

Supply of One (1) Aluminium Alloy Small Waterplane Area Twin Hull (SWATH) Hydrographic Vessel for the Marine 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.
3. In consideration of the payment of the sum of Hong Kong or United States dollars * as stated below (herein referred to as "Total Purchase Price") the Tenderer offers:-

Part 1 – Vessel and Hydrographic Survey Equipment				
Description	Item (See Note 1)	Quantity	Unit Price (HKD/USD)*	Sub-Total Price
One Vessel together with all Equipment 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, and all Documentation including the As-Fitted Plans and Drawings (both the preliminary version and the final version).	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 per unit (HKD/USD)*	Sub-Total Price
Spare Parts supplied as spare in compliance with all requirements of the Contract including those set out in the Technical Specifications.	Item 2 – Main Diesel Electric Generator	1 Unit	B ₁ =	B ₁ x 1 =
	Item 3 – Electric Generator	1 Unit	B ₂ =	B ₂ x 1 =
	Item 4 – Propeller, starboard	1 Unit	B ₃ =	B ₃ x 1 =
	Item 5 – Propeller, port	1 Unit	B ₄ =	B ₄ x 1 =
	Sub-Total: Items 2 to 5 B ₁ x 1 + B ₂ x 1 + B ₃ x 1 + B ₄ x 1 =			

Part 3 - Ship Model				
Description	Item (See Note 3)	Quantity	Unit Price per unit (HKD/USD)*	Sub-Total Price
Ship Model in compliance with the requirements in Paragraph 11.2.6 to the Technical Specifications.	Item 6 – Ship Model	3 Units	C=	C x 3 =
	Sub-Total: Item 6			
	C x 3 =			
Total Purchase Price (i.e. The sum of the Sub-Totals for Items 1 to 6 specified above in Parts 1 to 3) :	(See Notes 3 and 4)			

Note 1: The Sub-Total for Item 1 in Part I 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, and all Documentation including the As-Fitted Plans and Drawings.

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.**

* Delete as appropriate

Schedule 2 - Delivery Schedule

Item	Description	Delivery Date	Remark
Item 1	Vessel as specified in Part 1 of Schedule 1, all in Ready for Use condition and delivered to the Government Dockyard.	Within 21 months after the Contract Date.	See the Notes below.
Items 2 to 5	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 stated above.	
Item 6	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 stated above.	

Note 1: The Contractor shall provide the Government with 14 days advance notice in writing for Vessel delivery.

Note 2: All the items described in Items 1 to 6 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 fulfillment of (a) and (b) by issuing an invoice to the Government for the same after fulfillment 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, propeller and steering 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 fulfillment of (a) and (b) by issuing an invoice to the Government for the same after fulfillment 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.	<p>Each instalments below shall be payable upon the written confirmation by the Government on receipt from the Contractor the following Items:</p> <p>(a) Spare Parts (Schedule 1 - Items 2 to 5)</p> <p>(b) Ship model of the Vessel (Schedule 1 - Item 6)</p>	<p>One hundred percent (100%) of the Sub-total price of the relevant items as specified in Schedule 1</p>	<p>Not Applicable</p>
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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 specific 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 Works or Vessel, Equipment or Deliverables, or that any Works 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 5) as specified in Part 2 of Schedule 1.	Not applicable
Part 3	The Ship Model (Item 6) 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	The Tenderer must have 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)") within the past ten (10) years prior to the Original Tender Closing Date.	Yes/ No * If Yes, please provide details as required in Note 1.
1(b)	Clause 8.1 of Part II of the Tender Documents	<p>(i) In the past ten (10) years prior to the Original Tender Closing Date, the Tenderer must have completed at least one Small Waterplane Area Twin Hull (SWATH) vessel design and construction contract in relation to one or more vessel(s) EACH having hull made of aluminium with propulsion system and having a Length Overall (LOA) of not less than 20 metres and capable of achieving a speed of not less than 15 knots.</p> <p style="text-align: center;">Or</p> <p>(ii) The Tenderer must have engaged in an agreement or signed a letter of intent, on or before the Original Tender Closing Date, with SWATH vessel design expert consultant who will design the SWATH vessel in the event that the Tenderer has been awarded the Contract. The SWATH expert consultant must have relevant working experience within the ten (10) years from the Original Tender Closing Date on the design for the SWATH vessel.</p>	Yes/ No * If Yes, please provide details as required in Note 1.
1(c)	Clause 8.1 of Part II of the Tender Documents	<p>(i) In the past ten (10) years prior to the Original Tender Closing Date, the Tenderer must have completed design and installation contract for at least one (1) shipboard Diesel Electric Propulsion system;</p> <p style="text-align: center;">Or</p> <p>(ii) The Tenderer must have engaged in an agreement or signed a letter of intent, on or before the Original Tender Closing Date, with a Diesel Electric Propulsion expert consultant who will design the Diesel Electric Propulsion system for the Vessel in the event that the Tenderer has been awarded the Contract. The Diesel Electric Propulsion expert consultant must have relevant working experience within the ten (10) years from the Original Tender Closing Date on the design for the vessel.</p>	Yes/ No * If Yes, please provide details as required in Note 1.
Item	Tender Reference	Essential Requirements in Part VII	Compliance Statement (State here Yes or No)
2.	Paragraph 2.4.1 of Part VII of the Tender Documents	Not less than 18 knots with all engines running with the output power at 100% of Maximum Continuous Rating (MCR) under the 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.

