

GENERAL SPECIFICATIONS: SGL 103 Governors Road Firebreak II
Project # 103-19-01-NC

I. SCOPE OF WORK:

The Pennsylvania Game Commission, Northcentral Region, requires construction of new firebreak and cutting of trees on State Game Lands 103 in Centre County. Services shall include, but not be limited to, the furnishing of all labor, superintendence, tools and equipment for the below outlined road construction and road repairs, as per the attached specifications.

Any questions concerning the technical aspects of this bid should be directed to the Regional Forester at 570-398-4744 Ext. 30310, (address listed below).

Gary Glick
Regional Forester
PGC Northcentral Region
P.O. Box 5038
Jersey Shore, PA 17740-5038
570-398-4744X30310
Fax 570-398-1632

Any questions concerning the site characteristics and location of this bid should be directed to the Assistant Regional Forester or Field Forester:

Dan Heggenstaller
Assistant Regional Forester
PGC Northcentral Region
P.O. Box 5038
Jersey Shore, PA 17740-5038
Cell: 570-660-9411

Aaron Tyson
Field Forester
PGC Northcentral Region
P.O. Box 5038
Jersey Shore, PA 17740-5038
Cell: 570-317-6185

II. CONTRACT TASKS:

A. Project Location: Lat/Long

40.9938
-77.9058

Project Summary

- Construct 8,500 feet of new firebreak and remove dead trees on 35 acres, as designated by the Regional Forester.

B. Cutting Dead Trees

- a) The centerline of the new permanent firebreak is marked with orange paint. All trees marked with orange are to be cut.
- b) The outside cutting boundary is marked with blue paint. No trees marked with blue are to be cut.

- c) A triple blue stripe represents a sharp turn in the outside block boundary.
- d) All dead trees/snags down to 4" DBH are to be cut in the following harvest areas:
 - a. From orange centerline, outside the burn unit to the blue boundary.
 - b. From the orange centerline, inside the burn unit for a distance of 120'. The inside harvest boundary is not marked with blue paint due to poor visibility and lack of trees.
 - c. From the Governors Road, inside the burn unit for a distance of 150'. This harvest boundary is not marked with blue paint.
- e) All stumps, tops, and cull portions of trees must be kept a minimum 50' from the orange centerline on the inside of the firebreak, a minimum of 25' on the outside of the firebreak, and a minimum 50' from Governors Road.
- f) Due to the long length of the skids that would be necessary to stay within the boundary of the harvest blocks, a limited number of designated skid trails will be permitted outside of the block to shorten skidding distances. At the conclusion of use, designated skid trails are to be cleared of rocks and debris, leveled, have water bars added, and be seeded according to specifications outlined in Section D. All skid trails outside of block boundaries will require pre-approval by the Regional Forester.
- g) Skidding on or across Governors Road is not permitted.
- h) Game Land boundary, roads, pipeline and power line right-of-ways, herbaceous openings, and spring runs are to be kept free of tops.
- i) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.
- j) All landings are to be approved by the Regional Forester. There is 1 existing landing that may be used to land and is designated on the sale map.
- k) Logging debris is to be kept to a minimum. All logs and pulpwood are to be marked to length in the woods to eliminate short ends at the landings.
- l) Following use of the landing, logging debris must be separated from the burn unit with a dozer line.
- m) At the conclusion of the sale, all landings are to be leveled, cleared of debris, and be seeded according to specifications outlined in Section D below.

- n) Through traffic is to not to be blocked while landing along Governors Road.

Summary Total

- Cut snags on 35 acres.
- Remove cut snags from the site or place them a minimum 50' from the orange centerline on the inside of the firebreak and also from Governors Road and a minimum of 25' on the outside of the firebreak.

C. New Firebreak Construction

- a) There is a total of 8,500' of firebreak to construct. A dozer will be used to push out stumps, remove rocks, woody debris, and leaf litter, and add water bars. All debris that is removed from the running surface of the firebreak must be pushed to side that is away from the burn unit. The dozer is then to grade the surface to create, at minimum a 12' wide, level, stump free running surface on the entire 8,500' of firebreak. All firebreaks need to be able to prevent fire from crossing and smooth enough to traverse with a UTV.
- b) A minimum of 5 turnarounds must be installed along the new section of firebreak and are to be spaced approximately every 1,000'. Each turnaround must be at least 15' X15' in size.
- c) All firebreaks and turnarounds are to be seeded according to specifications outlined in Section D below.

Summary Total

- Construct 8,500 ft. of new firebreak

D. Site Stabilization

At the conclusion of the sale approximately 4 acres are to be seeded according to the following per acre rates: This acreage estimate was based on seeding main skid trails .5 acre, landings .5 acre, and firebreaks 3 acres.

Seeding Mixture:

Exact seed mixture and specifications will be required. No substitutions of other seed mixtures will be allowed.

Seed: lbs./acre	Total
5 lbs. crimson clover	20 lbs.
5 lbs. ladino or white clover	20 lbs.
100 lbs. oats or wheat (seasonal)	400 lbs.

Seeding must be completed by the conclusion of project.

III. SITE INSPECTION AND ASSISTANCE:

The PGC will conduct an optional one-time-only tour of the work site for prospective bidders. We will meet at 10:00 AM on February 12, 2020 at the parking lot just off the Snow Shoe Exit on the westbound side of I-80. The GPS coordinates for the meeting location are **41.0263 -77.9357**.

