Mumbai Metropolitan Region Development Authority (MMRDA) invites proposals from internationally reputed consultancy firms/ consortium of firms for techno-economic feasibility and complete transaction advisory services including bid process management for the proposed Mumbai Trans Harbour Link (MTHL) project connecting Sewri in Island city of Greater Mumbai and Nhava on Main land in Mumbai Metropolitan Region (MMR), Maharashtra, India on suitable Public Private Partnership (PPP) basis. The project envisages a 22 km long sea link road bridge with provision for metro corridor with appropriate dispersal systems. The detailed notice is available at http://www.mmrdamumbai.org. For further details contact Mr. S R Nandargikar, Chief Engineer on above mentioned contact details. The last date of submission of proposals is 15.6.2011 till 15.00 hrs.

Date: 26-04-2011

Rahul Asthana, IAS
Metropolitan Commissioner
Detailed Tender Notice:

Global Invitation for appointment of consultants for Mumbai Trans Harbour Link (MTHL – Sewri-Nhava Sheva) Project

Background:

The proposed Mumbai Trans Harbour Link (‘MTHL’) which connects Sewri (in Island city of Mumbai) to Nhava Sheva (Main land) in Mumbai Metropolitan Region (MMR), Maharashtra state, India has been planned with the basic objective of a) Development of Mainland and reducing pressure on Mumbai City; b) Facilitate decongestion efforts by Improving connectivity between Island city and main land. The Project consists of construction of a bridge across the Mumbai Harbour connecting interchanges at both ends. The total length of the link will be 22 km and will consist of approach roads, viaducts on inter-tidal zone, bridge across the harbour and interchanges at Sewri and Chirle.

There were attempts in the past to invite the bids in 2004 on BOT basis and in 2008 on a design build contract basis. In 2009, it was decided to implement the project on a PPP basis under VGF scheme of Government of India (GOI) for which in-principle approval from GOI was received in April, 2009.

MMRDA envisages a Road – cum – Metro Bridge comprising of 6 lane of Road Bridge with provision for a twin track Metro. Separate DPRs for a 6 lane of Road Bridge, road dispersal system and Metro have already been prepared. Now, the present assignment envisages to provide holistic and integrated planning for MTHL road cum metro bridge and dispersal system on both island and main land sides. In this context, MMRDA invites bids for consultancy services from consultancy firms having international experience and competence.

Objective:

The objective of this assignment is to update the techno-economic feasibility carried out earlier, assist MMRDA in bid process management and provision of complete transaction advisory services for the proposed Mumbai Trans Harbour Link (MTHL) on a suitable PPP structure.
**Scope of services:**

The consultancy for MTHL should examine the various options of a sea link bridge with six lane Road bridge and provision for Metro corridor (length: approximately 22 km), review and updatation of dispersal system for both road and metro on Island city side and main land side, In summary, a holistic and integrated planning for MTHL road cum metro bridge and dispersal system (road as well as metro) on Island and main land sides is envisaged.

Prima facie, implementation of MTHL project is likely to be under PPP (DBFOT) format. The proposed project components consist of construction of MTHL road bridge (3+3 lanes) along with provision for metro (twin track) including approaches and interchange facilities at Sewri and main land upto Chirle on NH-4B. The road dispersal system in Island city side & Main land side beyond Chirle and MTHL metro (twin track) & its further extensions will be executed under separate contract packages. The Consultant has to recommend the cost efficient technically feasible and financially viable option along with suitable PPP structure, provide complete transaction advisory services including examination of all the legal aspects and framework, all pre-tender services including review and updating of detailed feasibility studies/ DPR studies carried out earlier, bid process management, and post-tender services towards implementation of selected option. Broad scope of work is enclosed in Annexure A and in addition detailed scope of services is given in RFP document.

