

Milestone	Requirements
Pre-Qualify TBM Manufactures	- Pre-Qualification Criteria - Outreach - Advertise - Review and Recommend - Inform Successful Manufactures
Pre-Qualify Design Build Teams	- Set Pre-Qualification Criteria - Outreach - Advertise - Review and Recommend - Inform Successful Teams
Prepare Design Build Contracts	Design Tasks - Tunnel Cross Sections - Portal and approaches geometry - Working areas - Geotechnical Investigation and Baseline Report - Settlement Report - Mitigation measures – must do? - 3rd Party Agreements - Ground treatment - Speciation requirements - Utilities - Diversions - TBM power - Wastewater disposal - Fire-life safety requirements - Agreement with Fire Marshall, FHA, City ? - Performance requirements for ventilation? - Muck disposal plan - Contractual - Contract Terms and Conditions - Insurance – Owner Controlled? - Bonding Requirements - Contract packaging including sizes and interfaces - Contractor GBR? - Best value or low bid? - Incentives – pain/gain - Stipend? Size? - Must use pre-qualified TBM manufacturer? - Design Submittals and review process - Independent QA?
Prepare and Issue TBM Pre-Design Contract Documents	- Slurry or EPB? - Tunnel Diameter – Link to FLS requirements - Contract value – based on number of pre-qualified

	manufactures? - Deliverables for discussion with TBM Steering panel - Performance Requirements - Must Haves
Issue Design Build Contract Documents	- Period for Bid - Bid assessment
FWHA Submittals	Project Management Plan Procurement Plan Risk Analysis Others?
Cost Estimate	
Master Schedule	
ROW	