



TECHNICAL ASSISTANCE WORKSHOP SERIES: DESIGN-BUILD OVERVIEW

April 28, 2021, 11:00 a.m. EDT

WMATA

Station Platform Rehabilitation
Program Contract 4

The presentation will begin shortly.

Please be sure to “MUTE” your microphone and “sign in” by typing your name and company in the chat box at the right side of the screen.



April 28, 2021, 11:00 a.m. EDT

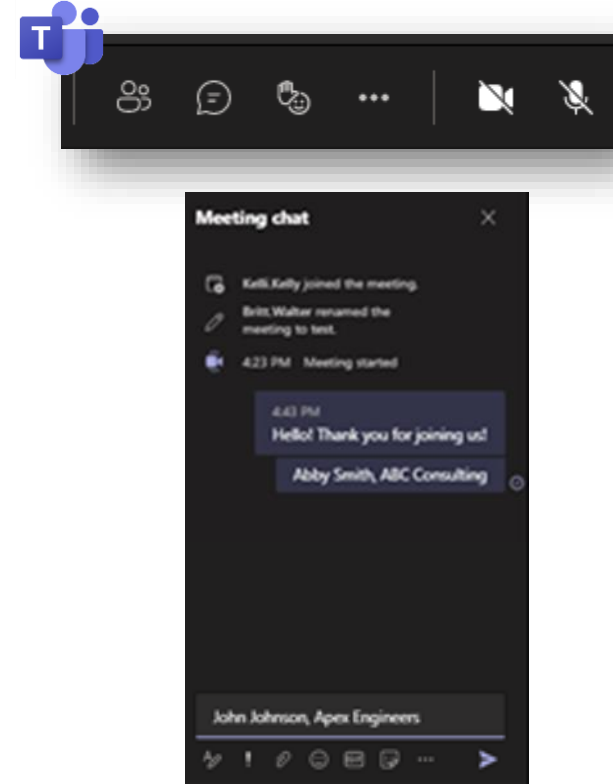
WMATA

Station Platform Rehabilitation
Program Contract 4

TECHNICAL ASSISTANCE WORKSHOP SERIES: DESIGN-BUILD OVERVIEW

Microsoft Teams – Quick Tips

- To avoid background noise during the presentation, please mute your microphone.
- Please sign in by typing your name and firm in the chat box.
- All attendees are invited to submit questions via the chat function during the presentation.
- If you experience technical difficulties, please exit event and reenter.
- A copy of this presentation will be available following the event.



This session is being recorded.

Agenda

- Welcome Remarks
- Project Overview
- Design-Build Contracting Model
- Key Differences in Delivery Models
- Benefits of Design-Build
- Expectations on Design-Build Projects
- Lifecycle of a Design-Build Project
 - Estimate, Design, and Construction

WMATA Station Platform Rehabilitation Program Overview

The Platform Rehabilitation Program is multi-phased project, started in 2019, to repair and reconstruct over 20 station platforms.

Program Phases:

