

Clarification Questions and Responses

Project Title: Maintenance of Geothermal Wellheads on Montserrat

Date: 28th February, 2022

Clarification Question	Government of Montserrat(GoM) Response
1. Could you please send us better pictures of the identification wellhead plates and each valve or actuator (in the pictures shown it only can be seen the information partially) ?	Additional photos will be added to the google drive before 1st March, 2022.
2. Part of our team is from Venezuela, are there any particular migration requirements to visit Montserrat from Venezuelan citizens?	Venezuelan citizens require a Visa to enter Montserrat. Please see link to immigration link below: https://www.immigration.ms/
3. Is there availability of surface equipment for the well testing activities (Elbows, pipes, valves, separator, etc. or similar) ?	Yes! However, some maintenance work will have to be done on the separator before use. Images and a video of current condition of the separator has been add to the google drive.
4. Where can we find some information about the reservoir conditions, are there any kind of public papers?	Please see links below: https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2014/Brophy.pdf http://www.gov.ms/wp-content/uploads/2014/04/Well-Completion-Report.pdf
5. It is indicated in the ITT that the flow test for MON 1 and MON 2 must be undertaken for a period of 7 days, is that an indicative period? Is it mandatory? that means 7 days in total, 3 and a half days per each well?	The flow testing required will be for eighty-four (84) hours per well.
5.1 In this same line and regarding the flow test, are you considering this activity 24/7?	Yes, this activity is required for 24/7.
5.2 Could you please tell us the capacity of the water ponds where the flow tests will take place ?	The capacity of the water ponds are 1,000m ³

<p>6. From your previous experience, do you think the wells will flow naturally or will it need some sort of stimulation techniques?</p>	<p>A simulation technique will have to be applied.</p>
<p>7. Do you think there is availability for rental equipment like 10 Tones crane, 10 Kva Diesel Power generator, Diesel compressors, within the island ? and Do you think there are potential machine shops or welding shops available in Montserrat ?</p>	<p>Yes! GoM will provide the compressor indicated in the google drive folder.</p>
<p>8. Do you have some Wellhead spare parts availability within your facilities from previous works ?(Bolts, Gaskets, valves, etc.)</p>	<p>No we do not have any Wellhead spare parts available from previous works.</p>
<p>9. Could you please facilitate us a mechanical diagram of the wells and Wellheads?</p>	<p>This information will be included on the google drive folder by the March 2nd, 2022.</p>
<p>10. How many technicians do you want to train?</p>	<p>Eight (8) persons/technicians to be trained.</p>
<p>11. Is there a facility or similar place where onsite training activities could take place?</p>	<p>No facility is available close to the Wells; tents may have to be employed to facility onsite training. A training room is readily available for theoretical training.</p>

<p>12. Is the tubing in good shape and is the air compressor still operational?</p>	<p>Yes. The Compressor was recently maintained.</p>
<p>13. Is the wireline unit still operational?</p>	<p>The unit has not been use since the conclusion of exploration activities, however, as per the picture added to the google drive, the unit is in good physical condition and is anticipated to be functional.</p>
<p>14. Is all the well test equipment use in previous test and operational?</p>	<p>The units have not been use since the conclusion of exploration activities, however, the units are in good physical condition and is anticipated to be functional.</p>
<p>15. Is there an area to dispose of geothermal fluid?</p>	<p>A 1000m³ holding tank is adjacent to both Wells.</p>