

**REQUEST FOR PROPOSALS  
NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES  
WATER DIVISION, DAM BUREAU**

**March 3, 2016**

**ON-DEMAND HYDROSEEDING SERVICES  
AT STATE-OWNED DAMS IN NEW HAMPSHIRE**

**1. INTRODUCTION**

The Department of Environmental Services, Water Division, Dam Bureau (DES) is soliciting proposals from qualified contractors for an on-demand contract to provide hydroseeding services at state-owned dam sites throughout New Hampshire.

**2. SITE AND PROJECT DESCRIPTIONS**

DES operates and maintains over 270 state-owned dams in New Hampshire. DES completes work on these dams which includes major reconstruction, minor maintenance, and response to dam safety inspections. Virtually all reconstruction projects include embankment work that results in a need for re-establishing vegetation. In addition, at many locations parts of the dam are subject to erosion, recreational vehicle traffic, and other conditions that result in a need to re-establish vegetation. Seeding by hand and subsequent maintenance is resource intensive and the long term success rate of establishing vegetative cover varies with weather conditions and the effectiveness of a periodic watering schedule. Qualified hydroseeders can provide this service more cost-effectively.

DES has successfully employed hydroseeding techniques at a number of sites in the past and has determined that it will be able to more effectively respond to the need for (re)establishing vegetation at a number of sites. State-owned dams are located all over the state. Most individual hydroseed projects associated with dams are less than 10,000 square feet, although occasionally there is a need for larger coverages.

**3. SCOPE OF SERVICES**

The Contractor shall perform the following services under this contract:

1. Respond within three (3) business days of a request from DES to provide hydroseeding services at state-owned dam sites, or as agreed upon for individual projects with DES.
2. Meet with DES project manager(s) on-site as necessary to agree on coverage for payment.
3. Provide certification of the amount of seed, lime and Chemstar StarTak 600 tackifier to be used per 100 gallons of water and the associated minimum coverage for that mix.
4. Provide hydroseed coverage as requested and approved by DES using the one of the two prescribed seed, lime and Chemstar StarTak 600 tackifier mix designs as specified in Section 4 of this RFP and application specifications as per NH DOT Specification 644.3.5.2.<sup>1</sup>
5. Provide reasonable assurance of vegetative growth expectations.

The services shall be completed under the supervision of a DES Representative. The Contractor shall cooperate with the DES Representative at all times. Work cannot be initiated until a contract has been approved by the Governor and Executive Council. The Contractor must be able to provide on-demand hydroseeding services within three (3) business days of a request by DES. Responders to this Request For Proposals shall provide a list of materials and equipment that will be used for these services, examples of hydroseed projects done in the last three years, and references. Any questions regarding the scope of services described herein shall be directed to Timothy Carney, PE at (603) 271-8871 or Timothy.Carney@des.nh.gov.

---

<sup>1</sup> see [http://www.nh.gov/dot/org/projectdevelopment/highwaydesign/specifications/documents/2010\\_Division\\_600.pdf](http://www.nh.gov/dot/org/projectdevelopment/highwaydesign/specifications/documents/2010_Division_600.pdf).

#### 4. SEED, LIME AND TACKIFIER MIX SPECIFICATIONS

For all applications, lime shall be applied at a minimum rate of one (1) ton per acre, and Chemstar StarTak 600 tackifier shall be applied at a minimum rate of 1.5 pounds per 1,000 square feet of area.

##### Conservation Mix

When DES requests a Conservation Mix, the application rate of the seed shall be a minimum 80 pounds per acre according to the following specification:

Seed Type	Percent (%)	Minimum Purity (%)	Minimum Germination (%)
Creeping Red Fescue	34.65	98	87
Perennial Rye	24.75	98	90
Annual Rye	14.85	98	92
Kentucky Bluegrass	9.90	98	87
Tall Fescue	9.90	98	90
Red Top	4.95	98	90

##### Slope Seed Type 44

When DES requests a Slope Seed Type 44, the application rate of the seed shall be a minimum 80 pounds per acre according to the following specification:

Seed Type	Percent (%)	Minimum Purity (%)	Minimum Germination (%)
Creeping Red Fescue	43.75	96	85
Perennial Rye	37.50	98	90
Red Top	6.25	95	80
Alsike Clover	6.25	97	90
Birdsfoot Trefoil	6.25	98	80

#### 5. PROPOSAL FORMAT

Proposals shall include:

- A listing of the materials and equipment to be used for hydroseeding
- Examples of hydroseed projects done in the last three years
- At least three client references
- Starting location(s) of equipment to be dispatched for hydroseeding projects
- Hydroseed application costs per square foot for Conservation Mix for coverages less than 8,000 square feet
- Hydroseed application costs per square foot for Conservation Mix for coverages greater than 8,000 square feet
- Hydroseed application costs per square foot for Slope Seed Type 44 for coverages less than 8,000 square feet
- Hydroseed application costs per square foot for Slope Seed Type 44 for coverages greater than 8,000 square feet
- Mileage costs per mile to be assessed from starting location to and from project site(s)

- Other charges and/or information per project as necessary to assess proposal

The successful bidder will be required to enter into the standard Agreement of the State of New Hampshire with attachments and perform the work in accordance with the Contractor's proposal and the General Provisions of the Agreement, as modified by mutual consent between DES and the Contractor. If the Contractor proposes to modify any General Provisions in the standard Agreement, the Contractor shall provide the proposed modifications with the proposal.

## **6. PROPOSAL SUBMITTAL**

Proposals shall be submitted electronically to Timothy Carney, PE at [Timothy.Carney@des.nh.gov](mailto:Timothy.Carney@des.nh.gov). Proposals must be received no later than 4:00 PM on March 25, 2016. DES reserves the right to reject proposals received after March 25, 2016.

## **7. PROPOSAL EVALUATION CRITERIA**

Upon receipt of the proposals, they will be evaluated by an internal DES committee with respect to completeness of the scope of services proposed, hydroseeding and mileage rates, other charges, capacity of equipment to provide specified application of water, seed, lime, and Chemstar StarTak 600 tackifier, and the Contractor's qualifications and experience. DES reserves the right to reject any and all proposals.

## **8. SELECTION**

Upon review of the proposals received, a Contractor will be selected within two weeks of the proposal submittal date and contacted regarding additional documentation which will be necessary to enter into a contract to be approved by the Governor and Executive Council. Such documentation will include, but may not be limited to, proof of insurance, Certificate of Insurance, Certificate of Authority, and a Certificate of Good Standing from the New Hampshire Department of State.