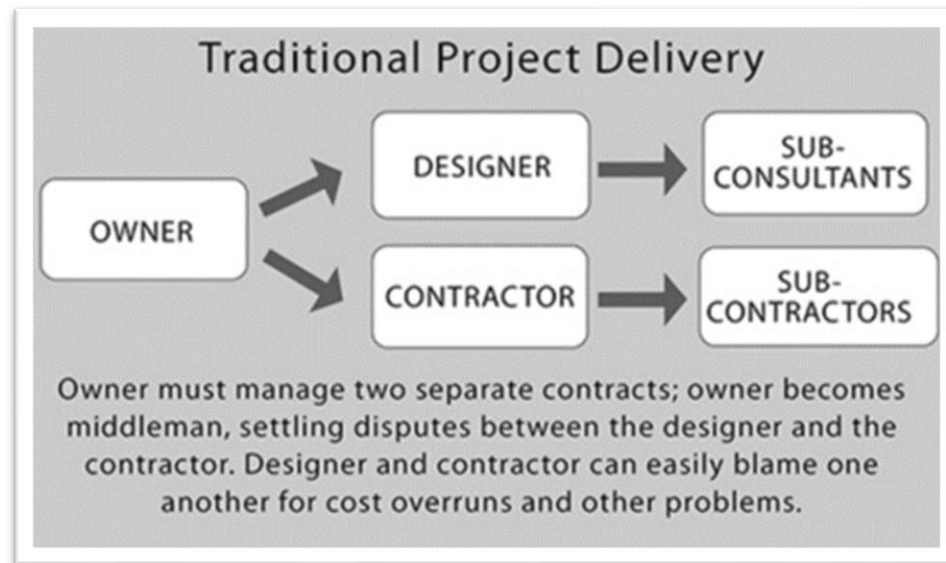
- Phase 1 (Complete), construction of six Blue/Yellow line stations was completed by Kiewit in Summer 2019
- Phase 2 (Complete), construction of four Orange line stations and Reagan National Airport station on Blue/Yellow line was completed by Kiewit in Summer 2020
- Phase 3 (Awarded), repair and reconstruction of six Green and Blue line stations; Spring/Summer 2021 build
- Phase 4 (RFP issued Feb 2021), consists of 5 Stations on Orange Line in Maryland and DC; Summer 2022 build

WMATA Station Platform Rehabilitation Program Overview

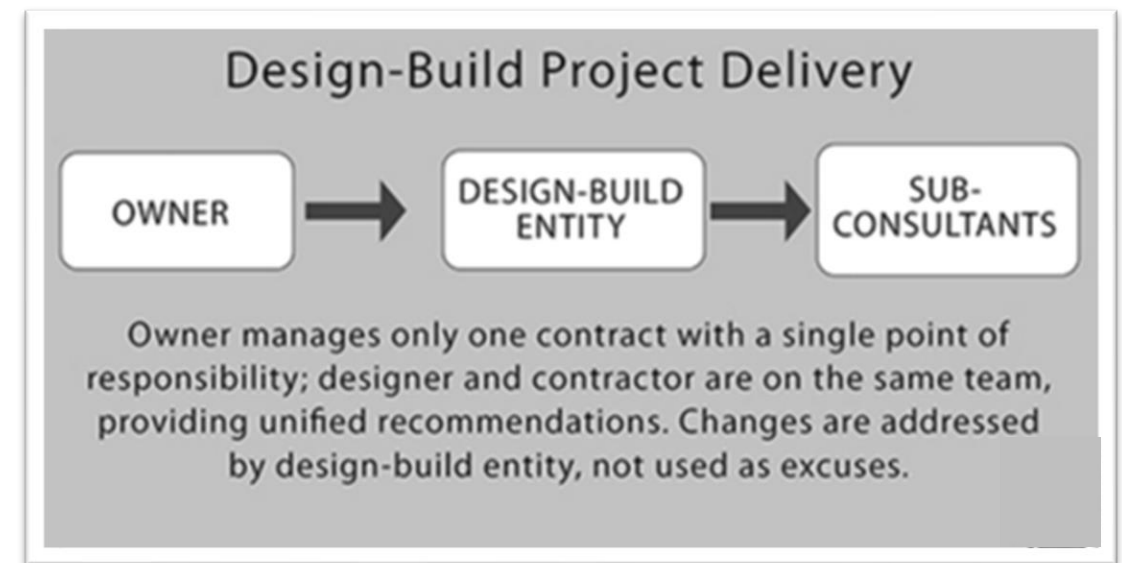
- **Contracting Method:** Design-Build
- **Project Cost:** Estimated cost of \$350M
- **Disadvantaged Business Enterprise (DBE) Goal:** 22%

Design-Build Contracting Model

The Owner manages only one contract with a single point of responsibility. The designer and contractor work together from the beginning, as a team, leading to collaborative problem-solving and innovation.

