
GOVERNMENT OF MONTSERRAT



REQUEST FOR PROPOSALS (RFP)

for

**The Economic Development of
Montserrat's Existing Geothermal Wells on
a Build, Own, Operate and Transfer
(BOOT) Basis**

November 2022

Contents

1	INVITATION TO BIDDERS	8
1.1	DEFINITIONS.....	6
1.2	BACKGROUND	9
1.3	MONTserrat ENERGY SECTOR POLICY	10
1.4	LEGAL AND REGULATORY FRAMEWORK FOR THEELECTRICITY SECTOR.....	11
1.5	RENEWABLE ENERGY CONTRIBUTION	11
1.6	ELECTRICITY DEMAND	11
1.7	NON-GUARANTEe OF DATA ACCURACY.....	12
1.8	PROCUREMENT PROCESS AND SCHEDULE	13
2	INSTRUCTIONS TO BIDDERS	14
2.1	REQUEST FOR PROPOSAL	14
2.1.1	GoM Communications with Bidders and Clarifications	14
2.1.2	Amendments to RFP.....	14
2.2	PREPARATION OF PROPOSAL	15
2.2.1	Joint Ventures	15
2.2.2	Language of Proposal	16
2.2.3	Cost of Preparing Proposals.....	16
2.2.4	Prior Submission by Prospective Bidders.....	16
2.2.5	Proposal Structure and Contents.....	16
2.2.6	Sites and Site Visits.....	18
2.2.7	Proposal Letter	18

2.2.8	Wells Ownership and Additional Exploration work	18
2.2.9	Description of Project and Technical Report	19
2.2.10	Special Requirements	19
2.2.11	Technical Proposal	21
2.2.12	Proposed Tariff.....	22
2.2.13	Supporting Cost Data.....	23
2.2.14	Financial Data.....	23
2.2.15	Breakdown of Construction Costs.....	24
2.2.16	Technical Specifications and Data.....	24
2.2.17	Additional Supporting Data	25
2.2.18	Performance Specifications and Drawings.....	25
2.2.19	Construction Schedule.....	25
2.2.20	Proposal Validity	25
2.2.21	Multiple and Alternative Proposals	26
2.2.22	Proposal Security.....	26
2.2.23	Pre-Bid Meeting	27
2.3	SUBMISSION OF PROPOSAL.....	28
2.3.1	Sealing and Labelling of Proposal	29
2.3.2	Deadline for Submission of Proposal	30
2.3.3	Treatment of Late Proposals.....	30
2.3.4	Modifications and Withdrawals	30
2.3.5	Status of Proposals	31
2.4	PROPOSAL OPENING AND EVALUATION.....	31
2.4.1	Opening of Proposals	31

2.4.2	Communication with Bidders After Proposal Opening.....	32
2.4.3	Confidentiality.....	32
2.4.4	Clarification of Proposals.....	32
2.4.5	Determination of Responsiveness	32
2.4.6	Correction of Errors	33
2.4.7	Evaluation of Proposals	34
2.5	DETERMINATION OF PROPOSAL RESPONSIVENESS	34
2.6	STAGE 1 EVALUATION – BIDDER’S ABILITY TOIMPLEMENT PROJECT	35
2.6.1	Evaluation Criteria – Stage 1.....	35
2.6.2	Track Record	35
2.6.3	Ability to Raise Financing for the Venture	35
2.6.4	Technical Capability and Qualification.....	36
2.6.5	Ability to Implement the Project in a Timely Manner	36
2.6.6	Stage 1 Evaluation Scores.....	36
2.7	STAGE 2A EVALUATION – TECHNICAL EVALUATION – 40% OF OVERALL SCORE.....	38
2.7.1	Evaluation Criteria – Stage 2A	38
2.7.2	Proposed Technology [10%]	39
2.7.3	Design of Project Facilities [25%].....	39
2.7.4	Arrangements for Construction [30%].....	39
2.7.5	Arrangements for Operation and Maintenance [20%].....	39
2.7.6	Ability to provide services to the Grid [19%]	40
2.7.7	Compliance with Environmental and Statutory Requirements	40
2.7.8	As per Exhibit 17, has Bidder provided a working electronic copy of its:	40
2.8	STAGE 2B EVALUATION – ECONOMIC EVALUATION – 60% OF OVERALL SCORE.....	40

2.8.1	Evaluation Criteria – Stage 2B - 60%	40
2.9	HIGHEST RANKED BIDDER	41
2.10	SELECTION CYCLE.....	42
2.10.1	Clarifications	42
2.10.2	Finalization of Project Agreements.....	43
2.10.3	Bidder’s Responsibilities.....	43
3	SECURITY PACKAGE AND FINANCING STRUCTURE.....	44
3.1	SECURITY PACKAGE	44
3.1.1	Granting of Licence.....	44
3.1.2	Principles of Power Purchase Agreement	44
3.1.3	Required Insurance Coverage	45
3.1.4	Government Approvals	45
3.1.5	Principles of Engineering, Procurement & Construction Agreement.....	45
3.1.6	Arrangement for Use of Site	46
3.1.7	Principles of Operation and Maintenance Agreement.....	46
3.2	FINANCING STRUCTURE	47
4	APPENDIX A: BIDDERS PROPOSAL AND SUPPORTINGDATA.....	48
4.1	EXHIBIT 1: PROPOSAL LETTER	49
4.2	EXHIBIT 2: AFFIDAVIT	51
4.3	EXHIBIT 3A: BIDDER’S ORGANISATION*	52
4.4	EXHIBIT 3B: ASSOCIATED ORGANISATION*	53
4.5	EXHIBIT 4: INFORMATION TO BE FURNISHED BY BIDDER *	54
4.6	EXHIBIT 5: INFORMATION TO BE FURNISHED BY UN-INCORPORATED ASSOCIATIONS *	56
4.7	EXHIBIT 6: DETAILED INFORMATION ABOUT BIDDER ¹	57

4.8	EXHIBIT 7A: PROJECT DESCRIPTION AND DATA	60
4.8.1	Plant Performance Guarantees	60
4.8.2	Description of Facilities	60
4.8.3	Location and Access to Site	60
4.8.4	Site Investigations	60
4.8.5	Site Ambient Conditions.....	60
4.8.6	Technical Report	61
4.9	EXHIBIT 7B: PROJECT DESCRIPTION AND DATA	61
4.9.1	Business plan.....	61
4.10	EXHIBIT 8A: SPECIAL REQUIREMENTS.....	62
4.10.1	Project Logistics.....	62
4.10.2	Use of Local Labour	63
4.10.3	Site Utilities.....	63
4.10.4	Accessing of Inputs	63
4.10.5	Regulatory and Statutory Compliance	63
4.10.6	Proposed Project Implementation Schedule.....	63
4.10.7	Layouts and Arrangements.....	63
4.11	EXHIBIT 8B: TECHNICAL SCHEDULE – Energy Generation Project	64
4.11.1	Performance Data	64
4.11.2	Drawings and Design Documentation.....	65
	Turbine	65
	Other Information.....	66
	Main Generators and Exciters	66
	11 kV and 415 V Switchboards	68

Standards Used	70
Control and Instrumentation	71
4.12 EXHIBIT 9: PROPOSED TARIFF AND/OR PROJECT FINACIAL INDICATORS	73
4.13 EXHIBIT 10: COST DATA IN SUPPORT OF TARIFF AND FINANCIAL INDICATORS	75
4.14 EXHIBIT 11: FINANCIAL DATA IN SUPPORT OF TARIFF	77
4.15 EXHIBIT 12: BREAKDOWN OF CONSTRUCTION COST	77
4.16 EXHIBIT 13: ADDITIONAL SUPPORTING DATA	78
4.17 EXHIBIT 14: PERFORMANCE SPECIFICATIONS ANDDRAWINGS	78
4.18 EXHIBIT 15: PROPOSED PROJECT SCHEDULE	78
4.19 EXHIBIT 16: DISCLOSURE	79
4.20 EXHIBIT 17: PROPOSED INTERCONNECTION DATA	79
5 APPENDIX B: NOTICE OF RECEIPT OF REQUEST FORPROPOSAL	80
6 APPENDIX C: SOURCES FOR ADDITIONAL INFORMATION	81
7 APPENDIX E: FORM OF CREDIT REPORT	82
Credit Report	82

1 INVITATION TO BIDDERS

- 1st. The Ministry of Communication, Works, Labour and Energy (MCWLE) hereby invites interested entities to submit proposals for the Economic Development of Montserrat's existing Geothermal Wells on a Build, Own, Operate and Transfer (BOOT) Basis.
- 2nd. Bidders may submit proposals for the supply of a plant with a minimum capacity of 1.5 MW (Net) of Geothermal energy electricity generation to be sold to the incumbent electricity provider, Montserrat Utilities Ltd (MUL) and projects that involves the use of geothermal resource (direct use, mineral extraction, etc) that aids in improving the business case for the overall project. Plant design ratings should be based on the chosen site's ambient conditions. Bidders submitting proposals beyond 1.5MW of firm capacity or systems that would generate in excess of 11 GWh annually would be required to submit business proposals geared at consuming excess energy beyond 11 GWh annually. For dispatch purposes, individual generation units should not be sized greater than 2.5 MW. All proposals that is augmented with non-electricity generating proposals are required to submit a detailed business plan for the non-electricity component of the proposal.
- 3rd. Proposals should be submitted in accordance with this RFP and all submissions will be evaluated in accordance with the criteria specified herein. The Bidder is also required to make full and frank disclosure of any liabilities, litigation (pending and/or active), fiduciary obligations, debts, etc. that could reasonably be expected to materially affect the Bidder's ability to arrange the necessary financing and contractual agreements, or its general ability to successfully implement the proposed project.
- 4th. Requests for additional information, including information on the existing geothermal wells and the Montserrat Utilities Limited (MUL) owned generating facilities and operations, and/or questions concerning this Proposal exercise, may be submitted in writing to:

Subject: RFP for the Economic Development of Montserrat's Existing Geothermal Wells
Senior Procurement Officer
Procurement Department
Ministry of Finance and Economic Management
P.O. Box 292, Brades, Montserrat, MSR1110

Facsimile: 664-491-2367

E-mail: thomasa@gov.ms and copy fentonn@gov.ms

6th. Proposals must be marked “The Economic Development of Montserrat’s Existing Geothermal Wells on a Build, Own, Operate and Transfer (BOOT) Basis” and deposited in the Tender Box provided at the address below by **12:00 pm Eastern Standard Time (EST) on 12 April 2023** or via myTenders Portal at <https://www.mytenders.co.uk/>

7th. Submissions can be made physical or electronically. Submission of sealed Proposals is required. Late Proposals will be rejected. A soft copy of the Proposal in searchable PDF format or equivalent, and a functional electronic copy of the Tariff Model in a Microsoft Excel spread sheet or compatible format are to be provided with each submission.

8th. Bidders are invited to attend a virtual opening of the Proposals which will be streamed from the HRMU Training Room at 2:15 p.m. EST 12 April 2023.

9th. Thank you for your interest and we look forward to receiving your Proposal.

INFORMATION FOR BIDDERS

1.1 DEFINITIONS

The following terms will have the meanings defined herein:

Term	Definition
Bidder	Entity (corporation, partnership, or consortium) that submits a Proposal to develop the Project.
Business Day	A Day on which business by and between banks may be carried on in Montserrat, but in no event shall it include a Saturday or Sunday or Public Holidays.
Conversion Rate	The weighted average sales rates for Dollars as published by the Eastern Caribbean Central Bank (ECCB) in the daily foreign exchange summary for the last Business Day of the Month for which payment is due.
Day	Unless otherwise specified, "Day" shall mean a calendar day.
Dependable Capacity	The amount of sustained capacity in kilowatts from the facility after commissioning, as determined by periodic testing.
Facility/ Complex	Combination of Plants, buildings and equipment at a particular location used to generate electricity from Geothermal energy sources for supply to the national grid.
Firm Capacity	An amount of electrical power that can be guaranteed and made available to the grid for dispatch outside of an accepted maintenance schedule.
Fixed Payment	The component of the monthly invoice submitted to MUL for payment to the operator of a Facility for the supply of energy which accounts for the provision of Dependable Capacity.
Generation Code	The guiding principles, operating procedures and technical standards governing operation of the Montserrat Utilities Limited.
Generating Unit	Smallest individual generator including its auxiliaries.
Geothermal Wells	Geothermal Wells namely; Mon 1, Mon 2 and Mon 3.
Government or GoM	Government of Montserrat.

Term	Definition
Grid	The network system for transmission and distribution of electricity by which the public receives electricity service.
Grid Impact	The additional network cost to facilitate the plant on the Transmission system beyond the interconnection works.
GWh	Gigawatt hour
Highest Ranked Bidders	Bidders who have submitted Proposals which have been ranked highest evaluated Proposals as determined in accordance with Section 2.9 of the RFP.
IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronics Engineers
Montserrat Utilities Limited	A vertically integrated electric utility and the sole retailer of electric power on Montserrat operating under the Licensing of Utility Service Act 2013
kV	Kilovolt
kW	Kilowatt
Licence	The Licence granted by the Minister pursuant to Section 3 of the Electric Lighting Act, or such other legislation in replacement thereof, which authorizes the power provider to generate and supply electricity.
MW	Megawatt
Minister	Minister of Communication, Works, Labour and Energy
Ministry	Ministry of Communication, Works, Labour and Energy
MVA	Megavolt Ampere
MCM	Thousands of circular mils
Net Energy Output	Net energy delivered from the Facility to the Grid at the point of interconnection between the Facility and the Grid.
O&M	Operation and Maintenance.
Plant	Combination of Generating Units.

