## ตารางแสดงวงเงินงบประมาณที่ได้รับจัดสรรและราคากลาง(ราคาอ้างอิง) ในการจัดซื้อจัดจ้างที่มิใช่งานก่อสร้าง

- ชื่อโครงการ การให้บริการทางเทคนิค สำหรับโครงการเรือตรวจการณีไกลฝั่ง
   /หน่วยงานเจ้าของโครงการ สำนักโครงการเรือตรวจการณ์ไกลฝั่ง ลำที่ ๒ บริษัท อู่กรุงเทพ จำกัด
- ๒. วงเงินงบประมาณที่ได้รับจัดสรร ๒,๙๐๐,๐๐๐ ปอนด์ (ราคาไม่รวมภาษีมูลค่าเพิ่ม ๗%)
- ๓. วันที่กำหนดราคากลาง (ราคาอ้างอิง) วันที่ ๑๓ ธันวาคม ๒๕๕๘ เป็นเงิน ๒,๙๐๐,๐๐๐ ปอนด์ (ราคาไม่รวมภาษีมูลค่าเพิ่ม ๗%)
- ๔. แหล่งที่มาของราคากลาง (ราคาอ้างอิง) จากการสืบราคาปัจจุบัน จากท้องตลาด ๑ ราย ดังนี้ ๔.๑ บริษัท BAE Systems Surface Ships (Projects) จำกัด
- ๕. รายชื่อเจ้าหน้าที่ผู้กำหนดราคากลาง (ราคาอ้างอิง)
   ๕.๑ นางจันทร์ทิพย์ ซำศิริพงษ์ หัวหน้าแผนกบริหารงานพัสดุ

## Term of Reference (TOR)

## **In-country Engineering Services**

## for the Royal Thai Navy Offshore Patrol Project

## 1. Objective

The Bangkok Dock Company (1957) Limited (BDC) wishes to announce this Term of Reference (TOR) for the in-country engineering services for the new construction project of the Royal Thai Navy Offshore Patrol Vessel (OPV 2).

## 2. Requirement

An in-country engineer to support the construction of the Royal Thai Navy Offshore Patrol Vessel. The required duration is 29 months and the scope of work shall be according to ANNEX 1.

## 3. Condition of Bidding

The bid price shall include all costs, expenses and fees.

#### 4. Qualification of Bidder

- 4.1 Bidder must be the owner of the original design of the Royal Thai Navy Offshore Patrol Vessel HTMS Krabi.
- 4.2 Bidder has never been on the blacklist of the Thai Government, or as a result of not receiving orders to another entity or person who is blacklisted by the Thai Government.
- 4.3 Bidder must act as principal for its own account and not as agent or broker. If any Bidder has a coordinator in Thailand, the name and contact details of such coordinator must be clearly specified in the proposal.
- 4.4 Bidder must have own bank account where receive/payment shall be made, except, if each payment is not over 30,000 Bath, the counter party may receive/paid by cash.

## 5. Document for Consideration

- 5.1 Bidder's Qualification Document
  - 5.1.1 Copy of Company Registration/Affidavit1 and certified true copy.
  - 5.1.2 Letter of power of attorney, in case of the bidder is authorized the behalf to bid, sign in the bid, or in the other cases. The letter shall be affixed the duty and enclosed with the copy of the identity card or passport and/or household registration, which declare both of the authorizer and behalf.

## 5.2 Technical Specification Document

- 5.2.1 The details of specification of design in this bid must meet BDC's requirements. The bidder must clearly identify its own profile and the origin country of service provider.
- 5.2.2 Copy of document showing that the bidder had experiences in the designs as specified in (4.1) above.
- 5.2.3 If the Technical Specification documents do not comply with item 5.2.1 5.2.2, BDC reserves the right not to consider the bidder.

## 6. Delivery and Acceptance

- 6.1 If the service engineer is found to be guilty of gross misconduct, BDC reserves the right to reject the service engineer. And in this case, the bidder must immediately take the right to replace within agreed time.
- 6.2 The service shall last not less than 29 months after the Contract Effective Date (CED).
- 6.3 Report must be submitted to BDC quarterly.

#### 7. Penalty

If the bidder cannot provide services according to the agreed time or having working day missing, bidder shall ensure the availability of other competent engineer during this period and provide additional service days equal to the missing days.

## 8. Performance Security

At the time of execution of the contract, the bidder shall submit to buyer a performance security in an amount of five percent (5%) of the contract value in favour of the buyer by a bank registered in Thailand.

#### 9. Condition of Payment

- 9.1 BDC agrees to pay the service cost to the bidder when BDC has received the services according to the agreed payment terms.
- 9.2 Payment by this condition, BDC will transfer directly into the bank account of the bidder. The bidder is responsible for any other charges related to the transfer of the bank levy on the bidder's side. BDC is responsible for any other charges related to the transfer of the bank levy on BDC's side.

#### 10. Annex

Annex 1 Scope of Work

# ANNEX 1 Scope of Work

Bidder will provide technical assistance in the form of an in-country Engineer in Thailand, for a total period of 29 months.

#### PROGRAMME FOR DELIVERY

Over the period of the OPV build programme, one Engineer will be provided for the first 18 months of the programme providing advice and support on the design/build stages of the vessel (the Engineering Manager).

A second Engineer (the Test and Commissioning Manager) will be provided for a further 12 months of the programme, providing advice and support on the installation and setting to work of platform equipment and subsequent harbour and sea trials.

The Test and Commissioning Manager will arrive 1 month prior to the departure of the Engineering Manager, to ensure a sufficient handover period.

The bidder staff will provide advice and guidance to the BDC team such that the skills of the BDC individuals/team are enhanced in respect of the OPV project. It is not the role or responsibility of the bidder personnel to manage BDC or the RTN.

BDC is not bound to act upon bidder guidance/advice. Responsibility for the outputs of the BDC team and its members and for the quality and performance of the vessel in all aspects remains the responsibility of BDC.

## It is assumed that:

- The vessel will be built in Thailand.
- Staff will be based at one location –Sattahip, Thailand.

#### GENERAL DESCRIPTION OF ROLE

- Attend team meetings including those with the RTN;
- Provide advice and guidance on the management and planning of the project;
- Recommend how processes may be formulated or improved to manage the OPV programme;
- Act as prime point of liaison between BAES and the customer community for advice on the build of OPV02:
  - o Advice shall include
    - Whole ship design and build
    - Platform Systems specific questions
    - Planning
    - Build Strategy
    - Build Programme
    - Test and Commissioning
    - Installation of equipment
    - Setting to work of equipment
    - Harbour and Sea Trials
- Assist in the assessment of vessel progress reports:
- Assist in the assessment of risks/issues identified on the project;

## **DELIVERABLES**

The bidder Engineer will submit a Quarterly Report. The Acceptance of the Quarterly Report shall be deemed to be acceptance of performance by BDC.

The overall content of the Quarterly report will be agreed between BDC and bidder but is envisaged to include the following general principles:

- 1. Safety
- 2. Record of Actions
- 3. Progress against schedule
- 4. SOFT report (Successes, Opportunities, Failures, Threats)