



REQUEST FOR INFORMATION

Waste to Energy Facility – Operations Services

The Isle of Man Government wishes to explore the market and/or identify interest from experienced contractors who can provide operations and maintenance services for Waste to Energy Facilities to the Department of Infrastructure (DOI).

Background

The Isle of Man Government (DOI) invites responses to this Request for Information (RFI) in relation to the future operation and maintenance of the Isle of Man Waste to Energy Facility.

The Waste to Energy Facility (the "Facility" or "WTEF") is a vital asset forming a key component of the DOI solid waste management system. The primary unit processes the Isle of Man's post-recycled waste. A new O&M contractor will be expected to continue to achieve an annual waste throughput in the order of 50,000 tonnes, availability of greater than 85%, whilst generating power on a 24/7 basis (between planned outages) to meet the contractual commitments.

The Facility also includes a Secondary Waste Incinerator. This plant is a new unit that is planned to be installed in 2025. It is intended to process secondary waste streams such as clinical waste, animal carcasses and anticipated to incinerated additional hazardous waste streams currently being assessed but likely to include flammable waste, pesticides and some small laboratory wastes. The site also provides a hazardous waste transfer station.

Dating from 2004, the primary plant will require a higher level of regular repair and renovation reflecting its age. Whilst the DOI does continue to conduct regular condition surveys it is noted that remedial works will need to be planned and coordinated to allow day to day service levels to residents to be maintained and periodic plant improvements to be implemented. This requires a degree of collaboration between a future contractor, the DOI and other stakeholders to achieve efficient management of cost, quality and timeframes for Capital Works. For some of these works it will be necessary to plan extended outages and waste will be baled, stored and / or diverted to other disposal sites.

In the future, when the current contract expires, the DOI will need to contract with an entity to operate and maintain the WTEF for a given period of time. The commencement date for the services will be around August 2029 and it may prove effective to provide a transition period leading up to the commencement of full services.

The intent of this Request for Information (RFI) is to seek statements (Responses) from parties (the Respondents) interested in providing services required to operate and maintain a Waste to Energy Facility (WTEF).

While it is anticipated that this RFI may elicit information to help in the development of a Tender or Request for Proposal, the DOI reserves the unfettered right to determine the next steps in the process, which may include negotiation with the incumbent, issuing a Tender or Request for Proposal to Respondents short listed following a Request for Expressions of Interest, issuing a Tender or Request for Proposal to more than the intended

number of short-listed Respondents, collapsing any procurement process entirely or pursuing a different selection process altogether.

This is not an invitation to tender or request for proposal. By participating in the RFI each Respondent expressly agrees that no contract of any kind is formed under, nor any legal obligations whatsoever arise out of this RFI.

More specifically, the intent of this RFI is to understand where the market stands in terms of our requirement below.

Requirement

The DOI is seeking information from qualified Contractors who perform services similar to those that will be required in the future at the WTEF, and which will include:

- Operating and maintaining the entire WTEF in compliance with the DOI Requirements;
- Receiving municipal solid waste and commercial and industrial wastes that is/are delivered by RCVs, trucks and other suitable vehicles that collect from transfer stations, residential, and small business sources;
- Receiving clinical waste and waste oil that is delivered in dedicated clinical bins and metanos containers for waste oil.
- Managing the vehicles delivering and tipping waste to meet target vehicle turnaround times within the WTEF;
- Operating and maintaining the weigh bridges;
- Hauling residues and diverted waste, including during shutdowns / outages, from the WTEF to designated locations;
- Entering into contracts with Third Parties for the provision of, inter alia, utilities, consumables (fuel, lime, activated carbon, ammonia), receipt, treatment and disposal of Incinerator Bottom Ash and Air Pollution Control residues;
- Managing power export systems and liaising with the end user;
- Engaging in and planning of Capital Planning & Capital Works with the DOI from time to time in accordance with an agreed timescale / programme and any regulatory or legal requirement;
- Ensuring the WTEF is managed, operated and maintained to comply with laws, regulations, permits and consents and good engineering practice;
- Supporting the DOI in the delivery of its waste management strategy and engaging with stakeholders.
- Maintaining records and providing regular reporting to the DOI about the performance against targets and objectives as set in the Requirements and included in associated contract documentation and formal standards; including an externally verified annual Environmental Performance report.
- Providing staff, management support, mobile plant and equipment and such other resources as required to manage, operate and maintain the WTEF in accordance with Good/Best Industry Practice.;
- Engaging and collaborating with the DOI in benchmarking and market testing in relation to the provision of these services and any related works including Capital Works from time to time; to assess values, fees and charges in light of the prevailing economic circumstances.
- Handling, storage and export of hazardous waste, including management of transportation and Transfrontier Shipment approvals

