



**CALIFORNIA
ENERGY COMMISSION**



**California Energy Commission
December 11, 2024, Business Meeting
Backup Materials for National Wind Technology Consortium, Inc.**

The following backup materials for the above-referenced agenda item are available in this PDF packet as listed below:

1. Proposed Resolution
2. Contract Request Form
3. Scope of Work

[PROPOSED]

RESOLUTION NO: 24-1211-03c

STATE OF CALIFORNIA

**STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION**

RESOLUTION: National Wind Technology Consortium, Inc.

RESOLVED, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

RESOLVED, that the CEC approves agreement 300-24-001 with National Wind Technology Consortium, Inc. dba National Offshore Wind Research and Development Consortium (NOWRDC) for \$25,000 for contract for a one-year CEC membership. NOWRDC is a national, non-profit collaborating with industry, state, and federal government on research and development to reduce the levelized-cost of offshore wind energy while maximizing economic and social benefits; and

FURTHER BE IT RESOLVED, that the Executive Director or their designee shall execute the same on behalf of the CEC.

CERTIFICATION

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on December 11, 2024.

AYE:

NAY:

ABSENT:

ABSTAIN:

Dated:

Kristine Banaag
Secretariat



CONTRACT REQUEST FORM (CRF)

A. New Agreement Number

IMPORTANT: New Agreement # to be completed by Contracts, Grants, and Loans Office.

New Agreement Number: 300-24-001

B. Division Information

1. Division Name: ERDD
2. Agreement Manager: Michelle Slocombe
3. MS-51
4. Phone Number: 916-776-0745

C. Recipient's Information

1. Contractor's Legal Name: National Wind Technology Consortium, Inc. dba National Offshore Wind Research and Development Consortium
2. Federal ID Number: 82-4740333

D. Title of Project

Title of project: 2025 National Offshore Wind Research & Development Consortium (NOWRDC) Membership

E. Term and Amount

1. Start Date: 1/1/2025
2. End Date: 12/31/2025
3. Amount: \$25,000.00

F. Business Meeting Information

1. Operational agreement to be approved by Executive Director? No
2. Are the ARFVTP agreements \$75K and under delegated to Executive Director? N/A
3. The Proposed Business Meeting Date: 12/11/2024
4. Consent or Discussion? Consent
5. Business Meeting Presenter Name: Michelle Slocombe
6. Time Needed for Business Meeting: 5 minutes.
7. The email subscription topic is: EPIC (Electric Program Investment Charge)

Agenda Item Subject and Description:

National Wind Technology Consortium, Inc. dba National Offshore Wind Research & Development Consortium (NOWRDC). Proposed resolution approving agreement 300-24-001 with NOWRDC for a one-year, Public Sponsor Membership for \$25,000, including the use of the CEC logo in membership advertisements. NOWRDC is a nationally focused, not-for-profit organization collaborating with industry, state, and federal government on research and development activities to reduce the levelized-cost of offshore wind energy in the United States while maximizing other economic and social benefits. (EPIC funding) Contact: Michelle Slocombe.



G. California Environmental Quality Act (CEQA) Compliance

1. Is Agreement considered a “Project” under CEQA?

No

If yes, skip to question 2.

If no, complete the following (PRC 21065 and 14 CCR 15378) and explain why Agreement is not considered a “Project”:

Agreement will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because the agreement is for membership in NOWRDC, which includes engagement of CEC management and staff on offshore wind research and policy issues. These collaborations largely include small and large group discussions such as virtual meetings and panels both internal and public.

2. If Agreement is considered a “Project” under CEQA answer the following questions.

a) Agreement **IS** exempt?

Not applicable

Statutory Exemption?

No

If yes, list PRC and/or CCR section number(s) and separate each with a comma. If no, enter “None” and go to the next question.

PRC section number: None

CCR section number: None

Categorical Exemption?

No

If yes, list CCR section number(s) and separate each with a comma. If no, enter “None” and go to the next question.

CCR section number: None

Common Sense Exemption? 14 CCR 15061 (b) (3)

No

If yes, explain reason why Agreement is exempt under the above section. If no, enter “Not applicable” and go to the next section.

Not applicable



- b) Agreement **IS NOT** exempt.
IMPORTANT: consult with the legal office to determine next steps.

Not applicable

If yes, answer yes or no to all that applies. If no, list all as “no” and “None” as “yes”.

Additional Documents	Applies
Initial Study	No
Negative Declaration	No
Mitigated Negative Declaration	No
Environmental Impact Report	No
Statement of Overriding Considerations	No
None	Yes

H. Subcontractors

List all Subcontractors listed in the Budget (s). Insert additional rows if needed. If no subcontractors to report, enter “No subcontractors to report” and “0” to funds. **Delete** any unused rows from the table

Subcontractor Legal Company Name	Budget
No subcontractors to report	\$

I. Key Partners

List all key partner(s). Insert additional rows if needed. If no key partners to report, enter “No key partners to report.” **Delete** any unused rows from the table.

Key Partner Legal Company Name
No key partners to report

J. Budget Information

Include all budget information. Insert additional rows if needed. If no budget information to report, enter “N/A” for “Not Applicable” and “0” to Amount. **Delete** any unused rows from the table.

Funding Source	Funding Year of Appropriation	Budget List Number	Amount
EPIC	24-25	300.001L	\$25,000

TOTAL Amount: \$25,000



R&D Program Area: Admin: General
Explanation for “Other” selection Not applicable
Reimbursement Contract #: Not applicable
Federal Agreement #: Not applicable

K. Contractor’s Contact Information

1. Contractor’s Administrator/Officer

Name: Lyndie Hice-Dunton
Address: 1000 Innovation Rd
City, State, Zip: Stony Brook, NY 11794-6044
Phone: 848-863-3269
E-Mail: lyndie.hice-dunton@nationaloffshorewind.org

3. Contractor’s Project Manager

Name: Kori Groenveld
Address: PO Box 38019
City, State, Zip: Albany, NY 12203-8019
Phone: 805-657-7197
E-Mail: kori.groenveld@nationaloffshorewind.org

L. Selection Process Used

There are three types of selection process. List the one used for this CRF.

Selection Process	Additional Information
Competitive Solicitation #	Not applicable
Non Competitive Bid (<i>Attach DGS-GSPD-09-007 https://www.dgs.ca.gov/PD/Forms </i>)	Not Applicable.
Exempt	Membership



M. Contractor Entity Type

Contractor Entity Type	Yes or No?
Private Company <i>(including non-profits)</i>	Yes
CA State Agency <i>(including UC and CSU)</i>	No
Government Entity <i>(i.e. city, county, federal government, air/water/school district, joint power authorities, university from another state)</i>	No

N. Is Contractor a certified Small Business (SB), Micro Business (MB) or Disabled Veterans Business Enterprise (DVBE)?

The contractor is a certified: Not applicable..

O. Civil Service Considerations

- a. Not Applicable (Agreement is with a CA State Entity or a membership/co-sponsorship)? Yes
- b. Public Resources Code 25620, et seq., authorizes the Commission to contract for the subject work. (PIER) No
- c. The Services Contracted: No.

If no, go to the next question. If yes, which of the following applies to the contract? More than one can apply, list each answer choice, and separate them with a comma:

- are not available within civil service
- cannot be performed satisfactorily by civil service employee
- are of such a highly specialized or technical nature that the expert knowledge, expertise, and ability are not available through the civil service system

The following applies to the contract: Not applicable.

- d. The Services are of such an urgent, temporary, or occasional nature that the delay to implement under civil service would frustrate their very purpose?

Not applicable.

Justification:

Not applicable.



P. Payment Method

1. Is the payment method Reimbursement, Advanced Payment, or Other? Reimbursement.
If Other, explain:
If Reimbursement, is it in arrears based on Itemized Monthly, Itemized Quarterly, Flat Rate, or One-time? One-time

Q. Retention

- Is Agreement subject to retention? No.
If Yes, Will retention be released prior to Agreement termination? N/A

R. Justification of Rates

The membership rate is established by NOWRDC. This contract will provide for a 12-month Public Sponsorship Membership.

S. Disabled Veteran Business Enterprise Program (DVBE)

Provide requested additional information.

1. Exempt (Interagency/Other Government Entity) No.
2. Meets DVBE Requirements DVBE No.
Amount: \$ DVBE %:
3. Is the Contractor Certified DVBE or Subcontracting with a DVBE? If subcontracting with a DVBE, provide the name of the DVBE company. If none applies, enter "Not Applicable".
Not applicable.
4. Contractor selected through CMAS or MSA with no DVBE participation No.
5. Requesting DVBE Exemption (attach CEC 95) Yes.

T. Miscellaneous Agreement Information

1. Will there be Work Authorizations? No.
2. Is the contractor providing confidential information? No.
3. Is the contractor going to purchase equipment? No.
4. What is the check frequency of the progress reports? Monthly, Quarterly, or Other? If Other, please provide explanation.
Monthly, Quarterly, or Other? If Other, please provide explanation.
5. Will a final report be required? No.
6. Is the Agreement, with amendments, longer than three years? If yes, why?
No



U. The following items should be attached to this CRF (as applicable)

List all items that should be attached to this CRF by entering “Yes” or “No”.

Item Number	Item Name	Attached
1	Exhibit A, Scope of Work/Schedule	Yes
2	Exhibit B, Budget Detail	Yes
3	DGS-GSPD-09-007, NCB Request	No
4	CEC 95, DVBE Exemption Request	Yes
5	Awardee CEQA Documentation	No
6	Resumes	No
7	CEC 105, Questionnaire for Identifying Conflicts	Yes

Approved By

Individuals who approve this form must enter their full name and approval date in the MS Word version.

Agreement Manager: Michelle Slocombe

Approval Date: 10/24/2024

Branch Manager: Kevin Uy

Approval Date: 10/24/2024

Deputy Director: Delegated to Branch Manager

Approval Date: 10/24/2024

Exhibit A

SCOPE OF WORK

PURPOSE

The purpose of this agreement is for the California Energy Commission (CEC) to join as a Public Sponsor Member, for one year, the National Wind Technology Consortium, Inc. doing business as National Offshore Wind Research and Development Consortium (NOWRDC or the Consortium).

NOWRDC is a nationally-focused, not-for-profit organization that supports and promotes research and development (R&D) activities that address technological and supply chain barriers to deployment and helps lower development risk to investors. NOWRDC was established in 2018 when the U.S. Department of Energy selected the New York State Energy Research and Development Authority (NYSERDA), in partnership with the Renewables Consulting Group (RCG) and the Carbon Trust (CT), to lead the formation of a nationwide R&D consortium for the offshore wind industry. The intent was to facilitate and enhance the development and implementation of offshore wind power technology through scientific research in the public interest for the public purpose of increasing the performance and capability of the electric power supply and delivery system. NOWRDC manages industry-focused research and innovation with state and federal government collaboration to bring down the levelized cost of energy of offshore wind in the United States. Like the CEC's Electric Program Investment Charge (EPIC), NOWRDC supports renewable energy innovations by conducting solicitations and managing research projects that could reduce the costs associated with offshore wind and provide economic and societal benefits.

Membership with NOWRDC will help accelerate the deployment of offshore wind in California by adding to the pool of critical resources needed to overcome various challenges. Benefits gained from the membership include access to NOWRDC's network of experts from the offshore wind industry, state and federal government, and access to results and lessons from offshore wind deployment projects in other states, that critically inform, enrich and facilitate offshore wind energy research, development and deployment under EPIC through activities such as:

- CEC participation on the advisory boards for NOWRDC projects of interest.
- NOWRDC members serving on technical advisory committees for CEC EPIC grants.
- Leverage the national, potentially international, influence of the organization
- Involvement in NOWRDC committees, such as Research and Development Advisory Group, Manufacturing Supply Chain Services Council, and State Action Network, to help shape research objectives and solicitations

Exhibit A

SCOPE OF WORK

- Accessing networks and resources connecting technology innovators, investors, and industry

PUBLIC SPONSOR MEMBERSHIP OF CEC

As a Public Sponsor Member, the CEC will have the ability to nominate and vote for those serving on the Board of Directors, but will not nominate a Director from among its employees or to vote in Board elections.

Public Sponsor Members can nominate individuals (including their employees) to serve as “Adjunct” members of the Consortium’s Research and Development Committee, which sets the Consortium’s research priorities and makes all decisions with respect to project awards and other matters. Adjunct Committee Members have the right to attend all meetings and participate in discussions and make recommendations, but do not vote. The Consortium has also looked to technical experts employed by its Members to serve on the Scoring Committees that assist in reviewing project proposals received in response to its solicitations.

In addition, Public Sponsor Member representatives are invited to attend all other Consortium meetings (i.e., Board meetings, as non-voting invitees, other than “executive session” meetings, which are uncommon), the Energy Advisory Boards (EABs), and the State Action Network.

- EABs, which exist for each contracted project, provide an opportunity for all Members to engage more deeply in a specific project activity. Members are encouraged to have a representative on EABs for projects they are interested in. EABs meet quarterly to review and provide feedback on project accomplishments and plans.
- The State Action Network, open to only state Members, meets quarterly to discuss various issues impacting states in a small forum. The State Action Network is not a governing body but a “place” where common issues and potential collaboration is discussed.

NOWRDC MISSION AND DESIRED IMPACTS

- Facilitate a nationally-focused, not-for-profit organization collaborating with industry on prioritized R&D activities to reduce levelized cost of energy (LCOE) of offshore wind in the U.S. and maximize other economic and social benefits.
 - Innovations directly responsive to the technical and supply chain barriers faced by offshore wind project developers in the U.S.
 - Build strong networks connecting technology innovators, investors, and industry

Exhibit A

SCOPE OF WORK

- Increase U.S. content and job opportunities

NOWRDC RESEARCH PILLARS

- Pillar 1: Offshore Wind Farm Technology Advancement. Technology advancements targeted at the major cost drivers of offshore wind and domestic physical siting challenges in wind turbine and wind farm technology.
- Pillar 2: Offshore Wind Power Resource and Physical Site Characterization. Improvements in offshore wind site characterization and site characterization technology that can drive significant cost reduction in U.S. offshore wind projects.
- Pillar 3: Installation, Operations and Maintenance (O&M), and Supply Chain. Technology improvements in wind farm installation, O&M, and supply chain issues related to the U.S. market, socioeconomic, and geophysical constraints.

PRIORITY TOPICS BENEFITTING CALIFORNIA

NOWRDC maintains an industry-focused offshore wind R&D agenda to help accelerate early U.S. offshore wind project development, LCOE reduction, and geographic industry expansion. NOWRDC priority topics that could benefit the offshore wind industry in California include:

- Industrialization of the Floating Supply Chain
- Workforce Development
- Floating Substructures
- Characterization of Atmospheric and Ocean Conditions at U.S. Wind Energy Areas
- Floating Wind Operations and Maintenance

NOWRDC MEMBER CATEGORIES AND COMMITTEES

Membership categories:

- Developer Members. Organization developing or operating offshore wind power generation plants, with a significant strategic commitment to further develop, operate, and own offshore wind power generation plants in the United States.
- Private Sponsor Members. Individual or organization with substantial interest in the offshore wind industry, who or which does not meet the qualifications of a Developer Member.

Exhibit A

SCOPE OF WORK

- **Public Sponsor Members.** Any officer or designee selected by United States federal, state, or local governmental or other public agency, authority, or instrumentality, or any public benefit or other not-for-profit corporation or organization, which has a substantial interest in developing the capacity for or otherwise supporting the production, transmission, distribution, sale, and utilization of electric power generated from offshore wind for the public benefit.
- **Independent Members.** Any public or private entity or individual that can provide scientific, industry, or other expertise or perspective significantly benefitting the Corporation's purposes.
- **Director Members.** Individuals serving as members of the Corporation's Board of Directors.

Committees:

- **Board of Directors.** Consist of member representatives (one seat per member, one vote, no proxies permitted), provides overall leadership and governance of the Consortium.
- **Executive Committee.** Elected members, with exception of NYSDERA and NOWRDC Executive Director who are ex-officio, exercise all the powers of the Board and act in its stead between meetings of the Board of Directors.
- **Research and Development Committee.** A Board-level committee, makes all determinations regarding NOWRDC's research and development priorities, solicitations, and project awards or completions.

OUTREACH AND INFORMATION EXCHANGE

NOWRDC shares project and technical information to its members and stakeholders through, but not limited to:

- Research and Development Advisory Group
- Research and Development Roadmap
- Annual Research and Development Symposium
- Portfolio Overview, Project Reports, and Fact Sheets
- Webinar
- Online Library of Industry and Consortium resources