



Ministry of Development  
Brunei Darussalam

# OPEN INVITATION FOR PREQUALIFICATION

## Cadangan Projek Jambatan Temburong (Proposed Temburong Bridge Project)

- Package CC5B – Power Supply System

Tender Reference: KPN/JKR/BTB/02/2015

The Government of Brunei Darussalam is inviting reputable local contractors registered with the Ministry of Development with valid Class V or VI registration under Categories E02 and E03 to participate in the Tender of the above Package for this Project. The proposed bridge links Brunei-Muara District to Temburong District across Brunei Bay.

### Tender Package

Package CC5B of this Project includes route-wide design, procurement, supply, construction, installation, testing, commissioning and maintenance of the power supply system: HV Power Supply System and LV Power Distribution System including HV switchgear, HV cabling, power transformer, LV switchboards/equipment and necessary accessories and the LV packaged Substations along the bridge including associated equipment with cabling up to the feeder pillars/distribution boards. The scope of Works includes, but not limited to, the following:-

- a. Coordination for incoming power supply from DES;
- b. Provision of normal power supply installation including distribution boards, circuit breakers, protection/measurement relays etc.;
- c. Provision of standby diesel generating set installation including fuel oil storage, delivery system and essential power distribution system;
- d. Provision of uninterruptible power supply (UPS) system comprising rectifier/charger, battery, inverter, static switch, voltage regulator, by-pass switch and distribution board;
- e. Provision of main distribution system and cabling up to all interfacing points like termination box, fuse cut-out or isolator for the other contract equipment's power supply;
- f. Provision of earthing system, equipotential bonding system and corresponding connection to the earth link / terminal of earthing system provided by other contractors;
- g. Interface provisions and necessary accessories including marshalling / termination boards / dry-contacts and associated wirings interfacing with SCADA system for remote monitoring and control.
- h. Provision of all necessary wiring, enclosures, mounting accessories, power distribution to the power supply point, interfacing elements and components which are required for the power supply system;
- i. Provision of loading calculation proving that the performances of power supply system to comply with the specific requirements and obtain the approval of DES;
- j. Supply and installation of the equipment and accessories for termination of cable and cable joints.
- k. Liaison with the other contractors for the locations of earthing terminals of HV and LV equipment for earthing conductor connection and power supply interface points;
- l. 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;
- m. Performing all verification, testing and commissioning including arranging inspections and obtaining all relevant authorities' approvals and consents in respect of the Works;
- n. Full system testing, including factory acceptance, site commissioning, final acceptance and operability testing;
- o. All civil works including HV Primary Substations, LV Substations, feeder pillars etc.;
- p. All the proposed cable containment systems including cable trays, cable trunkings, cable ducts, brackets, troughs, drawpits, junction boxes and necessary supporting system that are required for HV Power Supply System and LV Power Distribution System;
- q. All ground level ducts, including cross-road ducts with concrete surround from bottom of the pier, bridge deck, HV Primary Substations, LV Substations, feeder pillars inside the site boundary.

### Who could participate?

Interested firms **MUST** be a local contractor with valid Class V or Class VI registration under Categories E02 and E03 with Ministry of Development, Brunei Darussalam.

To obtain Prequalification Documents, **a non-refundable document fee of B\$1,000.00 (Brunei Dollars One Thousand)** is required in the form of Banker's Cheque made payable to "The Government of Brunei Darussalam", together with a letter requesting to purchase the documents.

Prequalification Documents are available for collection from 15<sup>th</sup> June 2015. **Last date for payment and collection of Prequalification Documents is 13<sup>th</sup> July 2015.**

### The Prequalification Documents can be obtained from:

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

Further information can be obtained from Public Works  
Department's website: [www.pwd.gov.bn](http://www.pwd.gov.bn)

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

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

Prequalification Documents shall be submitted to the **following address no later than 2.00 pm Brunei Time on 3<sup>rd</sup> August 2015:**

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