Exhibit 1, Attachment A

Scoping Document Markup

461 RTK/DGPS shall be used for vessel positioning and heading. For navigation, data collection and processing SDI shall employ a computer equipped with the Xylem brand HYPACK/HYSWEEP software. Equipment calibration procedures shall follow manufacturer recommendations.

Soundings will be collected in both raw and adjusted (tide corrected) formats using RTK GPS derived water surface elevations. Data shall be collected in feet relative to the project datum. Redundant tide measurements will be recorded as a quality control check on the RTK GPS derived water surface elevations. A tide gauge shall be employed to record continuous tidal data during the course of bathymetric data collection. Tidal data shall be collected and recorded at intervals 10-minute intervals or less. Upon completion of the survey bathymetric contour maps shall be provided to PEI to assist in their assessment survey.

- Side Scan Sonar Survey

  SDI shall conduct a side scan sonar survey as required to achieve full bottom coverage of both reef areas. Side scan sonar data will be collected using an Edgetech, Model 4125, fully digital, high-resolution (400 / 900 kHz) side scan sonar data acquisition system. The 4125 utilizes full spectrum CHIRP technology for superior resolution. Positioning shall be provided via integrated Trimble SPS-461 RTK/DGPS. Data shall be collected to within navigable limits of survey launch. The system range setting will be set to achieve full bottom coverage of the survey areas with no less than 100% overlap between adjacent lines. Data will be captured in a georeferenced, digital environment allowing the operator to interpret and classify objects real-time during the course of the survey.

  Upon completion of the field survey, digital images will be translated to a fully georeferenced mosaic utilizing Chesapeake software, and subsequently exported as Geo-Tif images for interpretation and charting. The Geo-Tif images will be superimposed on maps produced from the bathymetric survey operations. Features of interest will be mapped and classified. Features of unknown or questionable classification will be noted accordingly for subsequent diver verification by PEI.

Task Three: Benthic Study

In RAI (SER-2018-19433), National Marine Fisheries Service (NMFS) expressed conc
project's proposed activities may pose direct and indirect impacts to ESA-listed coral sp
"action area". The "action area" as defined by the Environmental Assessment Report (
97 acres in Coral Harbor. However, the United States Army Corp of Engineers (USAC
"action area" to include 114 acres. In addition to the action area, the applicant propo
additional 750 acres for mitigation activities (Compensatory Mitigation Plan, Decembe
activities in the 750 acres will depend upon the results of the proposed circulation
analysis studies as well as the presence and extent of marine debris and damage
throughout the potential mitigation area. The applicant proposes to conduct a survey t
coral species within the project's defined "action area" and the "mitigation area".

In response, Pinnacle Ecological, Inc. (PEI)'s scope of work will include:

- roviding a comprehensive list of ESA-listed corals present in the propos
  area",

sarah.furtak Jun 4 Reply

Bullets on pages 4-5 address generation of a list of the ESA-listed coral in the action area (not just Harbor Point and Pen Point). Ensure ESA-listed coral are surveyed and locations of the ESA-listed species (throughout Coral Harbor and relative to the project footprint) are also provided, according to the request for additional information dated 9/26/2018. Also, the sequence of the phases is not clear. For example, if modeling were to show turbidity would stay within 100 ft of the project footprint, then the benthic survey logically would not be needed over the entire ~100 acres of Coral Harbor.