

# ABSTRACT AND MANDATORY CRITERIA FOR A BUSINESS OPPORTUNITIES WEBSITE (BOW) POSTING

11/1/13

## **Abstract (summary of the scope of work):**

Sandia National Laboratories would benefit from a regular Senior Technical Advisor by a senior leader in the wind energy field to review and improve the department's performance and mission. Due to the departures of numerous senior staff members, the Wind Energy Department has an experience shortfall in the senior technical staff area. Hiring a well-known and well-respected technical advisor on a part time basis would help to fill the experience void.

## **Mandatory Criteria:**

1. At least 15 years of work experience in the wind industry.
2. Experience in research and development at a wind turbine manufacturing company.
3. Demonstrated experience in serving on industrial review panels and boards of directors.
4. Demonstrated experience in working with US and international national research laboratories.
5. At least 10 publications related to wind energy technology.
6. Experience reviewing technical papers.
7. Demonstrated experience developing technical roadmaps and business development.
8. Knowledge of the Vestas V-27 wind turbine.
9. Demonstrated experience in designing wind turbine rotor blades.
10. Demonstrated experience in the use of non-intrusive aerodynamic measurements.
11. PhD in engineering.