Other supporting information:

DOI owns the Waste to Energy Facility located at Richmond Hill, Douglas, Isle of Man, IM4 1JH and shown on the site plan, Annex 1. It includes: site general infrastructure, perimeter fences, gates, weighbridges, roadways and landscaped areas, administration building, main waste to energy plant and secondary incinerator.

Throughout its 20 plus years in service, the facility has performed considerably better than the required regulatory emissions standards.

The Facility undergoes continuous operational improvements and frequent upgrades and is equipped with state-of-the-art pollution control equipment, resulting in low levels of air emissions. Stack emissions and air quality around the facility have been monitored since the facility opened. Emission summaries are reported in accordance with permits and consents.

The facility is permitted by the Isle of Man Environmental Protection Unit which sets requirements related to the facility's operation, including emissions limits, monitoring, reporting and publication.

Responding to this Request for Information

Interested parties are invited to submit a summary of their experience, capability and proposed solution which should cover:

- Please provide information about your organisation and its track record in WtE facility O&M services. Include the number of sites operated, the waste processing capacity of these operations, the operating process streams per site, their age and the geographical area in which they are located.
- Contract viability; please describe a suitable contract term and the scope of services anticipated.
- Express your views on the resources and qualifications of staff required to operate and maintain a small scale WtE Facility.
- Risk apportionment between operator and owner.
- The planning and implementation of major repairs and capital works.
- The reasons why you would be interested to operate an island-based facility.
- Key concerns and factors influencing the decision to participate in a future procurement.

Interested parties may be required to give a presentation in support of their response which will take place via a Team's meeting.

Allocated presentation times will be confirmed, in writing, after the closing date for responses has passed.

By responding to this request it must be understood that, at this stage, the DOI is only exploring options, no commitment is intended or implied and this request may or may not progress through to a competitive tender exercise. An invitation to tender may follow this Request for Information but the Department is not under any obligation to issue invitations to responders to the Request for Information (RFI).

Please be aware that neither the DOI, Procurement Services nor any other part of Isle of Man Government, or any other organisation assisting the Government with the RFI, will accept any liability or any charges for expenses or losses incurred by any interested party as a result of responding to this RFI.

In order to participate in this RFI, your organisation must be registered on the Isle of Man Government's Procurement Portal. If you have not previously registered, please visit <https://intendhost.co.uk/iomg/asp/Home> and select 'Register' from the menu on the right side of the Home Page.

Once you have registered your organisation you should select this RFI from the list of 'Current Tenders' and 'View Details' then click 'Express Interest' at the bottom of the page. Once you have clicked on 'Express Interest' [a 'Form of Acknowledgement' tab will appear]. In order to progress to the next stage of the process you will need to 'Opt-In', [complete the 'Form of Acknowledgment' questionnaire], upload your RFI Response document and click 'Submit Return' before the deadline as detailed below.

Should you have any difficulty in using the website or registering your interest in this way, please contact procurement@gov.im.

Expressions of interest and Form of Acknowledgement must be submitted through the Portal.

RFI submissions must be submitted through the Portal by 12 noon on Thursday 17th October 2024.

Annex 1 – Site Plan

