

**This Market Study will gather and analyze the proposals in order to define the budget for the implementation of the Integrated Ticketing System (SIR).**

## INTEGRATED TICKETING SYSTEM (SIR)

### 1 AIM

To implement the holistic service for supplying, operating and maintenance, of the Integrated Ticketing System for the Public Transportation in the Metropolitan District of Quito, in both Metro de Quito and Metro Bus - Q<sup>1</sup>.

### 2 SCOPE

The Municipality is looking for a modern, efficient, and reliable ticketing services, that will guarantee:

- ✓ An integrated public transport network within the Metropolitan District of Quito.
- ✓ Electronic payment systems available in the entire public transport network.
- ✓ Aligned with the current Ticketing Policy.
- ✓ Preference price for elderlies, disable people and kids.
- ✓ Gather information of trips and the incomes for the Public Transport System.

This system will be implemented in the entire infrastructure of the first lien of the “Metro de Quito” (stations, ground transport integration areas) and the: 1) Central Trolebus Corridor; 2) Southeast corridor; 3) Northwest Corridor and Southwest corridor (all stations) of the EPMT PQ<sup>2</sup>, according with the following levels:

- Level 1: Buses validators and turnstile (with reader NFC EMV cert. + QR reader)
- Level 2: Recharge (Conventional – Close loop/ABT)
- Level 3: Technological Operators → combined trips.
- Level 4: Technological Operator (Processor) → combined trips.
- Processor: Financial System - Banks

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<sup>1</sup> Metro Bus – Q: In this subsystem runs the BRT’s systems, Trolley and Ecovia.

<sup>2</sup> EPMT PQ: Empresa Pública Metropolitana de Transporte de Pasajeros



The service supplier will be responsible of the implementation from level 0 to level 3:

- Level 0: Electronic payment system.
- Level 1: Boarding validation system.
- Level 2: Sales and recharge network
- Level 3: Ticketing operator platform

In addition, we request your technical recommendation for the suitability of a double (entrance and exit) or simple (entrance) validation.

Please, attach the technical specifications and a detailed proposal.

The proposal must be sent until 23:59 h (Ecuadorian official time) on March 22<sup>nd</sup> of 2021, to the following emails: [Proyecto.sir@metrodequito.gob.ec](mailto:Proyecto.sir@metrodequito.gob.ec) and [proyectosirsaisiu@trolebus.gob.ec](mailto:proyectosirsaisiu@trolebus.gob.ec)

If you have any question do not hesitate to send it to the aforementioned e-mails.

The official language of the communication is Spanish.

Attached files:

- EstudioMercado\_MQ-TPQ\_v1: Especificaciones técnicas.
- Propuesta\_Cotizacion: Formato de propuesta requerida.
- Actualización Manual de Niveles\_3\_2\_1 v3 0 2 SIR: Normativa