

**THE STATE OF NEW HAMPSHIRE
SITE EVALUATION COMMITTEE**

_____)
In the matter of the)
Application for Certification)
Pursuant to RSA 162-H of)
Antrim Wind Energy, LLC)
_____)

Docket No. 2015-02

**ASSENTED-TO MOTION OF COUNSEL FOR THE PUBLIC FOR LEAVE
TO RETAIN KELLIE CONNELLY AND FOR AN ORDER DIRECTING
ANTRIM WIND ENERGY LLC TO BEAR THE COSTS THEREOF**

NOW COMES Counsel for the Public, and hereby moves, pursuant to RSA 162-H:10, V, for leave to retain an expert consultant and for an order directing Antrim Wind Energy, LLC (“AWE” or “Applicant”), to bear the costs of the consultant contract and reimburse Counsel for the Public in an amount up to \$68,400. In support hereof, Counsel for the Public respectfully represents as follows:

1. On October 2, 2015, AWE filed its Application for certificate of site and facility pursuant to RSA c. 162-H.
2. On October 19, 2015 the Attorney General appointed the undersigned as Counsel for the Public pursuant to RSA 162-H:9.
3. Pursuant to RSA 162-H:10, V, Counsel for the Public may employ such consultants as are necessary to further his or her duties under ch. 162-H. Also pursuant to RSA 162-H:10, V, the cost of such consultants “shall be borne by the applicant in such amount as may be approved by the Committee.”

4. The Applicant first applied for a certificate of site and facility for a project in Antrim in January 2012 (“2012 Project”). The 2012 Project was designed to have 10 turbines each rising to a level of 492 feet above ground level. As proposed, each turbine would have been between 25% and 35% of the elevation of the ridgeline where it was proposed to be located. AWE’s 2012 Application was denied on May 2, 2013, by the Site Evaluation Committee (“Committee”), finding that the project would have an unreasonable adverse impact on aesthetics.

Application of Antrim Wind Energy, LLC for a Certificate of Site and Facility, N.H. Site Eval. Comm., no. 2012-01, May 2, 2013 Decision and Order Denying Application for Certificate of Site and Facility, p. 50-51. ¹

5. Under the current Application, the Project is designed to have 9 turbines, 8 of which will rise to a level of 488 feet above ground level, and the 9th turbine will rise to a level of 446 feet above ground level. As with the 2012 Project each turbine will be between 25% and 35% of the elevation of the ridgeline.

6. In the jurisdiction phase of the current project, the Committee indicated that “[a] significant questions that may be considered by the Committee is whether the Facility as proposed ... is substantially different that the facility that was proposed and denied in the former docket, Application of Antrim Wind, LLC NHSEC No. 2012-01.” *In re Petition for Jurisdiction over Renewable Energy Facility Proposed by Antrim Wind Energy, LLC*, N.H. Site Eval. Comm., no. 2014-05, March 13, 2015 Order on Pending Motions, pp. 18-19. The Committee directed the parties to conduct

¹ The Committee deferred making a final determination as to Antrim Wind Energy LLC’s financial capacity to construct and operate the 2012 Project, and ultimately voted to deny the application on other grounds. *Id.* p. 39-40.

discovery limited to the how the proposed Facility differed from the proposed facility in Docket 2012-01 from the standpoint of physical differences and impacts between the two proposals. *Id.* at p. 19. Counsel for the Public re-engaged visual impact expert, Jean Vissering who provided testimony that the removal of turbine #10 and a slight lowering of turbine #9 would not materially change the proposed project's impact especially given the substantial aesthetic impacts noted by the Committee in its previous decision. See *Id.*, Pre-filed Testimony of Jean Vissering, pp. 9-10. In Ms. Vissering's opinion the changes to the project were insufficient to change her opinion that the project would have an unreasonable adverse impact on aesthetics. See, *Id.* While the Committee ultimately granted AWE's Petition for Jurisdiction without consideration of the issues related to aesthetics, it also indicated that those issues remained to be determined once the proposed project was subject to full review. *Id.*, Jurisdictional Decision and Order, p. 38.

7. Counsel for the Public has a need to employ a consultant to provide expert analysis and opinion to be presented in the form of testimony with respect to the proposed project's visual impacts.

8. Counsel for the Public wishes to employ Kellie Connelly of Terraink, LLC of Boston, Massachusetts to provide expert analysis and opinion concerning the visual impacts that the proposed project may be expected to produce, an examination of the results of the consultant employed by the Applicant and whether the current project has an unreasonable adverse impact on aesthetics.

9. Ms. Connelly's resume is attached as Exhibit "A." The details of the services Ms. Connelly will provide are set forth in the attached Exhibit "B". Ms.

