

REQUEST FOR QUOTE

DUNE AND RIPARIAN RESTORATION

Background: The Nature Conservancy has entered into an agreement with the NYS Dept. of Environmental Conservation to host the SLELO PRISM to deliver core functions of an invasive species management program including the creation and delivery of the Aquatic and Riparian Restoration Initiative, designed to identify the most deserving areas in need of monitoring, management, and restoration in the Eastern Lake Ontario region. **The Nature Conservancy intends to enter into agreement with a subcontractor for the purpose of administering the Aquatic Restoration Initiative Phase IV, of the South Sandy Creek Project and Phase III of the North Sandy Pond Special Project.** It has been determined by the St. Lawrence Eastern Lake Ontario partners Partnership for Regional Invasive Species Management (SLELO PRISM) and steering committee that working with a subcontractor is desirable and beneficial towards producing the deliverables sought for this project.

Riparian and Aquatic Invasive Species (IS) are non-native organisms whose introduction causes or is likely to cause harm to the environment, economy and/or human health. IS can negatively impact native ecosystems by disrupting typical processes by limiting food sources, competing with or displacing native species from their habitats. Invasive plant species in near shore riparian areas such as Japanese knotweed and common reed may further degrade freshwater habitats. Previous phases of work can be found on our website, www.sleloinvasives.org/aquaticrestoration. To scale-up this initiative, this work will also focus on building partnerships with organizations within NYS and the Great Lakes Region to include but is not limited to NYSDEC, Onondaga Audubon, US Fish and Wildlife Service, NYS OPRHP and more. Information regarding this work will be disseminated to any interested parties through outreach and educational resources.

Deliverable: The delivery and administration of a comprehensive project including the management of invasive species, restoration of native species in select identified regions in Eastern Lake Ontario enabling natural ecological processes to reestablish resulting in site resiliency.

Term and Payment: The term of this agreement shall begin March 20, 2023 and will be completed no later than December 5, 2023. The total cost of this award shall not exceed \$20,000.00.

Quotes shall include the following:

- Detailed quote for services, including preferred billable format ie: hourly, daily etc
- Information on similar projects (if any) subcontractor has worked on that will demonstrate the subcontractor's ability to perform the tasks outlined in this RFQ
- Names, qualifications, and experience of specific members of the project team (*when feasible*)

The Nature Conservancy, as host organization for the SLELO PRISM, will use this information to properly evaluate the 1) subcontractor's capabilities to conduct the tasks and 2) whether the proposed quote meets the goals and objectives.

Interested parties should submit a quote no later than February 28, 2023 to Brittney Rogers, Brittney.Rogers@tnc.org



Tasks to be accomplished by subcontractor;

1. Once selected, the subcontractor shall complete Project Initiation tasks to:
 - a. Develop and finalize a workplan including monitoring, suppression, species installation and schedule of work.
 - b. Gain access to iMapMobileAdvanced
 - c. Secure necessary state and/or federal permits and landowner approval(s) to conduct the work (as required).
 - d. The subcontractor shall provide a valid license for the use of herbicides or pesticides.
 - e. Schedule Project Kick-Off Meeting with SLELO PRISM and subcontractor
2. The subcontractor shall complete the following activities at the South Sandy Creek site as listed below in a minimum of four site visits:
 - a. Mechanical Removal: Conduct mechanical management and biomass removal in early spring at South Sandy Creek Phragmites population C.
 - b. Monitor: Visit site at least three times to survey for any regrowth of Japanese knotweed, common reed and bishops goutweed, map and report invasive presence and any existing native species within project site not yet identified.
 - c. Suppression: Treat target species by incorporating manual, mechanical and chemical control measures. This includes strategic management of select sites for bishops goutweed in areas intended for restoration, approximately .6 acres of phragmites and less than 2 acres of Japanese knotweed. Entire project area for 2023 efforts is 24 acres.
 - d. Habitat Restoration: Install (~6,500) native species pre-purchased by SLELO PRISM at South Sandy Creek Site. This list can be provided upon request.
 - i. As necessary, purchase and application of seed, with particular attention paid to areas lacking vegetation to stabilize exposed soils and reduce the re-establishment of invasive species.
3. The subcontractor shall complete the following activities at the North Sandy Pond site as listed below in a minimum of four site visits:
 - a. Monitor: Visit site at least three times to survey for any regrowth of common reed, map and report invasives presence and any existing native species within project site not yet identified.
 - b. Suppression: Treat target species by incorporating manual, mechanical and chemical control measures as applicable. Focus area is from the end of Renshaw Bay Road to the southern end of the Willow Manor Association property. This site includes four private parcels and one OPRHP managed parcel. Total population is estimated to be up to 1 acre of dense phragmites and up to 2 acres of sparsely distributed phragmites. Entire project area for 2023 efforts is 12 acres.
 - c. Habitat Restoration: install appropriate species at the North Sandy Pond Site.
 - i. Purchase and install native species to be planted at management sites within project area as agreed upon by SLELO PRISM
 - ii. As necessary, purchase and application of seed, with particular attention paid to areas lacking vegetation to stabilize exposed soils and reduce the re-establishment of invasive species.
4. All invasive species populations and treatment records will be uploaded to iMapMobileAdvanced in Esri's FieldMaps.
5. Upload detailed Mid-season and Final Reports (with photos, maps etc.) to provided Box file summarizing the project which shall include but is not limited to:
 - a. Initial workplan as outlined in task 1 above, accomplishments to date
 - b. Management and restoration summary and results for each site
 - c. Including maps and progress images
 - d. Additional invasive species found and identified at each site shall be recorded in final report, but all new Tier 1-3 Species, are to be reported immediately

- e. Suggested or recommended continuation of management and restoration work to improve habitat impacted by invasive species or as the result of suppression and control work
 - i. Recommendations should consider impacts from changing climatic conditions, provide baseline data for measuring changes or results of restoration work, lessons learned and potential transferability for other organizations to replicate work, and,
- f. Digital photos of work throughout the project.
- g. Data including GIS shapefiles and high-resolution images and any other raw data collected as part of this project.

Tasks to be accomplished by (The Nature Conservancy).

1. Supply ~6,500 individual tubelings and plugs to subcontractor to be installed at South Sandy Creek
2. Coordinate with the subcontractor regarding deliverables.
3. Provide guidance to the processes as needed/feasible during the project.
4. Assist with obtaining landowner access permission (as needed) to conduct work.

