

Earth Conservancy Espy Run Riparian Tree Planting Project
Hanover Township, Luzerne County

The following quote document is for the Earth Conservancy Espy Run Riparian Tree Planting Project. One lump-sum quote shall be submitted for all items as described in the design documents. Quotes shall be submitted on this document and placed in a sealed envelope or emailed. The email or envelope shall be labeled with the words, “**Earth Conservancy Espy Run Riparian Tree Project -Quote**”. All instructions shall be followed in the documents provided. This project is a prevailing wage project, please see the attached link on the invitation to Quote shown on the email delivering this request to contractors.

The performance time specified for this project including all tree planting work is from tree arrival during the last week of March and must be completed before May 1, 2025.

Having received clarifications on all items of conflict or upon which doubt arose, the undersigned proposes to furnish all labor, materials, and equipment called for by the said documents for the entire work, in accordance with the Contract Documents, for the stipulated sum shown in the Quote Schedule. **Insurance certifications will be required of the approved Contractor prior to award of the contract.**

The undersigned agrees to indemnify and hold harmless the Earth Conservancy, Luzerne Conservation District, PA DEP and all of their representatives against any and all claims for damages to persons asserted by any person, partnership, corporation, or other organization, arising out of services performed or undertakes by said contractor, it’s agents, employees, or subcontractors, except for claims for damages directly caused by the sole fault or negligence of the parties hereto, their officers, or employees.

Submit Quote to:

*Joshua Longmore
Luzerne Conservation District
325 Smiths Pond Road
Shavertown, PA 18708*

Quoter’s Name _____

Address _____

Phone number _____ Fax: _____

Email _____

Federal EIN # _____

QUOTE TOTAL _____

Signature

Date

Quote Opening Date/Time: **March 19, 2025 at 3:00 PM deadline for submittal**

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Location: Riparian areas along Espy Run off Dziak Drive in Hanover Township, Luzerne County, PA 18706 (See Attached Map)

A mandatory showing of the planting sites will occur at Dziak Drive, Hanover Township
Coordinates: 41.182896° -75.989641° at 1:00 PM on March 12, 2025.

Site Address: Dziak Drive, Hanover Township, PA

Project:

Project consists of planting 500 trees with materials supplied as noted in the design.

Item	Description	Qty	Unit	Unit Price	Sub-Total Price
1	Planting of trees along both sides of Espy Run, excavation of planting site, transportation of trees to sites, transportation of compost and mulch, planting mixture, supply or haul water for initial watering, tree trunk protection provide oak stakes and reinstallation, and one call protection of utilities at all planting locations. (Trees, compost, water, mulch materials will be supplied;)	500	Tree		

TOTAL QUOTE FOR PROJECT= \$ _____

The undersigned agrees to meet all requirements stated in the quote instructions, drawings and specifications.

Contractors Name: _____

Signature

Date

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**Planting Specification 500 large caliper container trees on sites along Espy Run in
Hanover Township, Luzerne County, PA**

