

ATTACHMENT 1

APPENDIX A

STATEMENT OF WORK

TO

“PROVIDE SNOW PLOWING AND SNOW REMOVAL SERVICE FOR THE NATIONAL WIND TECHNOLOGY CENTER (NWTC)”

JULY 17, 2012

I. Description of Work:

To assist the NREL maintenance team by providing 24 hour, 7 days a week, on call snow plowing and removal services. These services shall include: snow plowing, hand shoveling, deicing all roads, parking areas, and walkways, cleanup and snow removal when required. See attached drawings for locations. In addition a pre-approved deicer must be used at all NREL locations. The subcontractor shall provide all labor, all necessary tools, supplies and equipment, snow shovels, snow blowers, including heavy equipment and other items as necessary labor for snow plowing, deicing, and cleanup of snow removal at NREL.

Snow/Ice removal specifications:

The subcontractor shall be on site at the National Wind Technology Center (NWTC) within two (2) hours of being dispatched by NREL. In addition, both sites are to be done concurrently with one another. Subcontractor shall be dispatched to NREL when snow accumulation is approximately 1 inch or when icy conditions may exist and is hazardous to pedestrians. The subcontractor upon arriving on site shall remove snow and ice according the priority level as identified in (Attachment A).

- A. In the event that the storm continues throughout the working day, subcontractor shall maintain roadways, sidewalks, parking lots, and parking garages at the discretion of NREL.
- B. National Wind Technology Center (NWTC) – Subcontractor is required to show identification and sign-in with the NWTC Site Entrance Building.
- C. Highway vehicles shall not be driven on sidewalks to clear snow/ice. Sidewalks shall be cleared with UTV's, ATV's, snow blowers, snow shovels.

1. The preferred method to remove snow off of the long sidewalks is with the use of a UTV or ATV.
 2. The use of a rubber tipped blade is also required in many different areas at NREL.
- D. Front end loaders, bobcats, and dump trucks are required equipment that may be needed to remove deep snow from NREL. Subcontractor shall have the capability of dispatching this type of equipment to NREL to remove snow within 24 hours of such request made by NREL.
- E. Subcontractor may be directed to haul and dispose of snow at on-campus or off-campus sites as directed by NREL.
- F. The Subcontractor shall provide a list of all snow melt products and deicers that may be used at NREL. All products will be approved by NREL.
- G. Subcontractor shall be responsible for damage caused by plowing to curbs, signs, buildings, gates, fences, meters, fire hydrants, other NREL property, and privately owned property.
- H. Invoices shall include labor hours and equipment used for services and shall provide supporting documentation which includes the individuals name, number of hours, and type of work being performed.
- I. Use of snow blowers when the snow accumulation reaches 5-6 inches or more to remove snow from sidewalks, landings, and ramps.
- J. NREL recommends that at least 6 snow shovelers and 2 plow trucks, one of which should be equipped with a working sander are at the NWTC for snow removal during snow storms.
- K. The spreading of deicer of critical areas of the (NWTC) shall be done as packed snow and/or icy conditions warrant. The need for such deicing shall be at the discretion of NREL.
- L. Subcontractor shall designate an onsite supervisor or lead person to act as an interface between NREL and subcontractor.
- M. All snow shall be plowed from roadways/driveways, ramps and parking areas to the maximum extent possible. Snow shall be plowed in such a manner as not to block entrances to buildings, trailers, trash dumpsters, loading docks, fire hydrants or fire lanes.

II. Location:

A. Main address - National Wind Technology Center (NWTC), 18200 HWY 128, Golden CO 80403.

III. Point of Contact:

The point of contact for technical matters on this subcontract is Mike McGrady (303) 384-6850. The subcontractor is responsible to coordinate all questions, problems or operational technical matters of this subcontract with the above named POC.

IV. Environmental Health and Safety:

A. Subcontractor shall submit a safety plan to ensure that all employees have been properly trained in hazard recognition as it applies to the scope of work for this subcontract.

B. Subcontractor shall provide proper personal protection equipment.

1. Subcontractor shall be responsible for providing ANSI Class 2 Safety Vests for all of its workers on site.

C. Subcontractor shall attend a NREL Subcontractor Safety Orientation meeting with a NREL EHS and Work Control representative.

D. Snow is to be removed from areas prior to applying salt, or de-icers (recommended guideline from the Denver Regional Council of Governments).

E. All portable gasoline containers shall be FM approved safety cans.

F. Storage of portable gasoline containers on site shall be housed in an outdoor rated flammable storage cabinet; otherwise the subcontractor must remove the gasoline cans after each snow event.

F. Subcontractor shall maintain records of the amount of salt applied on roadways and parking areas each snow season.

G. Subcontractor shall adhere to NREL's traffic safety management policy.