3.	Paragraph 2.5 of Part VII of the Tender Documents	Principal Dimensions: Length Overall: 21.0 – 23.0 metres (Fenders excluded) Breadth: 7.0 – 10.0 metres (Fenders excluded) Draught (maximum): 2.7 metres (including any sonar heads/fairings) Air Draught (maximum): 8.0 metres (in lightship condition)	Yes/ No * If Yes, please identify the relevant part of the tender to support this compliance.
4.	Paragraph 2.6 of Part VII of the Tender Documents	Material of Hull Structure: Marine grade aluminium alloy Material of Superstructure: Marine grade aluminium alloy	Yes/ No * If Yes, please identify the relevant part of the tender to support this compliance.
5.	Paragraph 2.7.1 of Part VII of the Tender Documents	Endurance for fuel capacity: At least 12.5 hours at 18 knots and 27.5 hours at 8 knots for 5 working days. Total usable capacity of the tank(s) shall be a minimum of 4,500 litres.	Yes/ No * If Yes, please identify the relevant part of the tender to support this compliance.
6.	Paragraph 2.7.4 of Part VII of the Tender Documents	The Sea State operational requirements are listed below: Free running at transit speed: Up to and including Sea state 5 Hydrographic Survey: Up to Sea State 3	Yes/ No * If Yes, please identify the relevant part of the tender to support this compliance.
7.	Paragraph 2.8.3 of Part VII of the Tender Documents	The Vessel shall be designed to accommodate total 12 persons including four crew operating the Vessel. The Tenderer shall provide the general arrangement plan, including an engine room(s) layout together with its tender before the Tender Closing Date.	Yes/ No * If Yes, please identify the relevant part of the tender to support this compliance.
8.	Paragraph 3.3.1 (a) of Part VII of the Tender Documents	The preliminary lines plan of the proposed Vessel and the preliminary stability information and calculation with the curves of stability, including damaged stability for each compartment of the proposed Vessel shall be submitted with the tender by the Tender Closing Date. All calculations and drawings must be in metric units	Yes/ No * If Yes, please identify the relevant part of the tender to support this compliance.
9.	Paragraph 3.3.1 (c) of Part VII of the Tender Documents	The estimated engine propulsive power from all engines required for attaining the Contract Speed of the proposed Vessel (viz., not less than 18 knots) under the Official Speed Trial conditions as stated in Annex 5 to Part VII, together with a descriptive account of the engineering principles and methodology employed for such propulsive power estimate and evaluation shall be submitted with the tender by the Tender Closing Date.	Yes/ No * If Yes, please identify the relevant part of the tender to support this compliance.

