1. Project Background
2. Project Sites
3. Design Criteria
4. Design-Build Services
5. Key Issues
6. Project Challenges
7. Schedule / Budget
8. Questions
Quality Level D
• Utility locations based solely on existing utility records or verbal recollections.

Quality Level C
• Locations based on survey of visible utility facilities

Quality Level B (Accepted if conditions do not allow for Level A)
• Locations identified using appropriate surface geophysical methods to determine existence and horizontal position.

Quality Level A (Provided whenever possible for this study)
• Highest level of accuracy using non-destructive subsurface exposure of utilities (i.e. “pot holing”)

Design Criteria – Subsurface Utility Eng’g (SUE)
• Master Utility Plan Study led by Design Professional
• Pot holing and emergency repairs / modifications to be completed by Contractor
• The successful D-B team is eligible to propose on future projects identified within the final study.
• At a conceptual level, will you use a different approach at Tempe (urban, highly congested) than the Poly campus?

• With regard to team experience, please address data modeling and designing data for network analytics, asset management, regulatory compliance and project planning.

• What strategies do you employ w/ goal of minimizing pot holing?

• How do you integrate GIS data with modeling capability?

• How do you use assessment data of existing conditions and future growth projections to define/prioritize future capital projects?

• What is your methodology for establishing project priorities?

Key Issues  (Address in RFQ Submission)
• Lack of accurate information / documentation relative to existing utility locations and physical condition.
• Condition / congestion of existing utility tunnels
  • Personnel safety during tunnel assessment activities
• Unexpected sub-surface conditions
• Minimizing impact to student / vehicle flow during pot holing activities.
• Inadvertent utility/system shutdown due to damage incurred during pot holing
• Coordination with 3rd party utility companies
• Scope creep / Budget management

Project Challenges
Project Kick-Off – Before End of 2018

Study Complete – Before End of 2019

• Those submitting qualifications should assume the total duration of the study should require less than 12 months.

• RFQ submissions should include a milestone schedule confirming this duration is achievable.

• Total allocation for this study cannot exceed $10MM
Thank You. Questions?