Term	Definition
Power Purchase Agreement or PPA	Agreement to be entered into by MUL and the Project Company governing the supply and purchase of electricity from the Facility, and substantially in the form set out in Appendix F.
PPB	Public Procurement Board
Project	The design, financing, construction, ownership, operation and maintenance of a Facility and all activities incidental thereto.
Project Agreements	Collectively, the Power Purchase Agreement, Licence and all other related agreements necessary for development and operation of the Project.
Project Company	A company duly incorporated under the laws of Montserrat which will assume legal and financial responsibility for building, owning, operating the Project.
Project Sponsor	A Bidder whose project has been selected for grant of License in accordance with the RFP evaluation criteria in section 2.6.
Proposal	A written offer in response to and based on the covenants, terms and conditions of this RFP for building, owning, and operating the Project.
Proven Generating Technology	Power generation technology that meets the local statutory and environmental standards and that has been in successful commercial operation for at least three (3) years.
Request for Proposal or RFP	Collectively, all the information, instructions, covenants, terms and conditions contained in this document, including all sections, exhibits, appendices, addenda and associated documents.
SCADA	Supervisory Control and Data Acquisition.
Security Package	The documents and agreements outlined in Section 4 of this RFP.
Site	The land and other places to be used by the Project Company for the construction, operation and maintenance of the Project.
Tariff Model	A functional unprotected, fully accessible and fully editable electronic spreadsheet(s) in a Microsoft Excel spreadsheet or compatible format that demonstrates the relationships between the inputs, conversion factors, organizational overheads, profit margins, any other considerations and the respective outputs which represents the proposed tariff for a Project.

BACKGROUND

- 10th. Montserrat is a British Overseas Territory and is a small island developing state in the Caribbean Sea with a population of about 4,626 (2020 Est.) people. It is located among the string of islands known as the Lesser Antilles and between the neighbouring French territory of Guadeloupe to the south-east and Antigua to the north-east. Montserrat is referred to as the “Emerald Isle” due to its lush green landscape and natural beauty.
- 11th. Montserrat’s power system, like most islands in the Caribbean, currently relies heavily on costly diesel imports to generate electricity. The power system is operated by Montserrat Utilities Limited (MUL), a private company owned by Government of Montserrat. The total existing installed capacity is 7,465 kW with 7,215 kW being diesel-based generation and 250 MW of Solar PV. Additionally, a 750 kW with 1.088 MWh Battery Energy Storage System (BESS) solar system will be commissioned before the end of 2022. Montserrat has some of the most expensive electricity rates in the Caribbean region. In 2021, the average cost was approximately US\$0.44/ kWh, creating hardship for the citizenry and stifling local businesses. Therefore, improving the power generation mix in order to reduce the cost and volatility of electricity have become a development priority for Montserrat with the government aiming to achieving 100% electricity generation from renewable energy by 2030.
- 12th. To address the volatility and high cost of diesel generation, diversification of the country’s generation mix towards renewables has become of paramount importance. The Government of Montserrat is currently pursuing the development of geothermal, solar PV and wind energy resources. The Government of Montserrat with donor funding from DFID has successfully implemented the drilling and testing of two (2) production wells (Mon 1 and Mon 2) within the Cork Hill area. Drilling activity on these wells was concluded in 2014. Both wells are estimated to produce approximately 2 MW of electricity each dependent on plant technology. A third well Mon 3 was dug in 2016 but encountered some technical challenging during the drilling phase and would require some remedial work to complete.
- 13th. MCWLE has portfolio responsibility for the energy sector and, as such, has the role of formulating and promulgating the implementation of Montserrat’s energy policy. The Montserrat Energy Policy 2016 – 2030 MEP has identified converting Montserrat into a world-class example for renewable energy use, providing secure energy supplies at internationally competitive prices and a small carbon footprint, capable of supporting medium- and long-term economic growth, social development and environmental sustainability. The request for supply of electrical energy and/or capacity from renewable sources embodied in this RFP is inkeeping within GOM’s

efforts to achieve the targets set in the MEP for incorporation of renewable energy sources in the island's energy mix.

- 14th. The electricity sector is comprised of a vertically integrated state own company, the Montserrat Utilities Limited (MUL), that owns the transmission and distribution grid and accounts for 100% or 8,215 MW of the total generating capacity on the national grid.
- 15th. The full complement of MUL's production capacity consists of five (5) diesel power generating units totalling 7,215 kW and a 250 kW Roof-top Solar PV system located at the Brades power station, and a 750-kW ground mounted Solar PV system with a 1.088 MWh Battery Energy Storage System (BESS) at Lookout.
- 16th. MUL is currently serving a population of just over 4,500. At the end of 2021, MUL had a customer base of three thousand, seven hundred and ninety-three (3,793) including residential (3,028), commercial (722), industrial (5), and others (38) consumers.
- 17th. In 2021 the annual sales recorded by MUL was 12 GWh. To date, the highest peak demand registered on the system was 2.49 MW.
- 18th. Power is transmitted at 11 kV and distribution at 415V 3ph, 240 1ph. Total system losses are now at approximately eleven percent (11%).

1.2 MONTERRAT ENERGY SECTOR POLICY

- 19th. The Montserrat Energy Policy 2016 – 2030 can be accessed on Government of Montserrat's website as follows:

<https://www.gov.ms/wp-content/uploads/2020/07/The-Power-to-Change-MNEP-Cabinet-Approved.pdf>

Further information is available via Drop Box

Drop Box Link:

<https://www.dropbox.com/sh/mk2fv202tvxyvuv/AAAJ48YO8IAiQJAj0yi30Dmza?dl=0>

1. Draft Geothermal Energy Power Purchasing Agreement
2. MNI – Geology Well Logging Injection Testing Report
3. MON Long term test Report –Final version 4
4. Well completion Report Mon-1 & Mon

Contact thomasa@gov.ms for further details

1.3 LEGAL AND REGULATORY FRAMEWORK FOR THE ELECTRICITY SECTOR

20th. The legal and regulatory framework governing Montserrat's power sector is currently contained in and regulated pursuant to the following:

- Licensing of Utility Services Act (<https://www.gov.ms/wp-content/uploads/2020/06/Licensing-of-Utility-Services-Act.pdf>)
- Montserrat Utility Ltd (MUL) Act (<https://www.gov.ms/wp-content/uploads/2020/06/Montserrat-Utility-Ltd-MUL-Act.pdf>)

21st. These documents are available for viewing and may be downloaded from the GoM website (<https://www.gov.ms/wp-content/uploads/2020/06/Licensing-of-Utility-Services-Act.pdf>)

1.4 RENEWABLE ENERGY CONTRIBUTION

22nd. In the Montserrat electricity system, renewable energy generation is supplied mainly by solar energy.

23rd. In 2021, annual generation from renewable energy sources accounted for approximately 3.2% of total system generation. This contribution is expected to increase to 13% in 2022 when the 750 kW Solar comes online.

1.5 ELECTRICITY DEMAND

24th. Electricity consumption in Montserrat is dictated by the pattern of daily economic and domestic activities. The current all-time high (post volcanic eruption) peak demand was 2,490 kW.

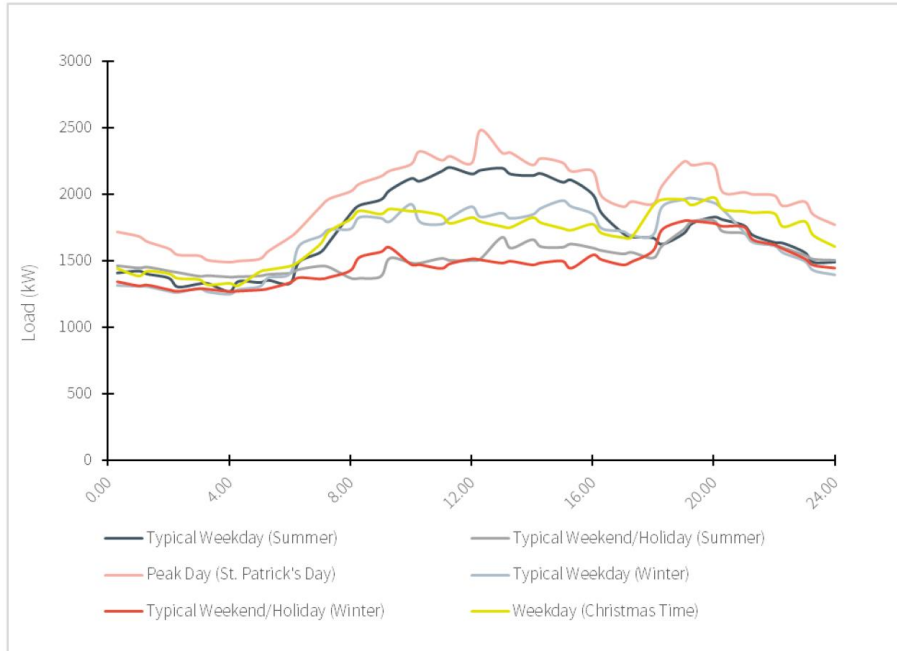


Figure 1 Typical Load Profile for MUL, for weekdays, Saturdays, Sundays and Holidays in Summer, Winter, Christmas, and St. Patrick’s Day. Source HATCH IRP Report

1.6 NON-GUARANTEE OF DATA ACCURACY

25th. All information and data provided by the GoM with this RFP are furnished solely for the convenience of the Bidder and are not intended as representations or warranties. The Bidder assumes all risks associated with the Project, and no adjustments will be provided or made based on the Bidder's interpretation of the information provided.

The following documentation will be shared with participants who express an interest in submitting proposals:

1. Well Completion Report Mon1 and Mon2
2. Drilling of Well Mon-3 from surface down to 2,668m: Geology, Well Logging and Injection Testing Report
3. Montserrat Geothermal Wells Long Term Test Report
4. Assessment of underground cable versus overhead line

1.7 PROCUREMENT PROCESS AND SCHEDULE

26th. The proposed process and timetable are as follows:

No	ACTIVITY	DATE
1	Issue of Request for Proposal	8 November, 2022
2	Pre-bid meeting and Site Visit	16 December, 2022
3	Deadline for Submission of Proposals by Bidders	12 April, 2023
4	Complete Evaluation of Proposals	10 July, 2023
5	Notify Highest Ranked Bidders	26 July, 2023
6	Complete negotiation of Project Agreements	11 September, 2023
8	Begin Construction	11 December, 2023
10	Proposed Commissioning Date	12 July, 2024

2 INSTRUCTIONS TO BIDDERS

2.1 REQUEST FOR PROPOSAL

2.1.1 GoM Communications with Bidders and Clarifications

27th. Except as otherwise specified in this RFP, the GoM will not enter into any communications with Bidders and prospective Bidders in connection with this procurement except to provide clarification regarding the RFP and the procurement process. GoM will respond in writing to any request for clarification where such written request for clarification is received not later than fourteen (14) Days before the deadline for submission of Proposals. Any Bidder or prospective Bidder requiring clarification on the RFP or procurement process may notify GoM in writing at the address indicated below:

The Economic Development of Montserrat's Existing Geothermal Wells

The Chairperson

Public Procurement Board

Ministry of Finance and Economic Management

P.O. Box 292, Brades, Montserrat, MSR1110

Facsimile: 664-491-2367

E-mail: thomasa@gov.ms and copy fentonn@gov.ms

28th. PPB's reply to requests for clarification submitted in accordance with this RFP shall be in the form of a circular letter or Addendum which will be posted on the Government of Montserrat website (www.gov.ms) and the myTenders portal.

2.1.2 Amendments to RFP

29th. No later than fourteen (14) Days prior to the deadline for submission of Proposals, PPB may issue Addenda on its website as well as the myTenders portal which may delete, modify, or extend any provision of the RFP. All prospective Bidders are therefore expected to check the website regularly for updates, clarifications and Addenda. Upon submission of a Proposal, Bidders are deemed to have read all Addenda issued in respect of the RFP. Additionally, Bidders are required to

acknowledge receipt of all Addenda in their Proposal. The Bidder's late receipt of any Addendum or failure to read any Addendum shall not relieve the Bidder from being bound by the information, terms and conditions contained therein.

- 30th. Unless the clarification or amendment to the RFP is in the formal manner described above, no representation or explanation to Bidders shall be considered valid or binding on GoM as to the meaning of any provision of the RFP or as to the Project. Bidders are cautioned that no employee of the GoM or consultant to the GoM is authorized to explain or provide an interpretation of the RFP except as provided in this RFP, and that any interpretation or explanation, if not given in writing by the GoM pursuant to Section 2.1.1, must not be relied upon.
- 31st. In order to afford Bidders reasonable time in which to take a clarification or amendment into account in preparing their Proposals, PPB may, at its discretion, extend the deadline for the submission of Proposals.

2.2 PREPARATION OF PROPOSAL

2.2.1 Joint Ventures

- 32nd. Bidders may form a joint venture for the purpose of submitting a Proposal and shall then also comply with the following requirements:
- One of the partners shall be nominated as the managing partner and this authorization shall be evidenced by submitting a Power of Attorney signed by legally authorized signatories of all the partners;
 - The managing partner shall be authorized to bind, incur liabilities and receive instructions for and on behalf of any and all partners of the joint venture;
 - All partners of the joint venture shall be jointly and severally liable for the actions of the joint venture and the managing partner, and a relevant statement to this effect shall be included in the agreement entered into by the joint venture partners.
 - A copy of the agreement entered into by the joint venture partners shall be submitted with the Proposal.

2.2.2 Language of Proposal

33rd. The Proposal and all related correspondence and documents shall be written in the English language. Supporting documents and printed literature furnished by the Bidder with the Proposal may be in any other language provided they are accompanied by a certified translation in the English language. Supporting materials which are not translated may not be considered. For the purpose of interpretation and evaluation of the Proposal, the English language translation shall prevail.

2.2.3 Cost of Preparing Proposals

34th. The Bidder shall bear all costs associated with the preparation and submission of its Proposal and the finalization and execution of the agreements comprising the Security Package. GoM will not be responsible or liable for these costs, regardless of the conduct or outcome of the procurement process.

