

STATEMENT of WORK

DELIVER AND PAVER-PLACE AGGREGATE BOF-FD16 PCRT Resurface, Phase 2 FOREST DISTRICT 16 TIOGA COUNTY

I. SCOPE OF WORK:

The Commonwealth of Pennsylvania, Department of Conservation and Natural Resources, **Tioga State Forest, Forest District 16**, requires services to deliver, and paver-place approximately **5,000 tons** of TSA (trail surface aggregate), to **Pine Creek Rail Trail starting roughly 3 miles south of Tiadaghton Campground and heading north approximately 4.5 miles towards Darling Run Access, Shippen Township Tioga County. Project Map is included. Trucks can enter at either Darling Run Access or Marsh Creek Access but must exit trail at Marsh Creek Access.**

Questions regarding the technical aspects of this bid should be directed to **Greg Kisko** at **570-724-8127**, or **Karl Maul** at **(717) 787-3018**. Questions regarding the bidding or contractual aspects of this bid should be directed to **Jody Russell** at **(717) 783-2566** or by email at jorussell@pa.gov.

II. CONTRACT TASKS:

The following tasks shall be completed in performance of the contract:

Project is to be completed in favorable conditions, as determined by **Greg Kisko, Assistant District Forester, between July 1 and August 31, 2021.**

Delivery

- A properly executed TSA Certification Form (**attached**) is to be provided at the time of initial delivery and subsequent certification forms should quarry conditions change. This Certification Form is to apply to the specific stockpile of TSA material being delivered from the Vendor's source. The form certifies that the TSA material meets all of the specifications and requirements referenced below.
- Vendor shall begin delivery upon five days advance verbal notification.
- Forest district staff shall perform quality assurance / quality control visits to the quarry to inspect the TSA for the project. The Vendor shall provide transportation or escort the staff to the TSA load site over the duration of the project.
- Delivery shall be at a rate of **100 and 150 tons per hour, approximately 500 to 1100 tons per 10-hour day.**
- No material is to be delivered before **7:00** a.m. or after **5:00** p.m.
- All trucks must be driven by individuals capable of placing material in a paver.
- Delivery shall continue on an uninterrupted basis.

Material

- ❑ All material must be certified to not degrade the environment nor create health hazards.
- ❑ Aggregate must originate from a PennDOT qualified quarry source.
- ❑ Wearing course material must be structurally durable so that weathering and traffic loads do not result in creation of dust, sediment or pollution.
- ❑ All trail surface aggregate is to be derived from natural stone formations.
- ❑ Stone is defined as rock that has been crushed; rock is defined as consolidated mineral matter.
- ❑ For use in this program, both are restricted to that which has been mined or quarried from existed geologic bedrock formations.
- ❑ All components of the aggregate mix are to be derived by crushing parent rock material.

Vendors **must provide a properly executed TSA Certification Form (attached)** at the time their bid is submitted committing that they can provide TSA material that meets the following criteria.

The required amounts and allowed ranges, determined by weight, for various size particles are:

<u>Passing Sieve</u>	<u>Lower %</u>	<u>High %</u>
1/2 inch	100%	---
3/8 inch	96%	100%
#4	75%	90%
#8	55%	75%
#16	35%	50%
#200	12%	20%

- ❑ The fines passing the #200 sieve must be rock material. No clay or silt soil may be added. Limestone material passing the #200 sieve may be used to make up a deficit in the distribution of sandstone aggregate rock, and vice versa. All added material passing the #200 sieve must be derived from rock material that conforms to program specifications. Lime kiln dust and cement kiln dust may be added to TSA to account for up to 50% of the fines passing the #200 sieve. The amount of particles passing the #200 sieve shall be determined using the washing procedures specified in PTM No. 100.
- ❑ LA Abrasion Less than 40% passing. Los Angeles Abrasion test, AASHTO T-96 (ASTM C 131) shall be used to determine this property.
- ❑ The Plasticity Index (PI) of the TSA shall be a maximum of 4. The laboratory test required for these results is the ASTM D4318 – Standard Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.
- ❑ Aggregate must be within the range of pH 6- pH 12.45 as measured by EPA 9045C.

- ❑ Material is to be delivered and placed at optimum moisture content (+/- 1%) as determined for that particular source. The optimum percentage moisture is to be determined using Proctor Test ASTM D698, procedure C, Standard.
- ❑ Tarps are to be used to cover 100% of the load's exposed surface from the time of loading until immediately before dumping, including standing time waiting to dump.

Placement and Rolling

- ❑ TSA is to be placed using a **track mounted paver** capable of spreading stone to a width of 8 to 16 feet in a single pass and creating a 1/2-inch per foot (4%) crown in the surface. Material shall be placed in a single **4-inch** loose lift.
- ❑ After placement, the **material is to be compacted by the Vendor**, to an average finished depth of 3". Compaction must be completed with a minimum 6-ton static, 12 ton vibratory, double-steel drum roller. The roller must be equipped with a fully operational water tank and spray nozzles, as well as a properly adjusted drum scraper bar. At all bridge approaches, a 3" paving notch is required for a 4" loose lift of TSA. The transitions to and from the notches will be a minimum of 4 feet in length. At the beginning of each day's placement, the previous days placement will be rerolled in Static Mode.
- ❑ A minimum of 4 employees of Vendor must be present during placement.
- ❑ The surface of the trail is to average **11 feet** in width and to be crowned to DCNR's specifications.

