

Technical Proposal

- Please fill in the appropriate information in the space provided in this Annex III
- Please tick in the appropriate box(es) ☐
- Please insert more rows/sheets if the space provided is not sufficient

Section A - Execution Plan

(A1) Project Proposal – Food Waste Smart Bins (FWSBs)

Item A1 (i) Basic Information of FWSBs		
Sub-items	Description	Supporting Documents, if any
A1.(i).1. Place of Origin		<input type="checkbox"/> Attached, Attachment file no.: _____
A1.(i).2. Name of Manufacturer/ Brand		<input type="checkbox"/> Attached, Attachment file no.: _____
A1.(i).3. Address of the Manufacturer's factory or plant		<input type="checkbox"/> Attached, Attachment file no.: _____

Name of Tenderer:	
-------------------	--

A1.(i).4. Product Name / Model		<input type="checkbox"/> Attached, Attachment file no.: _____
A1.(i).5. Outlook design		<input type="checkbox"/> Attached, Attachment file no.: _____
A1.(i).6. Dimension with technical drawings		<input type="checkbox"/> Attached, Attachment file no.: _____
A1.(i).7. Capacity of the inner container	Sufficient capacity to accommodate a 120 L mobile waste container? <input type="checkbox"/> Yes, dimension of enclosed compartment: _____ <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.: _____
A1.(i).8. Net weight		<input type="checkbox"/> Attached, Attachment file no.: _____
A1.(i).9. Top opening infeed door	<input type="checkbox"/> Yes, height of the top opening lid from the ground: _____ <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.: _____
Item A1 (ii) Technical Information of FWSBs <i>*Essential Requirement</i>		
Sub-items	Description	Supporting Documents, if any
A1.(ii).1. Automatic weighting function	<input type="checkbox"/> Yes, resolution and detection range of weight sensor: _____ <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.: _____

Name of Tenderer:	
-------------------	--

A1.(ii).2. Waterproof design	<input type="checkbox"/> Yes, waterproof standard: _____ <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.: _____
A1.(ii).3. Self-diagnosis function (Fault sensing and notification)	<input type="checkbox"/> Yes, please elaborate: _____ <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.: _____
A1.(ii).4. Coloured lighting to indicate the status of operation	<input type="checkbox"/> Yes, please elaborate: _____ <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.: _____
A1.(ii).5. Fill-level alert system	<input type="checkbox"/> Yes, type of fill-level sensor: _____ mean(s) of notification: _____ <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.: _____
A1.(ii).6. Remote monitoring of recycled food waste using photos/videos	<input type="checkbox"/> Yes, please elaborate: _____ <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.: _____
A1.(ii).7. QR code scanning device for User Identification*	<input type="checkbox"/> Yes, please refer to “ <i>Annex I - Compliance Form of Essential Requirements</i> ”. <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.: _____
A1.(ii).8. Security lock system	<input type="checkbox"/> Yes, type of security lock: _____ <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.: _____
A1.(ii).9. Leakage proof design	<input type="checkbox"/> Yes, please elaborate: _____	<input type="checkbox"/> Attached, Attachment file no.: _____

Name of Tenderer:	
-------------------	--

	<input type="checkbox"/> No	
A1.(ii).10. Automatic door with anti-pinch feature	<input type="checkbox"/> Yes, please elaborate: <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.:
A1.(ii).11. User interface device	<input type="checkbox"/> Yes, please elaborate: <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.:
A1.(ii).12. Multi-language system	<input type="checkbox"/> Yes, languages supported: <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.:
A1.(ii).13. Data Backup Storage	<input type="checkbox"/> Yes, please elaborate: <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.:
Item A1 (iii) Health and Hygiene Features		
Sub-items	Description	Supporting Documents, if any
A1.(iii).1. Auto-deodorization	<input type="checkbox"/> Yes, please provide information on the following: (a) proposed deodorizing agent: (b) frequency of deodorization: (c) amount of deodorizing agent (ml) used per deodorization: (d) mean(s) of notification when running out of deodorizing agent:	<input type="checkbox"/> Attached, Attachment file no.:

Name of Tenderer:	
-------------------	--

	_____ (e) allow adjustment on item (a), (b) & (c) upon request: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	
A1.(iii).2. Automatic pest control system	<input type="checkbox"/> Yes, please provide information on the following: (a) frequency of pest control: _____ (b) proposed means of pest control: _____ <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.: _____

(A2) Project Proposal – Big Data Platform and Warranty Services

Item A2 (i) Big Data Platform		<i>*Essential Requirement</i>
Sub-items	Description	Supporting Documents, if any
A2.(i).1. Real-time communication	<input type="checkbox"/> Yes, mode of data communication: _____ <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.: _____
A2.(i).2. Connection to EPD's common communication platform*	<input type="checkbox"/> Yes, please refer to " <i>Annex I - Compliance Form of Essential Requirements</i> ". <input type="checkbox"/> No	<input type="checkbox"/> Attached, Attachment file no.: _____
A2.(i).3. Big Data Platform with Data Management Interface		<input type="checkbox"/> Attached, Attachment file no.: _____
Please briefly describe and illustrate the details and working mechanisms of the Big Data Platform, including but not limited to, accessibility/login method of the Data Management Interface, information of hardware and		
Name of Tenderer:		

<p>software, the types and format of real-time transaction data and information to be displayed on the Data Management Interface, the types of statistics and analysis of information in the Big Data Platform, and the mechanism for data/ information logging and transfer of transactions from the Big Data Platform to the EPD's Common Communication Platform.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	
Item A2 (ii) Data Quality Management	
<p>Please briefly describe and illustrate the tests and mechanisms for the monthly data quality check for the Big Data Platform to ensure that the data transmitted to the EPD's Common Communication Platform is accurate, reliable, complete and consistent.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>Supporting Documents, if any</p> <p><input type="checkbox"/> Attached, Attachment file no.:</p> <hr/>

Name of Tenderer:	
-------------------	--

Item A2 (iii) Warranty Services	
Please briefly describe and illustrate the details of maintenance service, including but not limited to, the items to be covered under the regular and <i>ad-hoc</i> maintenance services for this Contract and the maintenance schedule. <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	Supporting Documents, if any <input type="checkbox"/> Attached, Attachment file no.: <hr/>

(A3) Timeline and Resources

Item A3 (i) Organisation Chart	
Please provide an organisation chart showing proposed manpower for the supply of Goods. 	Supporting Documents, if any <input type="checkbox"/> Attached, Attachment file no.: <hr/>

Name of Tenderer:	
-------------------	--

Item A3 (ii) Qualifications and relevant project experience																																												
Please provide qualifications and relevant project experience of the key project team members in the table below. Please supplement CVs of the key project team members for supporting.																																												
<table border="1"> <thead> <tr> <th>Name</th> <th>Position/Role</th> <th>Duties</th> <th>Education level and Qualifications</th> <th>Skills and experience</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>					Name	Position/Role	Duties	Education level and Qualifications	Skills and experience																																			
Name	Position/Role	Duties	Education level and Qualifications	Skills and experience																																								
Supporting Documents, if any <input type="checkbox"/> Attached, Attachment file no.: _____																																												
Item A3 (iii) Project Timeline																																												
Please provide project timeline of the supply of Goods and demonstrate the capability to deliver the Goods in meeting the timeline.																																												
Supporting Documents, if any <input type="checkbox"/> Attached, Attachment file no.: _____																																												

Name of Tenderer:	
-------------------	--

(A4) Service Delivery and Management Plan

Item A4 (i) Supervision Plan	
Please briefly describe and illustrate the approach of and the mechanism for staff supervision, including but not limited to, expertise/qualifications of the supervisory staff, mechanism for monitoring of staff performance, staff briefings and training programmes. <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	Supporting Documents, if any <input type="checkbox"/> Attached, Attachment file no.: <hr/>
Item A4 (ii) Quality Assurance Plan	
Please briefly describe and illustrate the approach of and the mechanism to ensure Goods quality and remedy defects in supplying the Goods. <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	Supporting Documents, if any <input type="checkbox"/> Attached, Attachment file no.: <hr/>
Name of Tenderer:	

