

Bidding for Installation of Roof and Landside Ground PV System and Booster System (First Batch) (Second Time) under Taiyuan Wusu Zero-carbon Airport Project financed by NDB Loan

Project Location: Taiyuan, Shanxi Province

I. Conditions for Bidding

The Installation of Roof and Landside Ground PV System and Booster System (First Batch) (Second Time) under Taiyuan Wusu Zero-carbon Airport Project financed by NDB Loan (NDB Contract No.: TY-W-005) has been approved by Shanxi Development and Reform Commission for construction through the document named Jin Fa Gai [2024] No. 212. The project funding comprises New Development Bank loan and self-raised funds from the enterprise, and the Employer is Shanxi Aviation Industry New Energy Co., Ltd. The Project is now ready for bidding and is hereby open for public bidding.

II. Project Overview and Scope of Bidding

Project Scale: Located within the Taiyuan Wusu International Airport, the Project is aimed and tasked to achieve zero-carbon operation for building structures, equipment and facilities owned by Shanxi Aviation Industry Group Co., Ltd. within the territory of Taiyuan Wusu Airport. Construction Content: The Taiyuan Wusu Zero-carbon Airport Project consists of 6 subprojects, namely: ① Zero-carbon cooling and heating engineering; ② Zero-carbon power engineering; ③ PSDF (charging) building demonstration and upgrade engineering in the terminal area; ④ Near-zero carbon building pilot engineering; ⑤ Solar-powered low-carbon street lamp; ⑥ Flexible resource data management platform for virtual power plant and photovoltaic-storage applications.

Construction period: Combined with the Taiyuan Wusu International Airport Phase III Reconstruction and Expansion Project, the construction of the Project is divided into two stages: the first implementation stage (2024-2026) and the second implementation stage (2027-2028). During the first implementation stage, the focus is on supporting the zero-carbon-related works that will be put into operation in and before 2026 within the works for Taiyuan Wusu International Airport Phase III Reconstruction and Expansion Project, as well as the construction of partial pipe network system within the airport. The second implementation stage aims to complete the remaining zero-carbon-related works.

Investment Scale: The total construction investment amounts to CNY 1,840,741,000.

Content and Scope of Bidding: This bidding project is divided into one lot, and the current bidding is for: The Installation of Roof and Landside Ground PV System and Booster System (First Batch) (Second Time) under Taiyuan Wusu Zero-carbon Airport Project financed by NDB Loan:

The specific scope of works shall include all contents within the scope of the construction drawings, including installation of photovoltaic brackets, installation of photovoltaic equipment, installation of booster facilities and equipment, installation of photovoltaic power cables (including those

between photovoltaic arrays), as well as construction of rooftop photovoltaic systems within the airside area without suspending flight operations. The specific requirements shall be governed by the technical standards and specifications as well as the bill of quantities set forth in the bidding documents for this project.

III. Bidders' Eligibilities

The Installation of Roof and Landside Ground PV System and Booster System (First Batch) (Second Time) under Taiyuan Wusu Zero-carbon Airport Project financed by NDB Loan:

1. The registration place of the bidder shall be in a member country of the NDB. All qualifications and eligibility requirements specified for Chinese bidders in this bidding document shall equally apply to bidders from NDB other member countries, who shall possess equivalent qualifications and eligibility.
2. The bidder shall simultaneously possess the following qualifications: a Grade II or higher qualification in Electric Power Engineering Construction General Contracting issued by the competent construction administrative authority, a License for Undertaking the Installation, Repair, and Testing of Electric Power Facilities, issued by the electric power regulatory authority, with the permitted scope covering the undertaking of installation, repair, and testing at Grade V or higher level, a valid business license and safety production license, and corresponding construction capabilities in terms of personnel, equipment, funds and other aspects. In particular, the project manager proposed by the bidder shall possess a second-class or above registered constructor qualification certificate in the Electromechanical Engineering specialty and a valid safety production assessment certificate, and shall not concurrently serve as the project manager for any other ongoing construction projects.
3. In the past five years (from January 1, 2021 to the bid submission deadline, measured by the completion acceptance date), the bidder shall have completed at least one photovoltaic engineering construction project, and the contract amount shall be not less than CNY 5,200,000.00.
4. The bidder shall provide financial audit reports for the years 2023, 2024, and 2025, issued by a third party with auditing qualifications. The reports must include complete financial statements and notes, be signed by a Certified Public Accountant, and bear the official seal of the auditing firm. Furthermore, the audit report must demonstrate that the bidder's net assets (calculated as the difference between total assets and total liabilities) shall be positive. Additionally, the bidder shall have sufficient liquid assets, credit lines, and other financing means readily available to meet the cash flow required for contract performance: CNY 3,200,000.00.
5. Different units with the same person in charge or different units with controlling or management relationship shall not bid for this project at the same time, otherwise the relevant bids are invalid.
6. The bidder shall not have been restricted from bidding by the governments of the member