Connelly's rates are also set forth in the attached Exhibit "B." She estimates the total cost of her services and expenses for the engagement to be up to \$68,400.²

10. Ms. Connelly will be conducting a complete Visual Impact Assessment ("VIA") using well recognized methodology that will include her own viewshed maps, and visual simulations. See, Attachment 2. A complete VIA is necessary at this time in order to fully and fairly address the Applicant's Visual Impact Analysis. It should be noted that the Applicant's primary critiques of Ms. Vissering's work was that it was incomplete; that it did not provide the tools necessary to properly evaluate the project; that Ms. Vissering failed to use consistent methodology; and that she relied on third parties. *In re Petition for Jurisdiction over Renewable Energy Facility Proposed by Antrim Wind Energy, LLC*, N.H. Site Eval. Comm., no. 2014-05, Technical Session Minutes, Testimony of David Raphael, P. 66, L. 19-24, p. 67, P. 66, L 1 – 17; SEC Transcript Day 1, Afternoon Session, Testimony of David Raphael, P. 34, L 20 -25, Pgs. 35, 36, 37 L 1-4; Jurisdictional Decision and Order, p. 10.

11. In fact, Mr. Raphael testified that it would be impossible to figure out whether the changes in the re-configured project were material changes from the project proposed in Docket 2012-01 unless a complete visual impact analysis was conducted. *Id.*, SEC Transcript Day 1, Morning Session, Testimony of David Raphael, P. 34, L. 7 – 24, P. 35, L. 1-2; p. 79, L 11 -22.

² Counsel for the Public previously retained the services of landscape architect, Jean Vissering, who provided a report and testimony on the visual impacts of the proposed facility in Docket # 2012-01, and in the jurisdictional phase of this proceeding; however, Ms. Vissering has retired from providing expert services is not available to assist Counsel for the Public in this docket.

12. Based upon the foregoing, it is necessary to this analysis that the Visual Impact Expert retained by Counsel for the Public conduct a full and complete VIA in order fully address all issues raised in the Applicant's VIA. Further, Ms. Connelly's VIA will also be conducted in accordance with the SEC's recently adopted rules as they address aesthetic impacts.

13. Pursuant to RSA 162-H:10, V, Counsel for the Public may employ such consultants as are necessary to further his or her duties under ch. 162-H. Also pursuant to RSA 162-H:10, V, the cost of such consultants "shall be borne by the applicant in such amount as may be approved by the Committee."

14. Counsel for the Public asks the Sub-committee to order and direct the Applicant to pay the consultant's fees and costs as presented on invoices from the consultant on a monthly basis and in accordance with the terms of the engagement letter attached hereto. Counsel for the Public has done her utmost to fairly and accurately estimate the total budget for the proposed services, but must nevertheless reserve to herself the ability and right to request additional sums should the need arise.

15. Counsel for the Public has contacted Counsel for the Applicant seeking the Applicant's assent for Counsel for the Public to retain Ms. Connelly as a visual impact expert. Counsel for the Public has been advised that the Applicant assents to this Motion. Applicant has requested that it wants noted that it is concerned about costs and has asked that all reasonable efforts be made to contain those costs. Counsel for the Public acknowledges the Applicant's concern and states that Ms. Connelly has indicated that she will take all reasonable efforts to contain costs.

WHEREFORE, Counsel for the Public requests that the SEC enter an order authorizing her to retain Ms. Connelly pursuant to RSA 162-H:10, V, and directing the Applicant to bear the fees and costs, as incurred monthly, up to \$ 68,400.00, and granting such other relief as may be just.

Respectfully submitted this 3rd day of February, 2016,

COUNSEL TO THE PUBLIC

By his attorneys

JOSEPH A. FOSTER
ATTORNEY GENERAL



Mary E. Maloney, Bar # 1603
Assistant Attorney General
Environmental Protection Bureau
33 Capitol Street
Concord, New Hampshire 03301-6397
Tel. (603) 271-3679

Certificate of Service

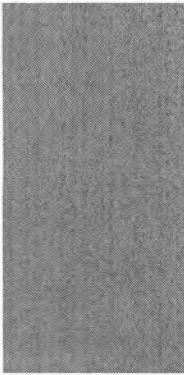
I, Mary E. Maloney, do hereby certify that I caused the foregoing to be served upon each of the parties named in the Service List of this Docket.

Dated: February 3, 2016



Mary E. Maloney

EXHIBIT A



Kellie Anne Connelly | RLA

Principal | Terraink - Landscape Architecture + Planning



Ms. Connelly is a registered landscape architect experienced in all phases of site design and implementation through to contract administration. She is also experienced in providing visual impact assessment services, having evaluated numerous projects with respect to visual impacts and potential mitigation measures. She is adept at balancing environmental and aesthetic needs with user and site engineering requirements. Her experience also includes interacting with various community constituencies to reach design consensus.

