

Supply of One (1) Fireboat for the Fire Services Department

Schedule 1 – Price Schedule

To: The Government of the Hong Kong Special Administrative Region of the People's Republic of China

1. This tender is submitted by or on behalf of _____
(hereinafter referred to as "Tenderer").
2. This Invitation to Tender relates to the procurement of the Vessel as per the Contract.

Part 1 – Vessel				
Description	Item (See Note 1)	Quantity	Unit Price (HKD/USD)* (See Note 5)	Sub-Total Price
Vessel – Fireboat together with all Equipment and the Daughter Boat in compliance with all requirements of the Contract including those set out in the Technical Specifications and all Work in respect of such Vessel to be performed in accordance with the Contract, all Documentation including the As-Fitted Plans and Drawings, and Training.	Item 1 – Vessel	1 Vessel	A =	A x 1 =
	Sub-Total: Item 1 A x 1 =			
Part 2 – Spare Parts				
Description	Item (See Note 2)	Quantity	Unit Price (HKD/USD)* (See Note 5)	Sub-Total Price
Spare Parts supplied as spares in compliance with all requirements of the Contract including those set out in the Technical Specifications.	Item 2 – Main engine	1 Unit	B ₁ =	B ₁ x 1 =
	Item 3 – Gearbox	1 Unit	B ₂ =	B ₂ x 1 =
	Item 4 – Electric generator	1 Unit	B ₃ =	B ₃ x 1 =
	Item 5 – Bow Thruster, including power pack, gearing and coupling	1 Set	B ₄ =	B ₄ x 1 =
	Item 6 – Propeller shaft (Port)	1 Unit	B ₅ =	B ₅ x 1 =
	Item 7 – Propeller shaft (Mid)	1 Unit	B ₆ =	B ₆ x 1 =
	Item 8 – Propeller shaft (Starboard)	1 Unit	B ₇ =	B ₇ x 1 =

	Item 9 – Propeller (Port)	1 Unit	B ₈ =	B ₈ x 1 =
	Item 10 – Propeller (Mid)	1 Unit	B ₉ =	B ₉ x 1 =
	Item 11 – Propeller (Starboard)	1 Unit	B ₁₀ =	B ₁₀ x 1 =
	Item 12 – Power Take-off Fire Pump	1 Unit	B ₁₁ =	B ₁₁ x 1 =
	Item 13 – Power Take-off Gearbox for Item 12	1 Unit	B ₁₂ =	B ₁₂ x 1 =
	Item 14 – Independent Diesel Engine	1 Unit	B ₁₃ =	B ₁₃ x 1 =
	Item 15 – Fire Pump for Item 14	1 Unit	B ₁₄ =	B ₁₄ x 1 =
	Item 16 – Gearbox for Item 14	1 Unit	B ₁₅ =	B ₁₅ x 1 =
	Item 17 – Power Pack and Operating Mechanism for Stern Launching System	1 Set	B ₁₆ =	B ₁₆ x 1 =
	Sub-Total: Items 2 to 17 B ₁ x 1 + B ₂ x 1 + B ₃ x 1 + B ₄ x 1 + B ₅ x 1 + B ₆ x 1 + B ₇ x 1 + B ₈ x 1 + B ₉ x 1 + B ₁₀ x 1 + B ₁₁ x 1 + B ₁₂ x 1 + B ₁₃ x 1 + B ₁₄ x 1 + B ₁₅ x 1 + B ₁₆ x 1 =			
Part 3 - Ship Model				
Description	Item (See Note 6)	Quantity	Unit Price (HKD/USD)* (See Note 5)	Sub-Total Price
Ship Model in compliance with the requirements in Paragraph 11.2.6 of the Technical Specifications.	Item 18 - Ship Model	2 Units	C =	C x 2 =
	Sub-Total: Item 18 C x 2 =			
Total Purchase Price (i.e. The sum of the Sub-Total for Items 1 to 18 specified above):	(See Notes 3 and 4) A x 1 + B ₁ x 1 + B ₂ x 1 + B ₃ x 1 + B ₄ x 1 + B ₅ x 1 + B ₆ x 1 + B ₇ x 1 + B ₈ x 1 + B ₉ x 1 + B ₁₀ x 1 + B ₁₁ x 1 + B ₁₂ x 1 + B ₁₃ x 1 + B ₁₄ x 1 + B ₁₅ x 1 + B ₁₆ x 1 + C x 2 =			

