

**NORTHWEST ARCTIC BOROUGH  
RESOLUTION 13-09**

**A RESOLUTION OF THE NORTHWEST ARCTIC BOROUGH  
ASSEMBLY APPROVING THE PURCHASE OF AN ECOCYCLE 25/12  
WIND TURBINE, ACCESSORY PARTS, AND TRAINING IN AN  
AMOUNT UP TO \$170,000.00.**

**WHEREAS:** The Northwest Arctic Borough Assembly is the governing body for the Northwest Arctic Borough, an Alaska home rule, regional, municipal government that encompasses eleven communities within its boundaries; and

**WHEREAS:** The Northwest Arctic Borough received a grant from the State of Alaska, Alaska Energy Authority, Emerging Energy Technology Fund in the amount of \$293,300.00 and the Northwest Arctic Borough accepted those funds by Resolution Number 13-05; and

**WHEREAS:** The Borough has utilized state grant funds for energy projects in the past to provide better services and to reduce the cost of energy in the region; and

**WHEREAS:** The Northwest Arctic Borough, Kotzebue Electric Association, and NANA, in a joint effort, have proposed a project to further promote better power services and reduced local costs for energy; and

**WHEREAS:** The proposed project involves the purchase, installation, and testing of an Eocycle 25/12 wind turbine, the testing site will be at the Kotzebue Electric Association wind site just outside of Kotzebue; and

**WHEREAS:** The purpose of the test is to verify that the Eocycle wind turbine can function in an Arctic environment of denser cold air and snow-loads and that it is operational to 40 and 50 below zero, Fahrenheit; and

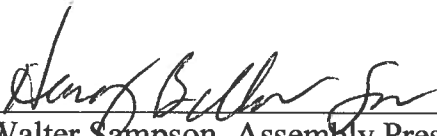
**WHEREAS:** If the tests are successful this type of wind turbine would provide many advantages over current systems, due to: smaller turbine size, which makes transportation and installation less costly, reduced maintenance and service requirements that can be performed locally, and the reduction or elimination of operator intervention when icing occurs; and

**WHEREAS:** The Borough desires to purchase the Eocycle 25/12 wind turbine, accessory parts and training from Eocycle Technologies with the grant funds and facilitate the wind turbine testing; and

**WHEREAS:** The NAB §6.16.210 requires the assembly approve any purchase over \$10,000.00 by resolution before the funds can be spent or reimbursed.

**NOW THEREFORE BE IT RESOLVED:** That the Northwest Arctic Borough approves the purchase of the Eocycle 25/12 wind turbine, accessory parts and training in an amount up to \$170,000.00 from Eocycle Technologies and authorizes the Mayor to execute any and all necessary documents required for the purchase and acquisition of the foregoing.

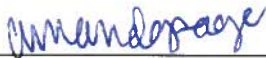
**PASSED AND ADOPTED THIS 26<sup>th</sup> DAY OF FEBRUARY 2013.**

  
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Walter Sampson, Assembly President

**PASSED AND APPROVED THIS 26<sup>th</sup> DAY OF FEBRUARY 2013.**

  
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Reggie Joule, Mayor

**SIGNED AND ATTESTED TO THIS 26<sup>th</sup> DAY OF FEBRUARY 2013.**

  
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Amanda Sage, Borough Clerk

