



SUPPLEMENTAL QUESTIONS
OUC 54000 Property Office

Consultant Name: _____

Date: _____

- All Supplemental Questions must be answered for each Numbered Service checked off in **Section 5. Services Requested for Prequalification Consideration** on the Application.
- There is a bookmark navigation panel to the left. To navigate to a set of Supplemental Questions, click on the “plus sign” next to the applicable Service Number then answer each question.
- If a Service Number checked off in Section 5 of the Application is not listed in the Table of Contents below or on navigation panel, there are no Supplemental Questions for that Service Number.

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Consultant Name: _____

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**Supplemental Question(s) for 301.10 Engineering/Topographic Surveys
301.30 Hydrographic Surveys
302.00 Remote Sensing, Aerial Photography & Photogrammetric Mapping Services**

1. Describe the methods and standard practices employed to ensure Quality Control, Project Management, and oversight.

Consultant Name: _____

Date: _____

2. List office locations, in-state and out of state. Indicate the geographic locations or regions of Maine crews would be available and timeline for availability for this work.

Consultant Name: _____ Date: _____

3. Describe your firm's Safety Program, training and equipment provided to the field crews, and field operations to be performed for work under these services.

Consultant Name: _____

Date: _____

4. Data must be provided in accordance with the "MaineDOT CADD Standards" as posted on the MaineDOT website (<https://www.maine.gov/dot/doing-business/cadd/standards>). Can your firm provide the data in the prescribed format? Yes No
- Can your firm provide the data in the following formats? DGN DTM

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Consultant Name: _____

Date: _____

5. **EQUIPMENT** (fill out all sections that apply):

EQUIPMENT TYPE	MAKE	MODEL	YEAR	LOCATION (STATE)	TOTAL QUANTITY
GPS EQUIPMENT					
TOTAL STATIONS					
DATA COLLECTORS					
LEVELS					
AERIAL CAMERAS / SENSORS					
DIGITAL MAPPING / IMAGE WORKSTATIONS					
TERRESTRIAL LASER SCANNER					
MOBILE MAPPING SYSTEM					
UNMANNED AERIAL VEHICLE (UAV)					
CADD SYSTEM	Version:				
FATHOMETERS					
BATHYMETRIC SURVEY EQUIPMENT					
BOATS / SKIFFS					
AIRPLANES					
OTHER					

Consultant Name: _____

Date: _____

6. **IN-HOUSE SERVICES** (*check all that your firm can provide*):

- Geodetic Surveying Establishing Horizontal and Vertical Control
- GPS Control and Processing
- Construction survey quality assurance including machine control construction projects
- Topographic plans, and contour modeling and processing
- Terrestrial Lidar Scanning
- Mobile Lidar Scanning
- Data translation to Department-based software and standards
- Bathymetric Survey
- Maine PLS
- FAA Certification
- Mobilization and demobilization of aircraft
- Aerial Photography
- Photogrammetric Flight and Control Design Service
- Photogrammetric Mapping Services, including, but not limited to:
 - High Frequency Lidar (green)
 - base station occupation
 - target setting
 - data processing
 - Aero-triangulation
 - Orthophoto production
- Airborne GPS survey services

Consultant Name: _____

Date: _____

Supplemental Question(s) for 301.20 Property Surveys

1. Does your firm have experience using Bentley CADD software programs, such as MicroStation and Open Roads Designer? If so, describe what types of projects it has been used for.

Consultant Name: _____

Date: _____

2. Does your firm employ a Professional Surveyor licensed in the state of Maine? If so, what types of projects in Maine has this employee managed?

Consultant Name: _____ Date: _____

3. To what extent does your firm research existing road right of way records when performing boundary surveys of private properties?

Consultant Name: _____

Date: _____

Supplemental Question(s) for 302.00 Remote Sensing, Aerial Photography & Photogrammetric Mapping Services

1. Submit, as a separate attachment to the submittal email, your firm's most recent camera calibration and other relevant calibration reports.
2. Indicate the required minimum response time your firm would need to begin work after receiving a survey services request from MaineDOT.

Consultant Name: _____ Date: _____

3. Describe methods of establishing Horizontal & Vertical Control on Projects, and Horizontal & Vertical positions of targets, and validation Points.

Consultant Name: _____ Date: _____

4. Submit, as a separate attachment to the submittal email, a sample of a Project Control and Data Processing Report.
5. Describe your firm's ability to provide feature extraction and terrain modeling in a format that meets "MaineDOT CADD Standards" (<https://www.maine.gov/dot/doing-business/cadd/standards>).