Education

Harvard University Graduate School of Design (2000), **Master of Landscape Architecture.** Cambridge, Massachusetts
SUNY College of Environmental Science and Forestry (1995), **Bachelor of Landscape Architecture.** Syracuse, New York
SUNY College of Technology at Alfred (1991), **Associate in Applied Science.** Alfred, New York

Certifications

Commonwealth of Massachusetts WBE | Federal DBE Certification
Registered Landscape Architect, State of New York, License #1875
Registered Landscape Architect, Commonwealth of Massachusetts, License #1214

Professional

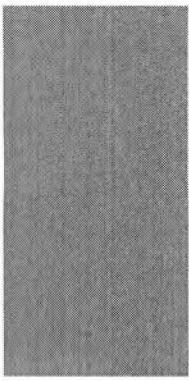
Instructor, Rhode Island School of Design (2014 - Present); Providence, Rhode Island
Principal Landscape Architect, Terraink, Inc. (2010 - Present); Arlington, Massachusetts
Project Manager, Gregory Lombardi Design, Inc. (2008 - 2010); Cambridge, Massachusetts
Visiting Professor, Site Design and Grading Seminar; Rhode Island School of Design
Project Manager, Shadley Associates (2007 - 2008); Lexington, Massachusetts
Project Manager | Visual Expert, EDR Companies (2003 - 2007); Syracuse, New York
Adjunct Professor, SUNY College of Environmental Science and Forestry (2003 - 2007); Syracuse, New York
Landscape Architect, Reisen Design Associates (1999 - 2003); Cambridge, Massachusetts
Landscape Architect, Jacques Whitford Company, Inc. (1998 - 1999); Woburn, Massachusetts
Project Manager, Pressley Associates, Inc. (1995 - 1998); Cambridge, Massachusetts

Publications

"Protecting the Rural Landscape: Visual Quality Guidelines for Plymouth, Massachusetts and the New England Region." Graduate School of Design, Harvard University. Cambridge, Massachusetts

"Toward a Joint Palestine-Israel Industrial Development in al-Shoka and Karem Shalom: An Assessment of Location and Future Planning Flexibility." Graduate School of Design, Harvard University. Cambridge, Massachusetts

Studio Works Seven. Graduate School of Design, Harvard University. Cambridge, Massachusetts



[Resume](#)

Kellie Anne Connelly | RLA

Principal | Terraink - Landscape Architecture + Planning

Experience

Block Island Wind Farm

Evaluated visual impacts for wind turbines and transformer station improvements on Block Island, Rhode Island.

Client: EDR Companies | Deepwater Wind

Status: Under Construction

Howard Wind Farm

Evaluated visual impacts for wind turbines in Steuben County, New York.

Client: EDR Companies | EverPower Wind Holdings, Inc.

Status: Operational 2012

Allegheny Wind

Evaluated visual impacts for wind turbines in Cambria and Blair Counties, Pennsylvania.

Client: EDR Companies | Allegheny Wind, LLC.

Status: Operational 2009

New England East-West Solution (NEEWS)

Evaluated visual impacts for transmission line and transformer station improvements in New England.

Client: EDR Companies | Northeast Utilities and National Grid

Status: Unknown

Interstate Reliability

Evaluated visual impacts for transmission line and transformer station improvements in New England.

Client: EDR Companies | Northeast Utilities and National Grid

Status: Unknown

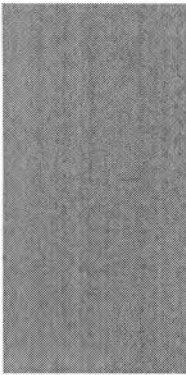
Experience with other Firms

Southern Rhode Island Transmission Project

Expert Witness with Court Testimony that was not challenged. Oversaw preparation of the Visual Impact Assessment (VIA) and the Supplemental Tower Hill Tap Line VIA prepared for the proposed upgrade and extension of approximately 26 miles of an existing L-190 115 kilovolt transmission line in southern Rhode Island. Coordinated fieldwork, defined landscape similarity zones and viewer groups, identified sensitive resources/receptors, supervised the development of viewshed maps and visual simulations, participated in the preparation of the VIA report and provided expert witness testimony on visual issues.

Firm: EDR Companies | Client: The Narragansett Electric Company (National Grid)

Status: Unknown



[Resume](#)

Kellie Anne Connelly | RLA

Principal | Terraink - Landscape Architecture + Planning

Experience

Tompkins County Public Safety Communications System

Directed preparation of Visual Impact Assessment component of the Draft Environmental Impact Statement (DEIS) prepared for the siting of nine new towers for wireless communications in Tompkins County, New York. Coordinated fieldwork, defined landscape similarity zones and viewer groups, identified sensitive resources/receptors, supervised the development of viewshed maps and visual simulations and participated in the preparation of the VIA report.

