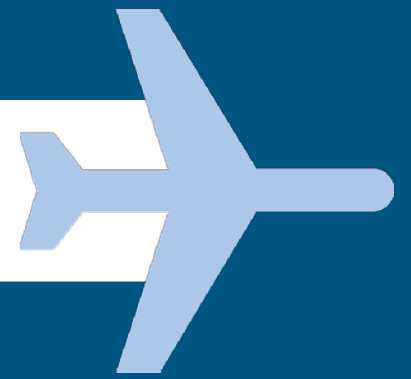
# Upcoming Medium to Large PHX Construction Projects - above \$10 million



**Subcontracting Opportunities:** *\* In selection process, connect with PM's or Streets Procurement page for awards (unless noted otherwise)*

- PHX Taxiway A (A3-A4) Strengthening – FAA Funding, \*CMAR in selection process, (PM-Mark Pilwallis)
- PHX T4 TRACON Demolition & Apron Reconstruction – FAA Funding, \*CMAR in selection process, (PM is Mark Pilwallis)
- PHX T4 Passenger Boarding Bridges – FAA Funding, \*CMAR in selection process, (PM is BA Golston)
- Solar Canopy Parking Structures, 44<sup>th</sup> Street, 24<sup>th</sup> Street, T4 L9 Parking Garage - \*CMAR in selection process, (PM is Dan Rauscher)

# Upcoming Medium PHX Construction Projects



- PHX Infield Paving, North Airfield: Design Procurement; ADOT (Summer 2024)
- PHX Infield Paving: CMAR Procurement; ADOT (Summer 2024)

(Approximate Budget: \$4M)



Taxiway A (A3-A4)  
Strengthening

Solar Canopies;  
44<sup>th</sup> Street

Taxiway U

T3 N2 Concourse

North Airfield Utility  
Vault & Infield Paving

West Hold  
Bay & Tracon  
Demolition

Solar Canopies;  
24<sup>th</sup> Street

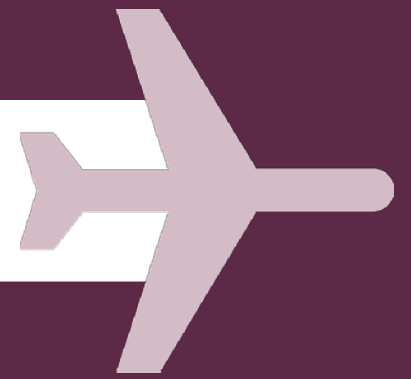
Solar Canopies; T4,  
L9 Parking Garage

T4 Infrastructure Imp



**PHX OVT 6YR**

# Upcoming DVT Grant Construction Projects



## Small construction projects below \$10 million:

- DVT Reconstruct Taxiway C Connectors, C4, C5, C6, C7, C9, & C10 (C4-C10); Phases I-IV (CMAR); ADOT (FY 2024); Summer/Fall 2024

## Medium construction project ranging from over \$10 million to \$50 million:

- DVT Relocate Taxiway B and Connectors B6 & B9: Construction (CMAR Banicki); FAA (Summer 2023); Subcontracting opportunities



Reconstruct & Strengthen Runway 7R-25L

Taxiway C Connercors

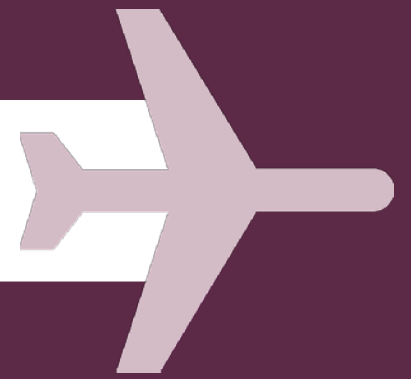


**PHX OVT 6YR**



# UPCOMING GYR ACIP PROJECTS

(FAA & ADOT Funded)



## Small construction projects below \$10 million:

- GYR Infield Paving: Design-Bid-Build; ADOT (Winter/Spring 2024-2025); Approximate Budget \$2-\$4M
- GYR New North Apron & Taxiway Connector: Design-Bid-Build; FAA (Spring 2025?)