- Note 1: The Sub-Total for Item 1 in Part 1 is the price of the requested number of Vessel, and Equipment for such Vessel in compliance with all requirements of the Contract including those set out in the Technical Specifications and all Work in respect of such Vessel to be performed in accordance with the Contract, all Documentation including the As-Fitted Plans and Drawings, and Training.
- Note 2: Spare Parts in Part 2 are additional parts to be procured by the Government separate from the Vessel.
- Note 3: For the avoidance of doubt, no payment to the Contractor shall be construed as or imply acceptance of any Work or Vessel, Equipment or Deliverables, or that any Work or Vessel, Equipment or Deliverables are in accordance with the Contract or relieve, limit or diminish any of the Contractor's obligations or liabilities under the Contract or otherwise or limit or prejudice any rights or remedies of the Government under the Contract or otherwise.
- Note 4: **A tender must offer to supply all the items specified in this Schedule. A partial tender for some but not all items specified in this Schedule will not be considered. Please refer to Clause 12.1 of the Conditions of Tender for details.**
- Note 5: Please refer to Clause 12.2 of the Conditions of Tender and specify the currency quoted.
- Note 6: A Tenderer shall submit the unit price quotations for all items as required in this Schedule before the Tender Closing Date. A Tenderer should enter "no charge" or other equivalent expression for the ship model where it is offered on a "free of charge" basis.

* Delete as appropriate

Schedule 2 - Delivery Schedule

Item	Description	Delivery Date	Remarks
Item 1	Vessel as specified in Part 1 of Schedule 1, all in Ready for Use condition and delivered to the Government Dockyard	Within twenty-six (26) months after the Contract Date	See the Notes below
Items 2 to 16	All Spare Parts as specified in Part 2 of Schedule 1 in Ready for Use condition and delivered to the Government Dockyard	To be delivered to the Government together with the Vessel (i.e. Item 1) stated above	
Item 17	Ship Models as specified in Part 3 of Schedule 1 delivered to the Government Dockyard	To be delivered to the Government together with the Vessel (i.e. Item 1) stated above	

Note 1: The Contractor shall provide the Government with fourteen (14) days advance notice in writing of Vessel's delivery.

Note 2: All the items described in Items 1 to 17 above shall be delivered to the Government Dockyard.

Schedule 3 - Payment Schedule and Retention Money

No.	Stages	Instalment Payment in Percentage	A portion of the Instalment Payment to be Retained
1.	This instalment shall be payable on the Contract Date upon satisfaction of all of the following: (a) receipt by the Government of (i) an Advance Payment Bond in the form set out in Annex A to the Conditions of Contract in the same amount as this instalment, and (ii) the Contract Deposit equal to 2% of the Total Purchase Price in the form set out in Annex A to the Conditions of Contract; and (b) at the option of the Contractor, it has elected to receive this instalment upon the fulfilment of the aforementioned (a)(i) and (a)(ii) by issuing an invoice to the Government for the same after fulfilment of (a)(i) and (a)(ii).	Ten percent (10%) of the Sub-total for Item 1 as specified in Schedule 1	Not Applicable
2.	This instalment shall only be payable upon satisfaction of all of the following: (a) completion of hull structures of the Vessel and (b) receipt by the Government of an Advance Payment Bond in the form set out in Annex A to the Conditions of Contract in the same amount as this instalment; and (c) at the option of the Contractor, it has elected to receive this instalment upon fulfilment of (a) and (b) by issuing an invoice to the Government for the same after fulfilment of (a) and (b).	Twenty percent (20%) of the Sub-total for Item 1 as specified in Schedule 1	Not Applicable
3.	This instalment shall only be payable upon satisfaction of all of the following: (a) completion of installation of the main engines, gearbox and propulsion system on the Vessel and (b) upon receipt by the Government of an Advance Payment Bond in the form set out in Annex A to the Conditions of Contract in the same amount as this instalment; and (c) at the option of the Contractor, it has elected to receive this instalment upon fulfilment of (a) and (b) by issuing an invoice to the Government for the same after fulfilment of (a) and (b).	Twenty percent (20%) of the Sub-total for Item 1 as specified in Schedule 1	Not Applicable
4.	This instalment shall be payable on issuance of the Acceptance Certificate of the Vessel;	Fifty percent (50%) of the Sub-total for Item 1 as specified in Schedule 1	Five percent (5%) of the Total Purchase Price
5.	If and to the extent the Contractor has not elected to receive any of the Optional Instalments, such Optional Instalment(s) shall also be payable upon the issuance of the Acceptance Certificate of the Vessel.	The amount of the Optional Instalment(s) which is payable as specified opposite (if any)	Not applicable