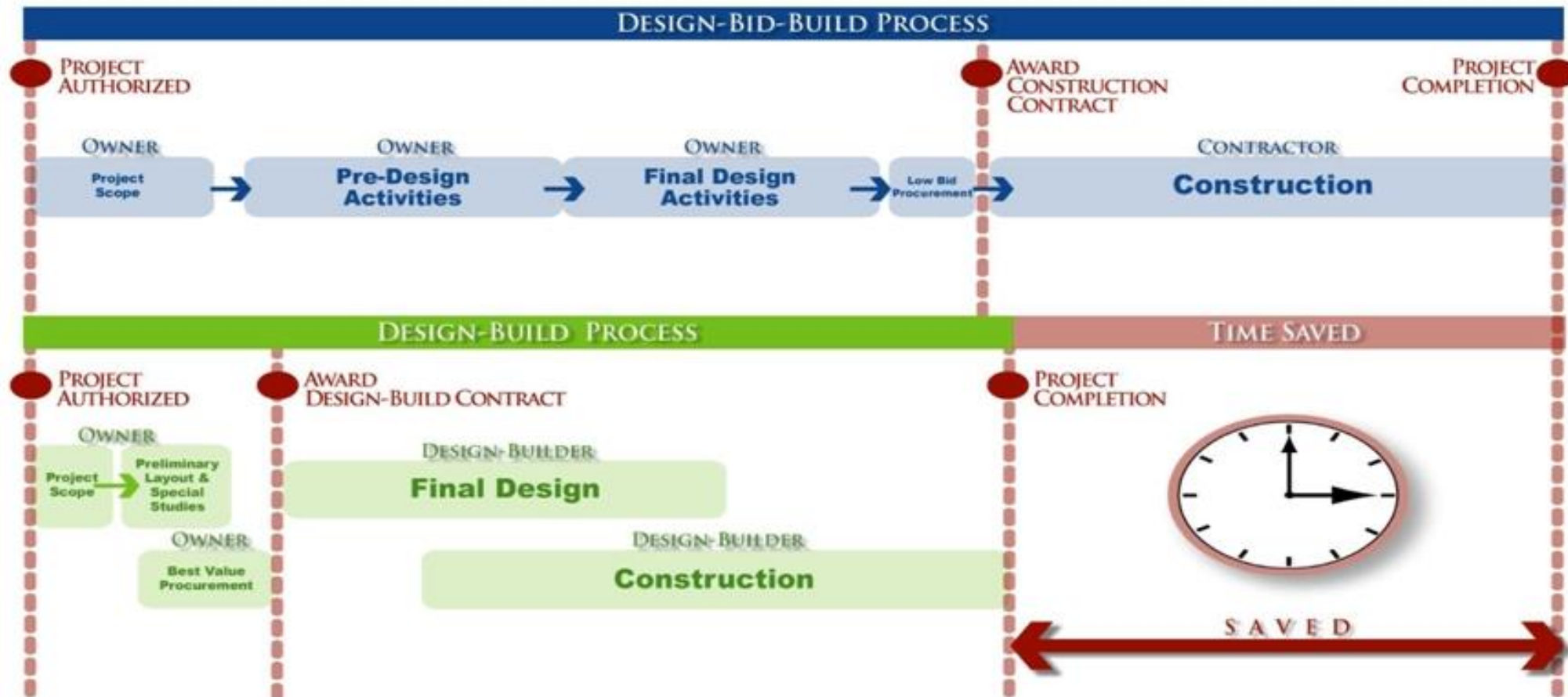


VS.



Source: Design Build Institute of America

Design-Build Contracting Model



Key Differences in Delivery Models

Traditional Delivery	Design-Build Delivery
Owner is responsible for the Design	Design-Builder is responsible for the Design
Estimate is developed from completed plans	Estimate is developed from 10-30% plans
Owner is solely responsible for Major Permits, Utility Relocations and ROW Acquisition	Design-Builder may take over responsibility for these items upon Award
Design Changes or Unforeseen Conditions are a Change Order	Almost no Change Orders; Risk belongs to the Design-Builder
Typically a long, linear progression to completion	Accelerated delivery by overlapping the Permitting, Design, and Construction phases

