OVERVIEW

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JAMES S. UTTERBACK, P.M.P.

HRBT Expansion Project Director
Virginia Department of Transportation
STEPHEN C. BRICH, P.E.
Commissioner of Highways
Virginia Department of Transportation
JESSIE L. YUNG, P.E.
Virginia Division Administrator
Federal Highway Administration
TRACEY G. WILEY
Director
Business and Supplier Diversity
HAMPTON ROADS BRIDGE-TUNNEL EXPANSION: PROJECT OVERVIEW
Overview of HRBT Expansion Project

- Settlers Landing in Hampton to I-564 Norfolk (9.5 Miles)
- I-64 improvements include 6 lanes of highway and construction of 4 lane bridge/tunnel
- New 4 lane HRBT tunnel will serve Eastbound traffic
- 2 existing HRBT tunnels will serve Westbound traffic
Key Project Segments

- Tunnel crossing
  - ~ 8000 ft across Hampton Roads waterway
- Island improvements
- Marine bridges
  - ~ 9000 ft across Hampton Roads waterway
  - ~ 5000 ft across Willoughby Bay
- Landside highway widening
  - ~ 1 mile in Hampton
  - ~ 4 miles in Norfolk
Tunnel Crossing

- To be constructed using tunnel boring machine (TBM)
- Machine will excavate soil and install precast concrete liner
- After structural concrete is installed, tunnel interior will be outfitted with mechanical & electrical systems and finishes
Island Improvements

- Expansion of island footprint
- Excavation for tunnel entrance
- Buildings and related utilities
- Protection/monitoring of existing facilities
Marine Bridges

- Construction of new bridges
- Marine piledriving
- Precast and cast-in-place concrete
- Demolition
- Electrical and other utilities
- Signage and lighting
Willoughby Bay Bridges
Landside Highway Widening

- Highway widening and reconstruction
  - Earthwork, pavement, signs, lighting, maintenance-of-traffic
- Widening, rehabilitation, or replacement of ~30 bridges
  - Precast and cast-in-place concrete
- Proposed new roadway configuration:
I-64 Corridor at 4th View Interchange
Some Anticipated Opportunities:

- Trucking
- Reinforcing steel
- Mechanical
- Electrical
- Lighting
- Fencing
- Welding/steel fabrication
- Pavement markings
- Sign erection
- Slipforming
- Seeding
- Traffic control
- Drainage
- Diving
- Surveying
- Design engineering
- Printing services
- Office supplies
- Janitorial services
- Security
## Procurement Milestones

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>DATE</th>
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<tbody>
<tr>
<td>RFQ Issued</td>
<td>December 15, 2017</td>
</tr>
<tr>
<td>Shortlist Announced</td>
<td>April 26, 2018</td>
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<tr>
<td>Draft RFP Issued</td>
<td>May 22, 2018</td>
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<tr>
<td>Final RFP Issued</td>
<td>September 27, 2018</td>
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<tr>
<td>Technical Proposal Submission</td>
<td>January 15, 2019</td>
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<tr>
<td>Price Proposal Submission</td>
<td>February 8, 2019</td>
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<tr>
<td>Contract Award</td>
<td>March 2019</td>
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<tr>
<td>Design-Builder LNTP</td>
<td>Spring 2019</td>
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<tr>
<td>Project Complete</td>
<td>Fall 2025</td>
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JOSE IGNACIO MARTIN ALOS
Project Executive
Hampton Roads Connector Partners
 Part of the ACS Group;
 Built over 150 design-build transportation projects worldwide;
 Ranked #6 on ENR 2018 Top Transportation Contractors in the US;
 Ranked #1 on ENR Top International Contractors;
 Presently Dragados is working or has completed the following major projects:
  ✓ I-595 Corridor Improvement Project in Florida ($1.2 billion) - Completed
  ✓ East side Access in New York ($1.2 billion) - Completed
  ✓ Parallel Thimble Shoal Tunnel in Virginia Beach, VA ($756M)
  ✓ Alaskan Way Viaduct Replacement Tunnel in Seattle, WA ($1.7B)
  ✓ Harbor Bridge in Corpus Christi, TX ($800 million)
  ✓ Long Island Rail Road Third Track Expansion Project in Hicksville, New York ($1.8B)

www.HamptonRoadsConnector.com
VINCI Construction Grands Projets (VCGP) and Dodin Campenon Bernard (DCB) are subsidiaries of VINCI;
- Ranked #4 on ENR 2018 Top 250 International Contractors;
- VINCI has completed over 600 miles of tunnels all over the world;
- VCGP and DCB have launched and/or received more than 25 TBMs since 2010;
- Both companies completed the $5.4B South Europe Atlantic High Speed Rail Line in 2017.

VCGP has completed some of the most challenging vehicular projects in the world:
- $612M Oresund Tunnel
- $725M Coen Tunnel
- $2.5B A86 Bored Tunnel
- $710M Cairo Metro Tunnel

DCB has vast experience in major transportation design-build projects:
- $649M A355 Motorway
- $475M A19 Motorway
- $375M Rennes Metro
Flatiron Construction is a subsidiary of HOCHTIEF

- Completed more than $10B in design-build transportation projects.
- Experience building bridges over water that involve strong currents, heavy tidal action and marine traffic:
  - Carquinez Bridge
  - Oakland Bay Bridge
- Extensive marine construction capabilities:
  - John James Audubon Bridge
  - George Massey Tunnel
- Recognized with more than 100 awards for partnering, safety, and design-build excellence.

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HDR— a leading, engineering firm with market-leading experience on mega design-build projects.

Ranked #5 on ENR’s 2018 Highway Design Firms

Ranked #3 on ENR’s 2018 Bridge Design Firms.