Firm: EDR Companies | Client: Tompkins County; Planning Department | Status: Implemented

New York State Statewide Wireless Network

Participated in the preparation of the Generic Visual Impact Assessment (GVIA) report component of the DEIS prepared for the siting of wireless communications towers throughout New York State. Defined landscape similarity zones and viewer groups, identified sensitive resources/receptors, supervised the development of visual simulations and participated in the preparation of the GVIA report.

Firm: EDR Companies | Client: New York State | Status: Implemented

Visual Impact Assessment, Top Notch Wind Power Project

Evaluated visual impacts for Fairfield, Norway and Little Falls in Herkimer County, New York. The VIA report described visible components of the proposed project, defined the visual character of the study area, and inventoried and evaluated visual resources and viewer groups. The study also evaluated potential project visibility within the study area, identified key views and assessed visual impacts associated with the proposed wind power project.

Firm: EDR Companies | Client: Atlantic Wind LLC | Status: Unknown

Visual Impact Assessment, Cohocton Wind Power Project

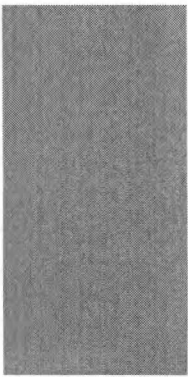
Evaluated visual impacts for Visual Impact Assessment (VIA) report for an 82 MW, 41-turbine project proposed in the Town of Cohocton in Steuben County, New York. The VIA report described visible components of the proposed project, defined the visual character of the study area, and inventoried and evaluated visual resources and viewer groups. The study also evaluated potential project visibility within the study area, identified key views and assessed visual impacts associated with the proposed wind power project.

Firm: EDR Companies | Client: First Wind | Status: Operational 2009

Visual Impact Assessment, Marble River Wind Farm

Assessed visual impacts for Visual Impact Assessment (VIA) report from 200 MW, 109-turbine project proposed for a 19,310-acre site in the Town of Clinton and Ellenburg in Clinton County, New York. The VIA report described visible components of the proposed project, defined the visual character of the study area, and inventoried and evaluated visual resources and viewer groups. The study also evaluated potential project visibility within the study area, identified key views and assessed visual impacts associated with the proposed wind power project.

Firm: EDR Companies | Client: Marble River, LLC | Status: Operational 2012



Kellie Anne Connelly | RLA

Principal | Terraink - Landscape Architecture + Planning

Visual Impact Assessment, Jordanville Wind Power Project

Coordinated study and prepared Visual Impact Assessment (VIA) report for a proposed 150 MW 75-turbine project proposed in the Towns of Stark and Warren in Herkimer County, New York. The VIA report described visible components of the proposed project, defined the visual character of the study area, and inventoried and evaluated visual resources and viewer groups. The study also evaluated potential project visibility within the study area, identified key views and assessed visual impacts associated with the proposed wind power project.

Firm: EDR Companies | Client: Jordanville Wind, LLC | Status: Unknown

Visual Impact Assessment, Dairy Hills Wind Farm

Evaluated visual impacts for Visual impact Assessment (VIA) report for a 160 MW, 80-turbine project proposed in the Towns of Castile, Covington, Perry, and Warsaw in Wyoming County, New York. The VIA report described visible components of the proposed project, defined the visual character of the study area, and inventoried and evaluated visual resources and viewer groups. The study also evaluated potential project visibility within the study area, identified key views and assessed visual impacts associated with the proposed wind power project.

Firm: EDR Companies | Client: Dairy Hills Windfarm, LLC. | Status: Unknown

Jamestown Board of Public Utilities Power Plant and Operations Center VIA

Evaluated visual impacts for Visual Assessment (VIA) report for a 40 MW clean-coal power-generating plant and operations center in Jamestown, New York. The VIA report described the analysis of project visibility, including view shed analysis and field verification. Visual impacts of the project were assessed by creating computer models of the proposed facilities and computer-assisted visual simulations of potential impacts as viewed from representative viewpoints. The report listed conclusions concerning potential visually sensitive receptors and identified mitigation options, which included recommendations regarding design and siting, the color and texture of built materials and lighting.

Firm: EDR Companies | Client: Jamestown Board of Public Utilities (JBPU) | Status: Unknown

Graduate
Experience

Development of Rural Landscape Visual Quality Guidelines

This project focused on the creation of visual quality guidelines for Plymouth, Massachusetts and the New England region. The Town of Plymouth's 1990 Strategic Plan called for expanded development; however, concerns were raised regarding the potential growth impact on the rural quality of life and historic character of the region. This project developed design criteria through visual preference survey, while providing a basis for additional research (including a local case study) to the development standards for the Town.

