

California WaterFix Industry Day Notes

Opening Remarks

- Davis: Believes construction will begin in a year 12/2018
- This is a bypass for the heart of California; said this is the analogy they are using now
- He feels that the audit and its conclusions “embolden” (sounded like ennoble?)
- Generally lots of allusions to the aging infrastructure, comparisons to the past projects

Days agenda

- The bidding opportunities will open 12/7/2017. Three Request for Qualifications (RFQ) and one Request for Proposal (RFP) will be available
- Presentation: Design, Infrastructure, Schedule, Procurement, Small Business and Disabled Veterans Business Enterprise, Q&A
- Website for RFQ and RFP is caleprocure.ca.gov
- All information from panel and presentation will be available online by sometime next week, presumably on the CWF website; list of attendees available by this Friday (12/8/17)

Design

- Looked at best practices from multitude of other large tunnel projects (just recently visited a 40-ft. wide tunnel in Hong Kong, picture of inside was in presentation)
- The Design and Construction Enterprise (DCE) is being created to manage risk, communications, transparency, budget and schedules, will sunset
- DCE will be located in Sacramento, staffed by DWR, other state agencies, state water contractors
- DCE will transition to the Delta Conveyance Design and Construction Joint Power Authority (DCA), will likely be managed in similar fashion to DCE.
- The DCA will award more RFP and RFQ
- Left the slide still required permits for very short time

Infrastructure

- Construction Videos used are same available at the CWF website; showed intake construction video and the shaft construction/tunnel boring video
- Fish screens are “state of the art”
- Intakes are different sizes, Intake 2 (northernmost) will be largest at 113 acres
- 2-3 contracts will be awarded for the North tunnels (between intakes and intermediate forebay)
- Main tunnels will have 4 or 5 contracts for construction
- Clifton Court forebay will require retrofitting and expansion; still deciding hydraulic aspects of the design, how to make it all work flow-wise
- Pumps at the north end of Clifton court, for main tunnels, will require a lot of electrical contracts (no specific number)

- They called RTM Muck! Says it is sterile, can be used for engineering fill, hoping to sell it (but shaft video says it “may” be reusable)
- Expect to have 10-12 tunnel boring machines being used at once; will require 195 megawatts of power in total
- TBM is 400 ft long machine; the panel indicated they have not decided on source of TBM

Schedule

- The three RFQs and one RFP will be available 12/7/2017, Engineering Design Manager (the project manager), Survey/row/mapping, geotechnical, and property acquisition (will be RFP)
- EDM will help refine/plan design as project manager, will help with the feature design RFQs; it is a “beginning to end position”
- In Q&A, they say the project design is 5% done, and EDM is pushing the project towards 20-30%, will help answer existing issues
- They see the property acquisition and Geotech contracts as key for getting the project going forward, so they are included in that first round as well
- General timeline of RFQ/P is: Power, public education, and legal; environmental permits, quality, and performance management; conveyance mitigation; then the specific design features
- Budget stands at \$1.9B for engineering, \$9.5B for construction, \$3.3B for contingency, and \$146M for land acquisition
- Mitigation budget is \$400M for environmental commitments, \$200M for program administration, and \$200M for contingency

RFQ/P Process

- Interviews to find most qualified candidate, then a price discussion, price agreement, final approval, first round of RFQs to be awarded end of March, early April
- RFP costs in proposal, and are non-negotiable; RFP awarded based on highest score, 30% of which is the cost, the rest other criteria included in individual RFP
- There will be a 12/19/17 SOQ and Proposal Conference Session, one for each RFQ/P
- For information on RFQ/P go to caleprocure.ca.gov; not sure if need to register to access postings, but definitely need to register to receive updates

SB/DVBE

- DWR encourages as much contracts go to SB or DVBE as possible
- State project, only state laws on this apply; no federal SB or DV laws are applicable to the project
- Outreach events will be held sometime next month

Q&A

- There may be possible additional industry days as the next batch of RFQ/P come up (all within the next year); possible events in Southern CA but not sure at this time
- Tunnel costs are expected to be \$6.5B (Construction Component Only)
- All information on the RFQs will be on [caleprocure](http://caleprocure.ca.gov) website, nowhere else; not a public works project so newspaper notice is not necessary

- Reiterating groundbreaking happening next December, not on features (tunnels/Clifton court/intermediate forebay)
- The EDM will not handle construction management duties, a separate construction management will be separate RFQ at a later date
- Conceded not all funding is available, but did assure that funding for the first four RFQ/P is available
- The DCE will be filled with consultants, after agencies and water contractors fill as many positions as they can; areas of expertise will need to be filled by consultants
- The EDM is conflicted out from serving in any other DCE role; but the DCE feature roles will not be conflicted out from construction roles