

## DB SCHENKER SINGAPORE

### DIGITAL CHALLENGE CALL FOR LOGISTICS WAREHOUSES

#### Introduction

1. With over 50 years of expertise and a strong customer portfolio ranging across various sectors, DB Schenker Singapore is a leading integrated logistics service provider in the region, with 14 warehouses island wide. As part of our sustainability journey, Schenker Singapore is taking concrete actions to decarbonize our operations, with a goal to reach net zero for all our sites in Singapore by 2030. To achieve this goal, we urgently need solutions to optimize the operations and energy efficiency of our logistics centers. Hence, the **DB Schenker Digital Challenge Call** is launched to harness the potential of digital technology as a key enabler to manage the use of resources and achieve sustainability in our warehouse management.

#### Scope of Challenge Call

2. This Challenge Call will focus on **Schenker Singapore's owned sites/ warehouses**, with the aim to address their challenge statements and co-create sustained energy savings solutions. The three focus sites are:
  - a. SLC
  - b. SLC 1
  - c. SLC 2

#### Objective

3. Based on the company's sustainability goals and Net Zero commitment, DB Schenker Singapore will onboard digital solutions providers to deliver these two main outcomes for the Challenge Call:
  - a. Achieve Net Zero (Zero Energy and Zero Carbon) for all 3 sites by 2026 or earlier,
  - b. Bring down Energy Use Intensity (EUI) of each site by at least 50%
4. The key deliverables of the Digital Challenge Call are: (*refer to **Annex B** for detailed wish list*)
  - a. Demand response capability of energy management
  - b. Centralized Building Management and Control System for all sites,
  - c. Integration of Building Performance Data Monitoring into Building Recertification platform

#### Eligibility

5. This call is open to local and global digital technology firms with the relevant technology or innovative solutions with at least 3 years of operations, to address the following challenge statements of each building in **Annex A**. Participants must be driven to develop and test their solutions in all the warehouses during and after the challenge, and/ or partner with a local industry player.
6. Participants must complete the **Organization Information Application Form**. Incomplete submissions will not be accepted.

## Evaluation Criteria

7. The following main criteria will be used for the evaluation of proposals:
  - a. Energy efficiency  
Proposals submitted must meet the energy savings targets set for each warehouse stated in the challenge statements of each building in **Annex A**.
  - b. Simplicity  
Technology must be practical and user-friendly for non-technical users like facility managers and management team to access and easily adapt to the usage.
  - c. Scalability  
Potential scalability of technologies across other Schenker's warehouses
  - d. Cost effectiveness  
The solutions developed are cost effective with parameters such as attractive return on investment and attractive cost benefit analysis.
  - e. Novelty and innovation  
Improve current practices of logistics centers operations and setting standards for the industry.

## Award

8. The Winner of the Challenge Call will be awarded the contract to provide solutions for all three logistics centers.

## Application and Evaluation Process

9. Participants are required to submit information on the organization via email: [digital-challenge-call@dbschenker.com](mailto:digital-challenge-call@dbschenker.com) using the **Organization Information Application Form** template provided by **20 November 2023, 2359 hours** (Singapore time).
10. Shortlisted participants will be invited to attend an in-person Information Session on **24 November 2023** to learn more about the Digital Challenge Call and the application process.
11. Participants are encouraged to attend the Schenker Open Day for all sites and consult Schenker's sustainability consultant during the Engagement Period (Mid-November to End-December) to better understand the challenges when preparing for the proposals.
12. Participants are required to submit the submission form and the proposal in the format of a 15-minute presentation recording by **31 January 2024, 2359** (Singapore time). **Participants are encouraged to submit the presentation video earlier as the review will be done on a rolling basis.**
13. Successful shortlisted proposals will be notified via email to submit the final Technical and Commercial proposals by **21 February 2024, 2359** (Singapore time), with a follow-up final proposal interview on **23 February 2024** (time to be confirmed)
14. Participant whose final proposals has been selected will be notified via email on **1 March 2024** for finalization of scope of work and award of contract.

### Information Session

15. There will be an in-person information session to shortlisted parties on **24 November 2023 (Friday)**. Please confirm your attendance by 22 November 2023 via by replying to the invitation email.

### Indicative Timeline

16. Indicative timeline of the Challenge Call is as follows:

Activities	Indicative Timeline
Launch of Challenge Call	8 November 2023
Information Session	24 November 2023
Engagement Period – Schenker Open Day & Consultation between applicants and sustainability consultant	November – December 2023
Submission deadline: Video Pre-recording of Solutions	31 January 2024
Notification of shortlisted proposals to proceed with final proposal submission	7 February 2024
Submission deadline: Final Technical and Commercial Proposal	21 February 2024
Proposal interview	23 February 2024
Notification of final winner and award of proposal of the Challenge Call	1 March 2024

### Rights of Awarding

17. DB Schenker Singapore reserves the right to select proposals to be awarded. For the avoidance of doubt, DB Schenker Singapore reserves the right not to award any proposal.

### Enclosed Annexes

Organization Information Application Form

Annex A: Challenge Statements and Building Information Details  
*(will be made available for shortlisted participants and signed NDA)*

Annex B: Digital Challenge Call Wish List