



MARSHALLS ENERGY COMPANY INC.

P.O. Box 1439

Majuro, Marshall Islands MH96960

Telephone: (692) 625-3828 Fax: (692) 625 5886

E-mail: meccorp@mecrmi.net

RESPONSE TO QUESTIONS 02

Project Title	Design, supply and installation of new Switching Sub-station in Majuro
Source of Funding	1002/1003 RMI: Energy Transition Project
Contract Ref	ETP-P1-G-01: Design, supply and installation of new Switching Sub-station in Majuro
Date of Issue of Request	13 June 2025
Name of Purchaser	Marshall Energy Company, Inc. (MEC)
Quotation Submission Deadline	2 PM Majuro time on 22 October 2025

S.no	Question	Response						
1	As per number 3, A3 of the Response to Questions 01 clarification posted by MEC, please provide general documents of SCADA. This document was not attached with Response to Questions 01.	SCADA Documents are attached. SCADA is not part of the scope of this procurement.						
2	2.4.2(a) Experience in Key Activities We seek the following change: <table><thead><tr><th>Current Requirement</th><th>Requested Change</th></tr></thead><tbody><tr><td>For the above or other contracts executed during the period stipulated in 2.4.1, a minimum experience in the following key activities:</td><td>For the above or other contracts executed within the last 15 years, a minimum experience in the following key activities:</td></tr><tr><td>Sub-station assessment, condition mapping, design and construction including switchgear</td><td>Sub-station design and construction including switchgear</td></tr></tbody></table>	Current Requirement	Requested Change	For the above or other contracts executed during the period stipulated in 2.4.1, a minimum experience in the following key activities:	For the above or other contracts executed within the last 15 years, a minimum experience in the following key activities:	Sub-station assessment, condition mapping, design and construction including switchgear	Sub-station design and construction including switchgear	Plant 1S2E Section 3_MEC ETP Pkg02_Jun2025, 2.4.1 is amended as below: “Participation as a contractor, Joint Venture partner, or Subcontractor, in at least one contract that has been satisfactorily and substantially completed within the last 15 years years and that is similar to the proposed contract, where the value of the Bidder’s participation exceeds USD 5 M The similarity of the Bidder’s participation shall be based on:^{a,b} the physical size, nature of works, complexity, methods, technology or other characteristics as described in Section 6 (Employer’s Requirements) and Annexes I,II & III.” MEC will evaluate the experience on overall basis and assess coverage of scope. Minor deviations and exceptions will be considered..
Current Requirement	Requested Change							
For the above or other contracts executed during the period stipulated in 2.4.1, a minimum experience in the following key activities:	For the above or other contracts executed within the last 15 years, a minimum experience in the following key activities:							
Sub-station assessment, condition mapping, design and construction including switchgear	Sub-station design and construction including switchgear							
3	Clarification on Contractor’s Design Boundary Our understanding is that the design boundary for the proposed substation commences	Yes, your understanding is correct.						

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	at the cable entry point to two isolating transformers, with cable lengths of 400 meters and 300 meters respectively, and concludes at Feeder-1, Feeder-2, and Feeder-3, each with a 100-meter cable, all within the proposed substation site. Could you confirm if this interpretation aligns with the project specifications?	
4	Employer's Responsibilities for Demolition and Site Preparation We kindly request confirmation on whether the demolition of existing structures, dismantling of equipment, removal of debris, and site cleaning and leveling fall under the employer's scope.	The bidder must dismantle any equipment and building located within the areas allocated for the execution of his project assignment, such as construction of new substations, installation of Iso transformers, etc., as well as at distances that interfere with the infrastructure of the building or transformer, such as ventilation system of the building, fire extinguishing system, etc. The bidder must remove debris, clean and level the access area to what he has installed/built, substation building entrance or Cable channels for the MV/LV Cables project specified in Annex VII of the Bidding Document. The substation building site was previously the power company automotive and heavy equipment repair shop. There remains a flat concrete floor slab with zero excavations or pits. The repair shop was located in this location for approx. 40 years. Most of the existing floor slab will need to be removed to allow for foundation and the under building cable channels works. There are 14,000V cables buried on all four sides of the existing floor slab but none are closer than 1.5m to the edge of the building. Water and sewer pipes also exist along with communications cables and fiber optic cables. There are NO location drawings. The transformer locations are in a semi flat area with some existing underground services within the area. The cable channels will also run through these similar areas.
5	Soil Investigation Report and Underground Structures	i. There is no report for the site itself, but the site is reclaimed land utilizing dredged coral sands and rubble from the adjacent lagoon. The reclamation was

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	Could you provide the soil investigation report for the proposed substation site? Additionally, please confirm if there are any underground structures (e.g., piping or utilities) that may impact the project.	done in the 1970's and is well compacted. The fill material is up to 3+ meters deep and sits on top of natural hard coral reef structure ii. We are looking for any nearby location that has a report available. The site is part of a kilometer long area that was all reclaimed as one site in the 1970's. There are multiple larger sized building adjacent to the site, all built on the same reclaimed land. iii. The site was previously the power company automotive and heavy equipment repair shop. There remains a flat concrete floor slab with zero excavations or pits. The repair shop was located in this location for approx. 40 years. There are 14,000V cables buried on all four sides of the existing floor slab but none are closer than 1.5m to the edge of the building. Water and sewer pipes also exist along with communications cables and fiber optic cables. There are NO location drawings.
6	Construction Material Availability and General Pricing Would you kindly provide us the availability and general pricing of Cement, Concrete, Steel, Sand, Aggregates, Bricks and Blocks, and Stone in Majuro?	The Bidder must do their own due diligence on availability and price of construction material.
7	Please could you confirm the following for the new MEC Substation Project: Switch Gear CB insulation to be Air Insulation or Gas Insulation?	The insulation of the switchgear will be air-insulated
8	SCADA system connection to Switch gear hardware to include in the bid or not as license will be required to install the software.	SCADA for MEC power system is not part of scope; therefore, no connection to switchgear hardware shall be made in this package.
9	BESS spares to be provided in the package or not as lots of freight issues for supplying on time to the MICRONESIA area particularly via airfreight for this type of cargo.	Spare parts for the BESS can be packaged together with the main BESS equipment. Our advice is to supply extra items for all potential issues that you may be worried about to avoid any issues. Note: Majuro is the eastern side of Micronesia in an area called the Marshall Islands. The Marshall Islands

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		has more service flights and shipping than does the rest of Micronesia.
10	Clarification on Qualifications of Key Personnel We request the following changes to the relevant academic qualifications for the following personnel as described in Section 6, Subsection 8 Personnel requirements. This changes will help us to comply with all aspects of the submission. We have a lot of experience in this field and we hope we can convey that in our bid with requested changes. Project Manager - Minimum bachelors degree in civil, mechanical or electrical engineering from a recognized institution. Quality Assurance Manager - Minimum bachelors degree in civil, mechanical or electrical engineering from a recognized institution. Environmental Expert - Bachelors degree or experience in relevant field Social Safeguard Expert - Bachelors degree or experience in relevant field Health and Safety Expert - Bachelors degree or experience in relevant field	Minimum qualification requirements have been set in the bid documents. Firms are free to propose better qualified candidates to enhance the quality of their proposal. Requirement of minimum bachelor's degree is not relaxed.