## Medium construction project ranging from over \$10 million to \$50 million

- GYR Apron Rehabilitation Phase I: Designer Selection; FAA (Winter 2023)



GYR Infield  
Paving

GYR New North  
Apron & Taxiway  
Connector

GYR Apron  
Rehab - Phase  
1



**PHX OVI GYR**




# DESIGN & CONSTRUCTION PROCUREMENT


MANAGED BY - OFFICE OF THE CITY ENGINEER



# Procurement Newsletter:



City of Phoenix  
Office of the City Engineer  
phoenix.gov/streets/procurement-opportunities



**Design and Construction Procurement Newsletter**  
Volume 7 - February 12, 2024

**IMPORTANT NOTICE!!**

**\*\*DUE TO TECHNICAL ISSUES CAUSING DISRUPTION TO SUBMITTING PROPOSALS IN THE RFQ/PROCUREMENT SYSTEM, STATEMENTS OF QUALIFICATION (SOQ) FOR RESPONSE TO ANY DESIGN AND CONSTRUCTION REQUEST FOR QUALIFICATION WILL BE EMAILED TO THE ASSIGNED CONTRACT SPECIALIST LISTED IN THE REQUEST FOR QUALIFICATION. ALL SUBMITTAL CRITERIA AND DEADLINE STILL APPLY. WE APOLOGIZE FOR THE INCONVENIENCE.\*\***

DESIGN AND CONSTRUCTION PROCUREMENT IS IN NEED OF PANEL MEMBER. IF YOU HAVE NEVER ATTENDED THE SELECTION PANEL TRAINING OR IF IT HAS BEEN SEVERAL YEARS SINCE YOU ATTENDED AND MIGHT NOW BE WITH ANOTHER COMPANY, PLEASE CONTACT MARCELLA DE LEON TO UPDATE YOUR CONTACT INFORMATION OR SIGN UP FOR ONE OF OUR UPCOMING TRAINING CLASSES. INFORMATION IS AVAILABLE BELOW.

CITY HALL IS OPEN TO THE PUBLIC. IN PERSON, MEETINGS ARE AGAIN BEING HELD. SOME TELEWORKING AND ONLINE MEETINGS WILL CONTINUE.

THERE IS A BLUE DROP BOX LOCATED ON THE FIRST FLOOR OF CITY HALL THAT MAY BE USED TO DROP OFF ANY DESIGN AND CONSTRUCTION PROCUREMENT DOCUMENTS. THE BOX IS LOCKED AND WILL BE CHECKED PERIODICALLY THROUGHOUT THE DAY. DOCUMENTS MAY ALSO BE HAND DELIVERED TO THE FIFTH FLOOR.



Scan to  
sign up!

PROJECT ADVERTISEMENTS ARE POSTED  
THURSDAYS IN THE ARIZONA BUSINESS GAZETTE.  
THE FOLLOWING OPPORTUNITIES WILL BE AVAILABLE THURSDAY, FEBRUARY 15, 2024:

**PROFESSIONAL SERVICES OPPORTUNITIES**

8425302000: SUBREGIONAL OPERATING GROUP SUPPORT SERVICES FISCAL YEARS 2024/25 - 2028/29 ENGINEERING SERVICES. CATEGORY CODE 925000000. RFx 6000001553. (LB)

8423600000: PAVEMENT RESTORATION CONSTRUCTION ADMINISTRATION AND INSPECTION SERVICES. CATEGORY CODE 925000000. RFx 6000001520. (JS)

ST85100452: CRISI RAILROAD IMPROVEMENTS ENGINEERING SERVICES. CATEGORY CODE 925000000. RFx 6000001568. (KK)

**CONSTRUCTION SERVICES OPPORTUNITIES**

THERE ARE NO CONSTRUCTION SERVICE OPPORTUNITIES THIS WEEK.

**CONTACT US:**

**PROCUREMENT TEAM: [CONTRACTS SPECIALISTS](#)**

The Design and Construction Procurement team coordinates the contracting process for capital improvement projects per A.R.S. Title 34 under the direction of the City Engineer. The assigned Contracts Specialist should always be your primary point of contact from advertisement through contract execution.

