



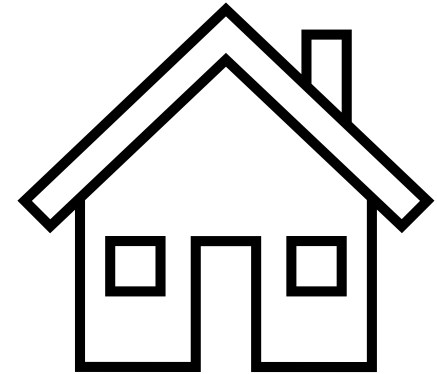
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CORRIDOR**  
JOINT POWERS AGENCY

# Engineering, Design, and Related Advisory Services: Industry Day Materials

Tuesday, August 27, 2024 10:00am – 11:30am

# Zoom Housekeeping

- All participants will be muted for the duration of the presentation
- Participants may have their video on or off
- Please ask questions via the chat at any time
- Questions will be collected and answered at the end of the presentation
- Presentation will be posted on the HDC JPA website



# Industry Day Agenda

- 01 Introduction
- 02 Scope of Services Overview and Solicitation Structure
- 03 Procurement Considerations
- 04 Q&A





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# Introduction



# Today's Presenters/Points of Contact

- Arthur Sohikian, Executive Director HDC JPA
  - sohikian@highdesertcorridor.org
- Robert Cálix, Director of Planning HDC JPA
  - calix@highdesertcorridor.org

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<https://camisvr.co.la.ca.us/webven/>

# High Desert Corridor Joint Powers Agency Overview

- The High Desert Corridor Joint Powers Agency (HDC JPA) is responsible for planning, designing, constructing, and operating a proposed 54-mile high-speed rail corridor stretching east-west between the historically underserved and underinvested communities of Victor Valley and Palmdale (the Project). The Project:
- Will connect to the planned Brightline West service at its eastern terminus and to the future California High Speed Rail service at its western terminus.
- Will offer a new travel option between two major metropolitan areas – Los Angeles and Las Vegas – not currently served by direct, high-speed passenger rail service.
- Is funded by the Los Angeles County Measure M Expenditure Plan, has been accepted into and received initial funding from the FRA Corridor ID Program, and has received CalSTA TIRCP funds. HDC JPA is actively pursuing additional funding sources.



# HDC JPA Recent Progress and Activities

## Labor Agreement

- Approved Project agreements with Union Labor groups for the Construction, Operation, and Maintenance of the Project (Apr 2024)

## Funding

- Allocation of \$8.5M in Measure M funds from Metro as a local match for federal grants (Jan 2023)
- \$8M CalSTA Transit & Intercity Rail Capital Program grant awarded for Preliminary Engineering Design (Apr 2023)
- \$500,000 Corridor ID program grant awarded Dec 2023, obligated August 2024

## Ongoing Conversations with FRA

- Draft SDP submittal to FRA by Metro/HDC JPA (Jan 2023)
- Conducting Gap Analysis to update the Draft SDP with FRA oversight
- FRA NEPA Workshops conducted (Feb 2023)

