

Federal Way Link Extension Project Update

*Board Meeting
9/24/2020*

Today's Presentation

- Proposed Board Action
- What are Alternative Technical Concepts and Notice to Designers?
- Overview of the Design-Build Contract Delivery Method
- Questions

Why are we here

- Inform the committee on the proposed action
 - Increase Contract Contingency for Federal Way Link Extension (FWLE) Design-Build Construction Contract

FWLE: Alternative Technical Concepts (ATCs)

- Common design-build practice to promote innovation by Proposers
- Provides “equal or better” concepts *(as determined by ST)*
 - Cost Effective Measures
 - reduce construction risk
 - enhance operational safety
 - improve passenger experience
- “Approve” or “conditionally-approve” ATCs ahead of contractor’s Proposal
- Priced into the design/build contractor’s Proposal

FWLE: Notice to Designers (NTDs)

- Amend technical design criteria between formal revision cycles to Agency's Design Criteria Manual
- Supports consistent application of emerging changes to technical requirements
- Captures/implements lessons learned on the design of ST projects
- Ensures consistency of system-wide technical requirements

FWLE: Examples of ATCs and NTDs

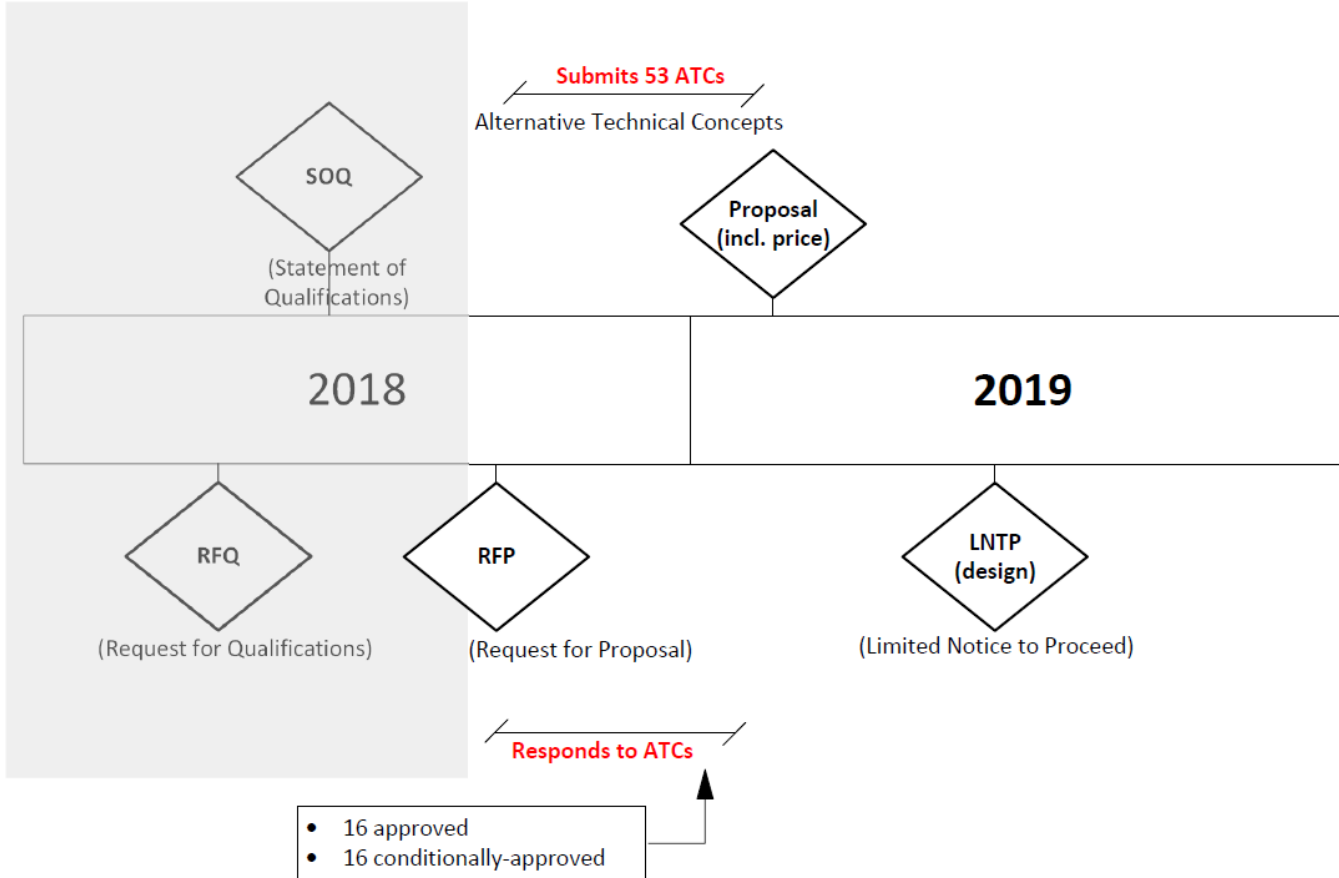
ATCs

- Track alignment passing the Midway Landfill
- Station configuration (height and passenger loading configuration) at 272nd/Star Lake Station
- Transit center configuration (bus/rail interface, and bus layover) at Federal Way Transit Center

NTDs

- Updates to the Design Criteria Manual for Stations and Garages
- Refinements to tail tracks
- Refinements for future expansion at the southern end of the alignment

FWLE Design-Build Delivery



FWLE Design-Build Delivery (past 15 months)

- ST, Kiewit, and our jurisdictional partners have been refining conditionally-approved ATCs
- ST and Kiewit have been refining design packages for NTDs
- Incorporating ATCs/NTDs through cost effective measures to reduce construction risk, enhance operational safety and/or improve passenger experience

FWLE Authorized Project Budget

- There is no change to the Adopted Baseline Budget
- The Construction Phase of the Budget includes an ATC/NTDs Allowance of \$100M
- This action authorizes the ATC/NTDs Allowance to the design-build contract construction contingency
- A similar Allowance was approved by the Board for the Downtown Redmond Link Extension (DRLE) design/build contract

FWLE: Authorized Budget by Phase

Project Phase	Authorized Project Budget (Before This Action)	Authorized Project Budget (After This Action)
Administration	\$96.5	\$96.5
Preliminary Engineering	\$49.0	\$49.0
Final Design	\$3.1	\$3.1
Construction Services	\$107.0	\$107.0
3rd Party Agreements	\$27.7	\$27.7
Construction	\$1,829.4	\$1,829.4
- DB Contract Commitment	\$1,291.2	\$1,291.2
- DB Contract Contingency	\$122.51	\$222.51
- ATC/NTDs Allowance	\$100.0	\$0.0
- Other Construction	\$315.7	\$315.7
ROW	\$338.8	\$338.8
Total	\$2,451.5	\$2,451.5

Note: dollars are in millions

Today's Proposed Board Action

Increase Contract Contingency for Federal Way Link Extension Design-Build Construction Contract

- M2020-54: Authorizes the chief executive officer to increase the contract contingency for the Federal Way Link Extension design-build contract with Kiewit Infrastructure West Company in order to incorporate Alternative Technical Concepts and Notices to Designers through cost-effective measures that reduce construction risk, enhance operational safety, and/or improve passenger experience in an amount of \$100,000,000 for a new total authorized amount not to exceed \$1,513,720,000.

Thank you.

Thank you.



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