Company	Brightree Pte Ltd
Digital Solution Name & Version Number[1]	Brightree Vessel Management Version 1.0 - Package (Advanced)
Appointment Period	2 March 2020 to 1 March 2021
Extended Appointment Period[2]	2 March 2021 to 1 March 2022

Standard Packaged Solution (ie. Minimum items to be purchased)

Cost Item	Unit Cost (S$)	Unit	Quantity	Subtotal (S$)	Qualifying Cost * (S$)
1) Software / Subscription fee Advanced Vessel Management - Inclusive of the following features: • Monitoring of fuel consumption • GPS Tracking including speed, distance traveled and Geofencing • E-logging • Conditional Engine Monitoring including performance, vibration, sound and temperature • Maintenance record management • SMS alerts (limit to 300 SMS alerts per month) • Up to 5 user account / Technical Support • Technical Support (email, phone). Mon-Fri. 9am~6pm.		per year	1		
2) Hardware Remote Terminal Unit on board vessel (Dandelion)		per device	1		
4G Router + GPS external antenna (4Faith F7826 GPS, LTE & Wifi Router or equivalent)		per device	1		
4G external antenna (NA-BC3G-03NJ LTE Omni-directional Antenna or equivalent)		per device	1		
3 vibration sensors and 1 controller (per main engine and generator)		per bundle	1		
Coriolis mass flow meter 1/2" line size (main engine, flange mount)		per unit	2		
Coriolis mass flow meter 1/4" line size (main engine, flange mount)		per unit	2		
Transmitter for Coriolis mass flow meter (1 unit for 1 unit of flow meters)		per unit	4		
Note: - Most harbour crafts have 2 main engines and 2 generators. - Typical vibration sensor setup with 3 sensors and 1 controller on 1 main engine and 1 generator pair. - Most harbour crafts have 2 main engine and would require 2x 1/2" mfm, 2x 1/4" mfm and 4x transmitters. - Typical mass flow meter setup with common 1/2" and 1/4" line size for supply line and return of main engine. Other sizes pending site survey.					
3) Professional Services Software Installation – Laptop Ver 1.0		per device	1		
Software Installation – Andriod Ver 1.0		per device	1		
Site Survey in Singapore by Brightree		per manday	1		
Commissioning in Singapore by Brightree		per manday	1		
Site Survey in Singapore by flow meter maker		per manday	1		
Commissioning in Singapore by flow meter maker		per manday	1		
Site Survey in Singapore by vibration sensor maker		per manday	1		
Commissioning in Singapore by vibration sensor maker		per manday	1		
4) Training User Training in Singapore		per manday	1		
5) Others Not Applicable					
Total				$ 57,025.00	$ 49,445.00

[1] A higher upgrade of the software version is acceptable, for example solution version 3.x allow anything from 3.0 to 3.99999

[2] As specified in the Letter of Appointment, IMDA may exercise the option to extend the Appointment Duration for an additional one-year ("Extended Appointment Period")

* Qualifying cost refers to the supportable cost to be co-funded under the grant