## Budget

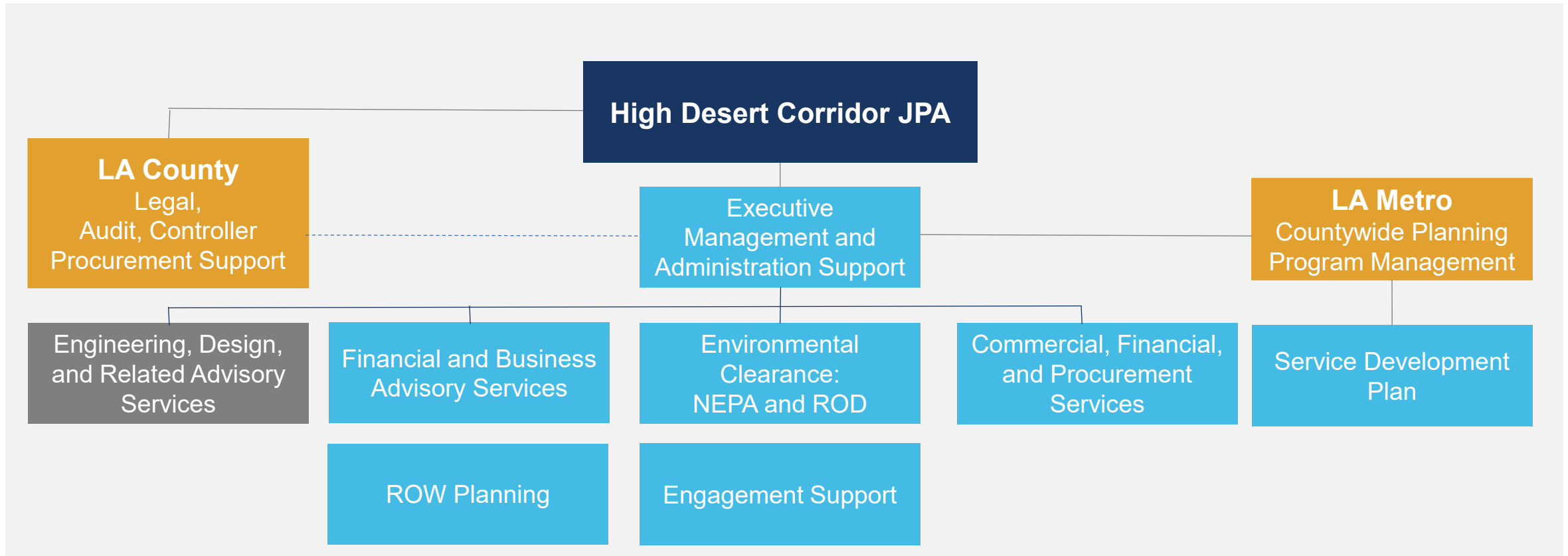
- FY24-25 budget approval of \$6,174,000 (July 2024)

## Other Related Milestones Contributing to HDC JPA Project Development

- Certification of Palmdale - Burbank Final EIR / EIS (June 2024)
- Palmdale Station Connection – Revised to connect to current California HSR Palmdale Station design (July 2024)

