FEBRUARY 17, 2022, BOARD MEETING AGENDA ITEMS #4 AND #5 - REQUEST FOR QUALIFICATIONS FOR DESIGN FOR MERCED TO MADERA (M-M) PROJECT, AND FRESNO TO BAKERSFIELD LOCALLY GENERATED ALTERNATIVE (LGA) PROJECT

Christine Inouye
Chief Engineer of Strategic Delivery
February 17, 2022
Items for Consideration

• Provide approval to release two Request for Qualifications (RFQ) for Design Services for the following project sections:
  1. Merced to Madera
  2. Fresno to Bakersfield Locally-Generated Alternative

• These RFQs would result in architectural and engineering consultant services to progress design to configuration footprint (minimum 30% design), value engineering, cost refinements, travel time enhancements, right-of-way mapping, and utility relocation requirements
• **Merced to Madera (M-M)**
  » Total length is approximately 33.9 miles
  » Located within the counties of Merced in the north and Madera in the south
  » Begins at R Street in Downtown Merced and concludes at Avenue 19 in Madera
  » Includes 40 structures with three long viaducts, 29.9 miles of embankment
LOCALLY GENERATED ALTERNATIVE
PROJECT SECTION OVERVIEW

• Fresno to Bakersfield Locally Generated Alternative (LGA)
  » Total length is approximately 18.5 miles
  » Located in Kern County within Cities of Shafter and Bakersfield
  » Begins at southern limit of CP 4 at Poplar Avenue in Shafter and ends at the Bakersfield Station at F Street
  » Includes 31 structures with two long viaducts, 12 miles of embankment
Notices to Proceed 1 and 3 advance design in stage 3

NTP-1
NTP-3 (OPTION)
Advance design to configuration footprint

» M-M (NTP-1) – Martin Luther King Jr. Way in Merced to Madera
» M-M (NTP-3) – R Street to Martin Luther King Jr. Way in Merced
» LGA (NTP-1) – Poplar Avenue to Bakersfield
**Scope of Work for Notices to Proceed 1 and 3, stage 3 configuration footprint**

- Establish project configuration footprint (progress design to minimum 30%)
- Value engineering
- Refine project cost
- Study travel time enhancements
- Update project risk assessment and schedule
- Right-of-Way mapping
- Identify utility conflicts/relocations
- Develop third party agreements including those with railroads, local jurisdictions, and utilities
NTP-2 provides options to complete design in stage 4.

- M-M (NTP-2) – R Street in Merced to Madera
- LGA (NTP-2) – Poplar Avenue to Bakersfield
- **Scope of Work for Notice to Proceed 2, stage 4 final design**
  - Prepare final design and construction ready documents
  - Prepare construction staging plans and review for constructability
  - Study travel time enhancements
  - Update project risk assessment and schedule
  - Begin securing environmental permits from federal and state agencies

- **Right of way acquisition and utility relocations (to be done by the Authority and others) can begin late in stage 3 or by stage 4**
NTP-1 - configuration footprint design, value engineering, refined costs, schedule, risk, study travel time enhancements
2 years, 3 months, $41.0 million
Consistent with the Expenditure Authorization approved by the Board in December 2021

NTP-2 (OPTION) - At the sole discretion of the Authority, final design and construction ready documents
2 years, some work to be done concurrently, $103.4 million

NTP-3 (OPTION) - At the sole discretion of the Authority, configuration footprint design, value engineering, refined costs, schedule, risk, study travel time enhancement from R Street to Martin Luther King Jr. Way
Work to be done concurrently, $6.8 million
NTP-1 - configuration footprint design, value engineering, refined costs, schedule, risk, study travel time enhancements
2 years, 3 months, $44.9 million
Consistent with the Expenditure Authorization approved by the Board in December 2021

NTP-2 (OPTION) - At the sole discretion of the Authority, final design and construction ready documents
2 years, some work to be done concurrently, $72.0 million
Evaluation and Performance

» This is a qualifications-based procurement. The actual contract amount will be negotiated, and a recommendation presented to the Board for consideration to award.

» The contract includes provisions for a performance-based fee structure. Details of performance criteria to be developed as part of annual work plan process.

» The performance-based fee range is limited to between 8% to 11% based on performance, quality, cost, schedule, and other factors.

» The Authority will evaluate teams for the full scope of work but intends to only fund and execute NTP-1 at this time.

» Pre-award audits will be conducted concurrently with negotiations prior to execution.
• Evaluation and Performance

» Environmental, social, and governance (ESG) efforts, which may include any environmental sustainability efforts, socio-economic equity policies, and governance policies, will be incorporated as a pass/fail requirement in the Request for Qualifications

» Offerors shall provide information on their ESG efforts which may include any efforts, policies, or reports

» Small business, Disadvantaged Business Enterprise (DBE), and Disabled Veteran Business Enterprise (DVBE) utilization goals are also included in the requirements

» 30% Small Business utilization goal, inclusive of 10% DBE utilization goal, and 3% DVBE utilization goal
### Key RFQ Procurement Dates

<table>
<thead>
<tr>
<th>Activity</th>
<th>Merced to Madera</th>
<th>Fresno to Bakersfield LGA</th>
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<tbody>
<tr>
<td>Board Meeting</td>
<td>February 17, 2022</td>
<td>February 17, 2022</td>
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<tr>
<td>RFQ Release Date</td>
<td>February 18, 2022 or thereafter</td>
<td>February 18, 2022 or thereafter</td>
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<tr>
<td>Pre-Bid Conference and Small Business Information Workshop</td>
<td>March 2, 2022</td>
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<td>SOQs Due</td>
<td>April 19, 2022</td>
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<tr>
<td>Anticipated Notice of Proposed Award Released</td>
<td>May 2022</td>
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<td>Board Meeting</td>
<td>July 21, 2022</td>
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<tr>
<td>Contract Execution / NTP Issuance</td>
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