Named VDOT 2014 Prime Consultant for Excellence in Performance

Lead Designer on VDOT DB projects:
  ▪ 95 Express
  ▪ 495 Express/Dulles Toll Road Interchange

Mott MacDonald – a leading International and North American consulting engineering firm with a century of worldwide experience.

Proven design and industry innovation of landmark tunnel projects:
  ▪ Parallel Thimble Shoal Tunnel (Virginia)
  ▪ New York Harbor Siphon, USA
  ▪ SMART Tunnel, Malaysia
  ▪ The Channel Tunnel (linking The United Kingdom & France)
  ▪ St. Clair Rail (linking the USA & Canada)
  ▪ Storebaelt Tunnel, Denmark

www.HamptonRoadsConnector.com
Design-Build Joint Venture Partners

DBE/SWaM Firms

Design & Construction Teams
STRONG COMMITMENT
DBE / SWaM Goals

Designers

Construction Partners
DBE/SWaM Firms
Design Teams

www.HamptonRoadsConnector.com
WHY WORK WITH OUR TEAM:

- A world class team
- Commitment to DBEs and Local Businesses Enterprises (SWaM)
- Commitment to workforce diversity
- International, national and local expertise
- Award-winning builders and design team
- Experienced tunnel and bridge builders
- Vast Design Build and P3 experience
- Local, regional and international best practices (Lessons Learned)
- State-of-the-art constructability approaches

www.HamptonRoadsConnector.com
Subcontractor Scopes:
- Engineering & Design Specialties;
- Geotechnical Instrumentation, Monitoring and Investigations;
- Material Testing
- Diving Services
- Surveying
- Interior Building Specialties
- Waterproofing
- SIP Deck Forms
- Mechanical, Electrical, Plumbing, ITS, SCADA, Signage and Lighting;
- Reinforcing Steel
- Sitework & Paving
- Landscaping
- Pavement Marking
- Clear & Grubbing

Potential Scopes of Work:
- Concrete Flatwork & Structural
- Demolition & Saw cutting
- Traffic Control & Devices
- Guardrails and Fencing
- Trucking
- Erosion Control
- Disposal

Material Scopes:
- Ready-Mix Concrete
- Reinforcing Steel
- Steel Sheet Piles
- Aggregates
- Precast/Pre-stressed Concrete
- Drainage Pipe & Structures
- Misc. Bridge Materials
- Precast Concrete Tunnel Segmental Liner
Our specialized DBE staff can assist you in identifying possible work scopes for your firm and overcome perceived entry barriers. We stand ready to help you become part of this exciting team.

- Must be certified and pre-qualified through the VDOT’s Small Business & Supplier Directory (SBSD) as a DBE and/or SWaM;
- You must be certified in NAICS codes for the work you perform;
- Complete the Invitation to Bid and include the scope for which you intend to compete;
- We will give your company every opportunity to compete for the work.

Michelle D. Murdock  
DBE Coordinator  
855-293-0939  
DBE@HamptonRoadsConnector.com  
Estimating@HamptonRoadsConnector.com

Visit our website:  
www.HamptonRoadsConnector.com
Hampton Road Capacity Constructors

VDOT DBE/SWaM Outreach Event
October 25, 2018
Project Team
Local Knowledge

- History with Area: 67 Years working in the Hampton/Norfolk area
- Local Staff: 400+ Total Staff in Tidewater/Hampton Roads area
- Virginia Presence: 6,000 Total Staff in Virginia
Project Experience

HRCC will leverage its cumulative experience delivering:

- 300+ projects for VDOT
- 700+ miles of tunnels worldwide
- More than $50 billion of design-build projects
Small Business Programs

- HRCC is committed to:
  - Achieving the Project’s DBE and SWaM participation goals
  - Working closely with VDOT to champion DBE and SWaM participation

- HRCC teams:
  - Have a legacy of meeting or exceeding goals
  - Exceeded goal on 495 and 95 Express Lanes – more than $850 million infused into the community
  - 95 Express Lanes is recognized for best practices in DBE and small business participation and goal attainment.
Registration & Bid Submittals

- **Registration:**
  - Complete Contractor/Supplier Notice of Interest Form [http://www.hrcapacityconstructors.com](http://www.hrcapacityconstructors.com)
  - Notice of Interest (NOI) Form has several fields that need to be completed. They include:
    - Company Contact Information
    - DBE/SWaM Certifications
    - Additional Company Background/Information
  - Indicate which scopes of work your company provides by selecting the checkbox.
  - Once you send the NOI, HRCC will receive your information.
  - **All information submitted is confidential.**
Registration & Bid Submittals

Bid Package Assistance

- Procurement will field all questions and inquiries
- Champions will assist with package development and technical questions
- All questions will be sent to procurement for appropriate response
- Emails may be sent to: Opportunities@HRCapacityConstructors.com
Registration & Bid Submittals

- **iSqFt**
  - Free to register with support available.
  - Using this system allows access to your invitations to bid.
  - Enables HRCC to invite you to bid on packages that fit your trades and locations.
  - Bids will be submitted via email.
  - Non-disclosure agreements (NDA) will be required for access to packages.
  - iSqFt offers many beneficial features:
    - No need to mail or FedEx documents
    - Saves cost and time
    - Easy access to all project documents
    - Compatible with many devices

- **iSqFt Sign-In**
  - Create a profile to view bid packages you have been invited to review.
  - Use the same email address for both iSqFt and the Notice of Interest Form.
Breakout Tables and Outreach Room

- One-on-One Discussion Opportunities Today!
- Review subcontracts, bid packages, and vendor/supply chain
  - HRCC team members are located in the rear of the room

Or

- Please join us for one-on-one discussions and refreshments in rooms 104/105
Thank you | Questions
QUESTIONS AND ANSWERS