



MINISTRY OF DEVELOPMENT  
NEGARA BRUNEI DARUSSALAM

NOTICE OF PREQUALIFICATION APPLICATION

CADANGAN PROJEK JAMBATAN TEMBURONG  
(PROPOSED TEMBURONG BRIDGE PROJECT)

**PACKAGE CC5A – TRAFFIC CONTROL AND SURVEILLANCE SYSTEM (TCSS), SUPERVISORY CONTROL AND DATA ACQUISITION SYSTEM (SCADA) AND ROAD LIGHTING**  
Tender No. KPN/JKR/BTB/01/2015

It is hereby notified that application for prequalification for construction Tender of **Package CC5A – Traffic Control and Surveillance System (TCSS), Supervisory Control and Data Acquisition System (SCADA) and Road Lighting for CADANGAN PROJEK JAMBATAN TEMBURONG (PROPOSED TEMBURONG BRIDGE PROJECT)** is open.

Package CC5A of this Project includes route-wide design, procurement, supply, construction, installation, testing, commissioning and maintenance of the three systems: TCSS, SCADA and road lighting. The scope of Works includes, but not limited to, the following:-

- a. System detailed design and implementation of submission;
- b. Supply, installation and commissioning of the TCSS field equipment along road length, and the TCSS Operation Room / Equipment Room of the Administration Building and Secondary Complex Building, including all necessary control panels, video display, operator consoles, workstations and associated support system etc.;
- c. Supply, installation and commissioning of process control computers, processing units, monitoring equipment, logging equipment, wiring and accessories for the SCADA to form a complete system;
- d. Supply, installation and commissioning of the luminaires, lamp sources, timer, photoelectric sensors, lamp posts, mounting brackets, control gear, ignitor, earthing, lighting protection, cable containment and wiring connections, and all other equipment and accessories for a complete road lighting system;
- e. Coordination with relevant parties and other contracts to facilitate system interface, this shall include supply and install all necessary equipment and material to allow functional operation;
- f. Development of the central TCSS software with Automatic Incident Detection (AID) algorithm(s) and response manager, and provisions of related documentation;
- g. Provision of training, operation and maintenance support for the SCADA system;
- h. Provision for lighting calculation proving that the performance of road lighting system to comply with the specific requirements and obtain the approval of local relevant authority;
- i. Undertaking of associated installation and minor civil works including poles, masts, electrical supply and distribution from the isolators to field devices, mounting of equipment, installation of cabling, etc., not otherwise included in the civil and E&M contracts;
- j. Provision of all support systems for SCADA systems;
- k. System integration and configuration;
- l. Full system testing, including factory acceptance, site commissioning, final acceptance and operability testing; training and documentation; and
- m. 12 months of warranty and maintenance period for TCSS and Road Lighting. 10 years warranty, maintenance period and full licenses of all softwares including the control/monitoring application and operating system platform for SCADA.

The works are scheduled to start in the 1<sup>st</sup> quarter of 2016 and completion by 2018.

Applicants meeting the following requirements are eligible to apply for prequalification:

1. The applicant, in the case of a single contractor, must be a Class V or Class VI contractor registered with the Ministry of Development in Brunei under categories E01 and E02. In the case of a joint venture applicant, the applicant must have at least ONE (1) Class V or Class VI contractor registered with the Ministry of Development in Brunei under categories E01 and E02 as a participant/shareholder.
2. The applicant must have an average of total annual turnover of the past 5 years of at least equivalent BND\$40 million.
3. The applicant must have a working capital, for each of the past 3 years and the projected next 2 years, of at least equivalent BND\$10 million.
4. The applicant, or any one of the participants/shareholders in the case of a joint venture applicant, must have at least completed two TCSS detailed design and construction contracts; completed SCADA system detailed design and construction contracts; and completed Road Lighting detailed design and construction contracts within the last 8 (eight) years to demonstrate that the applicant has the relevant project management and technical experience.
5. The applicant, in the case of a single contractor, must obtain a quality management system certification that complies with the requirements of BS EN ISO 9001 : 2008. In the case of a joint venture applicant, each and every participant/shareholder except the Class V or Class VI contractor registered with the Ministry of Development in Brunei under categories E01 and E02, must obtain a quality management system certification that complies with the requirements of BS EN ISO 9001 : 2008.
6. The applicant, or each and every participant/shareholder in the case of a joint venture applicant, must be free of any conviction of any offence related to fraud, money laundering or corruption and the like under the laws of any country.

The details of the requirements are stipulated in the prequalification documents which can be purchased from the following address:

**Tender Unit,  
Ground Floor, Public Works Department Headquarters,  
Old Airport Road, Berakas,  
Bandar Seri Begawan BB3510,  
Negara Brunei Darussalam**

The applicant must submit a letter (with the letterhead of company to be registered) and a non-refundable Brunei-denominated Banker's Cheque as document fee in the amount of BND\$1,000.00 payable to **The Government of Brunei Darussalam**. A receipt will be issued to the applicant as a record and verification of the prequalification submission later.

Prequalification Documents will be available for collection from **23<sup>rd</sup> March 2015**. **Last date for payment and collection of Prequalification Documents is 27<sup>th</sup> April 2015.**

Completed prequalification applications must be placed in a sealed envelope **CLEARLY MARKED ONLY** as follows:

*At the top left corner of envelope*

**Prequalification Submission  
Cadangan Projek Jambatan Temburong (Proposed Temburong Bridge Project  
Package CC5A– Traffic Control and Surveillance System (TCSS), Supervisory Control and Data  
Acquisition System (SCADA) and Road Lighting  
Tender No. KPN/JKR/BTB/01/2015  
Closing date: 2:00pm on 18<sup>th</sup> May 2015**

*At the centre of envelope*

**The Chairman,  
State Tender Board,  
Lobby Area, Ministry of Finance,  
Commonwealth Drive,  
Bandar Seri Begawan BB3910,  
Negara Brunei Darussalam**

To be submitted not later than **2:00pm Brunei local time on Monday, 18<sup>th</sup> May 2015.**

**Late applications will not be accepted.**

**All enquiries on this prequalification shall be addressed to:**

The Director – General,  
Public Works Department,  
Ministry of Development,  
Jalan Lapangan Terbang Lama Berakas,  
Bandar Seri Begawan BB3510,  
Negara Brunei Darussalam  
or  
email to: [BTB@pwd.gov.bn](mailto:BTB@pwd.gov.bn)

The Government of Brunei Darussalam is under no obligation to any enquiries it receives and reserves the right not to follow up on any submission at its sole discretion without explanation.

**Important Notice!**

Interested international contractors who wish to participate in this Prequalification Application can purchase the Prequalification Document themselves and payment details can be obtained from Public Works Department [[BTB@pwd.gov.bn](mailto:BTB@pwd.gov.bn)]. However, they are reminded that they need to apply as 'Joint Venture' with at least ONE Class V or VI contractor registered with the Ministry of Development in Brunei under categories E01 and E02.

**Location Plan**