6.	Each instalment below shall be payable upon the written confirmation for acceptance by the Government on receipt from the Contractor the following Items: (a) Spare Parts (Schedule 1 - Items 2 to 17) (b) Ship Model of the Vessel (Schedule 1 - Item 18)	One hundred percent (100%) of the Sub-total price of each relevant items as specified in Schedule 1	Not Applicable
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Note 1: Each of Instalments No. 1, No. 2 and No. 3 are “Optional Instalments”. Each of them is only payable where the Contractor has elected to receive the same by issuing an invoice to the Government upon the fulfilment of the other conditions specified in the second column of the relevant instalment. If the Contractor does not elect to receive an Optional Instalment by issuing an invoice within one month upon such fulfilment, such Optional Instalment will only become payable when the Acceptance Certificate for the Vessel has been issued.

Note 2: In relation to each instalment No. 2 and No. 3 specified above, the event specified in (a) of the second column shall only be treated as to have apparently taken place if the Government confirms to this effect in writing based on the evidence available to the Government.

Note 3: In relation to each instalment No. 1, No. 2 and No. 3, in addition to the event specified in (a) in the second column which is required to trigger its payment, an Advance Payment Bond in the form set out in Annex A to the Conditions of Contract shall be provided before such instalment is payable. For instalment No. 1, the Contract Deposit equal to 2% of the Total Purchase Price shall also be provided before such instalment is payable.

Note 4: If, at the Contractor’s request, payment is to be made to the Contractor’s overseas bank account, the overseas bank charges shall be borne by the Contractor.

Note 5: Each Advance Payment Bond to be delivered before an instalment is payable shall cover the amount of that instalment.

Note 6: The total retention money withheld by the Government shall be equal to 5% of the Total Purchase Price as specified in Schedule 1 (“Retention Money”). The Retention Money so retained (or the balance thereof, if any, after any deductions as the Government may make) shall be released as follows:

- (a) The entire Retention Money shall be released after completion of the Warranty Period (or if there are more than one Vessel being acquired, the last of the Warranty Periods) (including any extension) unless (b) below applies;
- (b) If any defect in one or more Warranty Item is not fixed upon expiry of the Warranty Period (or if there are more than one Vessel being acquired, the last of the Warranty Periods) (including any extension), without prejudice to the other rights and claims of the Government, the entire Retention Money or such part thereof (as determined by the Government at its absolute discretion) shall continue to be retained and shall not be released until (i) if the Government requires the Contractor to continue to fix the defect, the Contractor has fixed such defect to the satisfaction of the Government, or (ii) if the Government has on its own or appointed a third party contractor to fix the defect, the amount incurred thereby has been arrived at and deducted from the Retention Money.

Note 7: For the avoidance of doubt, no payment to the Contractor shall be construed as or imply acceptance of any Work or Vessel, Equipment or Deliverables, or that any Work or Vessel, Equipment or Deliverables are in accordance with the Contract or relieve, limit or diminish any of the Contractor’s obligations or liabilities under the Contract or otherwise or limit or prejudice any rights or remedies of the Government under the Contract or otherwise.

Schedule 4 - Liquidated Damages for Certain Breaches of Contract

Part	Item	Liquidated Damages Applicable
Part 1	A Vessel (Item 1) as specified in Part 1 of Schedule 1.	<p>If the Contractor fails to deliver to the Delivery Location a Vessel and all Equipment thereon, by the Delivery Date stipulated in Schedule 2, all in Ready for Use condition, whether because of the Vessel or of any Equipment's failure to pass any part of the tests and trials in the Technical Acceptance or failure to comply with any requirement of the Contract (including without limitation in the Technical Specifications, the Warranties or in the Schedules), or even if such delivery has been made, but fails to procure and ensure that that Vessel and all Equipment thereon pass the Delivery Acceptance to the satisfaction of the Government by the same Delivery Date (a "Delayed Vessel"), the Contractor shall pay to the Government for each day or part thereof of delay for that Delayed Vessel an amount equal to 0.125% of the Vessel Unit Price.</p> <p>The aggregate amount payable by the Contractor in respect of each Delayed Vessel shall be capped at a maximum of 15% of the Vessel Unit Price.</p>
Part 2	The Spare Parts (Items 2 to 17) as specified in Part 2 of Schedule 1.	Not applicable
Part 3	The Ship Model (Item 18) as specified in Part 3 of Schedule 1	Not applicable