EXHIBIT B

20 January 2016

Counsel for the Public
 Ms. Mary E. Maloney
 Assistant Attorney General
 33 Capitol Street
 Concord, NH 03301
 W: 603.271.3679
 E: mary.maloney@doj.nh.gov

RE: ANTRIM WIND POWER – Visual Impact Assessment (VIA) | ANTRIM, NH

Dear Mary,

It is with great pleasure that we submit this Proposal for Visual Impact Assessment services evaluating a Proposal for Jurisdiction submitted by Antrim Wind Energy, LLC for a wind power project located in Antrim, New Hampshire.

1.0 Scope of Services - Terraink

Based upon our phone conversation, it is our understanding that you would like our assistance in developing a full visual impact assessment (VIA) and to also provide expert testimony regarding the potential aesthetic impacts of the revised Antrim wind power project on regional sensitive sites, as per RSA 162-H:16, IV(c), which states that *"The site and facility will not have an unreasonable adverse effect on aesthetics, historic sites, air and water quality, the natural environment, and public health and safety"*.

1.1 Background Research and Discovery

Upon approval to proceed, we will coordinate with the Attorney General's Office to receive any pre-existing site information, including but not limited to, project background, previous visual impact assessment reports, viewshed maps, sensitive site maps, cross sections, visual simulations, etc. so that we can thoroughly review and understand the previously submitted visual impact assessments, as well as to understand the proposed project changes that have occurred since the original SEC denial in 2012. Terraink will also review testimony, reports, local and regional planning documents, and local planning and zoning documents as they relate to the project site, in addition to a review of the documentation of natural, cultural, and aesthetically important resources within the project area. In addition, Terraink will conduct a (2) day site visit to the project area to inventory the region, visit sensitive sites, and assess the regional and cultural significance of these locations.

1.2 Review of Applicant's Visual Assessment Report

The Applicant's visual impact assessment will be thoroughly reviewed and a brief memorandum drafted to describe any potential discrepancies or missing information. All new testimony or other documents that become part of the record as the case proceeds will be reviewed to the extent that they may be relevant to aesthetic and visual impacts.

1.3 Evaluation of Visual Impacts

In addition to Terraink's visual expert evaluation of the potential visual impacts, we will convene a panel of two additional landscape architects (one in-house and one independent) to participate in one rating session that will supplement Terraink's expert witness findings. During the rating panel session, the expert and panel will evaluate the quality/sensitivity of different landscape "similarity" zones within the project study area and then evaluate the visual impact of the project, based upon a comparison of views of the existing site and the simulated project from

up to (14) viewpoints (the original SEC sites (12), plus two supplemental as required). The procedures used for this task will be based upon a simplified version of existing agency approved/developed methodologies. We will compile and interpret the panel's ratings of visual quality and visual impact and document the evaluation on summary data forms. We will also provide a written description and characterization of the potential impacts from Federal Aviation Administration aircraft warning lights.

1.4 Visual Impact Assessment Report

Terraink will develop a stand-alone report outlining the results of the visual analysis undertaken during the tasks completed by Terraink and EDR as outlined in each respective proposal. This visual impact assessment will include a description of the project, the study area, the methodologies utilized, analyses prepared by EDR, the findings of the visual analysis, and conclusions on project visibility, visual impact, and potential mitigation as appropriate. Color figures illustrating the study area, sensitive site locations, turbine and substation viewsheds, simulations from up to (14) viewpoints, and a complete photo index will be included in the report. Terraink will submit the final report to the State of New Hampshire in hard copy and digital format.

1.5 Public Hearings and Expert Testimony

We will participate in the preparation of pre-filed direct visual testimony and a single Terraink visual expert will attend the New Hampshire Site Evaluation Committee (SEC) hearings in Concord, New Hampshire. For the purpose of this proposal, we anticipate the following tasks; the review of the Petitioner's documents, including supplemental relevant information, Requests for Information, Rebuttal testimony, (2) days of Technical Hearing attendance, Responses to Requests, (2) days of Adjudicative Hearing attendance, and approximately (40) hours of Terraink staff time for the preparation and presentation of direct testimony materials. No preparation of briefs is included in the Proposal at this time.

1.6 Project and Consultant Management

We anticipate approximately (40) hours of Terraink staff time for project coordination, correspondence, in-house work sessions and typical project and consultant management.

2.0 Scope of Services – EDR

Environmental Design and Research, Landscape Architecture, Engineering & Environmental Services, D.P.C (EDR), Syracuse, New York is subcontracted to Terraink, Incorporated to provide the following tasks; Background Research and Data Collection, Viewshed and Cross Section Analysis, Field Verification, Visual Simulations from Selected Viewpoints, VIA Report Text and Figures and Project Management/Support for the Project.

Please see EDR's attached Scope of Work and Fee Proposal for an in depth description of the proposed scope of work to be completed.