2.2.4 Prior Submission by Prospective Bidders

35th. Bidders are required to return the Receipt at **Appendix B** to confirm their intention to submit a Proposal and are encouraged to do this promptly **by 2 December 2022** in order to be included on the GoM mailing list of prospective Bidders who will receive responses to queries, any Addenda to the RFP and other instructions directly from GoM. However, Bidders still have the primary responsibility to visit the GoM's website on a timely basis to ensure that they have received any new or updated material.

2.2.5 Proposal Structure and Contents

36th. Bidders shall submit all information and documents described in or required by this RFP, including its annexes, exhibits and appendices in its Proposal.

37th. The information required in the Proposal as set out in Appendix A includes the following:

Exhibit 1	Proposal Letter
Exhibit 2	Affidavit
Exhibit 3A	Bidder's Organization
Exhibit 3B	Associated Organization

Exhibit 4	Information to be furnished by Bidders
Exhibit 5	Information to be furnished by Unincorporated Association
Exhibit 6	Detailed Information to be furnished by Bidder:
	Annex A Articles of Incorporation, etc.
	Annex B Certificates of Registration
	Annex C Curriculum Vitae of Key Personnel
	Annex D Technical Capabilities
	Annex E Project Experience
	Annex F Audited Financial Statements
	Annex G Valid Tax Compliance Certificate
	Annex H Credit Report
	Annex I Anti-Collusion Certificate
Exhibit 7A	Project Description, Data and Feasibility Report
Exhibit 7B	Business Proposal
Exhibit 8A	Special Requirements
Exhibit 8B	Technical Schedules
Exhibit 9	Proposed Tariff
Exhibit 10	Cost Data in Support of Tariff Proposal
Exhibit 11	Financial Data in Support of Tariff Proposal
Exhibit 12	Breakdown of Construction Costs
Exhibit 13	Additional Supporting Data
Exhibit 14	Project Performance Specifications and Drawings
Exhibit 15	Proposed Project Schedule
Exhibit 16	Disclosure
Exhibit 17	Interconnection Schedule

- 38th. For the purpose of determining the experience and technical capability of a Bidder comprised of more than one entity, including an unincorporated association, the experience and technical capability of each member shall be combined for evaluation.
- 39th. For determining the combined financial capability of a Bidder comprised of more than one entity, including an unincorporated association, each member shall complete and submit “**Annex F of Exhibit 6 – Audited Financial Statements**” for evaluation.
- 40th. The Bidder must submit a substantially responsive Proposal, i.e. one which conforms to all terms, conditions and specifications of the RFP without material deviation or reservation. Failure to comply with this instruction will result in disqualification of the Bidder.

- 41st. Where applicable, the Bidder must prepare the Proposal by completing the exhibits, annexes and appendices. All items to be entered in the prescribed forms contained in the exhibits, annexes and appendices shall be typed or written in indelible ink. If necessary, additional sheets may be attached to the Proposal.
- 42nd. Each page of the Proposal, including the annexes, exhibits and appendices, should be initialled by a person or persons duly authorized to sign on behalf of the Bidder and any associated individuals or companies. Such authorization shall be indicated by one or more written powers-of- attorney.
- 43rd. A Proposal may be rejected if it is illegible or contains omissions, erasures, alterations, additions, or irregularities; except for those alterations necessary to correct errors made by the Bidder, in which case such corrections shall be initialled by the person or persons signing the Proposal.

2.2.6 Sites and Site Visits

A site visit will be conducted on the **16 December, 2022**. Attempts would be made to livestream the site visit for the benefits of interested parties that are unable to attend the site visit.

- 44th. The Bidder shall be responsible for all matters relating to the siting of its proposed Facility. The Bidder is advised to thoroughly investigate their proposed Sites, conditions and surrounding areas, interconnection and obtain or verify all information necessary for the preparation of its Proposal.
- 45th. The Bidder should consult with the relevant government agencies in order to get all necessary approvals and agreements required for implementation of the proposed Project.
- 46th. Failure to fully investigate their Site shall not be deemed as acceptable grounds for the Bidder to subsequently alter its Proposal.

2.2.7 Proposal Letter

- 47th. The Bidder shall complete the Proposal Letter and provide the necessary Power(s) of Attorney as required. The Bidder shall also provide the Proposal Security in the form indicated.

2.2.8 Wells Ownership and Additional Exploration work

- 48th. The ownership of the three existing Wells will continue to be owned by the

Government, however these Well be placed in the care of the preferred bidder to be economically develop at no cost. All the necessary works to developed these wells and the future maintenance will be the responsibility of the preferred bidder. In the event that additional drilling activities are required to maximize the output from the existing wells, these will be conducted at the expense of the preferred bidder.

2.2.9 Description of Project and Technical Report

49th. The Bidder shall provide a Technical Report in accordance with **Exhibit 7A**.

2.2.10 Special Requirements

Plant Configuration

50th. The request is for a minimum of 1.5MW (Net) of generating capacity. Bidders shall be guided by the national Generation norms and the MUL Interconnection Guidelines.

51st. Interconnection

With the construction of the Brades power station, provision was made for the interconnection of power from the geothermal plant to the national grid. Switchgear are in place for the injection of power into the grid from a geothermal plant. The total route length from the Geothermal Production Sites to Brades Power Station is approximately 11.7km. It is recommended that the connection from the Geothermal Power Generation Plant to Brades Power Station should be by means of an underground cable with a number of power take-off distribution points (by means of Ring Main Units) along the route. It is recommended that the cables should be in ducts under the road for the majority of the route. The ducts are already installed over approximately 6.9km of the route. It is further recommended that, in so far as it is possible, cable runs should be from Ring Main Unit to Main Unit, thereby reducing/eliminating the need for cable joints, which would be potential points of failure. Respondents are strongly recommended to consult with MUL on the proposed location and capacity for Ring Main units. The cost associated with these units should be indicated separately from the bid price.

There are some technical considerations that arise when there is a power source at either end of the proposed new link. Where previously the power flow was uni-directional out from Brades Power Station, after this proposed new connection is established, power could be fed in either direction. Also, the potential of paralleling the power sources introduces the need for proper sharing of real power (MW) and reactive power (MVAR) between the two stations, a need that has not existed up to now. Hence, it will be necessary to install

two fiber optic cables between Brades Power Station and the geothermal power generation plant, to provide interlinked communications, data transfer, tripping and control. Each fiber optic cable should be installed in a separate communications cable duct. Consideration to establishing a back-up communication system should also be given in the event that the fiber optic cable connection is lost.

Logistics

52nd. The Project Sponsor/Project Company shall be responsible for all material and equipment shipment(s) into Montserrat for the Project. The Bidder shall identify and verify the sufficiency of port facilities, transportation networks, customs requirements, taxes, duties, fees and visas required to implement the Project. Bidders should contact the relevant public bodies including the Montserrat Port Authority, Montserrat Customs and Revenue Services, Department of Labour for further details.

53rd. The Project Sponsor/Project Company shall be responsible for all matters relating to use of local labour and shall recognize the rights of local labour, including the right to form or belong to trade unions. The most recent Labour codes can be found via the link below:

<https://www.gov.ms/wp-content/uploads/2020/02/Labour-Code-2012.pdf>

Site Utilities

54th. The Project Bidder shall, at its own expense, arrange for, develop and maintain utilities at the Site to execute the Project, including but not limited to:

- Potable Water;
- Sanitary and Sewerage Facilities;
- Telecommunications services;
- Construction Power.

Inputs

55th. The Project Bidder shall make its own arrangements for the procurement of all inputs required for completion and operation of the facility.

Environmental and Statutory Requirements

56th. Bidders are required to submit an initial environmental impact report indicating expected impacts on the physical, ecological and socio-economic environments.

57th. The Project Sponsor shall ensure that the Project satisfies all applicable environmental and statutory requirements and will be required to provide a full Environmental Impact

Assessment Report in conformance with the requirements of the relevant government agencies prior to commencement of construction.

Project Milestone Schedule

58th. The Project Bidder shall supply the GoM with a detailed Project Milestone Schedule and shall commence construction of the facility on the date agreed with the GoM and shall complete construction in accordance with the specified deadline.

2.2.11 Technical Proposal

59th. Bidders shall provide a Technical Proposal which, at a minimum, covers the following

- 1) Site Organization, including, but not limited to:
 - a) Project organization chart.
 - b) Site organization chart showing personnel names, roles and responsibilities.
 - c) Estimated number of Contractor's staff on site during various phases of the project on a quarterly basis, including estimated number of local labour and services components.
 - d) The Contractor shall where practical maximise the use of local Montserratian labour, suppliers and services during the execution of the project. Local Montserratian labour shall include non-skilled, semi-skilled and skilled labour as well as Montserrat based service providers. Service providers shall include labour hire companies, local civil contracting companies, catering and transport services and the like. Furthermore, Bidders shall provide a methodology statement on how local labour, suppliers and services will be sourced and engaged as well as the proposed conditions of engagement.

- 2) Method Statement, including, but not limited to:
 - a) General methodology and approach to deliver the project with particular attention pay to ensuring sustainability and limiting the environmental impact of the project
 - b) Propose Interconnection with national grid
 - c) Methodology of transport and handling plans to deliver major equipment to site.
 - d) Reinjection line construction methodology
 - e) Water supply and construction power supply.

- f) Lifting and handling of turbine / generator / stator.
- 3) Project Execution Schedule in MS Project GANTT chart format including, but not limited to:
- a) Mobilisation schedule including key personnel.
 - b) Construction Schedule showing main task dependencies with sufficient detail of the project activities including main construction and delivery milestones.
- 4) Contractor's Environmental Social Management System (C-ESMS)
- a) The Bidder shall submit Environmental, Social, Health and Safety Management Strategies and Implementation Plans.
- In developing these strategies and plans, the Bidder shall have regard to the ESHS provisions of the Contract including those as may be more fully described in the Employer's Requirements described in **Section VII**.
- 5) Plant Description, including, but not limited to:
- a) General Plant Layouts and Arrangement including solution offered with respect to compliant technical alternatives in Specification.
 - b) A detailed description of the process plant proposed.
- 6) Contractor's Equipment Schedule, including proposed major equipment to be utilised by the Contractor in the construction of the project.
- 7) Proposed Subcontractors for Major Items of Plant and Installation Services
- 8) Others
- 9) Technical Schedules as detailed below.

2.2.12 Proposed Tariff

60th. The Bidder shall submit its proposed Tariff, which shall be for the execution and completion of the Project as defined in the Proposal, in accordance with **Exhibit**

9. Additional backup sheets and calculations shall be submitted as necessary to explain the Bidder's Tariff.

- 61st. The Bidder shall calculate its Tariff based on the following parameters:
- a. For Proposals offering electricity, the Plant will be accepted on the grid as available. The tariff shall be based on the capacity of the Plant and the expected capacity factor of the technology being offered.

For example: Proposed tariff in XCD cents per kWh broken out as, Base energy price, Base O&M price - subject to an inflation index.
- 62nd. The components of the Tariff that may be indexed after commencement of operation are set out in the table in Exhibit 9. The base for these will be the cost data to be provided by the Bidder in the Proposal and should be as of twenty-one (21) Days prior to the deadline for submission of Proposals. The Tariff should therefore be based on cost data as of twenty-one (21) Days prior to the deadline for submission of Proposals.
- 63rd. All assumptions regarding the costs of variables which will impact the Tariff are to be clearly stated.
- 64th. Expected costs associated with accessing the Site should be included.
- 65th. The Bidder shall comply with the customs duties, import controls and tax requirements and include these in the cost estimates.
- 66th. The Tariff and all associated costs shall be quoted by Bidders in East Caribbean Dollars. All payments will be made in East Caribbean Dollars.
- 67th. A detail business plan must be submitted with proposals that would generated over 11 GWh annually, the plan should indicate how the excess energy would be put towards a revenue generating entity and share of the same provided to GoM.

2.2.13 Supporting Cost Data

68th. The Bidder is required to provide the Cost Data requested as per **Exhibit 10** in support of its Tariff calculations.

2.2.14 Financial Data

69th. The Bidder is required to provide the financial information as per **Exhibit 11**. The Tariff calculations shall be based on the structure of financing defined in Exhibit 11, which allows the Bidder to prepare a financing structure with different levels of equity based on the proposed level of borrowing.

70th. In support of its Tariff calculations, the Bidder shall submit with its Proposal a functional electronic copy of a Tariff Model in a Microsoft Excel spreadsheet or compatible format. This model should include fixed and variable costs that incorporate the input costs, financing and output assumptions from which the proposed tariffs are derived. The Tariff Model should be able to do sensitivities, and a user guide should be attached.

2.2.15 Breakdown of Construction Costs

71st. Bidders are required to submit a detailed breakdown of capital costs as per **Exhibit 12**.

2.2.16 Technical Specifications and Data

72nd. The Bidder shall submit its proposed technical design which would allow the Facilities to meet the proposed minimum functional specifications to be included in the Power Purchase Agreement (PPA). Of necessity, the minimum functional specifications and other technical data will be made available to the grid operator.

73rd. Bidders should supply, and meet respectively *inter-alia* the following:Data:

- Expected net Plant(s) output profile with details of expected variations on a daily, weekly, monthly and annual basis as appropriate, according to expected ambient Site conditions;
- Design for proposed Generating Units, other proposed facilities and associated equipment;

Specifications

- Compliance with relevant environmental and statutory requirements;
- Electricity generating Plant(s) must be able to operate on the MUL network in parallel with other Generating Units;
- Electricity generating Plant(s) must be able to start and operate independently of the national grid;
- Electricity generating Plant(s) operating frequency should be 60 Hz, 3 Phase and 0.90 lagging and 0.95 leading power factor;
- High voltage is expected to be based on an acceptable entry point on the existing MUL's grid and required interconnection facilities must be included in the Proposal;
- Ability for the Plant to supply services to the network according to the Generation Code such as: reactive power (static and dynamic) for voltage control as required and frequency support, should the need arise;
- Vibrations, noise, gaseous emissions and effluents shall be at acceptable levels and comply with existing regulatory requirements;

- Fault levels and protection systems must be acceptable based on MUL's grid requirements;
- All utility requirements for interconnection with MUL's grid must be complied with, including those relating to the supply of reactive power.