Schedule 5 - Statement of Compliance for the Essential Requirements

Item	Tender Reference	Essential Requirements concerning experience	Compliance Statement (State here Yes or No)
1(a)	Clause 8.1 of Part II of the Tender Documents	<p>In the past ten (10) years prior to the Original Tender Closing Date, the Tenderer must have:</p> <ul style="list-style-type: none"> (i) an aggregate of at least three (3) years' experience in performing and completing one or more vessel design and construction project(s) ("Vessel Project(s)"), with at least one (1) mono-hull vessel of aluminium hull; and (ii) supplied such vessel(s) to at least one (1) government law enforcement, rescue or military agency. 	<p>Yes/No *</p> <p>If Yes, please provide details as required in Notes 1 and 2.</p>
1(b)	Clause 8.1 of Part II of the Tender Documents	<p>In the past ten (10) years prior to the Original Tender Closing Date, the Tenderer must have designed, built and delivered:</p> <ul style="list-style-type: none"> (i) at least one (1) aluminium vessel which is / are powered by two engines, with a Length Overall (LOA) not less than 30 metres; and (ii) such vessel must have achieved the speed of at least 20 knots. 	<p>Yes/No *</p> <p>If Yes, please provide details as required in Notes 1 and 2.</p>
1(c)	Clause 8.1 of Part II of the Tender Documents	<p>In the past ten (10) years prior to the Original Tender Closing Date, the tenderer must have completed:</p> <ul style="list-style-type: none"> (i) at least one (1) Vessel Project for mono-hull vessels with Inherent Self-Righting capability and a Length Overall (LOA) of not less than 15 metres; and (ii) such vessel must have achieved the speed of at least 20 knots. <p style="text-align: center;">or</p> <p>The Tenderer must have engaged in an agreement or signed a letter of intent, on or before the Original Tender Closing Date with a vessel design expert consultant who will design the self-righting vessel in the event that the Tenderer has been awarded with that contract. The self-righting expert consultant must have relevant working experience within the past ten (10) years from the Original Tender Closing Date on the design for mono-hull vessel with:</p> <ul style="list-style-type: none"> (i) Inherent Self-Righting capability and a Length Overall (LOA) of not less than 15 metres; and (ii) such vessel must have achieved the speed of at least 20 knots. 	<p>Yes/No *</p> <p>If Yes, please provide details as required in Notes 1 and 2.</p>

Item	Tender Reference	Essential Requirements in Part VII	Compliance Statement (State here Yes or No)								
2	Paragraph 2.3.1 of Part VII of the Tender Documents	The Vessel shall be designed and constructed in accordance with the latest edition of the rules and regulations of an RO. The Tenderer shall state in Schedule 9 of Part V which RO and its rules and regulations and class notation shall be used in the design and construction of the Vessel.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.								
3	Paragraph 2.4.1 of Part VII of the Tender Documents	<p>The Operational Hours / Range shall meet the following requirements:</p> <table border="1" data-bbox="512 685 1216 990"> <tr> <td>Number of days the Vessel will be used in a year :</td> <td>Unrestricted</td> </tr> <tr> <td>Number of hours cruise running in normal daily operation:</td> <td>850 hours/year</td> </tr> <tr> <td>Number of hours running non-stop at maximum speed:</td> <td>150 hours/year</td> </tr> <tr> <td>Endurance range required:</td> <td>8 hours at 25 knot</td> </tr> </table>	Number of days the Vessel will be used in a year :	Unrestricted	Number of hours cruise running in normal daily operation:	850 hours/year	Number of hours running non-stop at maximum speed:	150 hours/year	Endurance range required:	8 hours at 25 knot	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.
Number of days the Vessel will be used in a year :	Unrestricted										
Number of hours cruise running in normal daily operation:	850 hours/year										
Number of hours running non-stop at maximum speed:	150 hours/year										
Endurance range required:	8 hours at 25 knot										
4	Paragraph 2.5.1 of Part VII of the Tender Documents	The Contract Speed shall be not less than 25 knots when all the propulsion engines running with the output power at 90% of Maximum Continuous Rating (MCR) under Official Speed Trial Conditions as stated in Annex 5 to Part VII.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.								
5	Paragraph 2.6 of Part VII of the Tender Documents	<p>Principal Dimensions :</p> <table border="1" data-bbox="525 1406 1166 1592"> <tr> <td>Length Overall (LOA) :</td> <td>35.0 – 38.0 metres (Fenders included)</td> </tr> <tr> <td>Breadth Overall :</td> <td>Not less than 6 metres</td> </tr> <tr> <td>Maximum Draught :</td> <td>Not exceeding 3.5 metres</td> </tr> </table>	Length Overall (LOA) :	35.0 – 38.0 metres (Fenders included)	Breadth Overall :	Not less than 6 metres	Maximum Draught :	Not exceeding 3.5 metres	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.		
Length Overall (LOA) :	35.0 – 38.0 metres (Fenders included)										
Breadth Overall :	Not less than 6 metres										
Maximum Draught :	Not exceeding 3.5 metres										
6	Paragraph 2.7 of Part VII of the Tender Documents	<p>Material of the Vessel Structure :</p> <table border="1" data-bbox="525 1800 1197 1944"> <tr> <td>Hull Structure :</td> <td>Marine Grade Aluminium Alloy</td> </tr> <tr> <td>Main Deck :</td> <td>Marine Grade Aluminium Alloy</td> </tr> <tr> <td>Superstructure :</td> <td>Marine Grade Aluminium Alloy</td> </tr> </table>	Hull Structure :	Marine Grade Aluminium Alloy	Main Deck :	Marine Grade Aluminium Alloy	Superstructure :	Marine Grade Aluminium Alloy	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.		
Hull Structure :	Marine Grade Aluminium Alloy										
Main Deck :	Marine Grade Aluminium Alloy										
Superstructure :	Marine Grade Aluminium Alloy										