# Current HDC JPA Support Overview

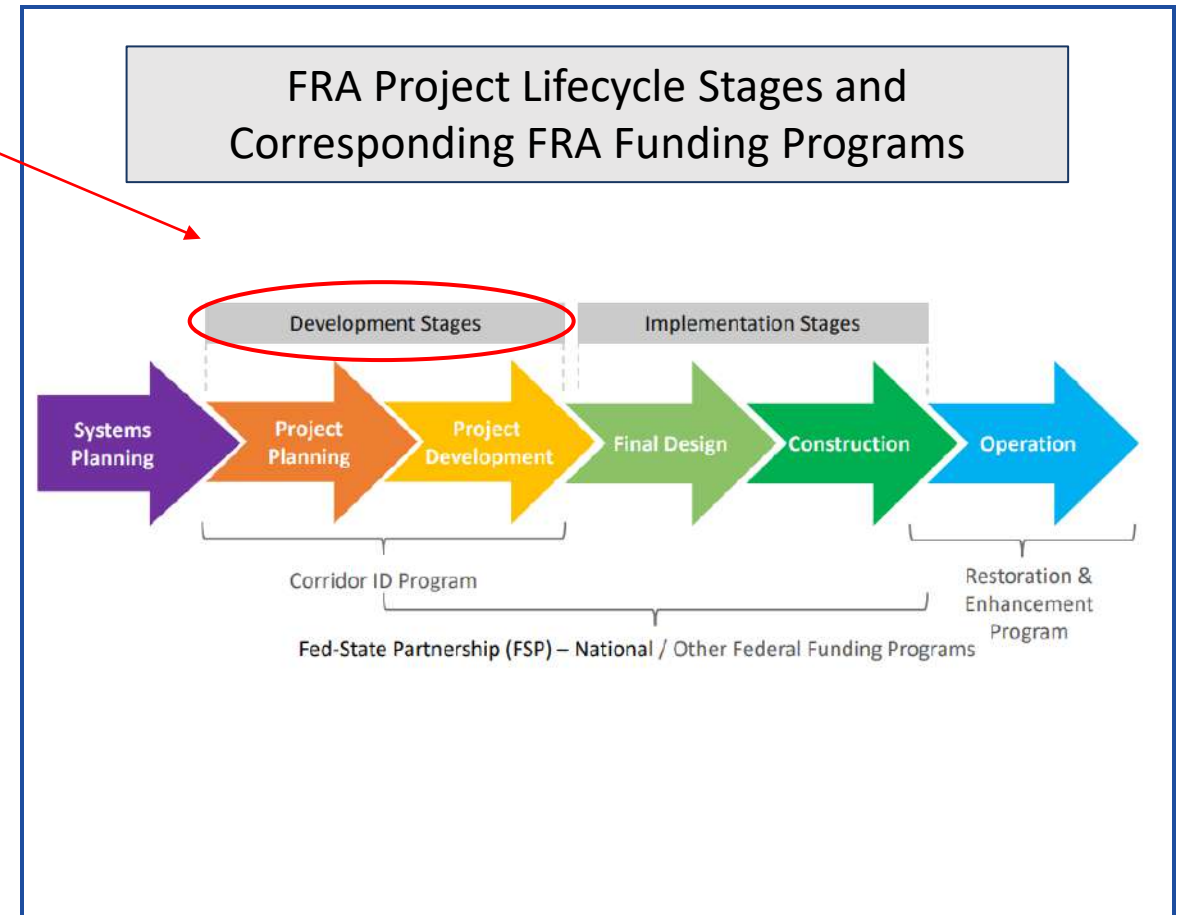
HDC JPA is currently supported in the following areas, either directly or through LA Metro or LA County support. One of the goals for FY25 is to enhance the organizational and governance structure of HDC JPA by adding an engineering design team:





# Context for Engineering, Design, and Related Advisory Services

- The focus of HDC JPA's efforts in the near term will be on advancing through the Development Stages of the Corridor ID program (CID), including coordinating with:
  - Service Development Plan Update
  - Station Integration
  - NEPA/CEQA re-evaluation approval
  - Preliminary engineering
- Existing HDC JPA and resources, combined with LA Metro support and direction, currently provide significant oversight and support services; but HDC JPA will need additional limited engineering design support services
- Vendor support for the Implementation Stages activities may be procured at a later date. Completion of CID and determination of the final design/delivery approach will determine needs and preferred procurement strategy for services to support Implementation Stages activities





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# Scope of Services and Solicitation Structure



