

# Request for Proposal Notice

**Name of Assignment:** Big Data Visualization Analysis and Evaluation System of Bus Operation

**RFP Reference No.:** WKZB2326NXG401139

**Loan No.:** 19CN03

**Contract No.:** CS-8

**Country:** The People's Republic of China

**Date:** Jul 17<sup>th</sup>, 2023

1. The People's Republic of China (hereinafter called "Borrower") has received financing from the New Development Bank (the "Bank") in the form of a "loan" (hereinafter called "Loan") toward the cost of Ningxia Yinchuan Integrated Green Transport Development Project. Project Implementation Agency Yinchuan Municipal Transport Bureau (hereinafter called "Client"), intends to apply a portion of the proceeds of this loan to eligible payments under the contract for which this Request for Proposals is issued. Payments by the Bank will be made only at the request of the Yinchuan Municipal Transport Bureau and upon approval by the Bank, and will be subject, in all respects, to the terms and conditions of the loan agreement. No party other than the Borrower shall derive any rights from the loan agreement or have any claims to the proceeds of the loan.
2. The Client now invites proposals to provide the following consulting services (hereinafter called "Services"): **Big Data Visualization Analysis and Evaluation System of Bus Operation.**

2.1 Project overview: As Yinchuan steadily promotes the establishment of "Transit Metropolis", a large number of public transport information systems and demonstration projects have been carried out. As an important part of the "Ningxia Yinchuan Integrated Green Transport Development Project", with the in-depth implementation of the project, Yinchuan has built a number of public transport information application systems, such as public transport intelligent dispatching system, public transport all-in-one card interconnection system, new energy charging facility management system, public transport ERP integrated management system and public transport group financial management and control system, and the public transport operation status has been improved. Relying on the platform and empowered by information technologies such as the Internet of Things, GIS,

and GPS, intelligent public transportation systems have been widely promoted and applied. More and more traffic monitoring data provides a basis for the information management of public transportation systems.

Recently, the passenger flow in Yinchuan is not optimistic and the operation pressure is high. It is urgent to improve the bus operation through cost reduction and efficiency increase. The public transportation system has accumulated a large amount of data during its operation. Through data collection, fusion, analysis, and display, it is possible to quickly and efficiently understand the characteristics of the current situation of public transportation. Through the application of mature public transportation models, functions such as public transportation travel patterns, network wide public transportation performance monitoring, and bus route optimization can be achieved. By utilizing high-quality public transportation related multi-source data, the current situation of public transportation can be analyzed, and the right method can be applied to solve the deficiencies of public transportation in infrastructure construction, operation management, passenger flow improvement, refueling management, energy consumption management, locomotive management, safety service and public transportation financial expenditure, etc., improve the public transportation service level and achieve the sustainable development of Yinchuan's public transportation industry.

2.2 Service period: Complete the system construction and pass the final acceptance within 5 months from the effective date of the contract, Provide five-year operation and maintenance warranty service from the date of final acceptance passed. In accumulation of 50 person-months.

2.3 Scope of bidding: Provide the Client with the construction of Big Data Visualization Analysis and Evaluation System of Bus Operation. The construction service includes but not limited to: collection and processing of public transport related data, monitoring and analysis of public transport characteristics, establishment and analysis of evaluation system for public transport characteristics, optimization and simulation of public transport network.

2.4 Project sites: Place designated by the Client.

More details on the Services are provided in the Terms of Reference (Section 7).

3. Qualification Requirements for Consultant Firm (hereinafter called “Consultant”):

3.1 shall be a firm or an entity participating in bidding and shall be qualified to sign the contract independently;

3.2 shall be registered in the New Development Bank member countries;

3.3 net assets of each year in past 3 years (2020-2022) shall be positive;

- 3.4 has no dishonest economic dispute records or illegal behaviors including winning bid by defrauding, non-performance of contractual obligation after award of the contract in past 3 years (from 2020 to Deadline for Bid Submission);
- 3.5 has not been sanctioned for prohibition of bidding by government of the New Development Bank member countries;
- 3.6 the Consultant from within P.R.China, has not been listed in untrusted person on CreditChina ([www.creditchina.gov.cn](http://www.creditchina.gov.cn));
- 3.7 The Consultant shall have completed at least one transportation informatization projects (including data analysis work) in past 5 years (from 2018 to Deadline for Bid Submission);
- 3.8 Joint Venture is not accepted.
- 4 A Consultant will be selected under Quality and Cost-Based Selection (QCBS) procedures and in a Full Technical Proposal (FTP) format as described in this RFP.
- 5 Obtain of RFP

**5.1 For domestic Consultant:** the Consultant can log in <http://www.nxggzyjy.org> and download the electronic version of RFP in free of charge by website instruction from Jul 17<sup>th</sup>, 2023 to the Time and Date of the Submission Deadline (Beijing Time, weekends and holidays except).

Notes: ①CA verification for login is active on <http://www.nxggzyjy.org>. For application of CA, please contact Western Security Certification Center Co., Ltd., service hotline: 4008600271 press 1. For usage and operation help of new platform, please contact Jiangsu Guotai Epoint Software Co., Ltd., service hotline: 4009980000, 86-951-6891120.

② The Consultants shall timely pay attention to “Amendment Notice”, “Clarification and modification”, “Reply” on <http://www.nxggzyjy.org> for modification of times and contents, which will not be further informed by the Client (the Procurement Agency). The Consultant shall bear the responsibility of bid failure due to self-negligence of bid notice or amendment (clarification, supplement and etc) notice.

**5.2 For foreign Consultant:** after submitting a written application of bid for signing up to the Client, the Consultant can download the electronic version of RFP in free of charge in Request for Proposal Notice of this assignment on <http://www.nxggzyjy.org> from Jul 17<sup>th</sup>, 2023 to the Time and Date of the Submission Deadline (Beijing Time, weekends and holidays except).

- 6 The proposal's submission date, time: 9:00am (Beijing Time), Aug 18<sup>th</sup>, 2023; Submission method: by hand or mailing; the Proposal submission or mailing address is: Yinchuan Municipal Public Resources Trade Center (7 floor, Building C, Yinchuan Citizen Hall, Yuehai CBD, east of Wanshou Road, Jinfeng District, between Shenyang Road and Dalian Road).

Submission of electronic Proposal by email is allowed and only for foreign consultant, the electronic Proposal shall be encrypted and sent to [liwenduo@minmetals.com](mailto:liwenduo@minmetals.com) before the Submission Deadline. And the decryption password shall be sent to the above email within 15 minutes after the Submission Deadline. If the Consultant fails to submit the Proposal or decryption password according to the above requirements, its Proposal will be considered to be rejected.

- 7 The RFP notice will be released simultaneously on [www.ndb.int](http://www.ndb.int), [www.nxggzyjy.org](http://www.nxggzyjy.org), and [www.cebpservice.com](http://www.cebpservice.com).

## 8 Contact Information

8.1 The Client: Yinchuan Municipal Transport Bureau

Legal Address: Administration Center, 166 Middle Beijing Rd, Jinfeng District, Yinchuan, Ningxia Hui Autonomous Region, P.R.China

Persons of Contact: Ms. Liu

Tel No.: +86 951-6021674

Email: [ycgtpmo@163.com](mailto:ycgtpmo@163.com)

8.2 The Procurement Agency: Minmetals International Tendering Co., Ltd.

Legal Address: Room 906, 9th Floor, Beikuang Financial Building, No.1 Wenxing Street, Xicheng District, Beijing, P.R.China

Post Code: 100044

Persons of Contact: Mr. Li, Mr. Zeng

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