7	Paragraph 2.8.1 of Part VII of the Tender Documents	Three fixed pitch propellers shall be driven by three marine diesel engines. Each of these marine diesel engines shall be supplied by the same manufacturer, for which shall be of the same model and with the same horse power rating.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.
8	Paragraph 2.8.3 of Part VII of the Tender Documents	The Vessel shall be equipped with one (1) external fire-fighting pump driven by independent diesel engine.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.
9	Paragraph 2.8.4 of Part VII of the Tender Documents	The Vessel shall be equipped with a bow thruster for station keeping and harbour manoeuvring.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.
10	Paragraph 3.2.1 (a) of Part VII of the Tender Documents	The hull of the Vessel shall have a double bottom, which shall be accessible by a person of average built. The Vessel shall be designed and manufactured to be able to handle adverse weather conditions whilst operating in shallow waters. The double bottom shall be painted and protected from sea water corrosion. The construction of double bottom shall comply with Chapter 2 of High Speed Craft Code.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.
11	Paragraph 3.2.7 of Part VII of the Tender Documents	All ventilation openings, including engine compartment ventilation, other compartments ventilation, fuel oil tank, fresh water tank and exhaust openings, shall be: (a) located such that they are not less than 0.2m above the waterline at every angle of heel in any loading conditions; or (b) ducted in such a way that they are not less than 0.1m above the waterline at every angle of heel in any loading conditions; or (c) equipped with an automatic closing device that does not rely on electronic, manual or any other active control to close and subsequently open. Each opening, for the sake of water-tight integrity for self-righting purpose, shall be designed to prevent any water ingress.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.
12	Paragraph 3.2.8 (e) of Part VII of the Tender Documents	All windows and doors in the deckhouse shall have clear toughened safety glass windows and shall be able to withstand the loads from a capsize / operational environment as stipulated in Paragraph 2.4.4 of Part VII.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.

13	Paragraph 3.5.1 of Part VII of the Tender Documents	The preliminary lines plan and the preliminary calculations for intact and damaged stability information of the Vessel shall be submitted with the tender in Schedule 7 of Part V. The stability information shall include the loading condition for carrying out self-righting tests, with detailed stability analysis provided. The calculations shall be carried out using a proven computer system (viz. recognised by a Government authority or Classification Society).	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.
14	Paragraph 3.5.2 of Part VII of the Tender Documents	The Vessel shall be Inherent Self-Righting with a positive righting lever (GZ) from 0 degrees to 180 degrees. The Vessel shall be capable of rolling back to an upright position from a heeled position anywhere in the range of roll motion.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.
15	Paragraph 4.24.1 of Part VII of the Tender Documents	The Vessel shall be supplied with one Daughter Boat with a Length Overall (LOA) of 7.0 – 9.5 metre, for which the material of its hull structure shall be made of marine grade aluminium alloy. The Daughter Boat shall be equipped with an inflatable self-righting bag.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.
16	Paragraph 4.24.3 of Part VII of the Tender Documents	The Daughter Boat of the Vessel shall run at least 30 knots at loading condition set out in Paragraph 4.24.6 of Part VII.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.
17	Paragraph 4.24.4 of Part VII of the Tender Documents	The Daughter Boat shall be issued with a Type Approval Certificate by the RO, a declaration of conformity, or a certificate of compliance to national or international standards recognised by GNC.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.
18	Paragraph 5.1.6 of Part VII of the Tender Documents	The External Fire Fighting System (EFFS) shall meet the following requirements: (a) Two (2) external fire pumps having at least 12,000 litre/minute) shall be fitted to the Vessel. One (1) pump shall be driven by an independent diesel driven power pack. One (1) pump shall be driven via a power take off (PTO) fitted to the centre propulsion engine. (b) Four (4) remote foam/water fire monitors shall be fitted onboard the Vessel, each having a minimum capacity of 12,000 litres/minute. Two (2) remote monitors shall be fitted on the forward deck. One (1) port and one (1) starboard shall be fitted to the satisfaction of the GNC of MD and FSD. Two other (2) remote monitors shall be fitted on the aft deck. One (1) port and One (1) starboard shall be fitted to the satisfaction of the GNC of MD and FSD.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.