Benefits of Design-Build

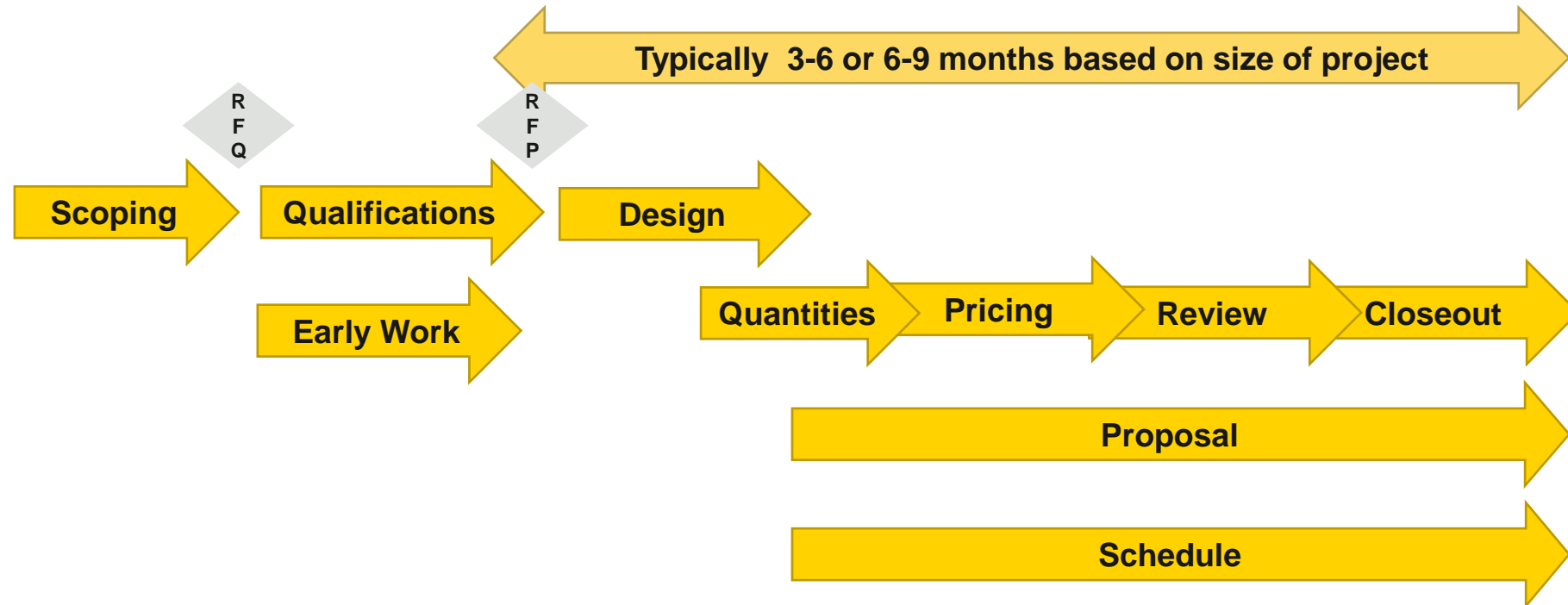
Benefit to the Owner	Challenge for the Design-Builder
Accelerated Delivery	Schedule Impacts from Permitting, Design, Utility, or ROW delays
Price Certainty	Increased Cost from Quantity Growth or Unforeseen Conditions
Transfer of Design Responsibility	Schedule and/or Cost Impacts from “Design Preferences”
Reduced responsibility for Delivery	Increased overhead and responsibility to proactively solve problems
Improved Quality	Responsibility for long-term maintenance

Benefits to the Design-Builder
Known competition – better probability of success
Ability to influence the design to fit our strengths
Participation in world-class projects

Expectations on Design-Build Projects

- Confidentiality
- Ability to estimate based on preliminary plans
- Partnering – strong relationships and trust
- Communicate – early and often
- Higher level of service and satisfaction
- Ability to work in a dynamic environment

Estimating Process



RFQ = Request for Qualifications
RFP = Request for Proposals

Design Process

- Design is progressed in stages – 30%, 60%, 90%, and IFC
- Reviews are performed at each stage by the Client and authorized 3rd Parties
 - Reviews can take from 2 weeks to 1 month or longer
- Design moves quickly and in some cases is not as complete as in the traditional delivery method
 - Field Design Change (FDC)
 - Notice of Design Change (NDC)
 - Non-Conformance Report (NCR)

