

Invitation for Bids

Date: February 17, 2022

Bidding No.:3230-226022040101

Contract No.: QD-M6-G-001

Loan No.: 21CN04

Entrusted by Qingdao Rail Transit Group Co., Ltd (hereinafter referred to as "Tenderee"), Guoxin Tendering Group Co., Ltd. (hereinafter referred to as "Tendering Agent") conduct international public bidding for Train Autonomous Circumambulation System (TACS) -train control system, traction system and collision avoidance system of Qingdao Urban Rail Transit Line # 6 Phase I project. Now, qualified bidders are invited to participate in the bidding.

1 Source of funds

Qingdao Rail Transit Group Co., Ltd is the contract subject of this project and responsible for the fund raising. The funds will be used for the reasonable payment under this project

2 Name, Quantity, Delivery time and Place of delivery of Bidding goods,Main specifications

Name: TACS of urban rail transit (including train control system, collision avoidance system, traction system and train operation safety auxiliary monitoring system).

Quantity: TACS (including train control system, collision avoidance system, traction system and train operation safety auxiliary monitoring system) for 29 trains (including 174 cars, 4M2T/unit), which used in about 30.762km double main line.

Delivery time: The project is scheduled to fulfil full functional operation at the end of June 2024. The delivery schedule of on-board equipment of the train control system, collision avoidance system, traction system and train operation safety auxiliary monitoring system shall meet the delivery schedule requirements of the train, and the specific requirements shall be determined in the design liaison stage.

Place of delivery: the goods used for train assembly are delivered to the place designated by the train supplier (the address will be notified separately); Spare parts, wearing parts/consumable materials, special tools for maintenance and test equipment shall be delivered to the location of the Tenderee and/or the place designated by the Tenderee.

Main specifications: Line 6 adopts B-type trains with 6-car unit;The initial, near and long-term marshalling methods are all 4M2T (4 moving, 2 towing) 6-car unit , with the highest running speed of 100km/h.The traction power supply system adopts DC1500V contact rail lower current receiving mode. At the initial stage, this project will purchase 29 trains with 6-car unit(totally 174 cars) .Qingdao Urban Rail Transit

Line # 6 adopts the Train Autonomous Circumambulation System (TACS) and the fully automatic driving system is configured according to the automation level GOA4.

3 Qualification Requirements for Bidders

Any legal person or other organization from member countries of New Development Bank (hereinafter referred to as “qualified countries of origin”) may participate in the bidding.

(1)The bidder shall be capable of providing the bidding goods and affiliated services. Meanwhile, the bidder shall be fully responsible for its technologies, quality, performance, working period and after-sales service.

(2) The bidder shall have quality management system certification issued by the certification body which accredited by relevant departments of People's Republic of China or accredited internationally.

(3)Bidder shall have IRIS(International Railway Industry Standard) certification and EN15085(Railway Train and Its Parts Welding Standard) certification issued by the certification body.

(4)The Bidder shall have organization and management experience of urban rail transit test line or main line Train Autonomous Circumambulation System (referred to as TACS) within five years (from January 1, 2017 to the bidding deadline of the project) (with procurement or service contract as proof document), or implementation experience of Communications Based Train Control signal system with fully automatic operation level (under construction or in operation with supply contract as proof document).

(5)The Bidder shall have implementation experience of urban rail transit train traction system project project (under construction or in operation) in recent five years (from January 1, 2017 to the deadline of bidding for this project).The proof documents shall be the supply contract.

(6)Any legal person or other organization that has conflict of interest with the Tenderer and may have impact on fairness of the bidding is not allowed to participate in the bid. Different bidders that have the same person in charge or have the relationship of share-holding or management should not participate in the bids for the same project.

(7)Any subsidiary organization (unit) of the Tenderer that does not have the independent legal personality is not allowed to participate in the bid, any legal person or its subsidiary organization (unit) that has been entrusted to provide consulting services for the preliminary work of the project is not allowed to participate in the bid.

(8)The bidder is ineligible to bid if debarred by their government agencies of the host country. (please indicate in the form of Statement of Undertaking in Section 8 A5.7 of the Bidding Document)

(9) Joint venture is accepted for this project, and no more than three joint venture members are allowed. Any party to a joint venture shall not submit bid independently in its name or participate in another joint venture. Joint venture shall meet the following requirements:

1)The composition of joint venture should conform to the requirements of relevant laws and regulations. All parties should sign a joint venture agreement that clarify the work and responsibilities to be undertaken by each party. The joint venture should promise all parties will assume joint and several liability during the bidding and after signing the contract. The joint venture agreement should be submitted together with the bid documents.

2)Each party of joint venture shall meet the qualification requirements of Items (1), (2), (6), (7) and (8) listed above . The leader party as a coordinating party shall also meet the qualification requirements of Item (4) listed above. At least one party of joint venture shall meet the qualification requirements of Item (3) listed above; at least one party of joint venture shall meet the qualification requirements of Item (5) listed above.