2.2.17 Additional Supporting Data

74th. The Proposal shall address the specific items requested in Exhibit 13, entitled "Additional Supporting Data".

2.2.18 Performance Specifications and Drawings

75th. Detailed specifications and necessary drawings must be provided in accordance with **Exhibit 14**.

2.2.19 Construction Schedule

76th. The Proposal shall contain the Bidder's detailed schedule for the implementation of the Project in accordance with **Exhibit 15**.

2.2.20 Proposal Validity

77th. All Proposals shall remain valid for a period of **six (6) months** from the deadline for submission of Proposals. Any Proposal offering less than the stipulated Proposal validity will be rejected.

78th. Prior to expiry of the Proposal's validity period, GoM may request one or more of the Bidders to extend the validity of their Proposal and the Proposal Security for a specified period. The request and the responses thereto shall be made in writing. A Bidder may refuse the request without forfeiting its Proposal Security. A Bidder agreeing to the request will not be required nor permitted to modify its Proposal, but will be required to extend the validity of its Proposal and Proposal Security accordingly. The provisions of the RFP regarding discharge and forfeiture of Proposal Security shall continue to apply during the extended period of the Proposal validity.

2.2.21 Multiple and Alternative Proposals

- 79th. Bidders are permitted to submit more than one Proposal. Each such Proposal shall comply fully with the requirements of the RFP.
- 80th. In the case of multiple Proposals, each such Proposal shall be submitted separately and shall be evaluated independently of each other.
- 81st. For the avoidance of doubt, where a Bidder submits multiple Proposals any one or more of a Bidder's Proposals may be recommended for grant of Licence to supply electricity to the MUL grid. However, in the event that a Bidder submits a base or preferred Proposal and alternative Proposal(s), only one of these Proposals can be so recommended.
- 82nd. The attention of Bidders is drawn to the provisions regarding the rejection of Proposals which are not substantially responsive to the requirements of the RFP. Each Proposal and alternative Proposal must meet the critical requirements identified in the RFP.

2.2.22 Proposal Security

- 83rd. Each Bidder shall furnish, as part of its Proposal, a Proposal Security in the amount of half of a percent (0.5%) of the expected total capital cost of the proposed Project. Where a Bidder submits multiple Proposals, each such Proposal shall be accompanied by the required Proposal Security. However, in the case of a Proposal which consists of a base or preferred Proposal and one or more alternatives, the Bidder shall submit a Proposal Security valued at half of a percent (0.5%) of the Proposal or its alternatives with the highest total capital cost included in the set.
- 84th. The Proposal Security shall, at the Bidder's option, be in the form of a certified cheque, or an unconditional letter of credit, issued by a reputable financial institution.
- 85th. The Proposal Security shall be valid for six (6) months from the deadline for submission of Proposals.
- 86th. Any Proposal not submitted with a Proposal Security acceptable to the GoM shall be rejected.
- 87th. The Proposal Security shall be forfeited without any notice, demand, or other legal process:

- If a Bidder withdraws its Proposal during the period of Proposal validity; or
- If a Bidder's Proposal contains any false statements or material misrepresentations; or
- In the case of a successful Bidder, if it fails within the specified timelimits to:
 - Execute the Project Agreements, or
 - Furnish the required Performance Security.

88th. The Proposal Security shall be returned to a Bidder:

- In the event that the Proposal Security has expired;
- If the Bidder's Proposal is determined to be non-responsive to the RFP requirements;
- In the event that the Project Agreements have been concluded for the quota of 4 MW of power which has been filled by other Bidders; or
- In the event that the Bidder has executed the Project Agreements and has furnished the required Performance Security Deposit.

2.2.23 Pre-Bid Meeting

89th. The PPB intends to host a Pre-Bid Meeting on the date indicated in the procurement process and schedule set out in Section 1.8. Notice of the Pre-Bid Meeting will be published on the GoM's website and the myTenders portal.

90th. The purpose of the Pre-Bid Meeting is to answer any questions prospective Bidders may have concerning the RFP. Prospective Bidders may continue to submit questions concerning the RFP in writing to the PPB up to fourteen (14) Days before the deadline for Submission of Proposals. No further questions regarding the RFP will be entertained after that time.

91st. Any additional information or any modifications to the RFP will be made available by GoM exclusively through the issuance of a circular letter an Addendum to the RFP as published on the GoM's website and the myTenders portal.

92nd. Prospective Bidders are therefore **strongly encouraged** to submit their questions to the GoM as soon as possible.

2.3 SUBMISSION OF PROPOSAL

93rd. Bidders should read these instructions carefully before completing and submitting a bid. Failure to comply with these requirements for completion and submission of a Bid may result in the rejection of the Bid. Bidders are advised therefore to acquaint themselves fully with all the provisions of this document.

The priced information submitted in the Form of Proposal must include, (but should not be limited to cover) all the costs.

There are **two (2)** options available for submitting a Proposal:

Submitting a Proposal (Bid)

1. Electronic submissions can be submitted via the myTenders Portal at <https://www.mytenders.co.uk/>

If you are intending to make an **electronic submission** to this proposal, please register your interest on myTenders at the earliest opportunity. Please ensure that you allow sufficient time to upload your documents.

2. **Hard copies** can be submitted by hand – Please follow the instructions set out below.

Submitting a hard copy of your Proposal

You will need two (2) plain envelopes for the Proposal submission.

You must follow these instructions. Failure to do so may result in your Proposal being non-compliant and not considered any further.

Envelope 1.

Follow the steps written below:

- a. Write the name of the Bidder (Bidder, Supplier) on this envelope.
- b. Write the name of the project and the address on the envelope as written below:

RFP for the Economic Development of Montserrat's Existing Geothermal Wells

The Chairperson

Public Procurement Board

Ministry of Finance and Economic Management

P.O. Box 292
Brades
Montserrat, MSR1110

c. Now put this envelope into another plain envelope (Envelope 2)

Envelope 2 📁

Continue following the steps below:

Envelope 1 should now be inside this envelope (Envelope 2), seal the envelope and then write the Project Title and address for Proposal return:

RFP for the Economic Development of Montserrat's Existing Geothermal Wells

The Chairperson
Public Procurement Board
Ministry of Finance and Economic Management
P.O. Box 292
Brades
Montserrat, MSR1110

NB: Envelope 2 must not have the Bidder's name on it or any other markings.

Failure to comply with this requirement will lead to your submission being deemed non-compliant and not considered any further.

Proposals are to be delivered to the address above **by 12:00 pm Eastern Caribbean time, 1700 UK time.**

Bidders will be given a receipt.

2.3.1 Sealing and Labelling of Proposal

94th. The Bidder shall submit its Proposal(s) in sealed envelopes or boxes on the deadline for submission of Proposals. The envelopes or boxes containing the Proposals must be addressed to the PPB as follows:

**The Chairperson
Public Procurement Board
Ministry of Finance and Economic Management
P.O. Box 292, Brades, Montserrat, MSR1110**

95th. Below the above address the following must be written in bold letters:
“RFP for the Economic Development of Montserrat’s Existing Geothermal Wells”

SEALED PROPOSAL – DO NOT OPEN PRIOR TO 2:00 pm ON 12 April 2023”

96th. If the envelope or box is not sealed and marked as instructed, the PPB will assume no responsibility for the misplacement or premature opening of the Proposal submitted.

2.3.2 Deadline for Submission of Proposal

97th. Proposals marked as specified above shall be deposited in the Tender Box provided at the address below by **12:00 p.m. Eastern Standard Time on 12 April 2023.**

The Chairperson

Public Procurement Board

Ministry of Finance and Economic Management

P.O. Box 292, Brades, Montserrat, MSR1110

98th. Electronic submission of Proposals will be permitted.

99th. The PPB may, at its sole discretion, extend the deadline for submission of Proposals by issuing an Addendum in accordance with this RFP, after which all rights and obligations of the PPB and Bidders shall be subject to the new deadline.

2.3.3 Treatment of Late Proposals

100th. It is the sole responsibility of the Bidders to ensure that the GoM receives its Proposal(s) by the date and time specified as the deadline for submission of Proposals above. Any Proposal received after the deadline for submission of Proposals will not be considered. Bidder(s) who have submitted late Proposals will be notified and their Proposal(s) returned unopened.

2.3.4 Modifications and Withdrawals

101st. Bidders may modify or withdraw their Proposal(s) after submission, provided that the modification or notice of withdrawal is received in writing by the GoM prior to the deadline for submission of Proposals.

102nd. Bidders’ modification or notice of withdrawal shall be prepared, sealed, marked and delivered in accordance with the provisions of the RFP for the submission of

Proposals, with the envelopes additionally marked "MODIFICATION" or "WITHDRAWAL" as appropriate.

103rd. Subject to the provisions of the RFP, no Proposal may be modified subsequent to the deadline for submission of Proposals.

104th. Withdrawal of a Proposal during the interval between the deadline for submission of Proposals and the expiration of the period of Proposal validity specified in this RFP will result in the forfeiture of the Proposal Security.

2.3.5 Status of Proposals

105th. Proposals submitted by the Bidders will become the property of the GoM.

2.4 PROPOSAL OPENING AND EVALUATION

2.4.1 Opening of Proposals

106th. The GoM will open the Proposals in respect of submissions made pursuant to this RFP, in a public session at **2:00 p.m. EST on 12 April 2023** at the following address:

Training Room
Human Resources Management unit
Brades
Montserrat

107th. Bidders are invited to attend the opening of the Proposals. All persons present shall sign a register evidencing their attendance. Provisions would be made for bidders to attend the bid opening virtually and attendance taken.

108th. Proposals for which a notice of withdrawal has been submitted, pursuant to the RFP, will not be opened. Otherwise, the Public Procurement Board (PPB) will open and examine Proposals to determine whether they comply with the RFP requirements as to labelling and number of originals and copies, evidence of a soft copy of the Proposal, whether the requisite processing fee and Proposal Securities have been furnished, whether the documents have been properly signed, and generally whether the Proposals appear to be in order.

109th. For each Proposal opened, the PPB will announce:

- The name of the Bidder
- List of Compliance documentation submitted
- The proposed generating capacity
- The type of technology proposed

- Proposed Tariff

2.4.2 Communication with Bidders After Proposal Opening

- 110th. After opening of the Proposals, the PPB shall not be obliged to disclose to Bidders information relating to the examination, clarification, evaluation and comparison of Proposals, and recommendations concerning the selection of the Project(s), except as required by this RFP.
- 111th. Any effort by or on behalf of a Bidder to influence the PPB or any of its officials in the process of examination, clarification, evaluation and comparison of Proposals, and in decisions concerning the award of the Project, will result in the rejection of the Bidder's Proposal and forfeiture of its Proposal Security.

2.4.3 Confidentiality

- 112th. All documents submitted by the Bidders and marked confidential will be treated as confidential except in instances where technical data is required for the PPA, systems analysis and interconnection considerations, in which event they will be shared with the grid operator. Notwithstanding the foregoing, the PPB shall be at liberty to release any or all information submitted by Bidders to its consultants or agents for purposes of the evaluation of the Proposals.
- 113th. The PPB reserves the right to use the intelligence obtained from the process to inform policy formulation going forward.
- 114th. The PPB is not obliged to return the original nor the copies of any Proposal submitted by a Bidder, once it has been opened. A summary of the results of the procurement will be published after execution of all the Project Agreements.

2.4.4 Clarification of Proposals

- 115th. During the examination, evaluation and comparison of Proposals, the PPB may, at its discretion, ask the Bidders for clarification of their Proposals. Requests for clarifications and responses shall be in writing and no change in the Tariff or substance of the Proposal shall be sought, offered or permitted by the Bidder.

2.4.5 Determination of Responsiveness

- 116th. Prior to the detailed evaluation of the Proposals, the PPB will determine whether each Proposal is substantially responsive to the requirements of the RFP based on

a review and evaluation of information provided by the Bidder. If a Proposal is not substantially responsive to the requirements of the RFP, it will be rejected.

- 117th. For the purpose of this clause, a substantially responsive Proposal is one which conforms to all the terms, conditions and specifications of the RFP without material deviation or reservation. A material deviation or reservation is one which:
- a. affects in a substantial way the scope, quality or performance of the Project in a manner inconsistent with the RFP documents; or
 - b. in the sole opinion of the PPB, limits or changes, in a substantial way, the PPB's rights or the Bidder's obligations which are inconsistent with the RFP documents; and
 - c. the rectification of such deviation or reservation would affect unfairly the competitive position of other Bidders presenting substantially responsive Proposals.
- 118th. Notwithstanding the above, the PPB reserves the right to accept or reject any Proposal, to waive minor deviations in Proposals received, and to annul the RFP process and reject all Proposals at any time prior to the final selection of Projects for recommendation for grant of Licence to supply electricity. Any or all Bidders may be disqualified from the selection process and excluded from further consideration for, *inter alia*, any one of the following reasons:
- Submission of a Proposal to the PPB after the required deadline;
 - Failure to submit required supporting documentation within the required timeframe;
 - Failure to submit a Proposal with all forms completed and information and data provided as required by the RFP;
 - Material inconsistencies in the information submitted;
 - Misrepresentations in the completed Proposal and supporting documentation, or
 - Failure to pay any deposits or fees as required in this RFP.

2.4.6 Correction of Errors

- 119th. Proposals determined to be substantially responsive will be checked for any arithmetic errors in computation and summation and recalculated if necessary. Quoted unit prices shall govern in the recalculations. Where there is a discrepancy between amounts in figures and in words, the amounts in words will prevail. All corrections that could affect the comparative ranking of Proposals will be explained. All corrections are considered binding on the Bidder. Bidders affected

by changes will be notified of the detailed changes. The Bidder must accept such arithmetic corrections or its Proposal will be rejected.