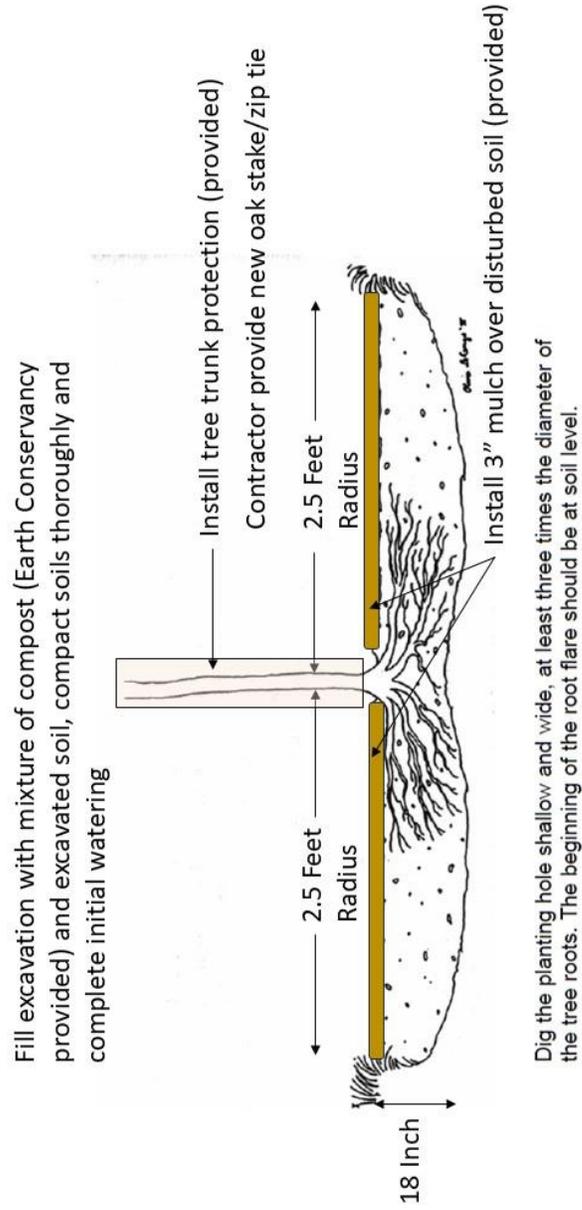
- Trees are provided and will be ~1 inch caliper trees with bare root systems.
- Trees will be stored at the Earth Conservancy, 101 South Main Street Ashley Borough, PA 18706 (herein 'EC') until the awarded contractor is established and contract begins.
- Trees are bare root requiring the contractor to maintain moist roots, out of the sun and cool storage to minimize bud opening until planting occurs on site.
- Trees **Must** be planted between April 1st to May 1st, 2025. No excuses will be accepted due to the bare root trees needing to be planted before breaking bud.
- All tree locations will be marked by EC and Luzerne Conservation District (LCD) staff with survey flagging and species locations identified. The attached map is only for identifying the general locations of the project. Planting will replace all dead trees throughout the site along both sides of the stream. The attached aerial map is for location reference only, all dead trees downstream of Area B shall be replaced until tree numbers are completed or project is completed.
- Contractor is required to protect the existing live planted trees and volunteer trees on the site. Destroying or damaging existing tree growth on the reclamation site will not be acceptable.
- **All utilities must be located via the One Call System. This is mandatory for all tree plantings and is the responsibility of the contractor to secure utility mark out. Utility mark out and protection of utilities during planting is the responsibility of the contractor.** Conflicts between utilities and planting location(s) will be addressed by the LCD or EC Inspector if conflicts arise.
- Planting Project Inspectors from the LCD and EC will be on site to advise contractors and ensure that trees are planted properly and in proper location related to species selection.
- Planting holes shall be dug to match the tree's root system depths, allowing the roots to spread out laterally and planted at a proper depth so that trunk flare is visible once planting is completed. If trunk flare is not visible after planting and at time of inspection, the tree must be replanted at the proper depth to complete the project and receive payment.
- **Planting hole dimensions are 2.5 feet radius by 18 inches deep, variations must be approved by the inspector. (See attached Planting Detail)**
- Planting holes can be dug with an excavator or auger and trees planted with hand tools (shovels).

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- Backfill soils should be a combination of excavated soils on site that are amended with 50% EC compost that will be provided to the contractor from the EC, Kirmar Avenue in Glen Lion, PA. Contractor will be responsible for hauling compost and mulch from the EC Compost facility to the planting site. (approximately 4 miles) Approximately two wheelbarrows of compost should be mixed into the backfill soils for each planted tree. Excess soil removed during the tree planting will be disposed of on site.
- When planting, soil shall be tamped and compressed to avoid trees from heaving and blowing over. Soils packed by workers' feet typically works to tamp soils.
- Following a proper planting with trunk flare visible, all newly planted trees shall be watered and mulched across the disturbed surface properly. Each tree should receive 10 gallons of water to settle soil, remove air pockets and rehydrate the root systems.
- Mulch should be applied out from the tree trunk on a 2.5-foot radius, with all sod and grass removed. Mulch should be applied to a depth of 2-4 inches per tree. Mulch should not be piled on the trunks of the trees.
- Mulch and compost will be supplied at the EC composting facility that will load the materials for the contractor. The contractor is responsible for hauling materials to the planting site.
- Contractors can fill up a water tank at the EC compost facility, EC office or an alternative location being established close to the project site.
- All debris created during planting will be the responsibility of the contractor to dispose of or be recycled.
- **Trees do not need to be staked when planted, but protective plastic cages will be reused to protect the trunks of the trees from bark injury (buck rubs, etc.). The contractor shall provide new oak stakes and zip wire ties to install the protective cages once the trees are planted.**
- **All planting must start on or before April 1st and must be completed by May 1st due to the nature of the bare root trees. Survival of the trees is critical and trees should be planted before they break bud. Trees are expected to be shipped the last week of March 2025.**

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Typical Tree Planting
Earth Conservancy – Espy Run Riparian Planting

Earth Conservancy Espy Run Riparian Tree Planting Project
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EARTH CONSERVANCY LANDS

ESPY RUN RIPARIAN BUFFER

Earth Conservancy
Date Saved: 9/25/2024 12:06 PM