

Hubli-Dharwad BRTS Company Limited

**(A Government of Karnataka Undertaking)
GEF-Sustainable Urban Transport Project India**

GEF Grant Number: TF 095549 IN

REQUEST FOR EXPRESSION OF INTEREST

for

**Hiring "Project Management Consultants for Intelligent Transport System
(ITS) for Hubli - Dharwad BRTS Project"**

No: H-D BRTS/12/Tenders/2012-13

Date: 03-05-2013

1. This invitation for Expression of Interest follows the General Procurement Notice for this project that appeared in UN Development Business issue number 737 on 1 October, 2008.
2. The Government of India has received a loan cum grant from the Global Environment Facility (GEF) - International Bank for Reconstruction and Development to implement Sustainable Urban Transport Project (SUTP). A part of the grant/loan for SUTP is intended to be used for implementation of Hubli-Dharwad Bus Rapid Transit System (BRTS) Project. These investments are expected to improve and promote environmentally sustainable urban transport infrastructure and services in the city.
3. Hubli-Dharwad BRTS Project aims at promoting public transport with reduced travel times, increased comfort, reliability and safety for the commuters in the city. The main features of the BRT Project are – Segregated bus lanes, Off board ticketing, Intelligent Transport system, Area traffic control system, integration of trunk with feeder and other city services.
4. Hubli-Dharwad BRTS Company (HDBRTSCO) is a Government of Karnataka undertaking entrusted with the implementation of Bus Rapid Transit System in Hubli-Dharwad City. Hubli-Dharwad BRTS Company Limited intends to apply part of the proceeds of the grant/loan towards payments for consultancy services and invites eligible consultants to indicate their interest in providing the service as under:

5. Brief scope of the project

A BRTS trunk corridor is being developed between the twin cities of Hubli and Dharwad for about 22.25 km under the World Bank-GEF assisted Sustainable Urban transport Project. The project aims to improve mobility between the twin cities by providing safer, faster and reliable commuting options. In order to ensure seamless mobility and efficient transfers, the project also aims to bring about a service and fare integration between BRT and feeder services. The project has also identified the need for modernizing the supporting infrastructure for bus operations and maintenance and even Non-BRT infrastructure are also proposed to be up-graded with provision for inclusion of ITS. The Intelligent transport system for Hubli-Dharwad consists of ITMS (Intelligent Transit Management System) for BRT and feeder services and ITS for traffic management. Intelligent Transit Management System (ITMS) shall deliver above stated stakeholder requirements by integrating various solutions and technologies onto an integrated platform which shall comprise of following distinctive application areas:

- Automated Fare Collection System
- GPS based Fleet Monitoring System
- Vehicle Scheduling & Dispatch System
- Passenger Information System
- Financial Management System / Central Clearing House System
- Depot Management System / Bus Terminal Management System
- Incident Management System / Call Centre Management System
- Business Intelligence System
- Enterprise Management System

6. HDBRTSCO has embarked on the idea of implementing ITS based ATC system to minimize the stops and delays in the road network to decrease the travel time with the help of state-of-the-art technology. HDBRTSCO with the help of ATCS wants to proactively manage signaling system within the city to ensure safe & smooth traffic flow and priority for public transport and pedestrians.

The broad scope of the Project Management Consultancy (PMC) would include end to end Project Management broadly including the services mentioned below and allied activities.

- a) Review the ITS Action Plan prepared for the BRTS Project and fine tune the ITS, technology and system options requirement in consultation with the HDBRTSCO.
- b) Prepare the system requirement specifications and bid documents for the selection of system integrator including development of monitoring and MIS formats for monitoring of the system as well as the functioning of the ITS.
- c) Assist the Client in bid process management and in the selection of the system integrator for ITS delivery.
- d) Review the hardware and software requirements, system designs etc, ensure that the implementation of the ITS is as per the approved design and specifications and validate solution architecture to ensure interoperability and scalability.
- e) Assist HDBRTSCO in Project management including compliance with timelines, certification of quality assurance including certification of hardware and software components before commissioning and other related components, monitor compliance to service level agreements etc.
- f) Prepare a framework for post deployment activities.
- g) Vendor Contract Management.
- h) Supervision & Monitoring during and after implementation.
- i) Review of various manuals (user manual/maintenance manual/training manual) prepared by the system integrator.
- j) Supervision of training expected to be provided by the system integrator to the related staff responsible for implementation of ITS components.
- k) Preparing a service level agreement with the system integrator and also developing the service level parameters for measuring the effectiveness of ITS.

7. Duration of Consultancy: The duration for this consultancy is expected to be 36 months.

8. Interested consultants must provide information indicating that they are qualified to perform the services (brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among the staff, etc). Notarized copy of certificate of client, work order or agreement shall be necessary to consider a description of similar assignment for evaluation. The indicative structure for submission of EOI can be downloaded from the following **website: www.urbantransport.kar.nic.in**

9. The consultant will be selected in accordance with the procedures set out in the World Bank's Guidelines: Selection and Employment of Consultants by Bank Borrower, May 2004 revised May 2010 available at www.worldbank.org/procure

10. Consultants may associate to enhance their qualifications. The "Association" may take the form of a joint venture (with joint or several liability) or of a sub consultancy.

11. Interested consultants may obtain further information (if required) from the contact person/ address given below:

Deputy General Manager (Infrastructure)
First Floor, KSFC Building, Rayapura, PB Road,
Dharwad-580 009,
Ph/Fax: 0836-2322700
Email: hdbrts@gmail.com

Website: www.urbantransport.kar.nic.in

During office hours: between 10.00 AM to 5.30 PM on all working days from Monday to Saturday except on Government holidays.

12. Expression of Interest superscripted with the title of the particular consultancy must be delivered to the address indicated above not later than 17:30 hrs on 02-06-2013. The proposals shall be submitted in Hard Copies only (2 sets). Electronic submission of the proposal is not acceptable.

-Sd-/

Deputy General Manager (Infrastructure)
Hubli-Dharward BRTS Company Ltd