3.0 Schedule

We are prepared to begin work immediately upon your notice to proceed and will work with you to meet the project deadlines. Kellie Anne Connelly will be available for all identified hearing dates; however, she is not available on the following dates:

22-25 January 2016
12-15 February 2016
25-28 March 2016
18-22 April 2016
24-27 June 2016
10-22 August 2016

3.1 Professional Insurance

Terraink has commercial General Liability Insurance (\$1,000,000 each occurrence), Umbrella Liability (\$5,000,000 each occurrence), Automobile Liability (\$1,000,000 each accident), Worker's Comp (\$500,000 each accident), and Errors & Omissions (\$100,000 per claim). Certificate of Liability Insurance can be provided upon request.

3.2 Professional Experience

Terraink's visual expert, Kellie Anne Connelly has participated in multiple visual impact assessment reports for wind power, transmission lines, communication towers, etc. since 2003. Her resume is attached to this Proposal.

4.0 Fees

Terraink proposes to complete the proposed Project for a lump sum fee of \$68,400.00, including subconsultant fees and reimbursable expenses associated with travel, lodging, field equipment and reproduction. This fee is broken down on a task by task basis as per the schedule below.

4.1 Visual Impact Assessment Fees:

TASK (Terraink)	DESCRIPTION	FEE
1.1	Background Research and Discovery (2-Day Site Visit, Documents)	\$3,600.00
1.2	Review of Applicant's Visual Assessment Report (Document)	\$1,200.00
1.3	Evaluation of Visual Impacts (Document)	\$4,000.00
1.4	Visual Impact Assessment Report (Document)	\$6,000.00
1.5	Public Hearings and Expert Testimony	
	Review Documents	\$1,200.00
	Request for Information (Document)	\$1,200.00
	Technical Hearing (2-days in Courtroom)	\$2,800.00
	Responses to Requests (Document)	\$1,200.00
	Rebuttal Testimony (Document)	\$1,200.00
	Adjudicative Hearing (2-days in Courtroom)	\$2,800.00
	Preparation and Presentation Information	\$4,500.00
1.6	Project and Consultant Management	\$4,500.00
Subtotal	Labor Costs	\$34,200.00
	Estimated Reimbursable Expenses	\$3,500.00
Total	Project Cost	\$37,700.00

4.2 Technical Assistance Subconsultant Fees:

TASK (EDR)	DESCRIPTION	FEE
1	Background Research/Data Collection	\$2,700.00
2	Viewshed Analysis and LOS Cross Sections	\$3,500.00
3	Field Verification	\$5,200.00
4	Visual Simulations from Selected Viewpoints	\$9,900.00
5	VIA Report Text and Figures	\$3,900.00
6	Project Management/Support	\$4,500.00
Subtotal	Labor Costs	\$29,700.00
	Estimated Reimbursable Expenses	\$1,000.00
Total	Project Cost	\$30,700.00

4.3 Total Maximum Fees:

Total	Visual Impact Assessment Fees	\$68,400.00
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4.4 Fee Schedule

The Fee Schedule (hourly) is as follows:

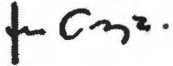
Principal Landscape Architect	\$1,400.00/day	Expert Witness Appearance
Principal Landscape Architect	\$275.00/hour	Court Room Preparation
Principal Landscape Architect	\$175.00/hour	Visual Assessment Rating
Principal Landscape Architect	\$150.00/hour	VIA Report Research and Review
Senior Associate Landscape Architect	\$145.00/hour	Visual Assessment Rating
Senior Associate Landscape Architect	\$100.00/hour	VIA Report Research and Review
Associate Landscape Architect	\$90.00/hour	
Landscape Designer	\$80.00/hour	
Administrative Services	\$55.00/hour	

Please see EDR's 2015 Rate and Cost Sheet attached to their Fee Proposal.

Terraink is committed to providing the State of New Hampshire with cost-effective, high-quality landscape design services and will be happy to provide any additional services, per your request, for supplemental documentation to assist your site improvement goals in any possible way.

Thank you again for the opportunity to work with you and your team on this very exciting project!

Kindest regards,



Jade Cummings | RLA . LEED®AP
Kellie Anne Connelly | RLA
Principal Landscape Architects



Environmental Design & Research,
Landscape Architecture, Engineering & Environmental Services, D.P.C.
217 Montgomery Street, Suite 1000, Syracuse, New York 13202
P. 315.471.0688 • F. 315.471.1061 • www.edrdpc.com

January 15, 2016

Ms. Kellie Connelly, RLA
Terraink Landscape Architecture and Planning
7 Central Street, Suite 150
Arlington, Massachusetts 02476

**RE: Antrim Wind Project
Proposal for Visual Impact Assessment Services**

Dear Kellie:

Environmental Design & Research, Landscape Architecture, Engineering, & Environmental Services, D.P.C. (EDR) is pleased to provide this scope of services and cost estimate for visual analysis work in support of your evaluation of the visual impact of the proposed Antrim Wind Project in Antrim, New Hampshire. Work of this project will include assessment of project visibility (i.e. viewshed mapping, cross section analysis and field evaluation) and preparation of visual simulations to show what the proposed facility will look like from selected viewpoints. Specific tasks proposed by EDR are described below.