**IT IS EXTREMELY IMPORTANT TO BE ENGAGED EARLY AND MAKE
COMMENTS BEFORE IT IS TOO LATE.**

Construction Process

- Coordination and Communication are key to success
 - Each subcontractor is assigned a counterpart from the Design-Builder
 - Integrated and Accurate 90 Day and 3 Week Schedules updated regularly
 - Daily Play-of-the-Day Meetings to communicate the plan to the crew
 - Daily Coordination Meetings to work out the plan for tomorrow
- Quality Control and Quality Assurance are required
- Phasing and Access are complicated
- Last minute changes require flexibility

Takeaways

- Integration, Collaboration, and Communication are critical at each step
- Constructability input during design makes construction easier
- Being dynamic and willing to adapt is required
- Experience and thinking outside the box to come up with win-win solutions will ensure success

Design-Build Resources and References

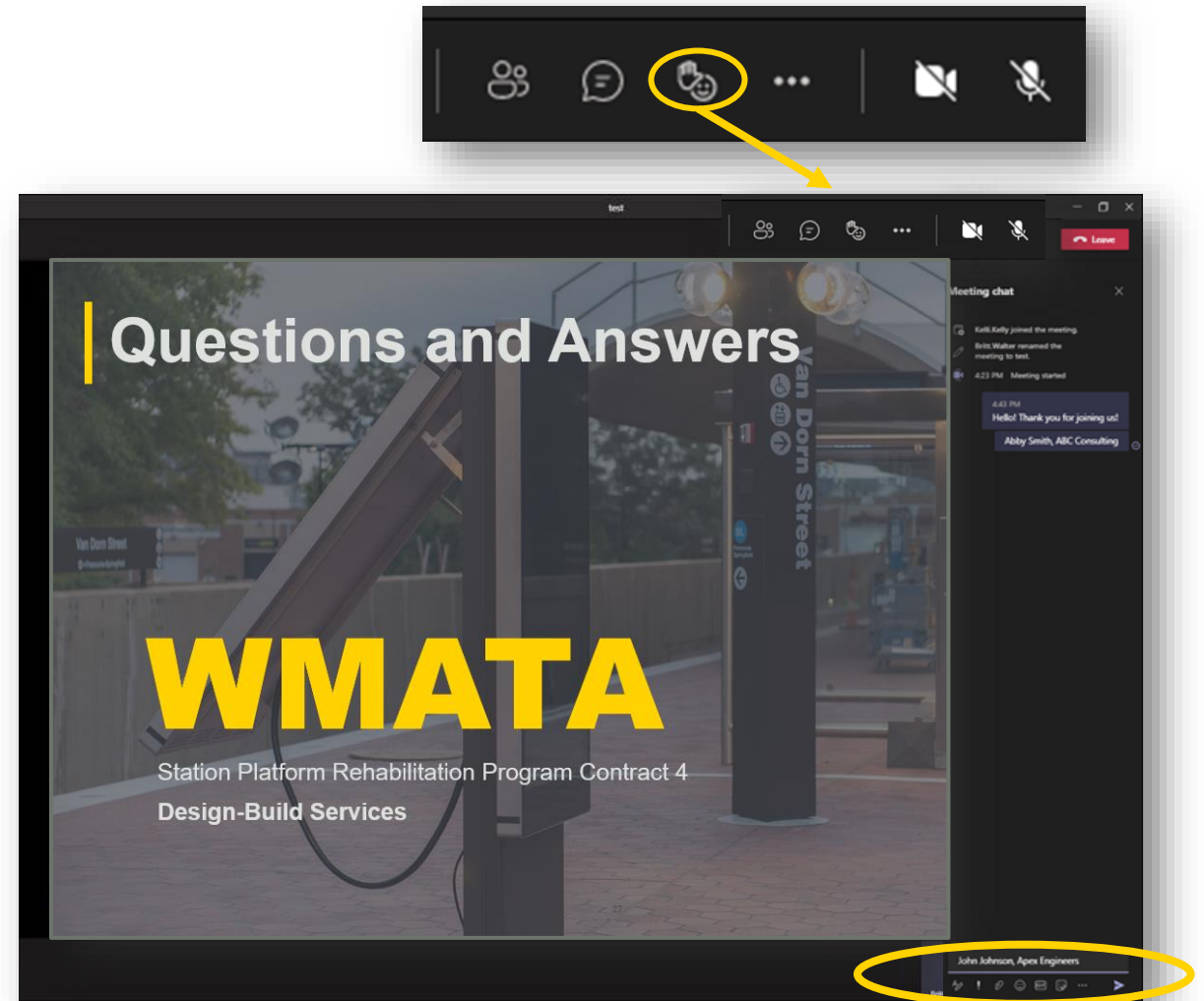
Design Build Organizations and Documents