**SELECTION PROCESS: [DEBRIEFS](#)**

Upon completion of a selection process, the assigned Contracts Specialist may only provide your firm's scores and comments. Once the selection is awarded at Council, all scores and comments are available via a public records request at the link below.

**PUBLIC RECORDS: [REQUESTS](#)**

In the description, it indicates that the request is for STR OR PROCUREMENT. Include the assigned Contracts Specialist's name.



## Contracting With the City

### Share this page



Phoenix offers many opportunities for private contractors and subcontractors to do business with the city. Here, you'll find details about contracting opportunities, vendor qualifications, proposals and how to bid on projects.

The eProcurement Center has tips on getting on a vendor list, frequently asked questions and business-assistance workshops. Small business owners will find information about the Small and Disadvantaged Business Enterprise Certification program.

- [View current city solicitations](#)
- [View solicitation awards and recommendations](#)
- [View Criminal Justice Information Systems \(CJIS\) Vendor Guidelines and Requirements](#)
- [Visit the eProcurement Center](#)
- [View capital improvement projects](#)
- [Learn about the Small and Disadvantaged Business Enterprise Certification Program](#)
- [Subscribe to notifications of upcoming construction projects](#)



# SCAN ME



# SOLICITATIONS.PHOENIX.GOV



SCAN ME

## Solicitations

The City of Phoenix is committed to the principles of open competition and fairness for the procurement of goods and services. Working with customers, the City strives to ensure that our community receives the best value for the tax dollars that are expended.

The following is a list of all formal solicitations estimated to cost \$100,000 or more available for open competition. The list is inclusive of all formal solicitations issued by all City Departments for goods and services and for A.R.S Title 34 professional and construction services through the Office of the City Engineer. Please read the solicitation for submission instructions and requirements.

For information about the results of recent solicitations, [visit the Tabulations, Awards, and Recommendations web page.](#)

### Search and Filter Options:

<p>Search for Solicitation by:</p> <p><input checked="" type="radio"/> Number   <input type="radio"/> Title   <input type="radio"/> Department <input type="radio"/> NIGP Code</p> <p><input type="text" value="60000"/></p> <p><input type="button" value="Search"/>   <input type="button" value="Clear"/></p>	<p>Limit to NIGP..</p> <p><input type="text" value="All"/></p> <p><input type="button" value="Clear"/></p>	<p>Limit by Type...</p> <p><input type="text" value="All"/></p> <p><input type="button" value="Clear"/></p>
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Showing 1 - 5 of 5

Number	Title	Pre-Offer Conference/Pre-Submittal Meeting	Due Date▼	NIGP	Department
6000001373	Asset Tagging and WAM Data Collection Professional Services - WS85230047	2/22/2023 8:00 AM	3/03/2023 12:00 PM	925-00	Water Services
6000001359	STREET IMPROVEMENTS ABB 15TH AVE - 7TH AVE FROM MOUNTAIN RD - PEORIA AVE DESIGN-BID-BUILD	2/09/2023 1:00 PM	2/28/2023 2:00 PM	912-00	Street Transportation



## REGISTRATION HELP



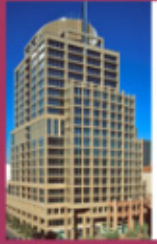
Call Help Desk  
(602) 262-1819

Email Help Desk  
[vendor.support@phoenix.gov](mailto:vendor.support@phoenix.gov)

# VENDOR REGISTRATION



## BECOME A VENDOR



1. **Gather** Your Business Info
2. **Scan** Your Signed W-9
3. **Register** in System *Steps to Success!*
4. **Set-Up** ID & Password

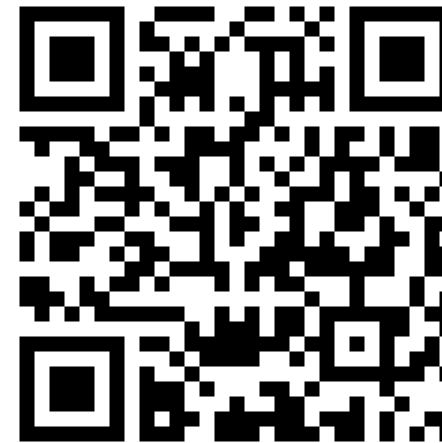
To do business with the city you must register in **procurePHX**. To register, you must have a signed, scanned copy of your W-9. **Need Help?** Email [vendor.support@phoenix.gov](mailto:vendor.support@phoenix.gov) or call (602) 262-1819.