SCOPE OF SERVICES

Task 1. Background Research/Data Collection

This task will involve review of the previous visual impact assessments (VIAs) prepared for the Antrim Project and collection of all data required to complete the subsequent visual analysis tasks described below. Up to three conference calls with Terraink and state representatives are also anticipated to review EDR's proposed scope of work, identify data needs, and agree upon deliverable products and schedule.

Task 2. Viewshed and Cross Section Analysis

EDR will acquire publicly available USGS digital topographic data and digital orthoimagery for the Project site and surrounding area. It is assumed that the Project developer will provide layout plans showing proposed turbine locations and turbine dimensions. EDR will then map the study area (a 10-mile radius from the proposed project) on digital USGS base maps, run a viewshed analysis to determine the potential visibility of the proposed turbines, and plot areas of visibility onto viewshed maps. Viewsheds based on topography alone, topography and mapped forest vegetation, and number of potentially visible turbines will be prepared from distances up to 10 miles from the proposed Project. Separate viewshed analysis of the potential visibility of FAA obstruction lighting will also be prepared, based on turbine nacelle height and a lighting plan to be provided by the developer. The deliverable products will include 8½x11-inch or 11x17-inch report figures showing potential visibility of the proposed Project. Line-of-sight cross sections will also be prepared as part of this task to illustrate potential visibility of specific turbines

{ Landscape Architecture • Civil Engineering • Regulatory Compliance • Ecological Resource Management
Cultural Resource Management • Visual Impact Assessment • Community Planning • Golf Course Architecture }

from up to four selected aesthetic resources within the study area. The sections will be presented as rendered 11x17-inch figures with a 10x vertical exaggeration.

Task 3. Field Verification

This task will involve two EDR staff members traveling to the Project site, verifying the accuracy of the viewshed maps prepared in Task 2, and photographically documenting views of the facility that will be available from the 12 selected viewpoints evaluated in the previous VIAs. Photos from other publicly-accessible locations in the vicinity of these viewpoints that may offer better views of the proposed turbines will also be obtained. It is assumed that fieldwork will be conducted during the winter, and that documentation of some views will require hiking on snow-covered trails and frozen lakes. For the purposes of this proposal, we are assuming that no ballooning will be performed to verify visibility, and that all work can be completed in three days, including travel. All viewpoints will be documented with field notes, photographs, and GPS coordinates. Following completion of fieldwork, EDR will select photographs from each of the selected viewpoints for client review.

Task 4. Visual Simulations from Selected Viewpoints

EDR and Terraink will review the photographs taken in Task 3 and select specific photos to use for creating visual simulations. EDR will review turbine specifications and site plans (including proposed grading and clearing limits) provided by the developer, and create a three-dimensional computer model of the site and the turbines to verify the alignment of each viewpoint to be simulated. Simulations of the proposed Project will then be developed by aligning each photographic viewpoint with the models and superimposing the models on the photographs. Color prints of the simulations (one for each viewpoint) will be produced and provided to the client for review and approval. Based on comments received, EDR will make final revisions to the simulations. Each simulation figure set will show a photograph of the existing view and a second photograph of the view that will exist following Project completion. For the purposes of this proposal 14 daytime simulations of the turbines are proposed. It is assumed that two of these simulations will be panoramic images, while the remaining 12 will be single frame photos. No simulations of nighttime conditions, the substation, overhead electrical lines, or other ancillary facilities are currently anticipated, although viewpoints which would include any proposed overhead electrical lines and/or clearing for Project access roads will illustrate the visibility and appearance of these Project components. No simulations representing any project alternatives or mitigation measures are proposed at this time. Photographic output will be 11x17-inch digital color prints.

Task 5. VIA Report Text and Figures

EDR will provide written narrative describing the methodology and results of the visual analyses described in the preceding tasks. We will also provide report figures including viewshed maps, rendered cross sections and visual simulations, as well as a complete index of photos obtained during field review. It is assumed that Terraink will be responsible for incorporating the text and figures provided by EDR into the VIA report they are preparing.

Task 6. Project Management/Support

This task will include correspondence and coordination with the Terraink, along with in-house work sessions and routine project management and administration. While EDR's involvement in expert witness testimony is not included in our proposed scope of services, we do anticipate providing information regarding the analyses EDR performed for use in Terraink's preparation of testimony and responses to discovery requests. Up to six conference

calls with Terraink and state representatives are anticipated as part of this Task. For cost estimating purposes, this task is assumed to require a total of 40 hours of EDR staff time.

