

**Bidding for Procurement of Ground Source Heat Pump, Intelligent Management Hub System and Packaged Heat Exchange Unit Equipment for Zero-Carbon Power Center under Taiyuan Wusu Zero-carbon Airport Project financed by NDB Loan**  
(Bid No.: 0773-2540GNOEHWGK1150)

**Project Location:** Taiyuan, Shanxi Province

**I. Conditions for Bidding**

The Procurement of Ground Source Heat Pump, Intelligent Management Hub System and Packaged Heat Exchange Unit Equipment for Zero-Carbon Power Center under Taiyuan Wusu Zero-carbon Airport Project financed by NDB Loan (Project No.: M1401000155900219003, NDB Contract No.: TY-G-003) 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 Purchaser 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 overview:** 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.

**Content and Scope of Bidding:**

(1) Ground Source Heat Pump: Ground source heat pump equipment units and the matching rubber ball on-line cleaning device for the North Zone No.1 Zero-carbon Integrated Energy Station and South Zone Zero-carbon Integrated Energy Station (Installation not included).

(2) Intelligent Management Hub System: A central system that realizes comprehensive operation control over energy production, dispatching, transmission/distribution, and utilization within the scope of this zero-carbon project- serving as the hub system for efficient energy operation and management in this project.

(3) Packaged Heat Exchange Unit Equipment: Packaged heat exchange unit equipment for the North Zone No.1 Zero-carbon Integrated Energy Station and South Zone Zero-carbon Integrated Energy Station (Installation not included).

**Completion Time for Supply:** Packaged Heat Exchange Unit Equipment shall be delivered in batches

within 40 calendar days after the contract is signed; Ground Source Heat Pump shall be delivered in batches within 70 calendar days after the contract is signed; Intelligent Management Hub System shall be delivered in phases, contingent upon the arrival status of both Packaged Heat Exchange Unit Equipment and Ground Source Heat Pump Equipment.

**Address for Supply:** Taiyuan Wusu International Airport (place designated by the Purchaser).

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

The following eligibility requirements of bidding apply to bidders from all member countries of the NDB. For China specific eligibilities, the bidders from NDB other member countries shall be equipped with equivalent ones.

1. Qualification requirements: The registration place of the bidder shall be from the member countries of NDB, and the bidder shall have a valid business license or provide relevant certificates and qualifications equivalent to the business license;
2. Performance requirements: In the past five years (from January 1, 2020 to bid submission deadline), the bidder shall have at least one performance for supplying of water (ground) source heat pumps equipment, and the contract amount is not less than CNY 30,000,000.00;
3. Financial requirements: The bidder shall provide financial audit reports for the years 2022, 2023, and 2024, issued by a third party with auditing qualifications. The audit report must demonstrate that the bidder's net assets (calculated as the difference between total assets and total liabilities) are positive. Furthermore, 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 24,000,000.00;
4. Credit requirements: The bidder shall not be included in the list of untrustworthy enterprises with serious violations or abnormal business operations of the "National Enterprise Credit Information Publicity System", nor be included in the list of judgment defaulters on the "Credit China" website;
5. Other requirements:
  - (1) 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;
  - (2) 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 the format required by the bidding documents.).
6. Bids from joint venture will not be accepted.

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

Acquisition Time: From 15:00 on June 25, 2025 to 17:00 on July 2, 2025

Obtaining Method: online through the Yangguang Procurement Platform of Shanxi Aviation Industry

Group (<http://aviagroup.jcebid.com>). Bidding documents are priced at CNY 500, non-refundable after sale.

**Bank Account Information:**

Name: China Capital Tendering Co., Ltd.

Deposit bank: China Merchants Bank, Beijing Haidian Science and Technology Finance Sub-branch

Account: 8670 8011 2810 001

**V. Submission of bids**

Deadline for Submission: 14:00 on July 16, 2025

Submission Method: Online Submission

Address of Submission: Yangguang Procurement Platform of Shanxi Aviation Industry Group (<http://aviagroup.jcebid.com>)

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

Bid Opening Time: 14:00 on July 16, 2025

Bid Opening Method: Online bid opening through the Yangguang Procurement Platform of Shanxi Aviation Industry Group (<http://aviagroup.jcebid.com>)

**VII. Public Website of Invitation for Bid**

The IFB will be released simultaneously on 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/>), Yangguang Procurement Platform of Shanxi Aviation Industry Group (<http://aviagroup.jcebid.com>) and website of Shanxi Aviation Industry Group Co., Ltd. (<http://www.sxairport.org.cn/>)

Note: 1. All interested consultants shall register at the column of “Trading Market Entity Database” of <http://prec.sxzwfw.gov.cn> (National Public Resource Trading Platform (Shanxi)), and the registration guide is available at: <http://jyzt.sxzwfw.gov.cn/ztxxzc/index.jhtml>.

2. If you need to apply for a CA digital certificate, please check the column of “digital certificate cross mutual recognition” (<http://prec.sxzwfw.gov.cn/cajchrpt/>) of National Public Resource Trading Platform (Shanxi) (<http://prec.sxzwfw.gov.cn/>). Customer service hotline for Yangguang Procurement Platform of Shanxi Aviation Industry Group: 400-0351-097 (working hours: 9:00-12:00, 13:30-17:30).

**VIII Supervision Department**

The supervisory department of this bidding project is: Shanxi Provincial Energy Administration

**IX. Contact Information**

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

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

Persons of Contact: Jianping Liu

Tel No.: 0351-7286345

Procurement Agency: China Capital Tendering Co., Ltd.

Address: Floor 15, Jiuling Plaza, No.21 Xisanhuan Bei Road, Haidian District, Beijing City, China

Persons of Contact: Ping He

Tel No.: 010-68405052, 15210867621

Email: cctc2009@163.com