

The Government of Macau Special Administrative Region

Transportation Infrastructure Office

International Open Tender

SUPPLY OF “ROLLING STOCK & SYSTEMS FOR THE PHASE 1 MACAU LIGHT RAPID TRANSIT”

Introduction

The Transportation Infrastructure Office (GIT) of The Government of Macau Special Administrative Region (The Government of MSAR) is the official authority to develop the Light Rapid Transit (LRT) in Macau. GIT is very pleased to present the call for tenders for the supply of **Rolling Stock & Systems for the Phase 1 Macau LRT Project**.

The Government of MSAR is committed to provide a comfortable, efficient and modern transportation system to cope with the rapid growth in travel demand. Macau LRT will be developed to form the MSAR's public transport backbone, in phases to expand the network to cover most parts of the MSAR.

The Macau LRT will be a fully-automated system operated by driverless rubber-tyre trains. Phase 1 will run along the east coastal corridor, passing through the Sai Van Bridge and connecting Taipa and Cotai in the south across the channel. The line with 21 stations is approximately 21km long which will mainly be elevated, with an underground tunnel section of about 2.6 km.

Objective

The purpose of this Call for Tender is to seek the best offer from eligible Tenderers worldwide to supply Rolling Stock and Systems for the Phase 1 Macau LRT, and the Design and Build Turnkey solution for implementation of LRT in Sai Van Bridge.

Scope of Tender

The tender shall include the supply of driverless Rolling Stock with rubber-tyre wheels and ATC System, including other subsystems of Platform Screen Doors, Power Distribution System, SCADA, Automatic Fare Collection and Ticketing System, Radio Network, Telecommunication Network, CCTV, Access Control, Passenger Information System, Public Address and Telephone, and Guideway for the Phase 1 of Macau LRT as well as Depot tools and equipment; and the Design and Build Turnkey solution for implementation of LRT in the Sai Van Bridge.

Eligibility of Tenderer

- Any Entity which specializes, as a minimum, in
 - a) Supply of Rolling Stock (with the Automatic Train Control (ATC) system supplier as subcontractor);
 - b) Supply of both Rolling Stock and ATC system ;

Or

- Any association of, as a minimum, an entity specialized in supply of Rolling Stock, together with an entity specialized in supply of ATC system, in the form of External Consortium, Joint Venture or Economic Interest Grouping, of passive joint and several liability, under an existing agreement. The lead Member of the association shall either be Rolling Stock Supplier or ATC Supplier.
- No entity specialized in supply of ATC is eligible for this International Open Tender in an isolated way, even when submitting a Tender in which the Rolling Stock Supplier is his subcontractor.
- One company cannot belong to more than one association of Tenderers, nor apply separately as an individual Tenderer if already part of an association. If these situations exist, the Tenders submitted by the Tenderers or Association of Tenderers, shall be immediately excluded from the International Open Tender.

Entry Requirement

- The tenderer shall possess technical capacity, in terms of its own resources and manufacturing capability, for the execution of the Contract Works.

- The Tenderer shall submit as part of the tender at least one similar project in Rolling Stock and one similar project in ATC with complete and successful implementation in the last 15 years.
- The Rolling Stock used in the similar project shall be with rubber-tyre wheels; whereas the similar project for ATC system can be either rubber-tyre or steel wheels.
- The similar project shall be an Unattended Train Operation (UTO) line with a minimum length of 5 km. It shall have been in revenue service for at least the last 18 months prior to the date of the Official Public Announcement, with availability of 98% in the last month of that period.
- The proposed Rolling Stock shall be in rubber-tyre wheels and has been fully proven in previous projects, with a minimum of 18 months of revenue service prior to Official Public Announcement.

Timetable

Description	Date
Official Public Announcement	2 December 2009
Collection of Tender Documents	3 December 2009 ~ 12 March 2010
Registration for 1 st Site Visit*	8 December 2009
1 st Site Visit	10 ~ 13 December 2009
Registration for 2 nd Site Visit*	21 December 2009
2 nd Site Visit	28 ~30 December 2009
Submission of Tender	12 March 2010
Tender Public Opening Session	15 March 2010

Remarks: * For details of registration, please refer to the Tender Documents.

Further Information

The Tender Documents can be collected at:

Address: Transportation Infrastructure Office Headquarter
 Rua do Dr. Pedro José Lobo, Banco Luso Internacional Building, Number 1-3,
 26th Floor, Macau

Office Hour: Mondays to Thursdays: 9:00-13:00, 14:30-17:45
 Fridays: 9:00-13:00, 14:30-17:30

Document Fee: MOP 12,000 (Twelve Thousand Patacas)

For enquiries, please call GIT Office at +853-28813722, visit the website at www.git.gov.mo or email to macault@git.gov.mo.