SERVICES NOT INCLUDED

The following tasks are not included in EDR's proposed scope of services:

- Flying moored balloons
- Evaluation of visual impact
- Expert witness testimony
- Participation in adjudicatory hearings

COST ESTIMATE

EDR proposes to complete the proposed project for a lump sum fee of \$30,700, including anticipated reimbursable expenses associated with travel, lodging, field equipment, and reproduction. This fee is broken down on a task-by-task basis as follows:

Task 1. Background Research/Data Collection	\$2,700
Task 2. Viewshed Analysis and LOS Cross Sections	\$3,500
Task 3. Field Verification	\$5,200
Task 4. Visual Simulations from Selected Viewpoints	\$9,900
Task 5. VIA Report Text and Figures.....	\$3,900
Task 6. Project Management/Support	\$4,500
Reimbursable Expenses	\$1,000

Our scope and cost estimate are based on the assumption that 14 simulations will be prepared and that all necessary photos can be obtained in one trip to the site. If inclement weather or other circumstances beyond EDR's control require postponing fieldwork after arrival at the site, or additional trips to the site, the fee would increase accordingly, based on current hourly rates. Additional daytime simulations of the proposed Project (beyond the 1 proposed) can be prepared at a cost of \$600 per single frame view and \$1,000 per panoramic view (assuming use of existing models and photos). Costs for any extra work not addressed in the proposed scope of services will be based on current hourly rates. Please see the attached Rate Schedule.

SCHEDULE

EDR can commence work on this project immediately upon receipt of client authorization to proceed. Initial work efforts will take approximately two weeks, and will consist of reviewing previous VIAs and collecting background data as part of the Task 1. Timing of fieldwork is dependent on suitable weather conditions. Photo selection can occur within one week following completion of fieldwork. EDR can provide up to 14 simulations within three weeks following photo selection (assuming no delays beyond our control).

Ms. Kellie Connelly, RLA
January 16 2016

Please call me at EDR's Syracuse office if you have any questions or require additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "John Hecklau". The signature is fluid and cursive, with a large initial "J" and "H".

John Hecklau
Principal



Environmental Design & Research,
 Landscape Architecture, Engineering & Environmental Services, D.P.C.
 217 Montgomery Street, Suite 1000, Syracuse, New York 13202
 P. 315.471.0688 • F. 315.471.1061 • www.edrdpc.com

2015 rate & cost schedule

Environmental Design & Research, Landscape Architecture, Engineering and Environmental Services, D.P.C. (EDR) agrees to provide professional services to:

Client: Ms. Kellie Connelly, RLA
 Terraink Landscape Architecture and Planning
Client's Address: 7 Central Street, Suite 150
 Arlington, Massachusetts 02476
Project Name: Antrim Wind Project - Proposal for Visual Impact Assessment Services
Date: December 14, 2015

LABOR CATEGORY	MAXIMUM HOURLY RATE
Principal	\$156.00
Managing Landscape Architect.....	\$115.00
Senior Landscape Architect	\$98.00
Landscape Architect.....	\$81.00
Site Designer	\$57.00
Managing Environmental Scientist.....	\$156.00
Senior Environmental Scientist	\$125.00
Project Environmental Analyst	\$87.00
Staff Environmental Analyst.....	\$70.00
Senior Cultural Resources Specialist.....	\$125.00
Cultural Resources Analyst.....	\$70.00
Project Archeologist	\$70.00
Archeology Field Assistant.....	\$45.00
Project Engineer	\$85.00
Design Engineer	\$75.00
Senior Planner	\$115.00
Planner.....	\$86.00
Senior Visualization/Graphic Specialist.....	\$80.00
Visualization/Graphic Specialist.....	\$75.00
GIS Analyst.....	\$65.00
Administrative Support.....	\$60.00

*This schedule is subject to annual or periodic adjustments.

[Landscape Architecture • Civil Engineering • Regulatory Compliance • Ecological Resource Management
 Cultural Resource Management • Visual Impact Assessment • Community Planning • Golf Course Architecture]

DIRECT COST RATES:

Refer to contract or contract proposal for multipliers applied to direct cost rates.

SUBCONTRACTOR SERVICES..... COST plus 10%

REIMBURSABLE EXPENSES:

Photocopies	\$0.05/page
Color Prints 8 ½ X 11	\$.50/page
Double Sided	\$.75/page
Color Prints 11 X 17	\$1.00/page
Double Sided	\$1.50/page
Large Format CAD Plots	\$0.60/square foot
Large Format Photo/Rendering Plots.....	\$6.00/square foot
Large Format Cartographic.....	\$1.75/square foot
Mileage	IRS Current Rate plus 10%
Tolls	cost plus 10%
Lodging	cost plus 10%
Equipment Rentals.....	cost plus 10%
Expedited Delivery (courier, overnight mail)	cost plus 10%

*This schedule is subject to annual or periodic adjustments.

Environmental Design & Research,
Landscape Architecture, Engineering & Environmental Services, D.P.C.