- [Design Build Institute of America](#)
- [Design Build Done Right](#)
- [Associated General Contractors Design Build Resource Page](#)

Questions?

Please **type your questions** in the Meeting chat panel on the right or **click the “raise hand” icon** in the Teams toolbar.

One of our moderators will direct to the appropriate presenter.



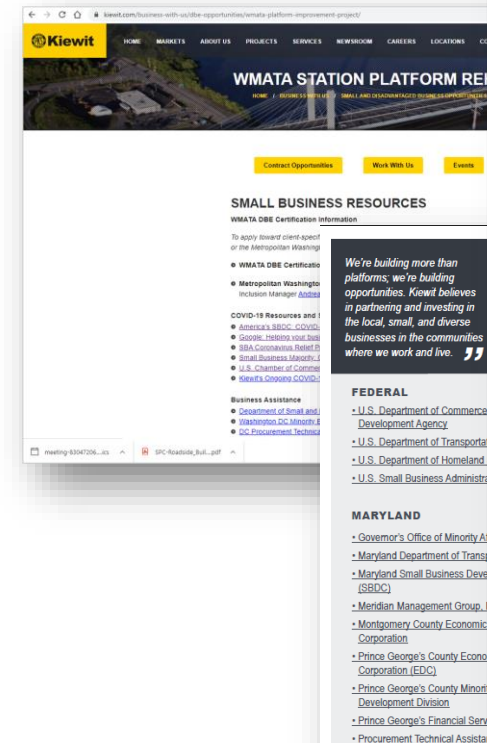
Questions and Answers


WMATA

Station Platform Rehabilitation Program Contract 4
Design-Build Services


Resources and Assistance

Kiewit is committed to providing information and resources to assist firms seeking opportunities to participate on the Platform Rehabilitation project.




Kiewit

STATION PLATFORM REHABILITATION PROGRAM
 PHASE 4
 RFP No. 20164/RCD



BIDDERS QUICK REFERENCE GUIDE - NEXT STEPS AND RESOURCES

JOIN OUR BIDDERS LIST!

- Join Our Bidders List: It's as Easy as 1-2-3:**
 Visit www.Kiewit.com/BuildingWMATA to complete our Subcontractor Questionnaire.
- Sign-up for Building Connected to be added to our bidder's list!**
 Create an account with Building Connected at: <https://app.buildingconnected.com/create-account>. (You will receive an invitation to bid via Building Connected for any bid package your company has been added to)
- Follow this link to see ALL Kiewit projects:**
<https://app.buildingconnected.com/public/6456896dc26ca11600879dd8>

1:1 Sign up for a Subcontractor Pre-bid 1-on-1: We'd like to get to know you!

To assist interested firms as they prepare to submit their bids and qualifications, firms on our bidders list will be invited to schedule a pre-bid one-on-one meeting with our project team. During these 15-minute sessions, members of our estimating team will be available to learn about your company and answer your questions about the project and bidding process.

Pre-bid one-on-one meetings will be conducted in April 2021. After you have completed the steps to join our bidders list, please email BuildingWMATA@Kiewit.com or visit our website for scheduling details.

Appointments will be available on a first come, first served basis.

