



FULLY EXECUTED

Contract Number: 4400026200

Original Contract Effective Date: 04/28/2022

Valid From: 05/02/2022 To: 01/27/2027

All using Agencies of the Commonwealth, Participating Political Subdivision, Authorities, Private Colleges and Universities

Purchasing Agent

Name: Warnick Kelly

Phone: 717-214-3434

Fax: 717-214-9505

Your SAP Vendor Number with us: 416573

Supplier Name/Address:

ECOLOGICAL FIELD SERVICES LLC

13021 FLATTS RD

WATERFORD PA 16441-2809 US

Please Deliver To:

To be determined at the time of the Purchase Order unless specified below.

Supplier Phone Number: 814-746-2130

Supplier Fax Number: 814-796-2642

Contract Name:

ITQ Natural Resource Inventory & Eco Res

Payment Terms

NET 30

Solicitation No.:

Issuance Date:

Supplier Bid or Proposal No. (if applicable):

Solicitation Submission Date:

This contract is comprised of: The above referenced Solicitation, the Supplier's Bid or Proposal, and any documents attached to this Contract or incorporated by reference.

Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
1	Inventory Services-ITQ-406	0.000		0.00	1	0.00

Information:

Supplier's Signature _____

Title _____

Printed Name _____

Date _____



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Item Text						
77101604-ITQ-406 Inventory Services						
<p>Inventory services shall include scheduling, coordination, and managing all aspects of work produced in close conjunction with natural resource managers. Contractors qualifying under this category shall be responsible for the coordination and completion of awarded projects entailing:</p> <ul style="list-style-type: none"> • Inventory aquatic and terrestrial plant communities and conduct ecological community survey and classification, plant community typing following scientific protocols (Pennsylvania Natural Heritage Program classification system, PA Bureau of Forestry Typing Manual, etc.). Developing guidelines or protocols for site and project specific inventories and completing inventories using the same. • Collect forest and plant community data at a stand level including forest inventory of species, size, class, stocking density, basal area, regeneration, age distribution, canopy strata classifications, and spatial distribution. Collection may also include plot sampling, transects or radius, regeneration surveys, operational inventories, documentation of features pertinent to resource management considerations such as vernal pools, wetlands, and dens or roost trees, and any other necessary field surveys. • Sample landscapes and ecosystems using stratified sampling methods and record metrics such as area of forest community type, overstory basal areas, density and diameter distribution across species, density of seedlings and saplings across tree species, and cover of invasive plants across species. Inventory efforts may entail a permanent plot network for monitoring. • Inventory, analyze, and present data compatible with commercially available digital forest planning and operational tools e.g., Silva • Complete landscape level post disturbance monitoring, extent or abundance surveys and monitoring, and presence / absence surveys at the ecosystem level, using photographic, plot or other data methods. <p>The selected contractor will be expected to develop budgets and cost estimates and provide reports, deliverables, and other graphic materials associated with inventory, assessments, analysis and implementation of management and restoration prescriptions, including but not limited to data shapefiles and maps, budgets and cost estimates, acquiring photographs, developing conceptual renderings, design sketches, graphical depictions, typicals, and prototypes, implementation specifications, plans of study, meeting minutes, preparation of permit application documents, mitigation, operation, and/or maintenance plans and reports, and training materials and presentations.</p>						