Item A4 (iii) Complaint Handling Plan	Supporting Documents, if any
To provide a complaint handling plan describing the approach of and the mechanism for managing customer feedback and complaints, including but not limited to, response procedures, resolution timeframes, and record keeping systems.	<input type="checkbox"/> Attached, Attachment file no.: _____

(A5) Innovative Suggestions

Item A5 Innovative Suggestions		
Innovative Suggestion(s)	Details of the Suggestion (How to implement, Benefit/Positive Values, etc.)	Supporting Documents, if any
1.		<input type="checkbox"/> Attached, Attachment file no: _____

Name of Tenderer:	
-------------------	--

2.		<input type="checkbox"/> Attached, Attachment file no: _____
----	--	---

(A6) ESG Proposals

Item A6 ESG Proposals		
ESG Proposal (s)	Details of the Suggestion (How to implement, the aspect of ESG to which the proposals are relevant, Benefit/Positive Values, etc.)	Supporting Documents, if any
1.		<input type="checkbox"/> Attached, Attachment file no: _____

Name of Tenderer:	
-------------------	--

2.		<input type="checkbox"/> Attached, Attachment file no: _____
----	--	---

Name of Tenderer:	
-------------------	--

Section B - Experiences

Please insert more rows if the space provided is not sufficient.

No. of Projects	Project Name	Month AND Year (in chronological order)	Name of key project team member in this Proposal (if involved in the following project)	Description of area(s) covered by the project			Supporting document proof ^{note 1} (Attachment file no.)
				Smart recycling bins	Big data platform	Other smart devices (please specify)	
<i>Example</i>	<i>Provision of smart recycling bins for ABC company</i>	<i>Apr 2018 to Mar 2019</i>	<i>Chan Tai-man</i>	<i>Provided 5 sets of smart recycling bins for setting up at G/F lobby of ABC company in 12 months</i>	<i>Management of the big data platform related to the operation of the 5 sets of smart bins</i>	<i>Nil</i>	<i>File 1</i>
<i>1</i>							
<i>2</i>							

Note 1: Example of supporting documents for past projects, e.g. purchase order, approval letter, appointment letter, project completion form or equivalent.

Name of Tenderer:	
-------------------	--

Checklist of key supporting documents for Technical Proposal:
<input type="checkbox"/> Technical proposal (this Annex III)
<input type="checkbox"/> Catalogues/Specification and drawings of the proposed food waste smart bin
<input type="checkbox"/> Catalogue/ material safety datasheet/ specification/ laboratory test result of the proposed deodorizing agent
<input type="checkbox"/> Catalogue/ technical specification of the proposed means of pest control
<input type="checkbox"/> Completed Compliance Form of Essential Requirements (Annex I)
<input type="checkbox"/> Organisation chart showing proposed manpower for the supply of Goods
<input type="checkbox"/> CV(s) of key project team members
<input type="checkbox"/> Supporting documents for past projects
<input type="checkbox"/> Information Schedule (Company Business Organisation Status) (Annex VI)
<input type="checkbox"/> Confirmation of Compliance with Anti-Collusion Requirement (Annex VII)
<input type="checkbox"/> Offer to be Bound (Annex VIII)
<input type="checkbox"/> Schedule of Compliance (Annex IX)
<input type="checkbox"/> Contact Details (Annex XI)
<input type="checkbox"/> Other relevant documents in support of the proposal: _____

Others
<input type="checkbox"/> We understand site visit may be performed before / after the selection of supplier to verify the specifications and functions of the food waste smart bin stated in the documents. Suppliers may be removed from the selection list if any of the above requirements are not fulfilled.

Name of Tenderer:	
-------------------	--