Certification Information

Firms must be certified as Disadvantaged Business Enterprises (DBEs) by WMATA or the District Department of Transportation (DDOT) to count toward the 22% participation goal set forth by WMATA. For information about certification, please visit: <https://www.wmata.com/business/small-disadvantaged-business/dbe.cfm>. For assistance, email: DBEHotline@wmata.com.

STAY CONNECTED!

QUESTIONS?


Email: BuildingWMATA@Kiewit.com

Visit: www.Kiewit.com/BuildingWMATA

WMATA

BuildingWMATA@Kiewit.com | www.Kiewit.com/BuildingWMATA

• Virginia Small Business Development Center Network



Kiewit is committed to: Meeting or exceeding stated project participation requirements upon award of ongoing and upcoming WMATA projects; assisting interested DBEs in obtaining bonding, lines of credit or insurance; providing interested DBEs information related to the plans, specifications and requirements for work to be subcontracted or supplied by these DBEs; assisting interested DBEs in obtaining necessary equipment, supplies, materials or related assistance or services; sub-dividing bid items into economically feasible work units to assist DBEs and ensure equitable and meaningful participation.

Kiewit is an Equal Opportunity Employer.

Equity • Inclusion • Opportunity • Growth

Future Events -Technical Assistance Workshop Series

Workshops will be delivered as brief but informative webinars, following by a question and answer period with our subject matter experts.



Please click on the workshop titles below to reserve your spot!

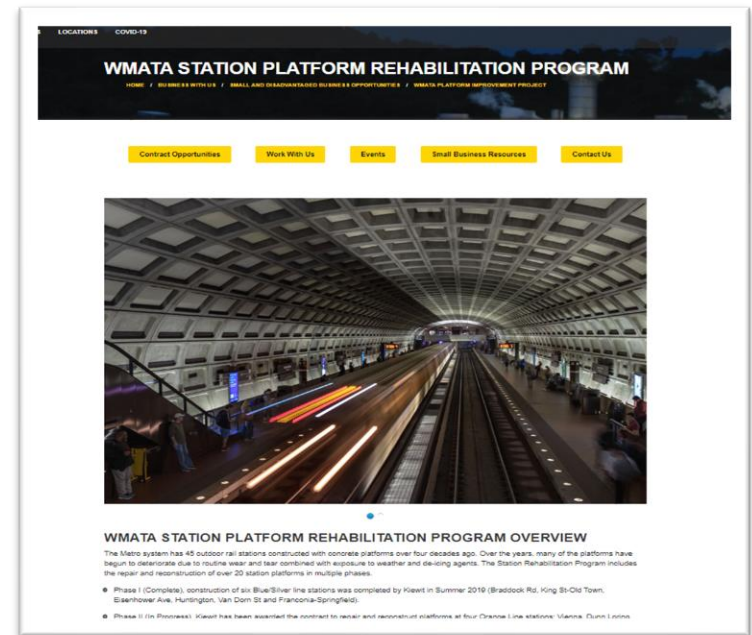
- **APRIL 27, 2021 (11:00 A.M. EDT) - Navigating BuildingConnected Bidding Platform**
New to the BuildingConnected bid platform? Join us for a system demo to learn how to set up an account, access project and bid documents, and submit your bids.
- **APRIL 28, 2021 (11:00 A.M. EDT) - Design-Build Delivery Method Overview**
Join us for an overview of the Design-Build delivery method. Learn about contract structure, procurement schedule and process, and key considerations for small firms.
- **MAY 5, 2021 (11:00 A.M. EDT) - Kiewit Safety Program Requirements Overview**
Safety is at the forefront of every Kiewit project. Join us to learn about our project safety requirements for the WMATA Platform Improvement Program.

Get Connected. Stay Connected.

Email:
BuildingWMATA@kiewit.com



Visit:
Kiewit.com/BuildingWMATA



Thank you for joining us!

AIM YOUR SMART PHONE
CAMERA HERE
TO ADD US TO YOUR
CONTACTS.



