

**Tender Notice for Consultancy for
Independent Checking and Advisory Services
At the Design and Construction Stages for the
Hong Kong-Zhuhai-Macao Bridge (HZMB) Main Bridge Project**

The Feasibility Study Report of HZMB project was submitted to the National Development and Reform Commission for approval in end December 2008. Meanwhile, the investigation and design of the HZMB Main Bridge under the preliminary design stage has commenced. The HZMB Advance Work Co-ordination Group (AWCG) Project Office (hereafter “the Tender Inviter”), entrusted by the HZMB AWCG, will commence the tendering work for the “Consultancy for Independent Checking and Advisory Services at the Design and Construction Stages for the HZMB Main Bridge Project” (hereafter “the Consultancy”) and now invites international competitive open tenders and conducts assessment of the tenderers’ qualifications.

1. Project Brief

The proposed HZMB will straddle the waters of Lingdingyang of the Pearl River Estuary. It is not only a large sea crossing linking the Hong Kong Special Administrative Region (HKSAR), Zhuhai City of Guangdong Province (GD) and the Macao Special Administrative Region (MSAR), but also an essential transport construction project included in “National High Speed Road Network Planning” (國家高速公路網規劃). Its scope includes: HZMB Main Bridge, Hong Kong Boundary Crossing Facilities (BCF), Zhuhai BCF, Macao BCF, Hong Kong Link Road and Zhuhai Link Road. The HZMB Main Bridge is a bridge-cum-tunnel sea crossing of 29.6km in length from the boundary of Guangdong and HKSAR to the artificial island for Zhuhai and Macao BCFs fronting Gongbei/A Pérola(明珠) at the west.

The cost for the Consultancy will be funded jointly by the governments of HKSAR, GD and MSAR.

2. Scope of the Consultancy

The scope for the Consultancy comprises two stages, with Stage 1 covering the period of preliminary design and tendering phases, whereas Stage 2 covering the period of detailed design and construction phases. The Consultancy services include independent scrutiny and advisory services on design standards, design documents and associated interim findings, topical studies, the findings arising from professional subconsultant work, key design technicalities and so on; assisting in the tendering processes inclusive of tender documents preparation;

preparation of “Construction and Quality Acceptance Standard” and “Operation and Maintenance Manual”; independent scrutiny and advisory services on design variations during the construction stage, overall construction programme and planning proposal for each tender, and special construction proposals; provision of training service and follow-up service for the Client, to mention but a few.

3. Tender Form

The tenderer can be a consortium of Sino-Foreign Cooperation to bid for the Consultancy. However, the number of consortium members should be limited to a maximum of FOUR. Upon signing of the Agreement of Consortium, any of the consortium members shall not be involved as a participant or a subconsultant of another consortium to tender for this Consultancy. The leading member will represent all members of the consortium to complete the whole tendering exercise.

The tenderer shall satisfy the relevant requirements as stipulated under point 4 of this tender notice below. The foreign participants of a consortium shall be the consulting firms with design or, independent checking and advisory experience on exceptionally large sea/river-crossing bridge and tunnel construction.

4. Qualification and Experience Requirements

Tenderer	Qualification	Experience
Consortium	<p>1. Design: (1)Category A of Comprehensive Engineering Design Qualification; or (2)Category A under Highway Project (Exceptionally large bridge); Category A under Highway Project (Exceptionally large tunnel).</p> <p>2.Independent Checking and Advisory Service: Category A for Highway profession.</p> <p>(The above qualifications are</p>	<p>(1) Within recent fifteen years, successful completion of the design and/or, independent checking and advisory services for at least TWO sea crossing bridges (one of them with length exceeding 10km) under oceanic conditions within and outside the Mainland;</p> <p>(2) Within recent fifteen years, successful completion of the design and/or, independent checking and advisory services for at least TWO number of suspension bridges with main span of 800m or above, or cable-stayed bridges with main span of 400m or above within and outside the Mainland;</p> <p>(3) Within recent fifteen years, successful completion of the design and/or, independent checking and advisory services for at least TWO tunnels constructed by means of</p>

	accredited by the government of PRC.)	immersed tube or TBM machine method, of more than 2km in length (at least dual two lane carriageway; river or sea crossing; with at least one tunnel in oceanic condition) within and outside the Mainland
Leading Consortium member	/	<p>(1) Within recent fifteen years, successful completion of the design and/or, independent checking and advisory services for at least ONE sea-crossing bridge with length exceeding 10km under oceanic conditions within and outside the Mainland; Also within recent ten years, successful completion of the design and/or, independent checking and advisory services for at least ONE suspension bridge with main span of 800m or above, or ONE cable-stayed bridge with main span of 400m or above, within and outside the Mainland;</p> <p>(2) Within recent fifteen years, successful completion of the design and/or, independent checking and advisory services for at least ONE tunnel constructed by means of immersed tube or TBM methods (at least dual two lane carriageway).</p>

Note: “successful completion” means that approval on the preliminary design of the project has been obtained, or scrutiny of the detailed design has been completed, or completion in independent checking and advisory services at design and construction stages and the works have been accepted.

5. Time and Venue for Application and Purchase of Tender Documents

Those interested leading consortium members may purchase the tender documents from Guangzhou Construction Project Bidding Centre (GCPBC) (廣州建設工程交易中心) (No. 333 Tianrun Road, Tianhe District, Guangzhou) during the periods of 09:30-11:30 and 14:30-16:30 (Beijing time) on 3rd April 2009, bringing with them the following documents:

- i) Certified true copy of enterprise registration proof or legal entity business permit for the enterprise;
- ii) Reference letter from organizations (單位介紹信), original of Letter

of Delegation from the legal entity, and the Identity Card of the delegated person,

- iii) One copy each of documents mentioned in (i) and (ii) above; and,
- iv) One copy each of documents showing related project experience (Letter of Tender Award or Contract Document needs enterprise chop)

Price for each set of tender documents is RMB One Thousand dollars and the fee is non-refundable. Prior to purchase of tender documents, it is required for the tenderers to apply for an IC card beforehand (If the leading consortium member is an enterprise outside the Mainland, she can entrust her representative with a Letter of Delegation (and valid identity proof document) to apply for the IC card at GCPBC before the date of purchase of tender documents by bringing along with the “enterprise registration proof” or similar document issued by the authority of the respective country/region, relevant identity proof of enterprise’s responsible person (legal delegate) (Photocopy suffices for the purpose of application. If tender is accepted, the original copy of the proof will be provided for checking))(the tenders can contact the bid inviter for any inquiry), and download from <http://www.gzzb.gd.cn> and complete the Guangzhou construction tender application form (廣州建設工程投標報名申請表) as pre-requisite requirements for subsequent purchase of the tender document at prescribed date and time. Tender application will be rejected if the tenderer cannot provide sufficient proof of related experience or experience that can meet the minimum requirements.

Tender Inviter : HZMB Advance Work Co-ordination Group Project Office
Address : 9/F Guangdong Jiaotong Building, No. 27 Baiyun Road,
Guangzhou
Contact Person : Miss Jiang or Mr. Gao
Telephone No : 020-83732209
Fax No : 020-83730867

Tender Inviter : HZMB Advance Work Co-ordination Group Project Office
27th March 2009

[Disclaimer: The tender notice has both Chinese and English versions. In case of doubt or inconsistency between two versions, the Chinese version prevails.]