120th. The amount stated in the Proposal will be adjusted in accordance with the above procedure for the correction of errors.

2.4.7 Evaluation of Proposals

121st. The PPB will evaluate and rank only Proposals determined to be substantially responsive to the requirements of the RFP.

122nd. Acting in its sole discretion, the PPB reserves the right to accept or reject any Proposal and to reject all Proposals, without thereby incurring any liability to the affected Bidders, their agents and/or assigns. The PPB reserves the right not to recommend any Bidder for grant of Licence to supply electricity, and may terminate the selection process at any time without thereby incurring any liability to any Bidder, their agents and/or assigns.

123rd. The selection process to be used by the PPB will involve the following stages:

- Determination of Proposal Responsiveness
- Stage 1: Evaluation of Bidder's Ability to Implement Project
- Stage 2A: Technical Evaluation of Proposal
- Stage 2B: Economic Evaluation of Proposal

124th. Only Proposals which are determined to be responsive will proceed to Stage 1. Only Proposals which pass Stage 1 will be considered for Stage 2.

2.5 DETERMINATION OF PROPOSAL RESPONSIVENESS

125th. The initial stage of the evaluation process is the determination of the Proposal's responsiveness. A bid will be deemed non-responsive if:

- a) It is not received by the due date and time established in the RFP;
- b) It is not submitted in the required form;
- c) It does not include sufficient information for it to be evaluated;
- d) A Tariff Model used to calculate the tariff is not provided;
- e) Proposal is not signed by an authorized officer, or
- f) Proposal fails to comply with any other specific requirements of the RFP.

126th. Once the responsive proposals have been identified they will move on to Stage 1 Evaluation. Non-responsive Proposals will be rejected.

2.6 STAGE 1 EVALUATION – BIDDER’S ABILITY TO IMPLEMENT PROJECT

2.6.1 Evaluation Criteria – Stage 1

127th. During Stage 1, a detailed evaluation of the Bidder’s ability to implement the project will be carried out. Bidders will be evaluated based on:

- Track record
- Ability to raise financing
- Technical capability and qualifications
- Ability to implement the Project in a timely manner
- Current ownership and operations of similar installations and/or related technologies and equipment

128th. The PPB wishes to attract Bidders who have a strong track record in the development of Geothermal power generation projects.

129th. If a Bidder has insufficient experience in any specific area, it may associate itself with other individuals or companies, whose experience must be demonstrated in the Proposal.

2.6.2 Track Record

130th. Each Bidder must demonstrate experience in the development of power generation facilities including the Geothermal energy technology being proposed. This includes demonstration of adequate knowledge of related construction, operation and maintenance practices. If the Bidder is relying on the experience information of associated entities, then the associated entities must provide written declaration of consent along with supporting power of attorney.

2.6.3 Ability to Raise Financing for the Venture

131st. Each Bidder must demonstrate its ability to provide equity and raise loan capital such as would be required to finance the implementation of the proposed Project. The Bidder must provide a) a detailed credit report from its bankers or financiers, b) audited financial statements for the past three (3) years supported by the parent entity’s or equity partner’s audited financial statements in the event that the Bidder’s financial statements are insufficient for the purposes of the Project. If a Bidder associates with other individuals or companies, then the names, background information and audited financial statements for these individuals or

companies must be provided. If the Bidder is relying on the financial information of associated entities, then the associated entities must provide written declaration of consent along with supporting power of attorney.

2.6.4 Technical Capability and Qualification

132nd. A Bidder must provide evidence of having within its organization the technical capability to manage the anticipated needs for implementation of the proposed Project, as well as the operation and maintenance of the various systems and the overall Project Facility. If the Bidder is relying on the technical capabilities and qualifications of associated entities, then the associated entities must provide written declaration of consent along with supporting power of attorney.

133rd. Curriculum Vitae (CV) of key personnel in the areas of project management, project finance, engineering, plant construction, operations and maintenance, which the Bidder proposes to employ for technical support, as well as those to be employed during the negotiation and implementation phases of the venture, shall be submitted.

2.6.5 Ability to Implement the Project in a Timely Manner

134th. Each Bidder should provide evidence of its ability to implement the Project within the required timeframe. The Bidder should provide any available evidence of relevant engineering and design work as well as evidence of previous involvement in similar projects.

2.6.6 Stage 1 Evaluation Scores

135th. Each acceptable Bidder's Proposal will be evaluated in accordance with the following criteria (with allotted scores as shown):

A. Experience [20%]

- a. Scale of operations in power generation projects and projects that involves the use of geothermal resource (direct use, mineral extraction, etc). (5%)
- b. Scope of activities in the development of power generation projects and projects that involve the use of geothermal resource (direct use, mineral extraction, etc) in the region or places similar to Montserrat. (5%)

- c. Track record of successfully developing and operating Geothermal based power generation projects and projects that involve the use of geothermal resource (direct use, mineral extraction, etc) in the region or places similar to Montserrat. (5%)
- d. Period of involvement in Scale at a. and Scope at b. above. (5%)

B. Ability to Finance Project [35%]

- a. Audited financial statements and other supporting data and information for the last three (3) years will be analyzed to determine the financial condition, performance and capability of each Bidder and its associated entities. (5%)
- b. Credit report and capacity to borrow funds. (10%)
- c. Provision of a financial model that shows the relationships between inputs and outputs of the proposal. (10%)
- d. Ability to provide equity. (10%)

C. Technical Capability and Qualifications of Key Persons Employed or to be Contracted by Bidder [23%]

- a. Competence of key personnel (as evidenced by CVs). (10%)
- b. Indicated use and/or development of local labour throughout project implementation. (5%)
- c. Existing systems for management of engineering, construction and operations & maintenance of proposed facilities. (3%)
- d. Experience with existing technologies in Geothermal based power generation and projects that involve the use of geothermal resource (direct use, mineral extraction, etc). (5%)

D. Ability to Implement the Project in a Timely Manner. [12%]

Evidence of existing and workable plans and designs for the proposed or similar Facilities using the Geothermal technology on which the Proposal is based.

E. Current Ownership of similar installations and/or related Geothermal technologies and equipment. [10%]

F. Power generation proposals must be able to guarantee the delivery of power upon request with availability of at least 90%. [Yes/No]

136th. Each Bidder will be evaluated based on the above criteria and scores and must achieve a minimum of 50% of the total score for its Proposal, with at least an achievement of 60% of ability to finance the project (category B) and positively satisfy criteria F, if applicable, to be selected for Stage 2A Evaluation.

137th. The PPB reserves the right to solely determine the acceptability of a Bidder and is not bound to take into account any representation or further information provided to the PPB subsequent to the deadline for submission of Proposals regarding the status of any particular Bidder.

2.7 STAGE 2A EVALUATION – TECHNICAL EVALUATION – 40% OF OVERALL SCORE

138th. Proposals of Bidders who achieve or exceed the minimum required score at Stage 1 will be subject to a detailed technical evaluation at Stage 2A.

2.7.1 Evaluation Criteria – Stage 2A

139th. Proposals will be evaluated based on the following:

- Proposed Technology [10%]
- Design of Project Facilities [25%]
- Proposed Arrangements for Construction of Project Facilities [30%]
- Proposed Arrangements for Operation & Maintenance of Facilities [20%]
- Ability to provide Grid support in the areas of voltage and frequency control for power generation project [15%]
- Compliance with Environmental and Statutory Requirements [Yes/No]

140th. A Proposal must obtain a minimum of 50% of the allotted maximum score for each Stage 2A evaluation criteria, and an overall score for Stage 2A in excess of 70%, for eligibility of award.

2.7.2 Proposed Technology [10%]

141st Technology Evaluation criteria

- Years of successful commercial use of proposed Geothermal technology and/or projects that involves the use of geothermal resource
 - 15 Years and over [5%]
 - 5 to 14 years [3%]
 - Under 5 years [1%]
- Technological enhancements in Proposal that could improve performance of the proposed project. [5%]

2.7.3 Design of Project Facilities [25%]

142nd. Design Evaluation criteria

- Suitability of proposed design [18%]
- Commercial experience of similar designs [7%]

2.7.4 Arrangements for Construction [30%]

143rd. Arrangements for Construction Evaluation Criteria

- Proposed arrangements for construction of facilities [10%]
- Experience of proposed supply/construction /installation Contractor(s)[10%]
- Local labour content in project [10%]

2.7.5 Arrangements for Operation and Maintenance [20%]

144th. Arrangements for Operation and Maintenance Evaluation Criteria

- Proposed arrangements for operation and maintenance of facilities[10%]
- Experience of proposed O&M Contractor/personnel [6%]
- Local personnel retained [4%]

2.7.6 Ability to provide services to the Grid [19%]

145th. Ability to provide services to the Grid Evaluation Criteria

- Ability to provide Grid support in the areas of voltage and frequency control. [10%]
- Ability to provide dispatchable power to the grid (5%)

2.7.7 Compliance with Environmental and Statutory Requirements

- Proposed regulatory and statutory compliance as per Exhibit 8 [Yes/No]

2.7.8 As per Exhibit 17, has Bidder provided a working electronic copy of its:

- Proposed Tariff Model or Revenue Generation Model [Yes/No]

146th. Each Bidder will be evaluated based on the above criteria and scores and must achieve a minimum of 70% of the total score for its Proposal, as well as positively satisfy all criteria in 2.7.7 and 2.7.8, to be selected for Stage 3 Evaluation.

2.8 STAGE 2B EVALUATION – ECONOMIC EVALUATION – 60% OF OVERALL SCORE

147th. Proposals which are deemed to be technically feasible and acceptable having achieved the relevant score requirements at the Stage 2 Evaluation will advance to an economic evaluation at Stage 3. Proposal with electricity generation beyond 11 GWh are required to submit a business plan with their proposal for the use of the excess energy generated. Submissions that includes a proposal for the use of excess energy can potential score an additional 20%.

2.8.1 Evaluation Criteria – Stage 2B - 60%

148th. Economic comparison will be based on the expected Plant output parameters and associated costs including Grid Impact.

Electricity Generation Projects

For power generation projects, the objective will be to select a Project or Projects that will best contribute to the overall power sector objective of reliability and

security of supply at least cost to consumers. Score will be award as per the following:

$$\frac{\text{Lowest Price (A)}}{\text{Higher Price (B)}} \times 70\%$$

For example, Lowest Price (A) = EC\$0.1/kWh and Higher Price (B) = EC\$0.15/kWh

$$\frac{0.1}{0.15} \times 70\% = 46.7\% \quad \text{B's score is 46.7\%}$$

Business Plan Evaluation (30%)

- Business plan quality (9%)
- Management team (5%)
- Marketing Strategy (6%)
- Financial Planning (10%)

2.9 HIGHEST RANKED BIDDER

149th The Highest Ranked Bidders are the Bidders whose Proposals are substantially responsive, who have successfully met the requirements of Stage 1 and Stage 2A, and whose Economic Evaluation best meets the overall power sector objective of reliability and security of supply at least cost to consumers. As set out above this will be based on 80% Tariff and 20% Business Plan evaluation. The Bidders selected for this status will therefore be those whose Proposals offer the best combined best technical proposal and improvement in tariff to the electricity consumers.

In an effort to increase the benefit of the implementation of this project to the island's citizenry, thorough negotiations with the preferred bidder, GoM may request an ownership stake in the project. The percentage stake will be decided through negotiations with the preferred bidder, however the preferred bidder will have controlling interest. Bidder will be compensated based on the percentage stake that the government choice to invest in at a cost no greater that 12.5% of the cost price to the Bidder.

2.10 SELECTION CYCLE

150th. Bidders are advised that the following cycle of events is established in accordance with Procurement Regulations, 2019.

- Once the bids have been opened and information on the name of the supplier and the price of the bid is announced and recorded. The public element of the meeting is declared over.
- The bids are locked away securely.
- The bids are then passed onto the nominated evaluated team, approved by PPB.
- The evaluation can take up to six (6) months depending upon the number of bids received. During the evaluation process, bidders may be requested to consider extending their bid validity.
- The evaluation team will compile a Tender evaluation report which will be presented to PPB for their consideration and decision.
- PPB will consider the report and recommendations and will make the final decision.
- The Procurement Department will then send out outcome letters to all bidders via email or hard copy letter if no email address is available.
- The successful bidder will be advised to contact the Permanent Secretary to arrange a negotiation meeting as guided by Procurement Regulations, 2019 (Section 42) and to sign the contract.
- No services must commence until the contract has been signed.
- There will be ongoing performance management that will feed into project completion and closure report. The performance for each contract may be used in assessing future bid submissions.

2.10.1 Clarifications

151st. If necessary, after the deadline for submission of Proposals, the Procurement Department may seek clarification from a Bidder regarding its Proposal. If necessary, the Bidder will be advised of the

date, time and place for detailed clarification meeting(s) between the PPB and such Bidder.-

2.10.2 Finalization of Project Agreements

152nd. After contact with the successful bidder, the Ministry will invite the Highest Ranked Bidder who satisfies the requirements of the RFP, to negotiate and finalize the Project Agreements. The Ministry will notify the Highest Ranked Bidder of the date, time and location of any meetings for this purpose.

It may be requested that the successful Bidder extend their Proposal validity in accordance with the RFP, if necessary.

153rd. The Ministry may proceed to a Lower Ranked Bidder:

- (a) After a Report is submitted to PPB, seeking permission to engage as a result of the following:
 - i. If it decides that the finalization of the Project Agreements by the Highest Ranked Bidder will not be completed within an acceptable timeframe;
 - ii. it discovers that the Highest Ranked Bidder has made a material misrepresentation;
 - iii. the Highest Ranked Bidder deviates from the terms of its Proposal; or
 - iv. the Highest Ranked Bidder fails to maintain the Proposal Security or provide the Performance Bond, as required.

