

**GOBIERNO DE PUERTO RICO
JUNTA REGLAMENTADORA DE SERVICIO PÚBLICO
NEGOCIADO DE ENERGÍA DE PUERTO RICO**

NEPR

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IN RE: ENMIENDAS A CONTRATO DE
COMPRAVENTA DE ENERGÍA:
PROYECTO NO-OPERACIONAL (CIRO
ONE SALINAS, LLC)

CASO NÚM.: NEPR-AP-2021-0001

ASUNTO: Moción para Presentar Informe de
Progreso Mensual Correspondiente a Octubre
de 2022

**MOCIÓN PARA PRESENTAR INFORME DE PROGRESO MENSUAL
CORRESPONDIENTE A OCTUBRE DE 2022**

AL HONORABLE NEGOCIADO DE ENERGÍA:

COMPARECE la Autoridad de Energía Eléctrica de Puerto Rico (la “Autoridad”) a través de la representación legal que suscribe y muy respetuosamente expone y solicita:

1. El 10 de junio de 2021, el Negociado de Energía de la Junta Reglamentadora de Servicio Público (el “Negociado” o “Negociado de Energía”) notificó *Resolución Final y Orden* (la “Resolución Final”) mediante la cual aprobó, sujeto a algunas condiciones, la *Petición de Aprobación de Enmienda a Contrato de Compraventa de Energía Renovable con CIRO One Salinas, LLC* (la “Petición”) radica por la Autoridad el 17 de marzo de 2021.

2. La Resolución Final ordena a que, entre otras cosas, la Autoridad y CIRO One Salinas LLC (“CIRO”) presenten ante el Negociado de Energía informes mensuales de progreso sobre el estatus del Proyecto (el “Informe de Progreso Mensual”).

3. El 9 de febrero de 2022, el Negociado emitió una *Resolución y Orden* (“Orden del 9 de febrero”) mediante la cual, entre otras cosas, ordenó que la Autoridad y CIRO debían presentar

los Informe de Progreso Mensual firmados por oficiales de cada entidad e informar la fecha de su preparación.¹

4. En cumplimiento con la Resolución Final y la Orden de 9 de febrero, la Autoridad presenta el Informe de Progreso Mensual titulado *Project Monthly Status Report* correspondiente a octubre de 2022. Exhibit A.

POR TODO LO CUAL, la Autoridad solicita respetuosamente al Negociado de Energía que tome conocimiento de lo aquí informado, acepte el Informe Mensual y determine que la Autoridad ha cumplido con la Resolución Final.

RESPETUOSAMENTE SOMETIDO.

En San Juan, Puerto Rico, este 11 de noviembre de 2022.

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¹ El Informe de Progreso Mensual se presenta según CIRO lo prepara y remite a la Autoridad.

Exhibit A

Project Monthly Status Report

Project: CIRO One Salinas, LLC.
Date: October 2022
Recipients: Puerto Rico Electric Power Authority (PREPA)
Puerto Rico Energy Bureau (PREB)

Brief: Project Team Monthly Status Report - As required on Section (d) of Article 4.1 of the Power Purchase and Operating Agreement (PPOA) between Puerto Rico Electric Power Authority and Ciro One Salinas, LLC. dated as of July 14, 2021.

Reference: Report Content Overview

1. Material Updates and Critical Issues – Summary of material updates and critical issues that could impact the project development and/or construction.

2. Review the status of each significant element of the Project Schedule

- I. Permitting
- II. Engineering
- III. Procurement
- IV. Construction
- V. Project Milestones & Notice Requirements

3. Corporate Responsibility / Community Involvement

- I. Local Vendors / Services
- II. Domestic Content (Corporate Wide)

4. Next Steps: Action Items

Status Report:

Tasks and Milestones Table Legend

 Complete	 In Progress	 Not Started
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1. Material Updates and Critical Issues: Summary of material updates and critical issues that could impact the project development and/or construction.