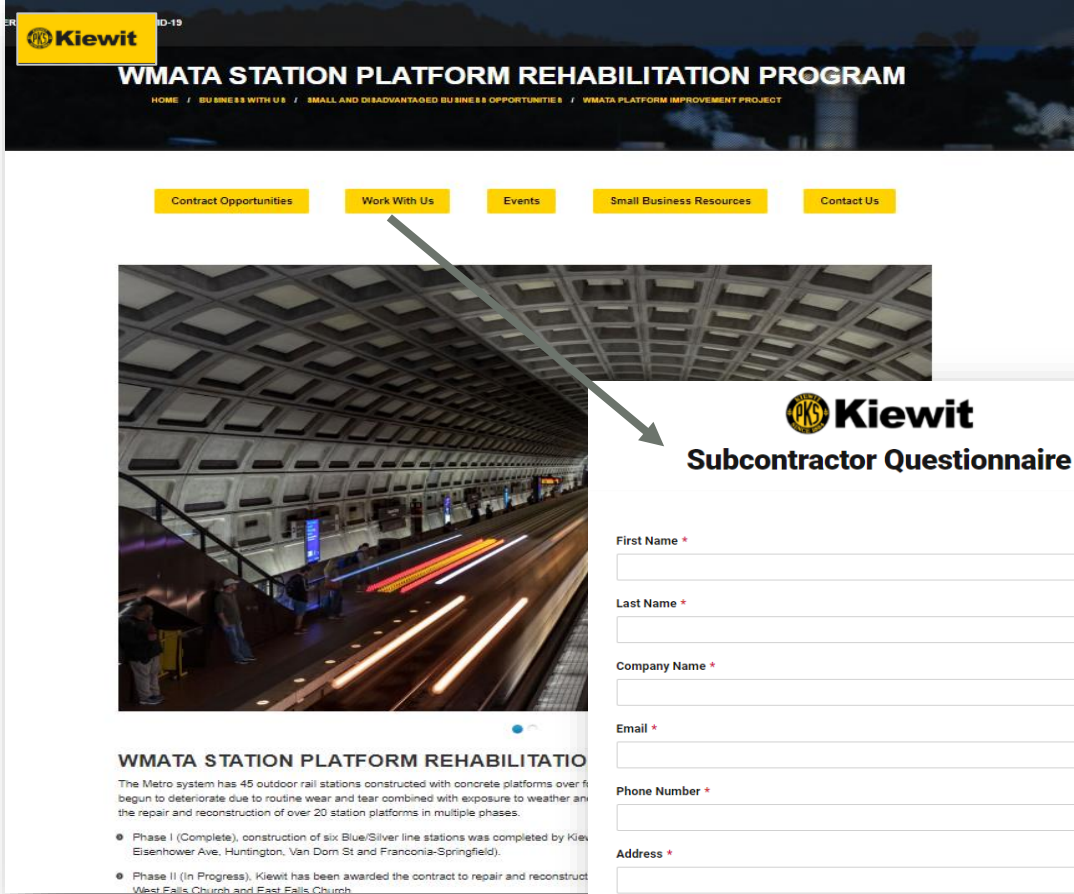
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Station Platform Rehabilitation Program Contract 4
Design-Build Services

Next Steps

Step 1:

Visit www.Kiewit.com/BuildingWMATA to complete our Subcontractor Questionnaire



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WMATA STATION PLATFORM REHABILITATION PROGRAM

HOME / BUSINESS WITH US / SMALL AND DISADVANTAGED BUSINESS OPPORTUNITIES / WMATA PLATFORM IMPROVEMENT PROJECT

Contract Opportunities Work With Us Events Small Business Resources Contact Us

Kiewit

Subcontractor Questionnaire

First Name *

Last Name *

Company Name *

Email *

Phone Number *

Address *

Website / URL *

Type of Work: *

☐ Professional services

☐ Construction

☐ Vendor/Supplier

Does your company have a current DBE certification from WMATA? *

☐ Yes

☐ No

Next Steps

Step 2: Sign-up for ***Building Connected*** to be added to our bidder's list!

- Create an account with Building Connected
<https://app.buildingconnected.com/create-account>
- Follow this link to see ALL Kiewit projects:
<https://app.buildingconnected.com/public/545c695dc26ca11600879dd8>



You will receive an invitation to bid via Building Connected for any bid package your company has been added to.