		<p>(c) Four 100 mm diameter fire outlets, and four 70mm diameter fire outlets shall be provided at each side of the Vessel (i.e. total eight outlets) at locations to be decided by the FSD. The specification of outlets and coupling shall be complying with British Standard BS 336.</p> <p>(d) Stainless steel 316L shall be used for the fire main pipes.</p> <p>(e) Water-throw of 110m minimum ejection from each remote monitor shall be provided.</p> <p>(f) Two (2) foam tanks, each of not less than 3000 litres total capacity shall be fitted onboard the Vessel. Each foam tanks shall be fitted with a foam capacity indicator and proportioner. Each foam tanks shall be remotely controlled by an operating system which shall be situated in the wheelhouse.</p> <p>(g) A sight-glass shall be fitted to the foam concentrate tanks to indicate the liquid level in each tank.</p>	
19	Paragraph 8.2.1 of Part VII of the Tender Documents	The Vessel shall be equipped with three electrically started, marine diesel engines of adequate power for the Contract Speed. The three engines shall be identical with model and power rating. The rating of the engines shall be determined for the Vessel with annual operation of 3,000 hours. The diesel engines shall meet IMO Tier II emission requirements.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.
20	Paragraph 8.2.2 of Part VII of the Tender Documents	The main propulsion engines and associated systems shall be capable of operating with self-righting capability features. The self-righting capability features are stipulated in Paragraph 8.2.3. The engines shall be able to operate continuously, without increased risk of damage, whilst inverted or that the control system will automatically reduce the engine speed to idle in the event of an inversion.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.
21	Paragraph 8.4.1 of Part VII of the Tender Documents	Two electrically started, engines integral with alternating current alternators, of self-excited, brushless and ventilated type, shall be installed in the engine room.	Yes/No * If Yes, please identify the relevant part of the tender to support this compliance.
Item	Tender Reference	Other Requirements in Part VII	Compliance Statement (State here Yes or No)
22	Part VII of the Tender Documents	The Tenderer shall also confirm that it will comply with all other specifications set out in the Technical Specifications which are without any label (viz., [E] or [D]) if the Contract is awarded to it.	Yes/ No *

23	Part VII of the Tender Documents	The Tenderer may, should it so elect, confirm that it will comply with all or any specifications set out in the Technical Specifications which are labelled [D] if the Contract is awarded to it.	Yes/ No * and please identify the Paragraph of Part VII containing such desirable specifications. If not, it shall be deemed that the Tenderer commits to comply with all of them if “Yes” is selected.

*Deleted as appropriate

Note 1: Please provide details of the previous Vessel Project(s) to prove compliance with the Essential Requirement as specified in Item 1 above plus supporting documents including relevant contracts and delivery acceptance documents or other documentary evidence. Delivery acceptance documents must have been signed by the relevant purchaser of the vessel or a classification society. Delivery acceptance documents issued and signed solely by the Tenderer are not acceptable.

(a) Experience on vessel design and construction (see Item 1(a) above).

I/We confirm that I/we have an aggregate of _____ years’ experience in performing and completing one or more vessel design and construction contract(s) within the past ten (10) years prior to the Original Tender Closing Date set out below:

	Project Name	Purchaser’s Name	Hull Materials (Aluminium)	Government law enforcement, rescue and/or military agency (Yes / No)	Contract Date (dd/mm/yy)	Date of Delivery of the Completed Vessel to the Purchaser (dd/mm/yy)	Remarks
1							
2							
....							
....							

(b) Experience on design and construction of vessel project(s) specified in Item 1(b) above.