I. Material Updates: Since the last monthly status report.

- **General:**
 - Ciro One Salinas (COS) Project Team has continued to work with LUMA, PREPA, engineers, suppliers and Contractors (General and Local) to complete engineering of the facility, and place purchase orders for pending components (see material updates below).
 - Several interconnection studies meetings have been held.
 - Development initiatives have continued as reported (see below)
- **Section II: Engineering** (Refer to SECTION II for details)
 - All other engineering initiatives have been completed, except for:
 - Overhead transmission line design – **This phase of the design was stopped by the project stakeholders.**
 - There is a change in the interconnection scope given the identified conditions on the PREPA right of way.
 - Interconnection facilities (inside PREPA Facilities) – **This phase of the design was stopped by the project stakeholders.**
 - Pending review of the interconnection strategy by LUMA.
 - PSSE model and PPOA Deliverable package was submitted to PREPA and LUMA – Waiting on feedback and acceptance.
- **Section III: Procurement** (Refer to SECTION III for details)
 - Delivery of certain project components has continued. The value of equipment is around \$65 Million.
- **Section IV: Construction:** (Refer to SECTION IV for details)
 - Additional resources were added to the Project Execution Team members.
- **Section V: Project Milestones & Notices Requirements** (Refer to SECTION V)
 - Recurrent Interconnection Studies Meetings are being held.
 - There are projected delays on the FNTP, COD, Substantial Completion and Final Completion milestones, based on the delays caused by the Critical Issues.
 - Continued with civil, structural & electrical construction.
- **Item #3. Corporate Responsibility / Community Involvement**
 - Project team has started engaging with local organizations and entities to define the Corporate Responsibility / Community Involvement plan initiatives.
 - Engagement of local vendors was updated.
- **Item #4. Next Steps: Action Items:** Section was updated based on pending initiatives and next steps.

II. Critical Issues: Outstanding issues that could potentially cause delays in the project timeline.

- The critical issues that have had an adverse impact on project timelines and overall schedule are as follows:
 - Interconnection Studies Payment approval.
 - Interconnection Studies completion.
 - Transmission Line Path – See Updates section below.
 - Point of Interconnection (POI) Scope of Work (SOW) – See Updates section below.
 - Hurricane Fiona.
- Updates:
 - The next critical path is the completion of the new interconnection strategy. The COS, LUMA and PREPA teams are collaborating to get this process completed on a timely manner.
 - PSSE model and PPOA Deliverable package was approved by PREPA and LUMA.
 - Given the reported Transmission Line Path and Point of Interconnection (POI) Scope of Work (SOW) issues, PREPA/LUMA decided to present an alternate interconnections (IC) strategy. The SOW of the updated IC strategy is still pending.
 - Kickoff “sectionalizer” (switchyard) meeting was held.
- A potential delay notification has been issued (weather, process delays, etc.)

2. Review the status of each significant element of the Project Schedule:

I. Permitting:

- Overview:

The CIRO One Salinas, LLC. project was fully permitted and considered shovel ready. All permits, studies and endorsements are being evaluated to ensure compliance with all new laws, applicable code changes, and regulations. The process is guided by the engineering review being performed by the Project Team (*see section II. Engineering*).

- Table: Tasks and Milestones include (but are not limited to):

Permit/Approval	Permit Authority	Status	Comments
Location Approval	Planning Board	✓	
Environmental Approval	ARPE, OGPE, DNER	✓	
Nationwide Permit (NWP) 14	USACOE	✓	
Endorsements	<ul style="list-style-type: none"> • Municipality of Salinas, • Hwy and Transportation Authority, • OGPE, • ICP, • PREPA, • Puerto Rico Telecommunications Regulatory Board, • PRASA, • Dept of Agriculture 	✓	Endorsements will be revised after engineering review has been completed.
NPDES General Permit	US EPA	✓	
Construction Related Permits	OGPE	✓	<ul style="list-style-type: none"> • Includes General Consolidated Permits, • Incidental Soil Movement Permits, and • Construction Permits

II. Engineering:

- Overview:

The engineering that was previously completed and approved by PREPA is being revised. The engineering package is being modified to ensure compliance with (among other):

- Changes in any laws and regulations.
- New local code guidelines.
- Updates in technology selection.
- New Minimum Technical Requirements (MTRs).

The Primary Contractor, DEPCOM Power, is working with the Project Team to define and approve new equipment requirements and bill of materials to advance procurement tasks (*see section III. Procurement*)

The table below provides information on all engineering areas previously completed that are under review/validation only.

- Tasks and Milestones include (but are not limited to):

Design / Study	Engineer of Record	Status	Comment
Floodplain Map/Review	CSA Architects & Engineers, LLP	✓	
Hydrology and Drainage Study	GLM Engineering-COOP Timmons Group	✓	
ALTA Survey	JAMS Land Surveying Services	✓	
Civil Design (PV Plant)	Timmons	✓	
Topo / LiDAR	Timmons Group	✓	
Geotech / Pile Testing (PV Plant)	Suelos, Inc GMTS, PSC	✓	
Corrosion Study	[EOR]	✓	
Cultural Study	AM Group	✓	
Environmental Site Assessment	NAYE Group/Kyros LLC	✓	
Structural Design (PV Plant – Racking)	Gamechange	✓	
Structural Design (PV Plant – Miscellaneous Foundations)	Buehler and Buehler Engineering	✓	
Electrical Design (PV Plant)	Hugo R. Durand Schettini, PE	✓	

III. Procurement:

- Overview:

The CIRO One Salinas Team decommissioned all equipment previously procured for the project to ensure compliance with new PREPA requirements for interconnection and adapt to new available technology. Project team will be placing purchase orders after the engineering review has been completed (please refer to table below for timelines).