countries of NDB (The bidder shall provide a letter of commitment that has not been restricted from bidding by the governments of the member countries of NDB in a format drawn up by oneself).

Bids from joint venture will not be accepted.

IV. Acquisition of Bidding Documents

Acquisition Time: From 17:00 on August 20, 2026 to 17:00 on August 31, 2026

Acquisition Method: The bidder shall log in to the National Public Resources Trading Platform (Taiyuan, Shanxi Province) (<https://gcjs.ggzy.xzspglj.taiyuan.gov.cn/>) using the Organization Digital Certificate, then access the Bidding System via the [Engineering Construction] portal to download the Bidding Documents and other bidding materials free of charge.

V. Submission of Bids

Deadline for Submission: 09:30:00 on September 10, 2026

Submission Method: Upload via the System

Place for Submission: The bidder shall, prior to the bid submission deadline, log in to the National Public Resources Trading Platform (Taiyuan, Shanxi Province) (<https://gcjs.ggzy.xzspglj.taiyuan.gov.cn/>) using the Organization Digital Certificate, then access the Bidding System via the [Engineering Construction] portal to upload the Bid Documents and print a "Receipt for Online Submission of Bids".

VI. Time and Venue for Bid Opening

Bid Opening Time: 09:30:00 on September 10, 2026

Bid Opening Method: Online bid opening

VII. Form of Submission of Bid Security

The bid security in the form of a cash deposit, bank guarantee, surety insurance, letter of guarantee by guarantee agency, electronic guarantee, or other forms of non-cash transaction guarantee may be used as a bid security for the Project.

VIII. Channels and Methods for Raising Objections

Channels for Raising Objections:

1. Raise objections online via the National Public Resources Trading Platform (Taiyuan, Shanxi Province) (<https://gcjs.ggzy.xzspglj.taiyuan.gov.cn/>)
2. Or raise objections offline in written form

Contact Person for Receiving Objections: Chenhui Hao

Telephone: 0351-7286345

IX. Public Website of Invitation for Bid

This Invitation for Bid is published on the NDB website (<https://www.ndb.int>), China Tendering and Bidding Public Service Platform (<http://cebpubservice.cn/>), Shanxi Tendering and Bidding Public Service Platform (<https://www.sxbid.com.cn/>), National Public Resources Trading Platform (Taiyuan, Shanxi Province) (<https://gcjs.ggzy.xzspglj.taiyuan.gov.cn/>), official website of Shanxi Aviation Industry Group Co., Ltd. (<http://www.sxairport.org.cn/>) at the same time.

X. Supervision Department

The Supervisory Authority for this Project: Shanxi Provincial Energy Administration.

Telephone: 0351-4117224

Email: sxnyjxnyc@126.com

XI. Contact Details:

Employer: Shanxi Aviation Industry New Energy Co., Ltd.

Address: No. 199, Taiyu Road, Xiaodian Street, Xiaodian District, Taiyuan City, Shanxi Province, China

Contact Person: Jianping Liu

Telephone: 0351-7288986

Email: SXHCXNY@163.com

Procurement Agent: China Capital Tendering Co., Ltd.

Address: Room 2910, 29th Floor, Tengda Plaza, No.168 Xizhimen Outer Street, Haidian District, Beijing, China

Contact Person: Chengcheng Jia

Telephone: 010-67409997

Email: cctc2009@163.com