I/We declare that I/we have built and delivered _____ numbers of vessel design and construction in relation to vessel(s). Each vessel must have a hull form of aluminium which is / are powered by two engines, with a Length Overall (LOA) not less than 30 metres; capable of achieving the speed of at least 20 knots, in the past ten (10) years prior to the Original Tender Closing Date.

	Project Name	Purchaser's Name	Contract Date (dd/mm/yy)	Date of Delivery of the Completed Vessel to the Purchaser (dd/mm/yy)	LOA	Speed	Material (Aluminium) (Y = Yes; N = No)	No. of Vessels Built	Remarks
1									
2									
....									
....									

Note 2: Please see Clause 5.3 of the Conditions of Tender and the Notes to Annex C to the Conditions of Tender before completing this Schedule.

Schedule 6 - List of Major Equipment to be Supplied

(Please refer to Clauses 6.1 and 9.1 of Part II - Conditions of Tender.)

Equipment	Quantity per Vessel	Information
1. Main Engine		Name of Manufacturer: Name of product as advertised by the Manufacturer: Model or version no as advertised by the Manufacturer: Specifications including Rated Power/Rated rpm:
2. Daughter Boat		Name of Manufacturer: Name of product as advertised by the Manufacturer: Model or version no as advertised by the Manufacturer: Specifications including Rated Power/Rated rpm:
3. Gearbox		Name of Manufacturer: Name of product as advertised by the Manufacturer: Model or version no as advertised by the Manufacturer: Specifications including Rated Power/Rated rpm:
4. Electrical Generator		Name of Manufacturer: Name of product as advertised by the Manufacturer: Model or version no as advertised by the Manufacturer: Specifications including Rated Power/Rated rpm:

5. Bow Thruster		Name of Manufacturer: Name of product as advertised by the Manufacturer: Model or version no as advertised by the Manufacturer:
		Specifications including Dimensions/Material:
6. Propeller Shaft		Name of Manufacturer: Name of product as advertised by the Manufacturer: Model or version no as advertised by the Manufacturer:
		Specifications including Diameter/Pitch/Material:
7. Propeller		Name of Manufacturer: Name of product as advertised by the Manufacturer: Model or version no as advertised by the Manufacturer:
		Specifications including Rated Power/Rated rpm:
8. Fire Pump		Name of Manufacturer: Name of product as advertised by the Manufacturer: Model or version no as advertised by the Manufacturer:
		Specifications including Rated Power/Rated rpm:

<p>9. Stern Launching System</p>		<p>Name of Manufacturer:</p> <p>Name of product as advertised by the Manufacturer:</p> <p>Model or version no as advertised by the Manufacturer:</p>
<p>10. Additional items, if any, to be used in conjunction with any of the above-mentioned Equipment in order to ensure that the above-mentioned Equipment will comply with the requirements specified in the Technical Specifications (please specify details)</p>		<p>Specifications including Rated Power/Rated rpm:</p>

Note: The Tenderer should note that the Vessel is for use in Hong Kong and it is desirable for the Tenderer to offer models of main engines, propellers, and the Spare Part items that are at present commonly used by ships operating in Hong Kong Waters, and that they have good supports for spare parts and after sale services locally in Hong Kong.

Schedule 7 - List of Drawings and Information to be Submitted with the Tender

- (a) The Tenderer shall submit the following documents for the proposed Vessel, as part of the tender submission. **A Tenderer's tender will not be considered further if the Tenderer fails to submit any of the plans and information listed in Paragraphs (1) to (4) below before the Tender Closing Date.**
- (b) The Tenderer shall provide the name(s) and contact information of the person(s) who will answer Government any technical questions regarding the design and construction of the Vessel. **The Tenderer should note that the plans and information listed in Paragraphs (1) to (4) below are preliminary and for tender evaluation purpose only.** The plans and information shall be further refined and developed, and subject to confirmation and approval by the Government.

(1) Hull

- 1.1 General Arrangement Plan of the proposed Vessel;
- 1.2 Lines plan of the proposed Vessel;
- 1.3 Construction plans – covering midship, deckhouse, profile and deck, bulkhead of the proposed Vessel;
- 1.4 Weight and centre of gravity prediction calculation with breakdowns for the proposed Vessel;
- 1.5 Power/speed predictions for the Contract Speed(s) at its sea trial conditions, together with a descriptive account of the philosophy and methodology employed for such speed predictions/evaluations;
- 1.6 Preliminary intact, damaged stability, self-righting stability criteria calculations with detailed analysis;
- 1.7 The characteristics and positions of downflooding and ventilation openings fulfilling the self-righting capability criteria;
- 1.8 Documentation proving that the windows and doors in the deckhouse capable in withstanding the loads from rom a capsize/ operational environment as stipulated in Paragraph 2.4.4 of Part VII; and
- 1.9 A preliminary estimate of the fore and aft draught and the position of the centre of gravity (longitudinal, transverse and vertical) of the proposed Vessel design in its lightship, sea trial and fully loaded condition.