Use of Roads

- ❑ The Department of Conservation and Natural Resources does not guarantee the successful vendor the use of roads maintained by the Pennsylvania Department of Transportation (PennDOT), townships, or other agencies or owners. Vendor must contact the PennDOT posted highway coordinator and officials of other said roads for possible weight or other restrictions that would prevent or restrict use. Vendor will be responsible for obtaining all necessary Road Use Permits and/or any associated Bonds from the PennDOT, townships, or other agencies or owners.

III. INSURANCE:

The Contractor is required to have in place during the term of the Contract and any renewals or extensions thereof, the following types of insurance, issued by companies acceptable to the Commonwealth and authorized to conduct such business under the laws of the Commonwealth of Pennsylvania:

A. Worker's Compensation Insurance for all of the Contractor's employees and those of any subcontractor, engaged in work at the site of the project as required by law.

B. Public Liability and Property Damage Insurance to protect the Commonwealth, the Contractor, and any and all subcontractors from claims for damages for personal injury (including bodily injury), sickness or disease, accidental death and damage to property including the loss of use resulting from

any property damage, which may arise from the activities performed under the Contract or the failure to perform under the Contract, whether such performance or non-performance be by the Contractor, by any subcontractor, or by anyone directly or indirectly employed by either. The minimum amounts of coverage shall be \$250,000 per person and \$1,000,000 per occurrence for bodily injury, including death, and \$250,000 per person and \$1,000,000 per occurrence for property damage. Such policies shall be occurrence rather than claims-made policies and shall not contain any endorsements or any other form designated to limit and restrict any action by the Commonwealth, as an additional insured, against the insurance coverage in regard to work performed for the Commonwealth.

Prior to commencement of the work under the Contract and at each insurance renewal date during the term of the Contract, the Contractor shall provide the Commonwealth with current certificates of insurance. These certificates or policies shall name the Commonwealth as an additional insured and shall contain a provision that the coverage's afforded under the policies will not be cancelled or changed until at least thirty (30) days written notice has been given to the Commonwealth.

The Commonwealth shall be under no obligation to obtain such certificates from the Contractor(s). Failure by the Commonwealth to obtain the certificates shall not be deemed a waiver of the Contractor's obligation to obtain and furnish certificates. The Commonwealth shall have the right to inspect the original insurance policies.

A copy of the insurance certificates can be emailed to the Procurement Contact: jorussell@pa.gov

IV. CONTRACT TERM:

Contract shall commence upon receipt of Purchase Order and terminate **August 31,2021**.

V. BID AWARD:

- Bidder shall complete and return the following for award of bid:**
- Bidder shall complete the electronic Invitation for Bid to be found at www.pasupplierportal.state.pa.us
- A properly executed and signed TSA Certification Form (attached) stating the surface material TSA meets the required criteria, for award of the bid.**
- A properly executed Reciprocal Limitations Act Form that lists the state of manufacture for any supplies procured.**
- Bids will be awarded based on lowest total sum.
- Note: The Department will only accept out to two (2) decimal points when entering your bid.
- Quantities are estimated and may increase or decrease depending on the needs of the Department.
- Contractor shall be paid for actual quantities used.

VI. PAYMENT TERMS:

Payment shall be made upon satisfactory completion of project for actual services performed, which includes meeting the TSA aggregate specification.

VIII. RECEIPT AND OPENING OF BIDS:

- A. Bids must be submitted via the PA Supplier Portal, to be found at www.pasupplierportal.state.pa.us. Faxed bids and mailed bids **will not** be accepted.
- B. No responsibility will be attached to any employee of the Department for the premature opening of, or the failure to open, a bid not properly addressed and identified, or for any reason whatsoever.

IX. SERVICE SLIPS:

To ensure prompt payment, the Contractor must provide a service slip(s) to the District Office after the completion of the project.

X. INVOICES:

Invoice format shall be in accordance with the IFB – Invitation for Bid.

All invoices for this contract **MUST** either be:

- A. Emailed to the following for a Paperless Email Invoice Option:

Email a copy of the correctly executed invoice to: 69180@pa.gov.

For information on the Commonwealth’s E-Invoicing Program, visit:

<http://www.budget.pa.gov/Programs/Pages/E-Invoicing.aspx>

- B. Or mailed to the following address:

Commonwealth of PA – PO Invoice
PO Box 69180
Harrisburg PA 17106

All invoices must include the purchase order number. The company name and address listed on the purchase order also must be listed on each invoice. Failure to provide this information may result in a delay of payment.

Please Note: Vendors are reminded to **NOT** include employer identification numbers, Social Security Numbers, bank account information, or other personally identifiable information on their invoices. That information is uniquely tied to your SAP Vendor Number and, for security purposes, should not be explicitly stated on an invoice.

XI. BID RESULTS:

Bidder can obtain bid results by accessing www.emarketplace.state.pa.us. The bids will be posted as soon as practicable. The results are the apparent bidders and all bids are under review until final award of the purchase order.

Attachments:

Pine Creek Rail Trail Map
TSA Certification Form
Reciprocal Limitations Act Form
Small Business Initiative Letter