

Tender Ref No: JTC24T0051



11 October 2024

To: All Applicants

CORRIGENDUM NO. 5

DECARBONISATION LIVING LAB @ JID INNOVATION CALL

Challenge Statement – Data-led Mixed Use Waste Handling

Please take note of the following amendments/clarifications to the above Innovation Call, which shall form part of the original Innovation Call document issued.

1. NEW TENDER DOCUMENT

- (a) The document '00_Challenge statement_02_Data-led Mixed Use Waste Handling.pdf' shall be replaced with the document '00_Challenge statement_02_Data-led Mixed Use Waste Handling_Corr 5.pdf';

Please refer to below link for the documents.

<https://decal-jid.innovation-challenge.sg/problem-statement/data-led-mixed-use-waste-handling.html>

2. CLARIFICATIONS

Please take note of the clarification shown in Annex A which are made in response to the queries received.

3. CLOSING DATE

This Innovation Call Closing Date remains unchanged (i.e. 18 October 2024, not later than 4.00pm).

Your faithfully,
Md Rusydi (Mr.)
Sr Contracts Manager
Contracts and Procurement (Corporate) Division

(This is an electronic document. No signature is required.)

Annex A

S/N	Query	Response
Additional Information		
1	Are waste bins and compactors at the campus owned by SJ or a waste contractor?	The waste bins and compactor are provided by a waste contractor.
2	Are we allowed to replace existing structures (e.g. replace existing recycling bins with smart resource stations)?	The proposal should provide options to retain existing infrastructure with minimally invasive infrastructure as far as possible.
3	Are we allowed to retrofit existing structures (e.g. install sensors or external features on existing bins, deploy sensors on the compactor)?	Minimally invasive sensor installations are encouraged.
4	What are the hardware specifications of the compactor located in the bin centre at the SJ Campus? Are there features that will enable tracking, such as weight sensors, fill sensors, thrower ID tracking, etc?	There current compactor has no such sensors and features.
5	Which waste streams are currently being sent to the compactor?	The compactor receives general "municipal" waste streams.
6	Would we be able to choose our preferred testbed sites within the SJ campus? Or will there be pre-selected areas we are required to trial the solution on?	Tenderers are welcome to propose the testbed sites within SJ Campus. The preference is to pilot one particular floor or block, nominally Tower 2 and Level 4, and to include F&B areas, subject to the approval of all stakeholders.
7	If we can choose our preferred testbed sites, would there be a minimum number of bins/specific areas required to be traced in the project?	In general, each office floor has one set of bins at pantry (general waste, cans and plastics waste), and a paper waste bin at the photocopier area.
8	Are we able to focus on creating a "waste passport" for only one waste stream within the 18-month development timeframe (i.e. to demonstrate a successful "waste passport" for organic waste)	Tenderers are welcome to propose their solutions. Please carefully consider the feasibility and implementation in the proposal within the stipulate duration.
9	Do we need to account for a knowledge transfer and handover of the technology for maintenance upon project completion?	All assets acquired using the funding must be located in Singapore and maintained within the control of the awardees during the duration of the project and 1 year after the project. Knowledge transfer, handover

S/N	Query	Response
		of documenation including O&M manuals shall be discuss thereafter.
10	Can we get an estimation of the amount of food waste that is collected on the SJ campus every day please.	Please refer to the waste report in the document '00_Challenge statement_02_Data-led Mixed Use Waste Handling_Corr 5.pdf' provide in below link: https://decal-jid.innovation-challenge.sg/problem-statement/data-led-mixed-use-waste-handling.html