

**Bidding for Reconstruction Work of Airport Perimeter Fence and Security System under  
Taiyuan Wusu Zero-carbon Airport Project financed by NDB Loan  
(Bidding No.: E1401000267024063001)**

**Project Location: Taiyuan, Shanxi Province**

**I. Conditions for Bidding**

The Reconstruction Work of Airport Perimeter Fence and Security System under Taiyuan Wusu Zero-carbon Airport Project financed by NDB Loan (Bidding Project No.: E1401000267024063001, NDB Contract No.: TY-W-009) has been approved by the project examination/ approving/ record-filing authority. 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 Reconstruction Work of Airport Perimeter Fence and Security System under Taiyuan Wusu Zero-carbon Airport Project financed by NDB Loan:

The project scope covers the construction of all works within the scope of the construction drawings, including airfield pavement engineering and security engineering. Airfield Pavement Engineering: Construction of a new 2.5-meter high steel mesh perimeter fence with a total length of

1,455 meters. Construction of a new 2,550 m<sup>2</sup> cement concrete pavement patrol road, with a pavement width of 3.5 meters and a subgrade width of 4.5 meters. Demolition of 450 m<sup>2</sup> of existing patrol road. Earthwork excavation and off-site disposal totaling 2,601 m<sup>3</sup>. Security Engineering: Reconstruction of approximately 800m of security facilities in accordance with the security system construction standards for the airfield area of the Taiyuan Airport Phase III Expansion and Reconstruction Project. Equip with the following systems: intrusion prevention systems, perimeter video surveillance systems, auxiliary lighting systems, audio alarm systems, power supply and communication transmission systems, and the equipment room modifications. The airport perimeter fence shall be restored upon completion of the geothermal well construction within the project area. The specific requirements shall be governed by the technical standards and specifications as well as the bill of quantities set forth in the project documents.

### **III. Bidders' Eligibilities**

The Reconstruction Work of Airport Perimeter Fence and Security System 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 for professional contracting of civil aviation air traffic control engineering and airport weak current system engineering; as well as a grade II or higher professional contracting qualification for airport pavement engineering, both issued by the competent construction administrative authority, a valid business license and safety production license, and corresponding construction capabilities in terms of personnel. In particular, the project manager proposed by the bidder shall possess a first-class registered constructor qualification certificate in the Civil Aviation Airport 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, 2020 to bid submission deadline, measured by the completion acceptance date), the bidder shall have completed at least one construction performance in either civil aviation airport pavement engineering, civil aviation air traffic control engineering, or airport weak current system engineering, and the contract amount is not less than CNY 3,800,000.00.
4. The bidder shall provide financial audit reports for the years 2022, 2023, and 2024, 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 960,000.00.

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 be accepted; If the bidding is in the form of a joint venture, the following requirements shall be met:

(1) The bids submitted by the Joint Venture and the contract agreement signed after being awarded the contract shall be legally binding on all members of the Joint Venture.

(2) All members of the Joint Venture shall sign a Joint Bidding Agreement to stipulate their respective work and responsibilities, and submit this Joint Bidding Agreement along with the bids to the Employer.

(3) No member of the Joint Venture shall submit a separate bid in its own name for the bidding project, nor shall any member participate in two or more Joint Venture for the bidding project. In either case, the bid submitted in its own name and the bids of the Joint Venture to which it belongs will both be rejected.

(4) After the Joint Venture wins the bid, all members of the Joint Venture shall jointly sign the contract with the Employer and bear joint and several liabilities to the Employer for contract performance.

(5) The members of the Joint Venture shall jointly nominate a Joint Venture leader and submit a power of attorney to prove such Joint Venture leader's authority. This power of attorney shall be submitted to the Employer as part of the bids.

#### **IV. Acquisition of Bidding Documents**

Acquisition Time: From 9:00 on November 11, 2025 to 17:00 on November 18, 2025

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

#### **V. Submission of Bids**

Deadline for Submission: 9:30 on December 5, 2025

Submission Method: Online Submission

Place for Submission: The bidder shall log in to the National Public Resource Trading Platform (Taiyuan, Shanxi Province) (<https://ggzy.xzspglj.taiyuan.gov.cn>) using the Organization Digital Certificate and then access the Bidding System via the [Engineering Construction] section → [Bidders] 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: 9:30 on December 5, 2025

Bid Opening Method: Online bid opening via Online Bid Opening Hall of Taiyuan Public Resource Trading Center

## **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 Resource Trading Platform (Taiyuan, Shanxi Province) (<https://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 Resource Trading Platform (Taiyuan, Shanxi Province) (<https://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](mailto: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: 15th Floor, South Building, Jiuling Plaza, No.21, Xisanhuan North Road, Haidian District, Beijing, China

Contact Person: Chengcheng Jia, Hongyan Mao

Telephone: 010-67409997, 15210867621

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