IV. CONTRACT REQUIREMENTS:

- A. All work must be completed by the termination date: **May 1st, 2020**.
- B. All specified work will require approval by the Regional Forester.
- C. No contract extensions will be approved.
- D. The contractor agrees to comply with all attachments.
- E. Damage to existing infrastructure (roads, trails, food plots) will be repaired by the contractor
- F. Burning is not permitted at the site.
- G. The winning bidder will coordinate repairs by making a PA 1 call. The contractor must provide at least 72 hours of advance notice prior to the commencing of work on the project. Failure to provide adequate lead time will delay the start of the project.
- H. The contractor will remove all trash and garbage generated from the completion of this contract. This is to include all materials related to the installation of the required culverts, as well as items generated through personal use by the contractor's employees.
- I. Access gates to the area will remain closed at all times.
- J. Clean all equipment and vehicles thoroughly (especially the undercarriage and wheels) before they are brought on site, this will remove invasive plant seeds from the equipment and undercarriages of the vehicles that may have been picked up at other sites.
- K. The contractor will notify the PGC forestry representative three days prior to beginning the project. The contractor may work at times other than the schedule of the PGC forestry representative. Inspection of the project will occur during normal working hours.

- L. No in woods operations will be permitted on the following days for the period of this contract:
 - The opening day and all Saturdays during spring turkey season, including the youth spring gobbler hunt.
 - All Sundays that are open to hunting.
- M. Final inspection of the project will be conducted by the Regional Forester. The contractor may be present at the final inspection. Upon successful completion of the required work, payment will be released to the contractor.
- N. As a further guarantee of faithful performance of the conditions set forth in this Contract, the Successful bidder hereby agrees to furnish the Commission with Cashiers or Treasurers Check, Letter of Credit, or Insurance Bond payable to the Pennsylvania Game Commission, in the amount of **\$1,000.00**.
- O. Failure to comply with any of the terms or conditions of the Contract may result in cancellation of the agreement and claim may be made against the surety or the security for all or part of the damages sustained by such noncompliance.
- P. Any extension of time under the Contract, or forbearance of cancellation and claim against the surety will not result in a release of the surety or the Principal from their obligations under the Contract and the surety.
- Q. The contract provisions apply to work performed on the contract by the contractor and to work performed on the contract by subcontractors.
- R. The contractor shall insert in each of his subcontracts the stipulations contained in these required provisions and other stipulations as may be required.

V. INSURANCE REQUIREMENTS:

- A. The contractor will provide Workmen's Compensation insurance sufficient to cover all of the employees of contractor working to fulfill this contract.
- B. Comprehensive General Liability Insurance, including bodily injury and property damage insurance, to protect the Commonwealth and the contractor from claims arising out of the performance of the contract. The amount of Bodily Injury Insurance shall not be less than \$300,000.00 for injury to or death of persons per occurrence. The amount of Property Damage Insurance shall not be less than \$300,000.00 per occurrence.
- C. Such policies shall name the Commonwealth as an additional insured. Prior to the commencement of work under this contract, the contractor must provide the Commonwealth with current Certificates of Insurance. These Certificates shall contain a provision that coverage afforded under the policy shall not be canceled or changed until at least thirty (30) days prior written notice has been given to the Commonwealth.

D. HOLD HARMLESS:

The contractor shall be responsible for and agrees to indemnify and hold harmless the Commonwealth from and against damages to property or injuries (including death) to any persons and other losses, damages, expenses, claims, demands, suits, and actions by any party against the Commonwealth in connection with the work performed by the contractor.

VI. DAMAGE TO COMMONWEALTH PROPERTY:

The Contractor shall be responsible for any damage to Commonwealth property resulting from the improper use of equipment for this project. The Contractor will be given one (1) written warning that damage is becoming excessive and if the action continues damages will be assessed.

A. **TIMBER DAMAGES** – When, in the opinion of the Regional Forester, damage to the residual stand becomes excessive the Contractor shall pay the Commission a fair base current value determined by the Regional Forester per unit of volume. If this value for damage due to Contractor's carelessness or negligence is less than \$10.00 per tree then a minimum charge of \$10.00 per tree will be made whether the tree is commercial, non-commercial, merchantable or non-merchantable.

B. **COMMISSION FACILITIES** - Contractor shall immediately repair, in a manner that meets with the approval of the Regional Forester, any damage to Game Land roads and other facilities, including access roads, resulting from their use for this operation, general wear and tear excepted. Regional Forester may notify the Contractor in writing to temporarily discontinue use of any of the above whenever, in their opinion, such action is necessary to prevent serious damage.

VII. Bid AWARD:

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. The bid shall be awarded on a price per foot basis. Bids are due by February 27, 2020 at 2:00 PM. The bid price shall include all labor, equipment, tools, insurance, materials disposal and all items necessary for the completion of the project. Prices bid shall be in dollar and cents only.

This bid should include the unit price per foot of firebreak. The bid will be awarded on a lump sum total of the entire project. The work may begin on or after March 1, 2020 and the work must be completed by May 1st, 2020. No extension of time will be awarded.

The Commission reserves the right to reject any and all bids and to choose the bid that, in its sole opinion; best meet the needs of this project.

The unit price per foot shall include all labor, equipment, tools, insurance and all items necessary for the completion of the project.

VIII. PAYMENT TERMS:

Payment will be based on the number of feet of the project completed to the specifications and the bid price. Once the work has been approved the operator will be paid.