- Tasks and Milestones include (but are not limited to):

Description	Vendor	Order Status	Delivery Status	Notes
Posts	GameChange	100%	100%	GameChange E/W Fixed Tilt System
Racking	GameChange	100%	0%	GameChange E/W Fixed Tilt System
MVAC Cable	WESCO	100%	99%	
Combiner Boxes	Olson	100%	100%	
DC Cable	WESCO	100%	100%	
Modules	HT-SAAE	100%	20%	HT-SAAE 450W Bifacial Module
BESS Equipment	VLI/Dynapower	100%	9%	
Power Conversion Stations	Ingeteam	100%	100%	Ingeteam Power Conversion Stations
GSU	WEG	100%	0%	

IV. Construction:

-Overview:

Agreements related to general contractors, subcontractors, engineering, and consultants with various entities are in process.

Construction activities have begun and progress is reported in the below table:

Construction Activity	% Complete
Clearing and Grubbing	36%
Site Grading	4%
Post Install	7%
Racking Install	0%
Module Install	0%
Combiner Boxes	0%
DC Cable	0%
AC Cable	7%
Power Conversion Stations	2%
BESS	1%
Substation	1%

- Key companies / Personnel include (but are not limited to):

Contractor	H/Q Location	Scope	Current Headcount	Peak Headcount	Local Hire Target	Veteran / Minority Target
DEPCOM	Arizona*	Site Oversight and Management	28	TBD	50%	30%
Lord Construction Puerto Rico	Puerto Rico	All Major Site Construction	65	TBD	100%	30%
Other - Various	Puerto Rico	Development, Finance, Engineering, Logistics, Adm., Owners Engineer and Reps, Legal,	29	TBD	75%	30%

*Supervision is from Arizona; all labor is hired locally.

V. Project Milestones & Notice Requirements:

Below find critical milestone dates and related Notice requirements:

Milestone	PPOA Required Date	COS Target Date	Progress	Comments
Kick off meeting between PREPA, LUMA and COS Project Team.	N/A	09/27/21	✓	Recurring Meetings are Being Held Between the Parties (see note below).
Interconnection Studies Meeting	After Interconnection Studies Payment	03/24/2022	✓	Recurring Meetings are Being Held Between the Parties (see note below).
Mobilization	N/A	Q2 2022	✓	Project Timeline is Being Revised to Set Mobilization Date (Status: on-target).
FNTP	8 months after Assumption Order*	06/14/22	✓	Estimated to be 30 days after mobilization date (subject to PREPA/LUMA deliverables) – Pending PREPA/LUMA validation.
Mechanical Completion		TBD	●	Projected timelines consider completion dates earlier than PPOA requirements.
Commercial Operation Date	24 months after FNTP	TBD	●	
Substantial Completion		TBD	●	
Final Completion		TBD	●	

*Based on Assumption Order Date of 12/08/21.

Note: COS Project Team is having weekly meetings with PREPA and LUMA personnel to advance the engineering, interconnection scope and other project related initiatives.

Note#2: All Timelines are currently under review.

3. Corporate Responsibility / Community Involvement

The CIRO One Salinas and DEPCOM Power Team has started the process of creating the community outreach and philanthropic plan as part of the established corporate responsibility goals. Meetings with certain local organizations and entities are being held in an effort to provide some level of community support. The project team is willing to take recommendations from all stakeholders to ensure an inclusive and impactful initiative.

I. Local Vendors / Services:

The project team is engaging local vendors for various support roles. The names of these businesses will be reported on future a monthly reports.

II. Domestic Content (Corporate Wide)

Component	% US	% ROW
Cable	100	0
Posts	65	35
Combiner Boxes	89	11
Racking	59	41
PCS	20	80
Modules	7	93
Balance of System	100	0
Labor / Management	100	0
Total	76	24

4. Next Steps: Action Items

- LUMA/PREPA to finalize interconnection related assessments, routes, and SOW definition.
- Complete the INTERCONNECTION STUDIES.
- PREPA/LUMA to continue the evaluation of the engineering submissions to provide feedback.
- PREPA/LUMA to provide responses to RFI's submitted by COS Project Team.

- PREPA/LUMA to provide response to PPOA deliverables and PSSE Model.
- Continue the weekly follow-up meeting with LUMA personnel (Technical).
- Continue the project mobilization.
- Finalize BESS PO Process (waiting on PSSE Model validation).

**CIRO One Salinas Project Team thanks you for your time and attention to the project initiatives.
Please let us know if there is anything we can do to improve!**

Submitted by:



Mario J. Tomasini
Authorized Representative
CIRO One Salinas
November 5, 2022

Revised by PREPA Representative:



F.santos (Nov 10, 2022 16:17 AST)

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November 10, 2022