**Eligibility Criteria:**

The consultancy firms must meet all the following eligibility criteria. In case, a consultancy firm does not meet all the criteria, it can form a consortium/ Joint venture of not more than three firms with the Technical/Engineering consultant as the “Lead member”. Consortium / Joint venture members shall be jointly and separately responsible for satisfactory completion of the project. The following criteria should be fulfilled by the Lead Member/ Consortium.

A) Minimum 15 years experience in consultancy services in transport infrastructure. In case of consortium, this is applicable for “Lead Member”;
B) Experience of pre-tender services including detailed feasibility studies/ DPR studies and post-tender services for one road bridge project (execution completed) over sea or creek or river of length more than 10 km long with navigational clearance aspects and dispersal system during last 10 years preceding the Proposal Due Date (PDD). In case of consortium, this is applicable for “Lead Member”;

C) Experience of pre-tender services including detailed feasibility studies/ DPR studies and post-tender services for one metro project (execution completed) of at least 10 km long during last 10 years preceding the PDD;

D) Average Annual turnover of more than INR 60 Cr. (US$ 13.3 million) for the last 3 consecutive financial years preceding the PDD. In case of consortium this is applicable to “Lead Member” and the total Average Annual turnover of the consortium should be more than INR 100 Cr. (US$ 22.2 million) for the last 3 consecutive financial years preceding the PDD;

E) Experience in transaction advisory services including legal aspects and framework for two successful PPP projects in transport infrastructure, each costing not less than INR 5,00 crores (US$ 111 million).

The detailed RFP document is available on website: [http://www.mmrdamumbai.org](http://www.mmrdamumbai.org) from 30/04/2011 onwards. The last date for submission of proposals is 15/06/2011 till 15.00 hrs in the office of the Chief Engineer, Engineering Division, MMRDA (Mr. S R Nandargikar), Bandra Kurla Complex (East), 400051, Telephone no. +91-022-2659 1239, Fax no. +91-022-2659 4179, E mail: cemmrda@ymail.com.

MMRDA reserves the right to reject or accept any or all the tenders without assigning any reasons.

Metropolitan Commissioner
MMRDA
Annexure A: Mumbai Trans Harbour Link (MTHL)- Broad TORs

Scope of work:

Broad scope of work includes the following

**Stage-1: Preliminary Project Preparator y Studies (Techno-Economic, Traffic, Socio and Environmental, Legal, Financial studies, etc.)**

(i) Review of existing Feasibility Studies/ DPRs for MTHL Road, MTHL Metro and dispersal system on Island city side and Main land side;

(ii) Based on review of earlier Feasibility Studies/ DPRs, suggest alternative options (Bridge, approaches and dispersal systems on either side), preliminary design for each option, evaluate and recommend the best and cost efficient option;

(iii) Update traffic forecast on road and passenger loadings on metro respectively based on available secondary data and reports.

(iv) Preparation/updating of cost estimates for selected option;

(v) Review of existing revenue sources suggested in the earlier studies and recommend innovative sources of revenue;

(vi) Review and update Socio-Economic and Environmental Impact Assessment and propose mitigation measures as per Ministry of Environment and Forest (MoEF) guidelines;

(vii) Recommend implementation strategy and institutional mechanism;

(viii) Carry out economic analysis, financial analysis, examine legal aspects & framework and recommend appropriate PPP structure;

(ix) Provide outline specifications for works;

(x) Assist MMRDA in revalidating/ obtaining all the clearances including environmental clearance;

(xi) Carry out land survey for alignment wherever necessary and provide cost estimates for the land acquisition;
Stage-2: Complete Assistance in Procurement

(i) Preparation of bid documents i.e. RFP, Draft concession agreement based on preferred PPP structure;

(ii) Assist MMRDA in bid process management;

(iii) Assist MMRDA in the process of approvals for VGF from Government of India;

(iv) Assist MMRDA in evaluation of bids and selection of bidder;

(v) Assisting in post selection process till signing of Concession Agreement;

and

(vi) Complete transaction advisory services including legal aspects and framework.