

# Invitation for Bid

Bidding for the Engineering Design

Taiyuan Wusu Zero-carbon Airport Project financed by NDB Loan

(Bid No.: E1401000267023346001)

Project Location: Taiyuan, Shanxi Province

## I. Conditions for Bidding

The Engineering Design for Taiyuan Wusu Zero-carbon Airport Project financed by NDB Loan (Project No.: E1401000267023346001, NDB Contract No.: TY-S-002) has been approved by the relevant project review/approval/record-filing authorities. The project fund comprises New Development Bank loan and self-raised by enterprise, the Purchaser is Shanxi Aviation Industry New Energy Co., Ltd. The Project is now ready for bidding, 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 and Scale:** The Taiyuan Wusu Zero-carbon Airport Project consists of 6 subprojects and 13 specific works, namely: ① Zero-carbon power engineering: building rooftop PV, terrestrial PV, airfield PV and ground parking lot PV; ② Zero-carbon cooling and heating engineering: North Zone 1# Zero-carbon Integrated Energy Station, North Zone 2# Zero-carbon Integrated Energy Station, South Zone Zero-carbon Integrated Energy Station, cooling and heating pipe network and geothermal wells (boreholes); ③ PSDF (charging) building demonstration engineering: terminal building works, parking building works and other works; ④ Near-zero carbon building pilot engineering: mail interchange hub; ⑤ Low-carbon street lamp : construction of low-carbon street lamps; ⑥ Intelligent operation management and control system subproject.

**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 stage (2024-2026) and the second stage (2027-2028). During the first stage, the focus is on collaborating in the zero-carbon-related works under the Taiyuan Wusu International Airport Phase III Reconstruction and Expansion Project, which will be put into operation in and before 2026, as well as in the construction of partial pipe network system within the airport. The second stage aims at completing the remaining zero-carbon-related works.

**Investment Scale:** The total construction investment amounts is CNY 1,860,148,400

**Content and Scope of Bidding:** the present bidding is for:

the Engineering Design for Taiyuan Wusu Zero-carbon Airport Project financed by NDB Loan

**Content:** The scope of design includes schematic design, preliminary design, construction drawing design and subsequent technical services for zero-carbon power engineering, zero-carbon cooling and heating engineering, PSDF building demonstration engineering, near-zero carbon building pilot engineering, low-carbon street lamp engineering and intelligent operation management and control system subproject and the design of the project's general coordination tasks.

### **III. Bidders' Qualifications**

Qualification requirements for bidders:

- 3.1 Bidders must possess either a Comprehensive Grade A qualification for Engineering Design issued by the competent construction administrative authority, or all of the following qualifications issued by the competent construction administrative authority: ① Construction Industry (Construction Engineering) Grade A or above qualification for Engineering Design, ② Civil Aviation Industry Grade A qualification for Engineering Design, ③ Municipal Industry (Thermal Engineering) Grade A or above qualification for Engineering Design, ④ Electric Power Industry (New Energy Power Generation) Grade B or above qualification for Engineering Design. In addition, bidders must hold a valid business license and have a staff team with corresponding design capabilities. In particular, the project leader proposed by a bidder must hold a certificate to practice as a registered electrical engineer (for power supply and distribution) or as a registered utility engineer (for HVAC) and have a senior technical title.
- 3.2 The bidder shall be from the member countries of NDB;
- 3.3 The bidder shall have not 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);
- 3.4 Joint Venture are allowed to participate in this bidding process. In case of a Joint Venture, the following requirements shall be satisfied:
  - (1) The bids submitted by a bidder 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 Venture agreement to clearly stipulate their respective work and responsibilities and submit this agreement along with the bids to the Purchaser;
  - (3) Member of the Joint Venture shall not submit a separate bid by its own name, or be a member of two or more Joint Ventures simultaneously. In either case, the bids submitted by its own and the Joint Venture it belongs to will be all rejected;
  - (4) After the Joint Venture wins the bid, all members of the Joint Venture shall jointly sign the contract with the Purchaser and bear joint and several liabilities to the Purchaser 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 Purchaser as part of the bids.

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

Acquisition Time: 9:00 on September 5, 2024 - 17:00 on September 13, 2024

Acquisition Method: Visit the National Public Resource Trading Platform (Taiyuan, Shanxi Province) ([ggzy.xzspglj.taiyuan.gov.cn](http://ggzy.xzspglj.taiyuan.gov.cn)), successively click the [Engineering Construction] and [Bidders], and login to the Bid System with your Organization Digital Certificate to download the Bidding Documents and other materials free of charge.

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

Deadline for Submission: 9:30 on September 30, 2024.

Submission Method: Prior to the deadline for submission, visit the National Public Resource Trading Platform (Taiyuan, Shanxi Province) ([ggzy.xzspglj.taiyuan.gov.cn](http://ggzy.xzspglj.taiyuan.gov.cn)), successively click the

[Engineering Construction] and [Bidders], and login to the Bid System with your Organization Digital Certificate to upload your Bid Documents and print a “Receipt for Online Submission of Bids”.

Place for Submission: Online Submission

#### **VI. Time and Venue for Bid Opening**

Bid Opening Time: 9:30 on September 30, 2024.

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) (at [ggzy.xzspglj.taiyuan.gov.cn](http://ggzy.xzspglj.taiyuan.gov.cn))
2. Raise objections in writing

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) ([ggzy.xzspglj.taiyuan.gov.cn](http://ggzy.xzspglj.taiyuan.gov.cn)), website of Shanxi Aviation Industry Group Co., Ltd. (<http://www.sxairport.org.cn/>) at the same time.

#### **X. Supervisory Authority**

The supervisory authority for this Project is the Shanxi Provincial Energy Administration.

Telephone: 0351-4117224

Email: [sxnyjxnyc@126.com](mailto:sxnyjxnyc@126.com)

#### **XI. Contact Details:**

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

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

Contact Person: Wei Zhao

Telephone: 0351-7286345

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: 010-68405052

Email: cctc2009@163.com