

OFFSHORE WIND WORK PROGRAM

Wind Project Name: _____

Location: _____

RE Developer: _____

WORK COMMITMENT	TIMELINE																				FINANCIAL COMMITMENT (PHP)				
	Year 1				Year 2				Year 3				Year 4				Year 5				Year 1	Year 2	Year 3	Year 4	Year 5
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
PRE-DEVELOPMENT STAGE																									
A. FEASIBILITY STUDY																									
1 Market Study (Identify potential market/off-taker and rates)																									
2 Technical Study																									
a. Meteocean/detailed wind resource assessment campaign (permitting; procurement, installation/deployment, operation and maintenance of meteorological mast and Light/Sound Detection and Ranging.																									
b. Geophysical and geotechnical studies																									
c. Delineation/Identification of production area																									
d. Preliminary wind farm modelling/conceptual design and energy yield estimate																									
e. System/Distribution Impact Study (SIS or DIS) and application for Grid Interconnection*																									
f. Detailed offshore wind farm modelling and energy yield estimate																									
g. Detailed engineering design																									
h. Port and supply chain assessment																									
3 Management Study																									
a. Plan of Development that outline the Implementation strategy of development and construction of the offshore wind farm and its attendant transmission and interconnection facilities.																									
b. Selection of engineering, procurement and construction (EPC) contractor, owner's engineer, operation and maintenance contractor (O&M)																									
4 Social and Environmental Studies and permits																									
a. Stakeholder engagement/public consultations																									
b. Acquisition of local governments' resolution of support (if within the municipal water)																									
c. Application and acquisition of permits, clearances, agreements, licenses, authorizations, registration and approvals from relevant government agencies and authorities (e.g. DENR, PCG, PPA, MARINA, BFAR, BOI, BIR, ERC, NGCP, etc.)																									
5 Financial Study																									
a. Financial modelling																									
b. Financial Closing																									
B. FINAL INVESTMENT DECISION/DECLARATION OF COMMERCIALITY																									
1 Application for OSWEC Transition from Pre-Development to Development / Request to develop and contract the Project; or																									
2 Relinquishment of contract																									
C. OTHERS																									

Prepared by:

Approved by:

Signature Over Printed Name
Designation, Company

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Designation, Company

OFFSHORE WIND WORK PLAN

Wind Project Name: _____

Location: _____

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WORK COMMITMENT	TIMELINE																				FINANCIAL COMMITMENT (PHP)																	
	Year 1				Year 2				Year 3				Year 4				Year 5				Year 1	Year 2	Year 3	Year 4	Year 5													
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4																		
A. DEVELOPMENT STAGE																																						
1 Mobilization/Offshore works																																						
2 Supply, delivery and installation of the following																																						
a. Cabling																																						
b. Foundations/moorings/anchors																																						
c. Turbines																																						
d. Substation																																						
3 Testing and commissioning																																						
B. COMMERCIAL OPERATION																																						
1 Operation																																						
2 Maintenance & Repair																																						
C. OTHERS																																						

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WORK COMMITMENT	TIMELINE																				COST (PHP)				
	Year 1				Year 2				Year 3				Year 4				Year 5				Year 1	Year 2	Year 3	Year 4	Year 5
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
A. ACQUISITION OF PERMITS AND OTHER APPROVALS*																									
1 Stakeholder engagement and public consultations																									
2 Local Government Units																									
a. Barangay (if applicable)																									
b. Municipal (if applicable)																									
c. Provincial (if applicable)																									
3 Department of Environment and Natural Resources																									
a. Environmental Management Bureau																									
b. Biodiversity Management Bureau																									
c. Forest Management Bureau (if applicable)																									
d. Land Management Bureau (if applicable)																									
4 Department of Agriculture																									
a. Bureau of Fisheries and Aquatic Resources																									
5 Department of Transportation																									
a. Civil Aviation Authority of the Philippines																									
b. Maritime Industry Authority																									
c. Philippine Coast Guard																									
d. Philippine Ports Authority																									
6 National Commission on Indigenous People (if applicable)																									
7 Other applicable agencies/authorities with jurisdiction over the OSW operations																									
B. PRELIMINARY RESOURCE ASSESSMENT/PRE-FEASIBILITY STUDY																									
1 Site Survey																									
2 Resource Assessment																									
3 Geophysical and Bathymetry Survey																									
4 Micro-Siting for the Installation/Deployment of Meteorological Mast/Remote Sensing Device																									
5 Energy Yield Estimate																									
6 Wind Farm Modelling/Conceptual Design																									
7 Port and Supply Chain Assessment																									
8 Transmission and Interconnection Assessment																									
9 Market Study																									
10 Financial and Economic Study																									
C. INVESTMENT DECISION																									
1 Signing of OSWESC; or																									
2 Relinquishment of OSWEC Application																									
D. OTHERS																									

Note:

* Tentative list of agencies/bureaus/authorities, subject to change depending on the results of DOE's Study on Permitting and Consenting of Offshore Wind Projects

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	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4																				
A. PRE-CONSTRUCTION ACTIVITIES																																								
1 Identify and secure market/off-taker and rates																																								
2 Geophysical and geotechnical studies																																								
3 Delineation/Identification of production area																																								
4 System/Distribution Impact Study (SIS or DIS) and application for Grid Interconnection																																								
5 Detailed offshore wind farm modelling and energy yield estimate																																								
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8 Plan of Development that outline the Implementation strategy of development and construction of the offshore wind farm and its attendant transmission and interconnection facilities.																																								
9 Negotiation and signing of contracts with engineering, procurement and construction (EPC) contractor, owner's engineer, operation and maintenance contractor (O&M)																																								
10 Stakeholder engagement/public consultations																																								
11 Application and acquisition of permits, clearances, agreements, licenses, authorizations, registration and approvals from relevant government agencies and authorities (e.g. LGU, DENR, PCG, PPA, MARINA, BFAR, BOI, BIR, ERC, NGCP, etc.)																																								
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