

(Revised July 11, 2019)

**REQUIRED QUALIFICATIONS AND EXPERIENCE**

**A. Company Experience (Similar Projects):**

1. The Bidder shall provide evidence of having at least five (5) years' operating as the same company (Submit qualifications with Bid Documents);
2. Within the last five (5) years, the Bidder has successfully managed and completed\* at least one PACP scored closed circuit television wastewater collection system assessment (CCTV) project, totally integrated sonar camera inspection technique (TISCIT) project, or a combination of CCTV and TISCIT with a minimum contract value of \$2.5 million and with the project including 400,000 linear feet (LF) of PACP assessment, (Submit qualifications with Bid Documents) and
3. Within the last five (5) years the Bidder has successfully managed and completed\* at least one MACP scored manhole condition assessment (MCA) project with a minimum contract value of \$500,000 and with the project including 4,500 MACP assessments (Submit qualifications with Bid Documents).
4. Additional qualifications must be submitted as required of Sections 01510 and 01530 of the Technical Specifications (Submit valid certification to Project Manager after Notice to Proceed).

**B. Specialized Equipment Requirements:**

1. The Bidder must possess or have access to an easement machine and All-Terrain Vehicle (ATV) equipped for performing CCTV or TISCIT and cleaning work located off of the road right-of-way. (Submit Equipment Inventory List to the Project Manager after Notice to Proceed)

**C. Key Personnel Experience:**

1. The Project Manager and/or Supervisor of field crews must be qualified to lead this project with a minimum of five (5) years of experience as a project manager on similar projects. The project manager shall have been in leadership roles on condition assessment projects of similar scale. (Submit NASSCO Certification and qualifications with Bid Documents).
2. The Data Manager must be in a leadership role on inventory and condition assessment projects of similar scale including three (3) years of experience in preparation of reports, management of field data collection, data analysis, data management and quality assurance. (Submit qualifications with Bid Documents).

**D. Field Crew & Technician Experience:**

1. All field crew leaders conducting and/or evaluating inspections shall have two (2) years' experience in performing PACP or MACP assessment functions and hold a current

NASSCO PACP or MACP certification accordingly. (Submit valid certification to Project Manager after Notice to Proceed).

2. All technicians or supervisors who control the operation of television equipment and encoding of inspection data shall be PACP or MACP certified. Should the Contractor utilize any personnel to actually document the inspection results that are not PACP or MACP certified, those inspections shall be refused, and a resurvey shall be completed at the Contractor's sole expense. (Submit valid certification to Project Manager after Notice to Proceed).
3. The Bidder's attention is called to the Specifications for additional certifications to be submitted to the Project Manager (Section 01510 CCTV, Section 01530 MCA, Section 01540 Safety, Confined Space, etc.). (Submit valid certification to Project Manager after Notice to Proceed).

\* Should the Bidder not have a single project meeting the previously requested values found in PACP and MACP assessment criteria of Section A, the County is agreeable to consideration of other accumulated PACP and MACP work performed under more than one contract with value and quantities completed and accepted within the past five (5) years to meet the requirements. These accumulated projects must sum to or exceed the requirements of Section A, parts 1, 2 and 3:

1) Contract value of \$2.5 million: Submit additional experience for a PACP and MACP level assessment contract with work completed and accepted and with a minimum value of \$1 million;

2) PACP Experience: Submit additional experience for PACP assessments for contract(s) with no less than 150,000 linear feet of inspections completed and accepted (CCTV, TISCIT or combination) each; and

3) MACP Experience: Submit additional experience for MACP assessments for contract(s) with no less than 1,000 inspections each completed and accepted.