154th. Upon execution and ratification of the Project Agreements and the furnishing by the Highest Ranked Bidder of their Performance Bond in accordance with the provisions of the RFP, the Ministry will promptly inform the remaining Bidders that their Proposals were unsuccessful and discharge or return their Proposal securities.

i. Bidder's Responsibilities

155th. Each Bidder is expected to examine carefully all instructions, conditions, forms and terms in the RFP and all clarifications and Addenda issued in connection with the RFP. The Bidder is also responsible for informing itself with respect to all conditions which may affect the cost or the performance of the Project. Failure to do so, and failure to comply with

the requirements of the RFP, will be at the Bidder's own risk, and no relief will be given for errors or omissions by the Bidder. Pursuant to the RFP, Proposals which are not substantially responsive to the requirements of the RFP will be rejected.

3 SECURITY PACKAGE AND FINANCING STRUCTURE

3.1 SECURITY PACKAGE

3.1.1 Granting of Licence

156th. The Bidder will be required to apply for and obtain a Licence from the Governor issued pursuant to the provisions of the Licensing of Utility Services Act. Pursuant to the Licence, the Governor may grant the Project Company the right to generate, transmit, distribute or supply electricity.

3.1.2 Principles of Power Purchase Agreement

157th. The Bidder will enter into a PPA on or before the Project's financial closing. Pursuant to the PPA, the Bidder will build, own and operate the facility and will sell power to the MUL Grid.

158th. The key features of the proposed PPA are as follows:

- The initial term will be for up to twenty (20) years from the date of commissioning of the facility and be transferred to MUL based on the terms of the PPA or extended for an additional period on similar or mutually agreed different terms.
 - For Electricity generation plants:
 - The facility will be dispatchable subject to approved scheduled outages.
 - The capacity of the facility will be tested at regular intervals and the Project Company.
 - Payment will be paid based on agreed tariff
 - Liquidated damages will be assessed against the Bidder for the following:
 - Delays in commissioning
 - Shortfalls in capacity
 - Failure to meet dispatch requirements
- Either Party may terminate the PPA under certain specified conditions.

- Certain tariff components may be indexed to reflect changes in costs faced by the Bidder that are due to factors outside its reasonable control.

3.1.3 Required Insurance Coverage

159th. Unless otherwise expressly provided in the Project Agreements, the Project Company shall, at its sole expense, take out and maintain, in effect, at all times during the terms of the Project Agreements, the required insurance coverage such as:

- All Risks Property Damage/Operational Insurance
- Workmen's Compensation Insurance
- Comprehensive Third-Party Liability Insurance
- Comprehensive Automobile Liability Insurance
- Excess Umbrella Liability Insurance.

3.1.4 Government Approvals

160th. The Project Company shall be solely responsible for securing all requisite approvals and permits such as environmental and developmental approvals from the relevant government and statutory organizations.

3.1.5 Principles of Engineering, Procurement & Construction Agreement

161st. The Project Company may enter into an Engineering, Procurement & Construction (EPC) Agreement with a reputable construction contractor to complete the design and construction of the Project, in accordance with the Project Milestone Schedule and the specifications agreed in the PPA.

162nd. The following are some of the terms and conditions that shall be included in the EPC Agreement:

- The contractor shall abide by all applicable laws of Montserrat.
- The contract shall reflect the applicable provisions from the Project Agreements for which the Project Company is responsible.
- The contract shall contain Plant performance guarantees by the contractor.
- In the case where construction is completed but the Plant fails to meet performance guarantees, the contractor will be required to pay damages in an amount sufficient to cover at a minimum the liquidated damages that will be assessed under the PPA.
- The contractor shall undertake to complete the Project in accordance with an agreed schedule consistent with the Project Milestone Schedule. In the event of failure to complete construction by the scheduled date, the contractor shall be

required to pay damages in an amount at a minimum sufficient to cover the liquidated damages that will be assessed under the PPA.

- The performance of the contractor shall be secured by a Performance Security Deposit. The amount of the Performance Security should not be less than half of a percent (0.5%) of capital cost of the Project. The Performance Security Deposit shall cover the warranty period for the Facility.
- In the case where the contractor abandons construction or fails to pursue construction with due diligence, the Project Company shall have the right to replace the contractor and require the contractor to pay any additional costs resulting from its default.
- The contractor shall provide an unlimited completion guarantee for the Project Facility which is assignable without the contractor's consent.

3.1.6 Arrangement for Use of Site

163rd. The Project Company shall be solely responsible for all matters relating to the Project Site including access, interconnection and costs.

3.1.7 Principles of Operation and Maintenance Agreement

164th. The Project Company may enter into an Operations and Maintenance Agreement ("O&M Agreement") with a reputable Operations and Maintenance Contractor ("O&M Contractor"), if the Project Company intends to perform these functions via a contractor.

165th. The following are some of the terms and conditions that would be required in the O&M Agreement:

- The O&M Agreement shall reflect the applicable obligations of the Project Company under the Licence and PPA.
- The O&M Agreement shall specify various price components directly tied to the Tariff under the PPA and provide the explanation and adequate information for future adjustments.
- The O&M Agreement shall be specific in regard to the spare parts and consumables included in the base price.
- The O&M Agreement shall address any improvements or additions to be made to the plant in the future.
- The O&M Agreement shall provide for Plant operations during emergency conditions.
- The O&M Contractor shall undertake to operate and maintain the Project consistent with the standards set forth in the PPA. In the event of failure to do

so, the O&M Contractor will be required to pay damages in an amount at a minimum sufficient to cover the liquidated damages that will be assessed under the provisions of the PPA.

- The performance of the O&M Contractor shall be secured by way of a Performance Bond.

3.2 FINANCING STRUCTURE

166th. The Project Company will be responsible for mobilizing the financing for the Project. Agreements required to secure financing for the Project will be entered into between the Project Company and the institutions providing the financing for the Project and shall be based on the financial plan presented by the Bidder in its Proposal. Any subsequent changes to the Financial plan after finalization of the Project Agreements will require the approval of the Ministry of Finance and Economic Management (MoFEM).

167th. The Financial plan provided by the Project Company shall describe the sources of funds and the terms of financing for both debt and equity as applicable. The Project Sponsor shall also provide details on the different financing sources. The funds shall be in amounts sufficient to cover all applicable costs.

166th. Financing will be in the form of equity and/or debt.

Repayment and returns on equity will not be guaranteed.

At least ten percent (10%) of the financing for the Project shall be in the form of equity.

4 APPENDIX A: BIDDERS PROPOSAL AND SUPPORTING DATA

BIDDER'S PROPOSAL

SUBMITTED BY:

ADDRESS:

.....

.....

TELEPHONE :

FACSIMILE:

E-MAIL:

4.1 EXHIBIT 1: PROPOSAL LETTER

Date:

The Chairperson
Public Procurement Board
Ministry of Finance and Economic Management
P.O. Box 292, Brades, Montserrat, MSR1110
W. I.

Re: Request for Proposal for the Economic Development of Montserrat's Existing Geothermal Wells, Own, Operate and Transfer (BOOT) Basis dated 12 April 2023 (RFP)

Dear Sir/Madam,

Having examined the captioned RFP, we, the undersigned, offer to design, finance, procure, construct, operate and maintain a [insert MW] [insert Type of Plant] Power Generation Project specified in the attached proposal (the "Proposal") and to supply electric power to the Montserrat Utility Limited (MUL) Grid and/or the supply of a project that involves the use of geothermal resource (direct use, mineral extraction, etc) in conformity with the RFP and all Addenda, Appendices and Exhibits attached thereto. The total Project Cost as specified in Exhibit 10 attached hereto is [\$].

We agree to abide by this Proposal for the period of six (6) months from the deadline for submission of proposals as prescribed in the RFP and this Proposal shall remain binding upon us and may be accepted by the Public Procurement Board (PPB) at any time before the expiration of that period. This Proposal shall constitute a binding offer until it expires or an agreement is executed which supersedes it.

We certify that (i) the information submitted as part of this Proposal to the PPB is complete and accurate and (ii) the Proposal has been submitted in the legal name of the entity which would be bound by any resulting agreements.

We understand that you are not bound to accept any proposal you may receive.Yours sincerely,

Authorized Signature [*In full and initials*]:

Name and Title of Signatory:

Name of Entity:

Address:

Attachments - Proposal Security
- Power of Attorney

Signature _____
(Bidder shall submit a Power of Attorney for its Duly Authorized Representatives)

4.2 EXHIBIT 2: AFFIDAVIT

Affidavit

I,..... , being duly sworn do make oath and say as follows:

1) That I am of legal age and reside at:

.....(Ad
.....(Ad
.....(Ad

2) That I am the of the (*Official Capacity*),
corporation/association/company, (*Name of Firm*)
duly organized under the laws of.....(*Name of Country*).

3) That personally, and as (*Official Capacity*) for
and on behalf of the corporation/association/company, I hereby certify that:

- a. All statements made in this Bidder's Proposal and in the required attachments are true and correct,
- b. This Proposal is made for the express purpose of developing the proposed power generation project,
- c. The Bidder will make available to the Public Procurement Board (PPB) or any authorized agent of the PPB any information they may find necessary to verify any item in this Proposal or regarding the competence and general reputation of the Bidder,
- d. That I am duly authorized by the corporation/association/company to make these representations and to sign this Proposal.

Signature:
(Secretary/General Partner/ Individual Contractor/Bidder)

SUBSCRIBED AND SWORN TO before me this day of202.....

at Notary Public/Justice of the Peace:

4.3 EXHIBIT 3A: BIDDER'S ORGANISATION*

Date:

1. Entity's Name:
2. Entity's Country of Incorporation:
3. Entity's Address:
.....
4. Entity's email contact:
5. Entity's Website:
6. Telephone No: Fax No:
7. Address of Registered Office.....
.....
8. Local Contact and Address (if any):
9. Year Organized:
10. Type of Association:
11. Type and Scale of Operation:

* In the event that the Bidder is comprised of more than one entity, separate forms shall be submitted for each such entity.

4.4 EXHIBIT 3B: ASSOCIATED ORGANISATION*

Date:

1. Entity's Name:
2. Entity's Country of Incorporation:
3. Entity's Address:
.....
4. Entity's email contact:
5. Entity's Website:
6. Telephone No: Fax No:
7. Address of Registered Office:
.....
8. Local Contact and Address (if any):
9. Year Organized:
10. Type of Association:
11. Type and Scale of Operation:

* Individual form shall be submitted for each associated entity. Submit additional sheets as necessary.

4.5 EXHIBIT 4: INFORMATION TO BE FURNISHED BY BIDDER *

List below all stockholders and other persons owning 5% or more of stock or other interest in the Bidder, the Associated Entities and/or the Project Company.

	NAME	TYPES OF INTEREST OR NUMBER OF SHARES OWNED	VALUE	EXTENT OF CONTROL (%)**
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				

* In the event that the Bidder is comprised of more than one entity, separate forms shall be submitted for each such entity.

** Equity holdings

OFFICIALS OF THE BIDDER MEMBERS OF THE BOARD OF DIRECTORS

	NAME	DESIGNATION
1.
2.
3.
4.
5.

State below the name of the individual who is actively managing the affairs of the Corporation.

NAME:

ADDRESS:

DESIGNATION:

Herewith attached is a certified copy of Resolution authorizing corporation's representative to file the Proposal and sign subsequent agreements.

* In the event that the Bidder is comprised of more than one entity, separate forms shall be submitted for each such entity.

4.6 EXHIBIT 5: INFORMATION TO BE FURNISHED BY UN-INCORPORATED ASSOCIATIONS *

Date of Registration:

Securities and Exchange Commission Registration No:

State whether the Unincorporated Association is:

- General Partnership
- Limited Partnership
- Other

NAME OF MEMBERS OF UNINCORPORATED ASSOCIATION	ADDRESS	AGE	OCCUPATION	VALUE OF CONTRIBUTION
TOTAL				

State below the name of the individual who is actively managing the affairs of the Unincorporated Association.

NAME:

ADDRESS:

DESIGNATION:

Herewith attached is a certified copy of Appointment of business manager and his Authority.

* For each associated firm or partner.

4.7 EXHIBIT 6: DETAILED INFORMATION ABOUT BIDDER¹

4.7.1 ORGANISATION DOCUMENTATION, CLEARANCES AND EXPERIENCES We/I hereby submit for your examination and consideration certified true/photocopies of the following:

- ANNEX A -** Articles of Incorporation and by-laws, or other organizational documents, in English.
- ANNEX B -** Certificate of registration with the relevant companies' registration authority.
- ANNEX C -** Curriculum Vitae of key personnel who will be responsible for developing, managing and operating the Project.

4.7.2 TECHNICAL CAPABILITY AND MANAGEMENT ABILITY

- ANNEX D -** For technical capability, literature/brochures describing Bidder's facilities and accomplishments and information on technical personnel resources.
- ANNEX E -** For experience, the Bidder shall list similar projects undertaken within the last ten (10) years.
For each project listed, the Bidder shall furnish the following detailed information:
 - (a) Nature and location of project
 - (b) Financing and equity structure for the project
 - (c) Technical data/information on major developments implemented
 - (d) Description of role performed by the Bidder in the project
 - (e) Names of any engineering consultants
 - (f) Names of any legal or financial advisors

4.7.3 FINANCIAL CAPABILITY

We hereby submit as "**ANNEX F**" our audited Financial Statements for the last three (3) years.

We hereby submit as "**ANNEX G**" our Credit Report (see Appendix E Form Credit Report) covering at least the last three (3) years.

4.7.4 TAX COMPLIANCE CERTIFICATE

We hereby submit as "**ANNEX H**" our valid tax compliance certificate².

¹ For each firm or partner.