3)The joint venture leader shall be authorized by each of the member with a letter of authorization to prove its qualification as the leader.The leader shall, on behalf of the joint venture and any member of the joint venture, undertake the responsibility and accept the instructions to sign the tender documents, which shall be binding on all members. Authorization letter shall be submitted as an integral part of the bidding documents.

4)The joint venture leader shall have the ability to take overall responsibility for all the goods provided and the related technology, quality, performance, working period and after-sales service, and shall make corresponding commitments.

5)Parties to the joint venture shall strictly abide by the provisions of the joint venture agreement and assume corresponding responsibilities and obligations in the process of bidding and contract execution.Without the prior written approval of the Tenderee, the parties shall not make any changes to the joint venture agreement and the composition of the joint venture members.

6)Bidding documents and the contract signed after winning the bid shall be signed by all parties of the joint venture.The bidding documents and contract are binding on each party. All parties shall bear joint and several liability to the Tenderee.

(10)If the bidder's branch (or agent) is responsible for providing special maintenance services for large-screen and power supply equipment, the bidder shall provide the letter of authorization for the branch (or agent) to provide these services.

(11) The bidder shall provide all the qualification documents according to the "Special Instructions" of the bidding document.

(12) Only the manufacturers are accepted to bid.

4. Price of Bidding Documents

The price of bidding documents is 8000 RMB yuan or 1250 US Dollars, which will not be refunded after sale.

The bidder may purchase the bidding documents in cash, check, remittance and other forms from Guoxin Tendering Group Co., Ltd., and shall provide the business license of the enterprise (duplicate copy with official seal), letter of authorization of legal representative (original), ID card of authorized representative (original and copy).

For mail order, EMS fee of RMB 200 yuan or 30 US dollars is required. Please remit the price of the bidding documents and EMS fee to the bank account of Guoxin Tendering Group Co., Ltd. The purpose of the remittance and the number of the bidding documents purchased should be indicated on the remittance slip. Then the scanning copy of the remittance slip, the name of the purchaser, the detailed communication address, postal code, telephone number, fax and contact name shall be emailed to Guoxin Tendering Group Co., Ltd .

Note:

(1) The bidder must remit the money from the account of your own when remittance, and indicate the name of the project participated. Otherwise, the bidder will bear the consequences of invalid bidding due to non conforming name of the bidder or unclear purpose of the payment.

(2) Bidders from other NDB member countries other than the People's Republic of China (in the case of a joint venture, means all members of the joint venture are from other NDB member countries) can notify Guoxin Tendering Group Co., LTD by E-mail after remittance to obtain the electronic bidding documents.

5. Time for Purchasing Bidding Documents

From now on until February 24, 2022, from 9:00-11:30 am, 13:30-16:30 pm every day (Beijing time, except for legal holidays).

6. Place of Purchasing Bidding Documents

Guoxin Tendering Group Co., Ltd

Address: 11th Floor, Guoxing Building, No. 22, Capital Gymnasium South Road, Haidian District, Beijing. Bidders who purchase electronic Bidding Documents should contact the Tendering Agent by email (13720096252@163.com) .

7. Deadline of Bidding and Opening Time of Bidding

Opening Time of the First Stage Bidding: At 15:00 p.m. March 25, 2022 (Beijing time). Overdue submission of bidding documents will not be accepted.

The opening time of the second bidding will be announced separately.

8. Place of submission of Bids

Please deliver the Bids directly to the bid opening place on the bid opening date.

Bidders from other NDB member countries other than the People's Republic of China (in the case of a joint venture, means all members of the joint venture are from

other NDB member countries) can sent all the encrypted electronic bids documents to the email address of Guoxin Tendering Group Co., LTD. (13720096252@163.com). And then, bidders shall sent the passwords of the commercial and technical part of the electronic bids documents to the same email address (13720096252@163.com) from 15:00 (Beijing time) to 15:30 (Beijing time) at the day of bid opening, and the passwords of price part shall be sent to this email address at the second stage of bid opening as required by the Tenderee. If the bidder only uses electronic bids documents, the documents shall be signed and sealed in accordance with the requirements of the bidding documents and scanned into PDF format. The commercial part, technical part and price part shall be encrypted respectively. The original Bid security must be mailed to Guoxin Tendering Group Co., LTD before the bidding deadline. The bidders' representatives who choose to attend the bid opening meeting shall sign a register evidencing their attendance. Bidders shall keep their contact information unblocked after the bid opening of the first stage until the end of the bid evaluation, otherwise they shall bear the consequences.

9. Place of Bid Opening

Conference room on the third floor of Qingdao Zhonghang Xiangtong Hotel, No. 12, Xinhui Road, Shinan District, Qingdao.

10. Other

This Invitation for Bids will be published simultaneously on "Electronic Trading Platform for Tendering and Bidding of Mechanical and Electrical Products"(<https://www.chinabidding.com>), "China Public Service Platform for Tendering and Bidding" (<http://www.cebpubservice.com>) and the official website of NDB(<https://www.ndb.int>).

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Tendering Agent:	Guoxin Tendering Group Co., Ltd
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Opening Bank	Branch of Capital Gymnasium South Road, CITIC Bank
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