Instructions >

Registration >

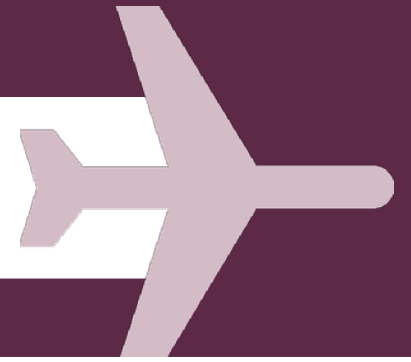
ProcurePHX Login >

- **All Firms MUST** be registered in the Vendor Management System PRIOR TO SUBMITTING A SOQ
- **New Firms** – After Registering, the City will send an email with a vendor number in approximately two days



## SCAN ME

# METHODS OF PROCUREMENT



## PROFESSIONAL SERVICES

- Planning/Programming
- Study/Assessment
- Design
- Construction Administration & Inspection
- Testing & Inspection
- Job Order Contract Support Services

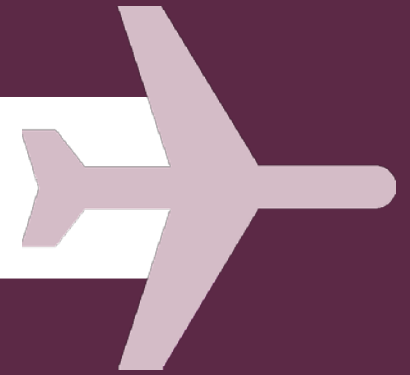
## CONSTRUCTION SERVICES

- Construction manager at risk (CMAR)
- Job order contract (JOC), (1- & 2-step)
- Design-build (DB)
- Design-bid-build (DBB)

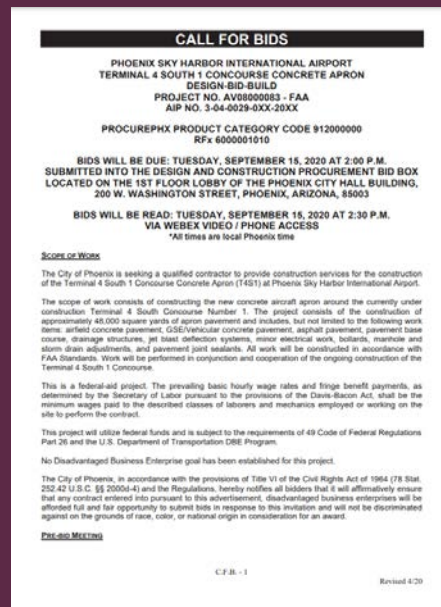




# SOLICITATION



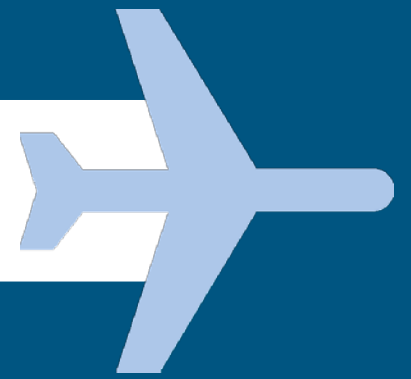
- Request For Qualifications (RFQ)
- Request For Proposals (RFP), (2-step Procurements)
- Invitation For Bids (IFB)



## TIPS

- Read IFB Packet Thoroughly
- Review Project Specifications
- Attend Pre-bid Meetings
- Ask Questions
- Proofread
- Don't Wait Until Deadline

# WEBSITES FOR INFORMATION



Airport Business Site



City Solicitation Site

# Questions

CANDACE HUFF, P.E., C.M.  
DEPUTY AVIATION DIRECTOR  
FEBRUARY 22, 2024



**PHX DVT BYR**