4.7.5 ANTI-COLLUSION CERTIFICATE

GOVERNMENT OF MONTSERRAT

TENDER SUBMISSION ANTI-COLLUSION CERTIFICATE

I/WE CERTIFY THAT THIS TENDER IS MADE IN GOOD FAITH, AND THAT WE HAVE NOT FIXED OR ADJUSTED THE AMOUNT OF THE TENDER BY OR UNDER OR IN ACCORDANCE WITH ANY AGREEMENT OR ARRANGEMENT WITH ANY OTHER PERSON. I/WE ALSO CERTIFY THAT WE HAVE NOT AND I/WE UNDERTAKE THAT WE WILL NOT BEFORE THE AWARD OF ANY CONTRACT FOR THE WORK:

DISCLOSE THE TENDER PRICE OR ANY OTHER FIGURES OR OTHER INFORMATION IN CONNECTION WITH THE TENDER TO ANY OTHER PARTY (INCLUDING ANY OTHER COMPANY OR PART OF A COMPANY FORMING PART OF A GROUP OF COMPANIES OF WHICH I AM/WE ARE A PART OF) NOR TO ANY SUB-CONTRACTOR (WHETHER NOMINATED OR DOMESTIC) NOR SUPPLIER (WHETHER NOMINATED OR DOMESTIC) OR ANY OTHER PERSON TO WHOM SUCH DISCLOSURE COULD HAVE THE EFFECT OF PREVENTING OR RESTRICTING FULL COMPETITION IN THIS TENDERING EXERCISE

ENTER INTO ANY AGREEMENT OR ARRANGEMENT WITH ANY PERSON THAT THEY SHALL REFRAIN FROM TENDERING, THAT THEY SHALL WITHDRAW ANY TENDER ONCE OFFERED OR VARY THE AMOUNT OF ANY TENDER TO BE SUBMITTED OR OTHERWISE COLLUDE WITH ANY PERSON WITH THE INTENT OF PREVENTING OR RESTRICTING FULL COMPETITION

PAY, GIVE OR OFFER PAY OR GIVE ANY SUM OF MONEY OR OTHER VALUABLE CONSIDERATION DIRECTLY OR INDIRECTLY TO ANY PERSON FOR DOING OR HAVING DONE OR CAUSING OR HAVING CAUSED TO BE DONE IN RELATION TO ANOTHER TENDER OR PROPOSED TENDER FOR THE WORK ANY ACT OR THING OF THE SORT DESCRIBED AT I), II) OR III) ABOVE.

I/WE FURTHER DECLARE THAT I/WE HAVE NO KNOWLEDGE EITHER OF ANY SUM QUOTED OR OF ANY OTHER PARTICULARS OF ANY OTHER TENDER FOR THIS CONTRACT BY ANY OTHER PARTY.

I/WE FURTHER CERTIFY THAT THE PRINCIPLES DESCRIBED ABOVE HAVE BEEN, OR WILL BE, BROUGHT TO THE ATTENTION OF ALL SUB-CONTRACTORS, SUPPLIERS AND ASSOCIATED COMPANIES PROVIDING SERVICES OR MATERIALS CONNECTED WITH THE TENDER AND ANY CONTRACT ENTERED INTO WITH SUCH SUB-CONTRACTORS, SUPPLIERS OR ASSOCIATED COMPANIES WILL BE MADE ON THE BASIS OF COMPLIANCE WITH THE ABOVE PRINCIPLES BY ALL PARTIES.

I/WE ACKNOWLEDGE THAT ANY BREACH OF THE FOREGOING PROVISIONS SHALL LEAD AUTOMATICALLY TO THIS TENDER BEING DISQUALIFIED AND MAY LEAD TO CRIMINAL OR CIVIL PROCEEDINGS. THE GOVERNMENT OF MONTSERRAT SHALL TREAT ANY TENDER RECEIVED IN CONFIDENCE BUT RESERVES THE RIGHT TO MAKE THE SAME AVAILABLE TO ANY OTHER FUNDING ORGANISATION OR STATUTORY REGULATORY AUTHORITY EITHER HAVING JURISDICTION OVER THE WORKS OR WHO MAY NOW OR AT ANY TIME IN THE FUTURE HAVE STATUTORY POWER TO REQUIRE DISCLOSURE OF THIS TENDER.

IN THIS CERTIFICATE, THE WORD 'PERSON' INCLUDES ANY PERSONS AND ANY BODY OR ASSOCIATION, INCORPORATED OR UNINCORPORATED; ANY AGREEMENT OR ARRANGEMENT INCLUDES ANY TRANSACTIONS, FORMAL OR INFORMAL AND WHETHER LEGALLY BINDING OR NOT; AND 'THE WORK' MEANS THE WORK IN RELATION TO WHICH THIS TENDER IS MADE.

SIGNATURE..... IN CAPACITY OF

DATE.....2023

DULY AUTHORISED TO SIGN TENDERS AND ACKNOWLEDGE THE CONTENTS OF THE ANTI-COLLUSION CERTIFICATE FOR AND ON BEHALF OF:

NAME OF FIRM.....

FULL POSTAL ADDRESS.....

TELEPHONE NO..... Fax No

4.7.6 ADDITIONAL INFORMATION

We hereby submit additional information generally describing related projects and operations that we are currently implementing.

4.8 EXHIBIT 7A: PROJECT DESCRIPTION AND DATA

Bidder shall provide details regarding the Project under specific headings including the following:

4.8.1 Plant Performance Guarantees

- Net power output (MW) to the MUL Grid after transformer losses or production output for none energy generation projects
- Plant Availability
- Capacity Factor
- Conversion efficiencies
- Environmental impact

4.8.2 Description of Facilities

- Description and explanation of technology to be used
- General plant specifications
- Major systems and equipment description

4.8.3 Location and Access to Site

- Location of Site
- Interconnection arrangement for power generating facilities
- Description of access route to Site
- Evidence of ability to secure use of Site
- Potential Grid impact

4.8.4 Site Investigations

- Evidence that the necessary investigations have been done to demonstratesuitability of Site.

4.8.5 Site Ambient Conditions

- Expected Site ambient conditions and Plant performance and output ratedat expected Site ambient conditions.

4.8.6 Technical Report

Bidder shall include a Project Technical Report with their Proposal which includes the following where applicable:

- Technology to be used;
- Expected Plant output capacity;
- Output voltage and transformer specifications;
- Plant output capability curve
- Plant Reactive Power Capability
- Site civil works;
- Mechanical / Electrical equipment;
- SCADA interface facilities;
- Telecommunication and control systems;
- Site location and access;
- Results of any Site subsurface investigations confirming suitability;
- Expected Site conditions / meteorological data to support Project feasibility;
- Expected Plant output profile at expected Site ambient conditions.
- This should include the interconnection study

4.9 EXHIBIT 7B: PROJECT DESCRIPTION AND DATA

Bidders submitting proposal for annual energy generation over 11 GWH should also implement a business solution that would consume the excess energy beyond this initial maximum threshold and Bidder submitting none electricity generating proposal should also include a project business plan. As the electricity demand on the island grows this initial maximum threshold will be adjusted via an agreed method in the PPA. Bidder shall provide details regarding the proposed business under specific headings including the following where applicable:

4.9.1 Business plan

- Executive Summary
- Company overview section providing a brief history of your organization
- Industry Analysis
 - Market Overview providing information on the size and characteristics of the potential market
 - Relevant Market size is a much more specific calculation of your market size. It is the annual revenue your company could attain if it attained 100% market share.
- Customer Analysis
 - Target Customers precisely identifies your current and/or intended customers
 - Customer Needs specify why customers want or need your products and/or services.

- Competitive Analysis
 - Direct Competitors
 - Indirect Competitors
 - Competitive advantage
- Marketing Plan
 - Products and Services
 - Promotions plan
 - Distribution plan
- Operation Plan
 - Key operational Processes
 - Milestones - list the key milestones you hope to achieve in the future and the target dates for achieving them
- Management Team
 - Management Team Members
 - Management Team Gaps
 - Board Members
- Financial Plan
 - Revenue Model - this section of your business plan gives clarity on how you generate revenues.
 - Funding Requirements/Use of Funds
 - Exit Strategy
- Appendix

Your Business Plan may include any business that is legally permitted in Montserrat. These business can include but is not limited to the following:

- Direct use of geothermal fluid for
 - Agro processing
 - Cold storage via the sue of absorption cooling
 - Development of a hot spring park or other tourist attractions
 - Mineral mining
- Excess electricity generation for
 - Powering a light manufacturing plant
 - Powering a Data Center
 - Powering an industrial estate
 - Hydrogen production
 - For ammonia production

4.10 EXHIBIT 8A: SPECIAL REQUIREMENTS

4.10.1 Project Logistics

- Details of proposed arrangements for supply and installation of Facilities.
- Evidence that local conditions have been duly considered and that there are no impediments to successful delivery and installation of the Facilities.

4.10.2 Use of Local Labour

- Plan for use of local labour for construction and operation
- Evidence that local labour considerations have been adequately addressed.

4.10.3 Site Utilities

- Evidence that adequate arrangements will be made to secure the necessary Site utilities including:
 - Potable Water;
 - Sanitary and Sewerage facilities;
 - Telecommunications services;
 - Construction Power.

4.10.4 Accessing of Inputs

- Evidence that adequate arrangements have been made to ensure that the necessary inputs, for the proper implementation of the Project.
- Evidence to indicate adequacy of the expected inputs for the proper implementation of the Project.

4.10.5 Regulatory and Statutory Compliance

- Environmental impact report explaining expected impacts of the Project on the physical, ecological and socioeconomic environments.
- Evidence that the standards of all relevant regulatory and statutory agencies will be met.

4.10.6 Proposed Project Implementation Schedule

- Bidder shall provide a detailed schedule which supports and confirms completion of the Project within the Proposal timeframe.
- Bidder's schedule shall be submitted in Gantt chart format and shall include all milestones for financing, engineering, procurement, shipping, construction, start-up, testing, etc. as necessary for successful completion and operation of the Project.

4.10.7 Layouts and Arrangements

In addition to specific arrangement drawings required throughout these Schedules, the Bidder shall include additional layout and arrangement drawings (plans, elevations and sections as required) of the Facilities as required to describe in sufficient detail the intended arrangement of the Facilities. The following aspects are to be covered:

- 1) General arrangement of main plant items indicating access routes for operation, maintenance and safety.
- 2) Arrangements showing access for initial installation of major components including electrical panels and control room equipment.

- 3) General arrangement of the Facilities indicating traffic flow, areas for dismantling, inspecting, repair and laydown of plant items as required during maintenance.
- 4) Arrangements of all buildings indicating intended main equipment layout and confirming adequate space for efficient operation and maintenance of the Facilities.
- 5) Pipe route arrangements and pipe bridge preliminary design for the brine reinjection pipeline up to the reinjection wellheads.
- 6) Civil works descriptions covering site establishment and enabling.

4.11 EXHIBIT 8B: TECHNICAL SCHEDULE – Energy Generation Project

Introduction

The following Technical Schedules shall be provided by the Bidder for Bid evaluation purposes.

The Technical Schedules are intended as a guide for Bidders to provide the minimum information for evaluation. Bidders may and should offer supplementary information that will be useful for clarifying the technical and scope items of the Bid.

Bidders shall provide completed tables within the Technical Schedule according to their proposed technology offering with respect to the compliant alternatives outlined in the Specification.

4.11.1 Performance Data

Heat and Mass Balance Diagrams

The Bidder shall submit heat and mass balance diagrams for the plant system offered at the conditions applicable for Nominal Continuous Rating (NCR).

The Bidder shall provide heat and mass balance diagrams for the plant system offered for the following conditions:

- 1) NCR Operation 100% load, all plant available.
- 2) Operation at maximum ambient wet bulb temperature, 100% load, all plant available.
- 3) Operation at minimum ambient wet bulb temperature, 100% load, all plant available.
- 4) Repeat diagrams 1, 2 and 3 above for the case with one cooling tower cell out of service (or the Air-Cooled Condenser is operating with 75% working fans online).
- 5) Repeat diagrams 1, 2 and 3 above for one hotwell pump out of service (if applicable).
- 6) Repeat diagrams 1, 2 and 3 above for any other single plant item out of service that is not provided with 100% redundancy.