10.	Paragraph 3.3.1 (d) of Part VII of the Tender Documents	Construction plan – midship, deckhouse, profile and deck, bulkhead of the proposed Vessel shall be submitted with the tender by the Tender Closing Date.	Yes/ No * If Yes, please identify the relevant part of the tender to support this compliance.
11.	Paragraph 3.3.1 (e) of Part VII of the Tender Documents	A preliminary estimate of the fore and aft draught and the position of the centre of gravity (longitudinal, transverse and vertical) of the proposed design for the Vessel in its lightship, sea trial and full loaded conditions shall be submitted with the tender by the Tender Closing Date.	Yes/ No * If Yes, please identify the relevant part of the tender to support this compliance.
12.	Paragraph 7.2.2 of Part VII of the Tender Documents	The Vessel shall be equipped with four (4), equal power output, electrically started, fresh water cooled marine diesel engine generators of adequate power integral with alternating current alternator to enable the vessel to attain the Contract Speed, whilst all applicable electrical systems are running including AC and DC systems. The engines shall be designed for unlimited/unrestricted continuous operating at rated load and rated speed up to 100%. The diesel engine generators shall meet IMO Tier 2 emission requirements, the aggregate power of the four (4) main marine diesel engine generators shall not be less than 1800 kW.	Yes/ No * If Yes, please identify the relevant part of the tender to support this compliance.
13.	Paragraph 7.2.4 of Part VII of the Tender Documents	The proposed Vessel shall have two (2) suitably sized electric propulsion motors (one (1) per hull) each driving a fixed pitch propeller through a reduction gearbox (if required). Unless it have been demonstrated that the tenderer's choice of the two (2) numbers electric propulsion motors have adequate power to enable the vessel to attain the Contract Speed, otherwise the propulsion drives shall be two (2) numbers main propulsion motor at minimum 750 kW each with IP65 protection.	Yes/ No * If Yes, please identify the relevant part of the tender to support this compliance.
14.	Paragraph 10.2.1 of Part VII of the Tender Documents	The multibeam echo sounder is the major bathymetric sensor for the Vessel to perform sounding survey. It shall have dual transmit and receive transducers configuration and work with the Inertial Navigation System (INS), the mini sound velocity sensor, the DGNSS receiver and CTD profiler in order to provide a complete system to meet the 'Special Order' accuracy requirement of the IHO Standards. It shall cover a swath profile of minimum 10 times the water depth of a flat seafloor.	Yes/ No * If Yes, please identify the relevant part of the tender to support this compliance.
15.	Paragraph 10.2.2 of Part VII of the Tender Documents	The dual transmit and receive transducers shall be mounted to each of the two SWATH hulls of the Vessel or any other location as approved with suitable fairings. The operation of the multibeam echo sounder shall be controlled and monitored using a software program. The software shall be provided to calibrate the system, capture and store all incoming raw data, show the sea bottom in color-coded cross-section, 2D and 3D view.	Yes/ No * If Yes, please identify the relevant part of the tender to support this compliance.

16.	Paragraph 10.2.4 of Part VII of the Tender Documents	<p>Technical Specifications of multibeam echo sounder:</p> <p>Frequency range: 200 kHz to 400 kHz in steps of 10 kHz</p> <p>Maximum operational depth: 600 m</p> <p>Transmit and Receive beam width: 400 kHz: 0.7 degrees or less 300 kHz: 1 degrees or less 200 kHz: 1.5 degrees or less</p> <p>Depth coverage (flat bottom): 10x water depth or better (dual transmit and receive transducers configuration)</p> <p>Shortest (CW) pulse length: 14 microseconds or less</p> <p>Dual swath: Yes</p> <p>Roll, Pitch and Yaw stabilization: Yes</p> <p>Transmit fan divides into multiple pinging simultaneously at separate frequencies: Yes</p> <p>Water column display: Yes</p>	<p>Yes/ No *</p> <p>If Yes, please identify the relevant part of the tender to support this compliance.</p>
17.	Paragraph 10.3.2 of Part VII of the Tender Documents	<p>Technical Specifications of Inertial Navigation System (INS)</p> <p>Accuracy (RMS)</p> <p>Roll, Pitch accuracy: 0.008° or less for Post Processed Kinematic (PPK) operation 0.01° or less for Real Time Kinematic (RTK) operations 0.02° or less for Differential operations</p> <p>Heading Accuracy: 0.01° or less with 4 m antenna baseline for DGPS, PPK and RTK operations 0.02° or less with 2 m antenna baseline for DGPS, PPK and RTK operations</p> <p>Heave Accuracy: Real Time: at most 5 cm or 5% (whichever is greater) for Differential operation TrueHeave: at most 2 cm or 2% (whichever is greater) for Differential operation</p> <p>Horizontal Position Accuracy: 0.5m to 2m for DGPS operation depending on quality of differential corrections ±(8 mm + 1 ppm x baseline length) or less for RTK operation, assuming 1 m IMU-GNSS antenna offset</p>	<p>Yes/ No *</p> <p>If Yes, please identify the relevant part of the tender to support this compliance.</p>