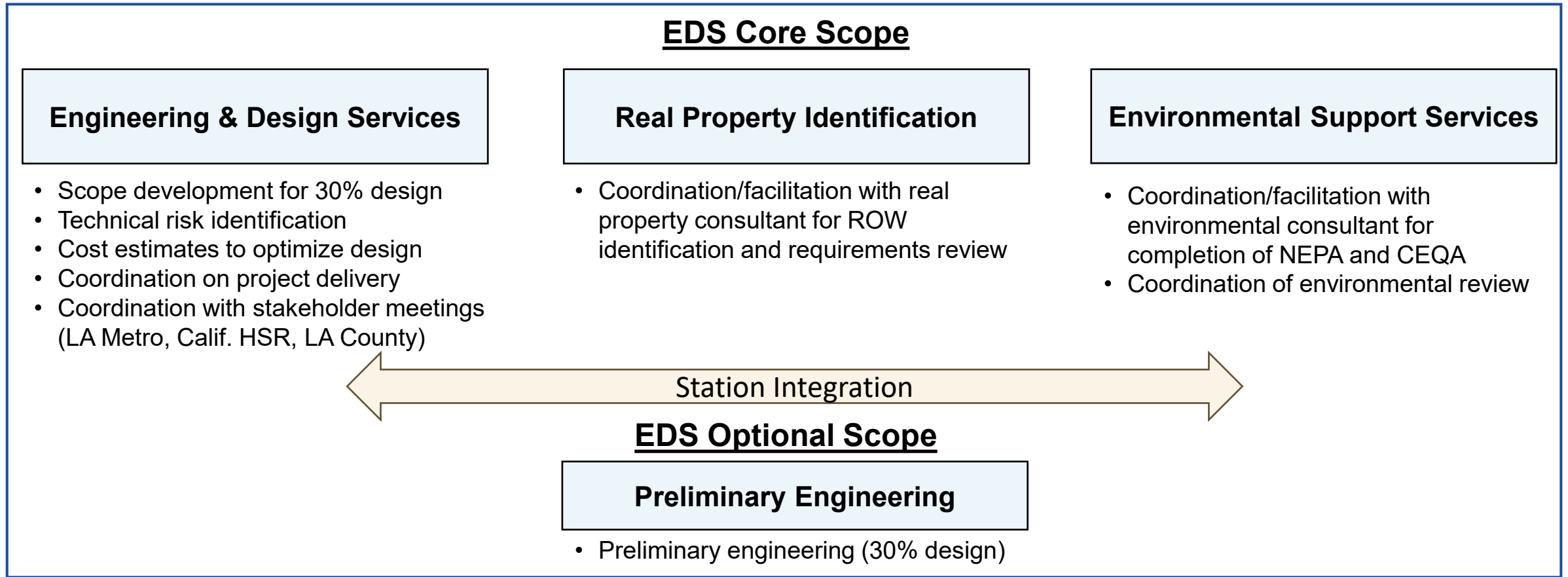
# Context for Engineering, Design, and Related Advisory Services

- HDC JPA is seeking to engage with market participants to solicit input on HDC JPA's proposed scope for Engineering, Design, and Related Advisory Services (EDS)
- This presentation is intended to provide market participants with background to the following:
  - 1) The High Desert Corridor Project
  - 2) The EDS scope of services
  - 3) The EDS procurement process and key considerations



# Scope Overview for Context for Engineering, Design, and Related Advisory Services

HDC JPA needs support in the below tailored scope areas. The selected consultant will work directly with HDC JPA and will be precluded from bidding on final engineering services.



# Example Scope for an EDS Solicitation (1/2)

- **Environmental:**

- Coordination and facilitation with HDC JPA NEPA consultant during completion of CEQA Addenda/NEPA environmental clearance process
- Coordination with FRA, as directed
- Coordination with HDC JPA SDP and Strategic/Commercial advisors on environmental review, process and strategy

- **Design & Engineering:**

- Engineering activities to support planning, development, preliminary engineering procurement, and design activities for high-speed rail and station integration
  - Development of scope for preliminary engineering (e.g., 30% design) to support environmental and other preconstruction activities (emphasis on station design and engineering)
  - Verify that designs are compliant with established engineering requirements for high-speed rail
- Existing condition assessments, project definitions, planning studies, modeling, life cycle costing, cost estimating, engineering and constructability analysis, identification of alternative technical concepts
- Technical risk identification/management
- Review of work product from other advisors
- Cost Estimating
  - Provide cost estimates to support design optimization
  - Prepare Independent Cost Estimates for professional services, construction, maintenance, contracts, changes, and claims

# Example Scope of the Upcoming EDS Solicitation (2/2)

- **Coordinate on Real Property Identification**

- ROW identification for alignment and station integration
- Review, and confirm requirements for ROW, utilities, government agencies, and other third-parties.
- Coordination and facilitation with HDC JPA real property consultant during ROW identification and requirement development
- Coordination with FRA, as directed
- Coordination with HDC JPA SDP and Strategic/Commercial advisors on ROW refinement, process, and strategy



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# Procurement Considerations



