

Technical Proposal – Contract (A) / Contract (B)* (*Please delete as appropriate)

- 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		☐ Attached, Attachment file no.: _____
A1.(i).2. Name of Manufacturer/ Brand		☐ Attached, Attachment file no.: _____
A1.(i).3. Address of the Manufacturer's factory or plant		☐ Attached, Attachment file no.: _____

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A1.(i).4. Product Name / Model		☐ Attached, Attachment file no.: _____
A1.(i).5. Outlook design		☐ Attached, Attachment file no.: _____
A1.(i).6. Dimension with technical drawings		☐ Attached, Attachment file no.: _____
A1.(i).7. Capacity of the inner container	Sufficient capacity to accommodate a 120 L mobile waste container? ☐ Yes, dimension of enclosed compartment: _____ ☐ No	☐ Attached, Attachment file no.: _____
A1.(i).8. Net weight		☐ Attached, Attachment file no.: _____
A1.(i).9. Top opening infeed door	☐ Yes, height of the top opening lid from the ground: _____ ☐ No	☐ 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	☐ Yes, resolution and detection range of weight sensor: _____ ☐ No	☐ Attached, Attachment file no.: _____

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

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	☐ _____ ☐ No	☐ _____
A1.(ii).10. Automatic door with anti-pinch feature	☐ Yes, please elaborate: ☐ No	☐ Attached, Attachment file no.: ☐ _____
A1.(ii).11. User interface device	☐ Yes, please elaborate: ☐ No	☐ Attached, Attachment file no.: ☐ _____
A1.(ii).12. Multi-language system	☐ Yes, languages supported: ☐ No	☐ Attached, Attachment file no.: ☐ _____
A1.(ii).13. Data Backup Storage	☐ Yes, please elaborate: ☐ No	☐ Attached, Attachment file no.: ☐ _____
Item A1 (iii) Health and Hygiene Features		
Sub-items	Description	Supporting Documents, if any

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A1.(iii).1. Auto-deodorization	☐ Yes, please provide information on the following: (a) proposed deodorizing technology/method: (b) details of the proposed deodorizing technology/method: (c) allow adjustment on item (a) & (b) upon request: ☐ Yes ☐ No ☐ No	☐ Attached, Attachment file no.:
A1.(iii).2. Automatic pest control system	☐ Yes, please provide information on the following: (a) frequency of pest control: (b) proposed means of pest control: ☐ No	☐ Attached, Attachment file no.:

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(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	☐ Yes, mode of data communication: _____ ☐ No	☐ Attached, Attachment file no.: _____
A2.(i).2. Connection to EPD's common communication platform*	☐ Yes, please refer to " <i>Annex I - Compliance Form of Essential Requirements</i> ". ☐ No	☐ Attached, Attachment file no.: _____
A2.(i).3. Big Data Platform with Data Management Interface 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 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 and IWMIS. _____ _____ _____ _____ _____ _____		☐ Attached, Attachment file no.: _____
Name of Tenderer: _____		

Item A2 (ii) Data Quality Management and Auto Report Generation	
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 and IWMIS is accurate, reliable, complete and consistent. Please briefly describe the mechanism of automatic weekly report generation to report all of the out-of-service incidents, maintenance and repair records and follow-up actions taken in the Big Data Platform. Please provide a template on the report format and describe how the report will be delivered to the designated ECC Representatives.	Supporting Documents, if any ☐ Attached, Attachment file no.:

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Please briefly describe and illustrate the details of maintenance service, including but not limited to, the items to be covered under the regular and *ad-hoc* maintenance services for this Contract and the maintenance schedule.

[illegible]☐ Attached, Attachment file no.:

Please provide an organisation chart showing proposed manpower for the supply of Goods.

☐ Attached, Attachment file no.:

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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.					Supporting Documents, if any ☐ Attached, Attachment file no.: _____
Name	Position/Role	Duties	Education level and Qualifications	Skills and experience	

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 ☐ Attached, Attachment file no.: _____

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(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. 	Supporting Documents, if any ☐ Attached, Attachment file no.:
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. 	Supporting Documents, if any ☐ Attached, Attachment file no.:
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.	☐ Attached, Attachment file no.: _____

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(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.		☐ Attached, Attachment file no:
2.		☐ Attached, Attachment file no:

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(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.		☐ Attached, Attachment file no:
2.		☐ Attached, Attachment file no:

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Section B - Experiences

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

- i. Aggregate experience of the key project team member OR the Tenderer in the management of big data platform for the operation of food waste smart bins

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 the project	Supporting document proof ^{note 1} (Attachment file no.)
<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>File 1</i>
1					
2					
3					

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

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

- ii. The Tenderer's proven record and experience in provision of food waste smart bins to public rental housing estates and private housing estates

No.	Name of Housing Estate	Month AND Year of Commissioning of Food Waste Smart Bins (in chronological order)	Number of Food Waste Smart Bins
<i>Example</i>	<i>ABC Estate</i> <i>Provision of smart recycling bins for ABC company</i>	<i>Jan 2022</i>	<i>5</i>
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			

Total of Food Waste Smart Bins: _____

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Checklist of key supporting documents for Technical Proposal:
☐ Technical proposal (this Annex III)
☐ Catalogues/Specification and drawings of the proposed food waste smart bin
☐ Catalogue/ material safety datasheet/ specification/ laboratory test result of the proposed deodorizing agent
☐ Catalogue/ technical specification of the proposed means of pest control
☐ Completed Compliance Form of Essential Requirements (Annex I)
☐ Organisation chart showing proposed manpower for the supply of Goods
☐ CV(s) of key project team members
☐ Supporting documents for past projects
☐ Information Schedule (Annex VI)
☐ Non-collusive Tendering Certificate (Annex VII)
☐ Offer to be Bound (Annex VIII)
☐ Contact Details (Annex X)
☐ Other relevant documents in support of the proposal: _____

Others
☐ 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.

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