4.11.2 Drawings and Design Documentation

The Bidder shall include the following documents for the Bid evaluation:

- 1) The Bidder shall supply a full set of process and instrument diagrams (P&IDs) in sufficient detail to fully describe the Plant being supplied.
- 2) Process Flow Diagrams
- 3) Electrical Single Line diagrams
- 4) Control System Architecture drawings

Turbine and Auxiliaries

Turbine

1.1.1	Type				
1.1.2	Manufacturer				
1.1.3	Model				
1.1.4	Rating at the following conditions:		NCR		1 CT cell out of service, NCR atmospheric conditions
	a) Output	kW			
	b) Speed (nominal dependant on technology offer)	RPM			
	c) Steam/Working Fluid consumption	kg/hr			
	d) Steam/Working Fluid Pres. At MSV	bara			
	e) Steam/Working Fluid Temp. at MSV	°C			
	f) Condenser Pressure	bara			
	g) Non condensable gas content	%w/w			
1.1.5	Minimum load capable of being sustained continuously	kW			
1.1.6	Maximum maintenance weight (state item)	tonnes			

Other Information

The following information shall be provided in the Bid:

- Provisions to minimise scaling and build-up of deposits. Estimate of rate of degradation of performance per year due to scaling in two parts: recoverable and non-recoverable.
- Method of inspection and cleaning recommended for geothermal steam deposits. Estimate of frequency of in-situ inspections, and the duration of each inspection.
- Criteria signifying need to shut down machine for cleaning. Estimate of frequency of shut downs and duration of cleaning operation.
- Provisions to inspect blades and nozzles in situ without significant dismantling.
- Sectional illustrations of:
 - turbine (including rotor showing whether bored or unbored).
 - Turbine governor and stop valves and actuators
 - main steam condenser (Condensing Steam Technology only)
 - oil reservoir
- Illustrations or descriptive matter on:
 - governor control system
 - safety trips and protective devices
 - blading types, method of attachment of blading to rotor and to diaphragms, clearance details
 - controls and instruments
 - steam scrubber vessel for inlet steam
- Schematics of major plant systems
- A drawing of the laydown area showing the arrangement of dismantled

Main Generators and Exciters

2.1 Generator			
Item	Description		
2.1.1	*Type		
2.1.2	*Manufacturer		
2.1.3	*Manufacturer's type reference		
2.1.4	*Primary cooling medium		
2.1.5	Speed	rpm	

2.1.6	Frequency	Hz	60	
	a) Number of phases		3	
	b) Number of poles		2	
2.1.7	Connection		Star	
	a) Maximum continuous rating (MCR) at rated 0.85 power factor (lagging) and at cooling water temperature	MVA °C		
	b) MCR at 0.85 pf lag and above temperature	MW		
2.1.8	*Rated terminal voltage and range	kV		
2.1.9	Rated power factor			
	a) lagging		0.85	
	b) leading		0.95	
2.1.10	*Rated phase current	A		
2.1.11	*Have identical generators been manufactured and type tested?			
2.1.12	*Generator capability diagram			
	*stator winding per phase at 20°C	ohms		
2.1.13	*Short circuit ratio			
2.1.14	*Generator efficiency:		Rated p.f.	Unity p.f.
	a) NCR	%		
	b) 80% NCR	%		
	c) 60% NCR	%		
2.1.15	Generator length	m		

11 kV and 415 V Switchboards

3.1 11kV Switchboards			
Item	Description		
3.1.1	*Manufacturer		
3.1.2	*Type reference		
3.1.3	*Metal clad (Yes/No)		
3.1.4	*Rated voltage	kV	
3.1.5	*Rated frequency	Hz	
3.1.6	*Rated normal current (busbars)	A	
3.1.7	*Degree of protection:		
	a) enclosure		
	b) partitions		
	c) shutters		
3.1.8	*Material of busbars		
3.1.9	Busbar insulation material		
3.1.10	*Overall length of switchboard	mm	
3.1.11	*Overall height of switchboard	mm	
3.1.12	*Overall depth of switchboard	mm	

4.1 Instruments			
Item	Description		
4.1.1	*Manufacturer		
4.1.2	Type reference		
5.1 Current Transformers			
Item	Description		
5.1.1	*Manufacturer		
5.1.2	Type reference		
5.1.2	Class		
6.1 Voltage Transformers			
Item	Description		
6.1.1	*Manufacturer		
6.1.2	Type Reference		
6.1.3	Class		
7.1 Meters			
Item	Description		
7.1.1	*Manufacturer		
7.1.2	Type reference		

7.1.3	Accuracy class		
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Standards Used

The Bidder shall list the standards proposed for the equipment covered under this Technical Schedule, noting the hierarchy of standards given in Employer’s Requirements.

Equipment	Proposed Standards
11 kV Switchboards	
11 kV Motor Starters	
Other <i>{Bidder to list}</i>	

Control and Instrumentation

8.1 Distributed Control System	
Item	Description
8.1.1	*Manufacturer
8.1.2	*Manufacturer Type/Model
8.1.3	*Evidence of life cycle phase of control system technology and basis of compliance with 20-year support requirement.
8.1.4	*Architecture (drawing)
8.1.5	*Processors
	a) Model
	b) Power Supply (Volts/amps)
8.1.6	*Serial I/O
	a) Model
	b) Interfaces
	c) Protocols
8.1.7	*Control System LAN
	a) Type
	b) Media
	c) Speed
	d) Topology
8.1.8	*General information
	a) Operable ambient temperature range
	b) Hydrogen sulphide protection i.e. Conformal Coated?

	c) Operable humidity range	
	d) Electromagnetic compatibility	
8.1.9	*Description of configuration software package including details functional capability	
8.1.10	*Details of on-line diagnostics	
8.1.11	*Details of how software is documented, backed up, and restored following replacement of operating hardware	

8.2 Operator Workstations		
	Operator Workstations, Engineering Workstation and Remote Access Workstation (Bidders are strongly encouraged to consult with MUL) Bidder to complete a table for each of these operator interfaces.	
82.1	*Manufacturer	
8.2.2	*Make/Model	
8.2.3	*Quantity	
8.2.4	*Operating system software	
8.2.5	*Full details of Process Control software (MMI package) including as a minimum details of:- graphic capability, data collection/logging options, reporting options, alarm handling, trending options, and method of programming.	

4.12 EXHIBIT 9: PROPOSED TARIFF AND/OR PROJECT FINANCIAL INDICATORS

Bidder shall submit its proposed Tariff and financial indicating along with supporting calculations, in writing and in a functional electronic copy of its Tariff Model and/or financial that demonstrates the relationships between the inputs, conversion factors, any other considerations and outputs in a Microsoft Excel spread sheet or compatible format. That is, the components of the fixed and variable tariff should be clearly shown in the working Tariff Model as applicable. The Tariff shall be quoted in Eastern Caribbean Dollars only.

The Tariff for Firm Capacity Proposals shall be presented by filling in the blank spaces in the following Table 5-1 and the Tariff for Energy Only Proposals in Table 5 -2 accordingly.

Bidders are encouraged to provide a list of assumption and concessions included in their analysis.

Table 5-1: Firm Capacity Proposed Tariff Components as Applicable

Tariff Component	Unit	Base Price	Based Price with proposed Concessions	Frequency of Adjustment
Electricity Price	XCD\$/kWh			Annually

Table 5-3: For none energy generation projects, kindly complete tables below;

Financial Indicator	Unit	Value (without concessions)	Value (with concessions)
Net Present value	XCD\$		
Average net annual cash flow	XCD\$		

Estimated Economic Contribution	Unit	Value (without concessions)	Value (with concessions)

Number of permanent local employees	No.		
Estimated Average annual PAYE Contribution	XCD\$		
Estimated average annual Corporate tax	XCD\$		
Estimated Annual local expenditure (excluding labour cost)	XCD\$		

4.13 EXHIBIT 10: COST DATA IN SUPPORT OF TARIFF AND FINANCIAL INDICATORS

Bidder shall submit details of its cost data in support of the Tariff and Financial Indicators. Costs shall be quoted in Eastern Caribbean Dollars(XCD).

A functional electronic copy of its tariff model for the Project in a Microsoft Excel spread sheet or compatible format is required with each submission. This model should incorporate the input cost, financing terms and energy assumptions from which the proposed tariffs are derived. The Model should be able to do sensitivities and a user guide should be attached. The cost items in the table below should be fully broken into their constituent elements.

Table 5-2: Proposed Capital Costs

CAPITAL COST ITEM	DESCRIPTION	PROPOSED COST without Concessions (EC \$)	PROPOSED COST with Concessions (EC \$)
Development Costs	Project development costs incurred prior to start of construction, including financial closing costs.		
Construction Costs	All costs related to supply and installation of the Facilities for delivering power to the MUL Grid including all applicable foreign and local taxes. See breakdown in Exhibit 12.		
	Management and Insurance Costs Capitalized interest during construction Other costs including fees, etc.	Project Company Costs During Construction	
Working Capital	Working capital for initial operation and management.		

Capitalized O&M costs	Costs associated with operation and maintenance activities prior to commissioning.		
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CAPITAL COST ITEM	DESCRIPTION	PROPOSED COST without Concessions (EC \$)	PROPOSED COST with Concessions (EC \$)
Other capitalized costs (if any)	Please give description		
TOTAL COST OF THE PROJECT			

“TOTAL COST OF THE PROJECT” is inclusive of contingency costs.

Table 5-3: Proposed Annual Operating Costs

COST ITEM	DESCRIPTION	PROPOSED ANNUAL COST without Concessions (EC \$)	PROPOSED COST with Concessions (EC \$)
Plant fixed operating and maintenance costs	Plant operating and maintenance costs which do not vary with Plant output including equipment and personnel costs, etc.		
Insurance costs	Cost of insurance during the operating period		
Plant variable operating and maintenance costs	Plant operating and maintenance costs which vary with Plant output.		
Other operating costs	Please state, if any.		

4.14 EXHIBIT 11: FINANCIAL DATA IN SUPPORT OF TARIFF

The Tariff shall be based on a financing plan for the Project and supporting financial data relating to debt and equity. The Bidder shall submit details of the financing including the following:

Table 5-4: Project Financing

Financing Type	Source	Amount in XCD	% of Total
EQUITY FINANCING	Project Sponsor		
	Contractor/Supplier		
	Other Sources(Bidder shall list)		
	TOTAL EQUITY		
DEBT FINANCING	Export Credits		
	Commercial Sources		
	Multilateral Sources		
	Other Sources		
	TOTAL DEBT		
TOTAL FINANCING			

Bidder shall submit supporting documentation from the sources of financing and a credit report. Supporting letters from the financing sources shall be accompanied by documentation to verify that the sources are capable of meeting the commitments.

The amount indicated as “TOTAL FINANCING” shall be the total financing required for the Project, inclusive of contingency funds.

Bidder shall submit a functioning electronic tariff model for the Project which demonstrates the financial feasibility and sustainability of the Project.

4.15 EXHIBIT 12: BREAKDOWN OF CONSTRUCTION COST

Bidder shall submit a detailed breakdown of the construction cost by major components of the Project.

4.16 EXHIBIT 13: ADDITIONAL SUPPORTING DATA

Bidder shall provide the following Project information:

- Bidder's organization chart and key personnel for the management of the Project Company during pre-construction, construction and the operation stages of the Project, including resumes of key personnel showing past experience in performing their designated management position.
- Bidder's proposed chart and description of organization during the operation stage of the Project to include manpower requirements for operations and maintenance.
- Listing of proposed subcontracts for the major elements of the Project to include subcontractors' name, address, scope of supply or services and amount of subcontract.
- Bidder's proposed training program for Montserrat Nationals and Residences.
- Bidder's proposed Project insurance plan to meet the insurance coverage required under the Project Agreements.

The Bidder shall provide equipment experience including past performance data for three (3) continuous years of reliable commercial operation to include:

- Name, address, telephone and facsimile number of owner.
- Description and location of project.
- Operating history.

4.17 EXHIBIT 14: PERFORMANCE SPECIFICATIONS AND DRAWINGS

Bidder shall provide the specifications for the Facilities, including detailed specifications for the major systems and equipment including:

- Manufacturer
- Model
- Codes/ standards
- Ratings

Bidder shall also provide preliminary designs and drawings relating to the Facilities.

4.18 EXHIBIT 15: PROPOSED PROJECT SCHEDULE

Bidder shall provide a detailed Project implementation schedule in a functional electronic Gantt chart compatible with Microsoft Project.

4.19 EXHIBIT 16: DISCLOSURE

Disclosure

The Bidder hereby represents that there are no liabilities, lawsuits, debts, etc.that could reasonably be expected to materially affect the Bidder's ability to arrange the necessary financing for the successful implementation of the proposed Project except: [Complete as necessary].

4.20 EXHIBIT 17: PROPOSED INTERCONNECTION DATA

- 1) Bidder shall provide a detailed Project interconnection schedule that shows cost to interconnect at the distribution and transmission level as follows:
 - a) Only the proposed plant has to interconnect into that facility. Indicate the proposed interconnection configuration and the cost for any network upgrades and any project specific works to satisfy the requirements of interconnection of the Plant to the Grid.

5 APPENDIX B: NOTICE OF RECEIPT OF REQUEST FOR PROPOSAL

The undersigned received (or accessed) the “Request for Proposal for the Economic Development of Montserrat’s Existing Geothermal Wells on a Build, Own, and Operate and Transfer (BOOT) Basis”.

We have reviewed the documents and we intend to submit a Proposal.

Further, we understand that our duly completed Proposal Document will be due on 12 April 2023.

At the present time, we anticipate our Proposal Document will be based upon the following corporate or joint venture arrangements:

Lead Firm :

Address :

Contact Details :

Other Firm/Partner* :

Address :

Contact Details :

Bidder’s Representative :

..... (Name & Designation)

..... (Signature)

Date :

* Details should be provided for each Other Firm/Partner.

6 APPENDIX C: SOURCES FOR ADDITIONAL INFORMATION

Bidders are required to perform their own due diligence in relation to the Project. The PPB does not guarantee the accuracy of information provided by any of the various sources.

Bidders are advised to consult with relevant agencies as deemed appropriate by them. These may include:

- 1) Ministry of Communication, Works, Labour and Energy
- 2) Ministry of Agriculture, Lands, Housing and Environment
- 3) Ministry of Finance and Economic Management
- 4) Montserrat Utilities Limited (MUL)
- 5) Delta Petroleum Limited
- 6) Local Authorities
- 7) Montserrat Port Authority

Bidders may also refer to relevant documents on the electricity sector that are posted on the GoM's website.

7 APPENDIX E: FORM OF CREDIT REPORT

Credit Report

- 1) Name of Individual/Partnerships/Corporations
- 2) Address
- 3) National ID/TRN
- 4) Name of owner/s of the Partnerships/Corporations
- 5) History and extent of credit facilities granted:
 - a. Date banking relationship commenced:
 - b. Credit extended in:

No.	Applicable Period	Category	(XCD\$)
		Low to mid five figures	
		Mid to high five figures	
		Low to mid six figures	
		Mid to high six figures	
		Low to mid seven figures	
		Mid to high seven figures	

- 6) Bankruptcies
- 7) Court judgments
- 8) Other

The bank may relate information solely about its transactions or experiences with the customer. For example, the bank may disclose that the customer had a history of delinquency and could give other information about the status of any loans or deposits with it.

Other information should include but not be limited to customer's creditworthiness, credit standing, credit capacity, character, general reputation, personal characteristics, or mode of living.