# Key Focus Areas

- Demonstrated US and International high-speed rail experience
  - Understanding of/experience with FRA regulatory, funding and other requirements
  - Understanding of/experience with CA and local requirements
  - Experience with international operations, construction innovations
- Demonstrated experience and innovation in addressing the integration of high-speed, conventional and freight rail facilities and operations
- Demonstrated experience in/understanding of working with the technical and other requirements of multiple operators, including California High-Speed Rail Authority, Brightline West, LA Metro, Caltrans Districts 7 and 8, Metrolink, Amtrak, and local municipalities
- Demonstrated experience and innovation in working with freight rail operators, including Union Pacific Railroad
- Demonstrated experience in station and station area development, including coordination with host cities



# Disadvantaged Business Enterprise (DBE) Considerations

- Proposers must comply with the requirements at 2 C.F.R. 200.321 and to the extent applicable, meet the Disadvantaged Business Enterprise (DBE) participation at 49 CFR 26.
- The goal for DBE participation for this procurement is 23%. Proposers will be expected to make work available to DBEs and select work parts consistent with available DBE subconsultants.
- It is Proposers' responsibility to verify by the date of proposal opening that the DBE firm is certified as a DBE by using the California Unified Certification Program (CUCP) database and possesses the most specific available North American Industry Classification System (NAICS) codes and work code applicable to the type of work the firm will perform on the contract. Additionally, the Proposer is responsible to document the verification record by printing out the CUCP data for each DBE firm.
- A list of DBEs certified by the CUCP can be found at <https://dot.ca.gov/programs/civil-rights/dbe-search>.

# Conflict of Interest and Procurement Related Issues

- Proposers must disclose any financial, business, or other relationship with HDC JPA that may have an impact upon the outcome of this contract or any ensuing HDC JPA construction project.
- Proposers must also list current clients who may have a financial interest in the outcome of this solicitation or any ensuing HDC JPA construction project which will follow.
- Proposers must certify that they or subconsultant and any firm affiliated with the Proposer or subconsultant that bids on any construction contract or on any agreement to provide construction inspection for any construction project resulting from this contract, has established necessary controls to ensure a conflict of interest does not exist. An affiliated firm is one, which is subject to the control of the same persons, through joint ownership or otherwise.



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# Process and Timeline



# Procurement Mechanism

HDC JPA will procure for all core services under a single contract using the following solicitation method:



## Qualifications-based RFP

- HDC JPA will identify a qualified vendor through an RFP process. Anticipated interviews with top firms.
- Evaluation of the firm will be solely based on qualifications and experience
- Proposed contract term:
  - Long term, Multi- Year with contract details will be provided upon RFP release

# Market Engagement Process Timeline

HDC JPA's market engagement approach will be conducted over a five-week span:

**Legend:**  = activity  
 = milestone

Workstream	8/12 – 8/16	8/19 – 8/23	8/26 – 8/30	9/2 – 9/6	October
Conduct Informal Outreach to Industry Participants				Labor Day	
Announce and Promote Virtual Industry Day					
Virtual Industry Day			<span style="color: red; font-size: 20px;">○</span>		
Solicit Industry Feedback					
Consider Feedback into Solicitation Document					
Issue Solicitation Document					<span style="color: red; font-size: 20px;">○</span>

# Estimate Procurement Schedule

Milestone	Target Date
RFP Release (45 calendar days)	Mid-October 2024
Pre-Proposal Conference (Virtual)	Late-Oct-Early Nov 2024
Last Day to Submit RFP Questions	Mid-November 2024
Proposals Due by 5:30pm PDT	Early December 2024
Evaluation Process	December 2024-January 2025
Oral Interviews with Highest Evaluated Firms	February 2025
Selection of Consultant	March 2025
HDC JPA Board of Directors action	April 2025




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**Q&A**



# Open Q&A Session



Industry Day participants may now pose questions to HDC JPA staff regarding procurement scope, structure, requirements, eligibility, etc.

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