17.	Paragraph 10.3.2 of Part VII of the Tender Documents	<p>Accuracy During GNSS Outages (RMS): Roll, Pitch Accuracy: 0.03° or less Heading Accuracy Degradation: at most 1° per hour (negligible for outages < 60 s)</p> <p>Heave Accuracy: Real Time: at most 5 cm or 5% (whichever is greater) for periods of ≤20 s TrueHeave™: at most 2 cm or 2% (whichever is greater) for periods of ≤35 s</p> <p>Position Accuracy Degradation: ~ 6 m for 60 s total outages (DGPS) ~ 3 m for 60 s total outages (RTK) ~ 2 m for 60 s total outages (post processed DGNSS) ~ 1 m for 60 s total outages (PPK)</p> <p>Data Output: Output parameters: user selectable binary messages: attitude, heading, speed Output rate: up to 200 Hz (user selectable) Compatible with the Kinematic GNSS/INS post-processing software in Paragraph.10.10 of Part VII</p>	
18.	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 *
19.	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 project(s) ("Vessel Project(s)") within the past ten (10) years prior to the Original Tender Closing Date set out below:

	Project Name	Purchaser's Name	Contract Date (dd/mm/yy)	Date of delivery of the Completed Vessel to the Purchaser (dd/mm/yy)	Remark
1					
2					
....					
....					

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

	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	Main Engines Type	Material (Aluminium)	No. of Vessel Built	Remark
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 the Conditions of Tender. All Equipment specified below must be Proprietary Made (as defined in the Conditions of Contract)).

Equipment	Quantity per Vessel	Information
1. Main Propulsion Electric Generators		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. Gearboxes		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. Main Propulsion Motors		Name of Manufacturer: Name of product as advertised by the Manufacturer: Model or version no as advertised by the Manufacturer:
		Specifications:
4. Propellers		Name of Manufacturer: Name of product as advertised by the Manufacturer: Model or version no as advertised by the Manufacturer:
		Specifications:
5. Hydrographic survey equipment 5.1 Multibeam Echo Sounder as specified in Paragraph 10.2 of the Technical Specifications		Name of Manufacturer: Name of product as advertised by the Manufacturer: Model or version no as advertised by the Manufacturer:
		Diameter/Pitch:
		Materials:

<p>5.2 Inertial Navigation System as specified in Paragraph 10.3 of the Technical Specifications</p>		<p>Name of Manufacturer: Name of product as advertised by the Manufacturer: Model or version no as advertised by the Manufacturer:</p>
<p>6. 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:</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, gearboxes, electric generators, 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) and (2) 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 (2) 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) Design and Construction of the Proposed Vessel

- 1.1 General Arrangement Plan of the proposed Vessel, including an engine room layout;
- 1.2 The preliminary lines plan of the proposed Vessel and the preliminary stability information, including damaged stability for each compartment and taking into account of wind force effect, of the proposed Vessel. All calculations and drawings must be in metric units;
- 1.3 Construction Plans covering mid-ship, deckhouse, profile and deck, and bulkhead of the proposed Vessel;
- 1.4 Information on the proposed material and the proposed construction method for the hull and the superstructure of the proposed Vessel;
- 1.5 Weight and centre of gravity prediction calculations with breakdowns for the proposed Vessel;
- 1.6 Estimated propulsive powers of the four diesel generators with two propulsion motors of the proposed Vessel required for attaining the Contract Speed of not less than 18 knots under the Official Speed Trial conditions as stated in Annex 5 to Part VII, together with a descriptive account of the philosophy and methodology employed for such power estimate for the proposed Vessel; and
- 1.7 A preliminary estimate of the fore and aft draught and the position of the centre of gravity (longitudinal, transverse and vertical) of the proposed design for the Vessel in its lightship, sea trial and fully loaded conditions.

(2) Machinery

- 2.1 Fuel oil tanks capacity calculations showing compliance with the requirements set out in Paragraph 2.7.1 of the Technical Specifications.

Schedule 8 - Tenderer's Information

1. **Tender Reference:** Marine Department Shipbuilding Tender No. 7/2017
2. **Nature of Tender:** Supply of One (1) Aluminium Alloy Small Waterplane Area Twin Hull (SWATH) Hydrographic Vessel for the Marine 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 the Conditions of Tender and Paragraphs 1.5.2 and 2.3.2 of the Technical Specifications.)

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 this Schedule in its tender before the Tender Closing Date.