3	Implementation & Eco Rest. Serv. ITQ-408	0.000		0.00	1	0.00

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Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
Item Text	70161703-ITQ-408 Implementation and Ecological Restoration Services					
	<p>Implementation of ecological restoration services shall include scheduling, coordination, and managing all aspects of work produced in close conjunction with natural resource managers. Contractors qualifying under this category shall be responsible for the coordination and completion of awarded projects entailing:</p>					
	<p>Pesticide Application</p> <ul style="list-style-type: none"> • Pesticide suppression of invasive species or competing native vegetation through a variety of techniques including, but not limited to preemergence, high volume foliar, low volume foliar, or ultra low volume foliar, hack and squirt, cut stump, and / or basal bark treatments. • Pesticide suppression of forest pests to include but not limited to stem injection, soil injection, and horticultural oils applications. <p>Planting and Seeding</p> <ul style="list-style-type: none"> • Pre-planting site or seeding preparations including mechanical (physical clearing such as scarification or tilling) or pesticide applications. • Procurement and installation of plant stock including live stake, brush mattress or wattle, bare root or containerized seedlings, or bare root, containerized, or balled and burlaped landscape stock. • Instillation of protection for planting stock including mulch, staking, tree tubes, cages, fencing, or tip protection. • Seeding with a no-till drill or a combination of operations that scarifies the surface to expose mineral soil and uniformly distributes the seed, such as frost seeding, drop or rotary spreader, broadcast seeder or cultipacker. • Tillage or discing, with plows, discs, or harrows such as necessary to prepare a seedbed, thin dense stands of herbaceous vegetation, or prepare a fire break for prescribed fire. <p>Implementation of Forest Stand Improvements</p> <ul style="list-style-type: none"> • Reconnoiter and layout of forest and timber stand improvement projects and harvests, including project boundary marking and marking of trees for removal or reserve. • Intermediate cuts and reproduction cuts in even and non-even aged stands. Potentially including obtaining the highest end use of the forest product. • Targeted felling of pole to mature sized individual trees as necessary for removal of competing vegetation or as a component of stand improvement. Potentially including obtaining the highest end use of the forest product. • Mastication of competing understory vegetation or vegetation removal for maintenance of early seral communities with a FECON style rotary drum forestry mower. 					
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	application documents, mitigation, operation, and/or maintenance plans and reports, and training materials and presentations.					
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4	Riparian Buffer Services ITQ-409	0.000		0.00	1	0.00

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Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
Item Text	70160000-ITQ-409 Implementation and Ecological Restoration Services					
	<p>Implementation of ecological restoration services shall include scheduling, coordination, and managing all aspects of work produced in close conjunction with natural resource managers. Contractors qualifying under this category shall be responsible for the coordination and completion of awarded projects entailing:</p>					
	<p>Pesticide Application</p> <ul style="list-style-type: none"> • Pesticide suppression of invasive species or competing native vegetation through a variety of techniques including, but not limited to preemergence, high volume foliar, low volume foliar, or ultra low volume foliar, hack and squirt, cut stump, and / or basal bark treatments. • Pesticide suppression of forest pests to include but not limited to stem injection, soil injection, and horticultural oils applications. 					
	<p>Planting and Seeding</p> <ul style="list-style-type: none"> • Pre-planting site or seeding preparations including mechanical (physical clearing such as scarification or tilling) or pesticide applications. • Procurement and installation of plant stock including live stake, brush mattress or wattle, bare root or containerized seedlings, or bare root, containerized, or balled and burlaped landscape stock. • Instillation of protection for planting stock including mulch, staking, tree tubes, cages, fencing, or tip protection. • Seeding with a no-till drill or a combination of operations that scarifies the surface to expose mineral soil and uniformly distributes the seed, such as frost seeding, drop or rotary spreader, broadcast seeder or cultipacker. • Tillage or discing, with plows, discs, or harrows such as necessary to prepare a seedbed, thin dense stands of herbaceous vegetation, or prepare a fire break for prescribed fire. 					
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application documents, mitigation, operation, and/or maintenance plans and reports, and training materials and presentations.

General Requirements for all Items:

Header Text

The Department of General Services is issuing this contract to procure Sterilization and Disinfecting Services for the Commonwealth of PA. The term of the contract is five years. See attached Statement of Work for contract requirements and specifications.

Questions should be forwarded to Kelly Warnick kwarnick@pa.gov 717.214.3434

No further information for this Contract

Information: