



STATE OF CALIFORNIA

CONTRACT REQUEST FORM (CRF)

CEC-94 (Revised 12/2019)

CALIFORNIA ENERGY COMMISSION

A) New Agreement # 300-22-001 (to be completed by CGL office)

B) Division	Agreement Manager:	MS-	Phone
ERDD	Rizaldo Aldas	43	916-776-0586

C) Contractor's Legal Name	Federal ID Number
National Wind Technology Consortium, Inc, d/b/a National Offshore Wind Research and Development Consortium (NOWRDC)	82-4740333

D) Title of Project
National Offshore Wind Research and Development Consortium Membership

E) Term and Amount

Start Date	End Date	Amount
9/1/2022	12/31/2024	\$ 60,000

F) Business Meeting Information

☐ Operational agreement (see CAM Manual for list) to be approved by Executive Director

☐ ARFVTP agreements \$75K and under delegated to Executive Director

Proposed Business Meeting Date 8/10/2022 ☒ Consent ☐ Discussion

Business Meeting Presenter Rizaldo Aldas Time Needed: 5 minutes

Please select one list serve. EPIC (Electric Program Investment Charge)

Agenda Item Subject and Description:**National Wind Technology Consortium, Inc. dba National Offshore Wind Research and Development Consortium (NOWRDC).**

Proposed resolution approving Agreement 300-22-001 with the National Wind Technology Consortium, Inc. dba NOWRDC for a two-year plus three months, prorated Public Sponsor Membership invoiced annually at \$25,000, for a total of \$60,000, including the use of the CEC logo in membership advertisements, and adopting staff's determination that this membership is not a project under CEQA. The 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: Rizaldo Aldas.

G) California Environmental Quality Act (CEQA) Compliance

1. Is Agreement considered a "Project" under CEQA?

☐ Yes (skip to question 2)

☒ No (complete the following (PRC 21065 and 14 CCR 15378)):

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 the coalition 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.

**CONTRACT REQUEST FORM (CRF)****2. If Agreement is considered a "Project" under CEQA:**

- a) ☐ Agreement **IS** exempt.
- ☐ Statutory Exemption. List PRC and/or CCR section number:
- ☐ Categorical Exemption. List CCR section number:
- ☐ Common Sense Exemption. 14 CCR 15061 (b) (3) Explain reason why Agreement is exempt under the above section:
- b) ☐ Agreement **IS NOT** exempt. (consult with the legal office to determine next steps)

Check all that apply

- ☐ Initial Study
- ☐ Negative Declaration
- ☐ Mitigated Negative Declaration
- ☐ Environmental Impact Report
- ☐ Statement of Overriding Considerations

H) List all subcontractors (major and minor) and equipment vendors: (attach additional sheets as necessary)

Legal Company Name:	Budget
	\$

I) List all key partners: (attach additional sheets as necessary)

Legal Company Name:

J) Budget Information

Funding Source	Funding Year of Appropriation	Budget List Number	Amount
EPIC	22-23	300.001J	\$60,000

R&D Program Area: EGRO: Renewables

TOTAL:

\$60,000

Explanation for "Other" selection

Reimbursement Contract #: Federal Agreement #:

K) Contractor's Contact Information**1. Contractor's Administrator/Officer**

Name: Kevin Knobloch

Address: 35 Academy Street

City, State, Zip: Arlington, MA 02476

Phone: (617) 480-5003

E-Mail: kevin.knobloch@nationaloffshorewind.org**2. Contractor's Project Manager**

Name: Kori Groenveld

Address: P.O. Box 38019

City, State, Zip: Albany, NY 12203

Phone: (805) 657-7197

E-Mail: kori.groenveld@nationaloffshorewind.org

**CONTRACT REQUEST FORM (CRF)****L) Selection Process Used**

- ☐ Solicitation Select Type Solicitation #: # of Bids: Low Bid ☐ No ☐ Yes
- ☐ Non-Competitive Bid (*Attach DGS-GSPD-09-007 <https://www.dgs.ca.gov/PD/Forms>*)
- ☒ Exempt Membership
- ☐ Non-Competitive Follow-On Funding

M) Contractor Entity Type

- ☒ Private Company (*including non-profits*)
- ☐ CA State Agency (*including UC and CSU*)
- ☐ Government Entity (*i.e. city, county, federal government, air/water/school district, joint power authorities, university from another state*)

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

If yes, check appropriate box(es): ☐ SB ☐ MB ☐ DVBE

O) Civil Service Considerations

- ☒ Not Applicable (Agreement is with a CA State Entity or a membership/co-sponsorship)
- ☐ Public Resources Code 25620, et seq., authorizes the Commission to contract for the subject work. (PIER)
- ☐ The Services Contracted:
- ☐ are not available within civil service
 - ☐ cannot be performed satisfactorily by civil service employees
 - ☐ 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 Services are of such an:
- ☐ urgent
 - ☐ temporary, or
 - ☐ occasional nature that the delay to implement under civil service would frustrate their very purpose.

Justification: N/A

P) Payment Method

1. ☐ Reimbursement in arrears based on:
 - ☐ Itemized Monthly ☐ Itemized Quarterly ☐ Flat Rate ☐ One-time
2. ☐ Advanced Payment
3. ☒ Other, explain: CEC will make annual pro-rated membership payments for a 27-month period.

**CONTRACT REQUEST FORM (CRF)****Q) Retention**Is Agreement subject to retention? ☒ No ☐ YesIf Yes, Will retention be released prior to Agreement termination? ☐ No ☐ Yes**R) Justification of Rates**

The membership rate is established by the National Offshore Wind Research and Development Consortium. This 27-month contract will provide for an annual Public Sponsorship Membership to be pro-rated for 2022 and invoiced at the beginning of each of the two full-year periods thereafter - 1/1/2023 and 1/1/2024.

S) Disabled Veteran Business Enterprise Program (DVBE)

1. ☐ Exempt (Interagency/Other Government Entity)
2. ☐ Meets DVBE Requirements DVBE Amount: \$ DVBE %:
 - a. ☐ Contractor is Certified DVBE
 - b. ☐ Contractor is Subcontracting with a DVBE:
3. ☐ Contractor selected through CMAS or MSA with no DVBE participation
4. ☒ Requesting DVBE Exemption (attach CEC 95)

T) Miscellaneous Agreement Information

1. Will there be Work Authorizations? ☒ No ☐ Yes
2. Is the Contractor providing confidential information? ☒ No ☐ Yes
3. Is the contractor going to purchase equipment? ☒ No ☐ Yes
4. Check frequency of progress reports
☐ Monthly ☐ Quarterly ☐ Other
5. Will a final report be required? ☒ No ☐ Yes
6. Is the Agreement, with amendments, longer than three years? If yes, why?
☒ No ☐ Yes

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

- | | | |
|-----------------------------------------------------|-----------------------------------------|----------------------------------------------|
| 1. Exhibit A, Scope of Work | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 2. Exhibit B, Budget Detail | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 3. DGS-GSPD-09-007, NCB Request | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 4. CEC 95, DVBE Exemption Request | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 5. CEQA Documentation | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 6. Resumes | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 7. CEC 105, Questionnaire for Identifying Conflicts | <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |

Agreement Manager

Date

Office Manager

Date

Deputy Director

Date

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 two years, of the National Wind Technology Consortium, Inc. doing business as National Offshore Wind Research and Development Consortium (NOWRDC).

The 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. The 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), the 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 the NOWRDC will help accelerate the deployment of offshore wind in California by adding to the pool of critical resources needed to overcome various challenges. The NOWRDC's access to 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, could 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.

Exhibit A

SCOPE OF WORK

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
 - 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

Exhibit A

SCOPE OF WORK

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.
- **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:

Exhibit A

SCOPE OF WORK

- 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

STATE OF CALIFORNIA
STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

**RESOLUTION: National Wind Technology Consortium, Inc. dba National Offshore
Wind Research and Development Consortium (NOWRDC)**

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

RESOLVED, that the CEC approves Agreement 300-22-001 with the National Wind Technology Consortium, Inc. dba NOWRDC for a two-year plus three months, prorated Public Sponsor Membership invoiced annually at \$25,000, for a total of \$60,000, including the use of the CEC logo in membership advertisements. The 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; 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 August 10, 2022.

AYE:

NAY:

ABSENT:

ABSTAIN:

Liza Lopez

Secretariat