(2) Machinery

- 2.1 Engine room layout plans;
- 2.2 The main engine manufacturer's product literature and brochures showing the specifications and characteristics of the engines with self-righting capability features;
- 2.3 The generator engine manufacturer's product literature and brochures showing the engine equipped to endure vessel during capsizing for intermittent and continuous for rolling and pitching no less than the requirements of Safety of Life at Sea (SOLAS) regulation;
- 2.4 Layout drawings for the control/display consoles including the disposition of the gauges and instruments, and the console height, width and shape;
- 2.5 Fuel oil tanks capacity calculations with respect to requirements under the Technical Specifications;
- 2.6 Information and a detailed descriptive account about the preliminary choice of propulsion system with respect to the speed capability of the Vessel;
- 2.7 Information on engine room fixed fire extinguishing system;
- 2.8 The product literature and brochures of bow thruster showing the specifications and characteristics of its performance; and
- 2.9 Information and a detailed descriptive account about the preliminary choice of stern launching system with respect to the operation of the Vessel.

(3) Electrical and Hydraulic Equipment

- 3.1 Preliminary schematic layout drawings of electrical circuits;
- 3.2 Preliminary schematic layout drawings of hydraulic system; and
- 3.3 Preliminary electrical and hydraulic load calculation.

(4) **External Fire Fighting System (EFFF)**

- 4.1 Specifications and manufacturer's product literature of the fire pump, monitor and the control of the External Fire Fighting System.

Schedule 8 - Tenderer's Information

1. **Tender Reference:** Marine Department Shipbuilding Tender No. 4/2019
2. **Nature of Tender:** Supply of One (1) Fireboat for the Fire Services Department
3. **Particulars of Tenderer:**

(a) Name of Company/Business Organisation:

(b) Address:

(c) Telephone No./Fax No.:

(d) Length of Business Experience:

(e) Shareholders of the Company and their Percentages of Shareholding:

(f) Names and Residential Addresses of:

- i) managing director; and
- ii) other directors;

(g) Place and Date of Incorporation or Formation:

(h) Name(s) of nominated person(s) to be contacted for this tender or the Contract (as the case may be):

Name	Position
i) _____	_____
ii) _____	_____
iii) _____	_____

4. **Particulars of Tenderer's Process Agent in Hong Kong (if the Tenderer does not have an address in Hong Kong)**

(a) Name of Company:

(b) Address:

(c) Telephone No.:

(d) Fax No.:

(e) Name of Person in Charge:

5. Tenderer's Shipyard Facilities

The Tenderer shall provide the following information regarding the shipyard and workshop facilities which will be used for performing the Contract. The shipyard and workshop facilities may belong to the Tenderer or to a proposed sub-contractor for the Contract.

- (a) Owner of the shipyard and workshop facilities.
- (b) Shipyard address and proposed construction site address for the Vessel if not same as the shipyard.
- (c) List of the workshop facilities such as lifting gear, hull construction and calibration equipment, machinery installation and calibration equipment and vessel launching or slipping facilities intended to be used for the construction of the Vessel, with detailed description and photographs.

The Tenderer shall also provide further information as necessary when requested by the Government at the tender evaluation stage.

6. Particulars of Tenderer's Sub-contractor (if any)

- (a) Name of Sub-contractor:

- (b) Address:

- (c) Telephone No.:

- (d) Fax No.:

- (e) Name of Person in Charge:

- (f) Brief Description of the Sub-contract Work:

Schedule 9 - Proposed Recognised Organisation

The Tenderer shall provide details of the proposed Recognised Organisation which will be deployed for performing supervisory work in relation to the design and construction of certain parts of the Vessel as specified in the Technical Specifications:

(Note: Please refer to Clause 9.2 of Part II - Conditions of Tender and Paragraphs 1.5.2 and 1.5.3 of Part VII - Technical Specifications)

For Certificate of Classification with Class Notation

Name of the Recognised Organisation:	
Rules and regulations to be followed by the Contractor in performing the design and construction of the Vessel:	
Class notation:	

The Tenderer's tender will not be considered if the Tenderer fails to submit and complete this Schedule in its tender before the Tender Closing Date.