

**Xiangtan Low-Carbon Transformation Sector Development Program**  
**Development, provision installation and commissioning of early flood**  
**warning system (including Model-building, flood assessment) and**  
**relevant sensors (Contract No.: G204-ICT)**

**Addendum and Clarification No.2 of the BD**

The Addendum and Clarification is prepared in English and the Chinese serves as a reference ONLY. The English shall prevail if there is any discrepancy between English and Chinese.

Dear Bidders,

The addenda and clarifications of the BD are as follows.

**A. The addenda of the BD:**

1. Section 2 Bid Data Sheet ITB 24.1 Bid opening

“.....

The deadline for bid submission is:

Date: April 22, 2025.

Time: 10:00 a.m. (Beijing time)”

**Revised as:**

“.....

The deadline for bid submission is:

Date: May 7, 2025.

Time: 10:00 a.m. (Beijing time)”

2. Section 2 Bid Data Sheet ITB 27.1 Bid opening

“Date and time: 10:00 a.m. on April 22, 2025.....”

**Revised as:**

“Date and time: 10:00 a.m. on May 7, 2025.....”

3. C1013, 6.2.2.2 Hardware Product Technical Specification Matrix, Section 6  
(Supply Requirements) of the BD:

|       |                         |  |   |
|-------|-------------------------|--|---|
| C1013 | Outdoor on-site display | Waterlogging points in urban areas are displayed | 1, LED display: With high brightness LED kit<br>2, pixel spacing: 10mm;<br>3, pixel density: 10000Dots/m2;<br>4, module size: 320*160mm;<br>5, module resolution: 32*16=512Dots/m2;<br>6, pixel composition: 1R/1B. |
|-------|-------------------------|--|---|

**Revised as:**

|       |                         |  |   |
|-------|-------------------------|--|---|
| C1013 | Outdoor on-site display | Waterlogging points in urban areas are displayed | 1, LED display: With high brightness LED kit<br>2, pixel spacing: 10mm;<br>3, pixel density: 10000Dots/m2;<br>4, module size: 320*160mm;<br>5, module resolution: 32*16=512Dots/m2;<br>6, pixel composition: 1R/1B.<br>7. Size not less than 700 * 550 * 80mm |
|-------|-------------------------|--|---|

**B. The clarifications of the BD:**

**Question 1:** (1) Item number: C1011, Product or related service name: Backup all-in-one machine The technical requirements of the bidding documents are: 1. Size: 2U; 2. Power supply: AC/240V high voltage DC; 3 Network and cache: 256GB, 8 \* 1Gb ETH, 4 \* 10Gb ETH (including multi-mode SFP+); 4. Port: 4 \* SAS3.0; 5. Hard drive unit: 12 \* 3.5-inch SAS, 6 \* 960GB SSD SAS hard drive unit (3.5 "); 6. Hard drive: 12 \* 8TB 7.2K RPM NL SAS hard drive unit (3.5 "); 7. SAS hard drive frame: 4U, AC/240V high voltage DC, 3.5", cascaded system, 24 disk slots; 8. 4 \* optical jumper DLC/PC-DLC/PCM-3m-Ala.2-2mm-42mm DLC-0M3 bending insensitive; 9. The device needs to be compatible with the government cloud architecture.

**Problem:** This set of parameters only describes the hardware parameters of the "backup all-in-one machine" and does not provide a description of the backup function requirements. And the first parameter mentions 2U, and the seventh parameter mentions 4U, which contradicts the size specifications of the equipment. This is clearly not a parameter for one device, but the unit quantity described in the bidding documents is one.

**Reply:** There is no contradiction in the specifications of the backup all-in-one machine. The 2U mentioned in the parameters refers to the host specification, and the 4U refers to the hard disk frame specification. The two are combined into one device for consideration.

**Question 2:** (2) Item number: C1012, Product or related service name: USB-KEY

The technical requirements of the bidding documents are: to support water conservancy practitioners to use mobile scanning for identity authentication, and to support water conservancy practitioners to authenticate their identity through the terminal Ukey intelligent password key. It also supports mobile application access, including certificate issuance, Ukey production, software and hardware installation services, and 3-year maintenance services.

**Question:** This set of parameters describes the need to provide collaborative signatures, Ukey smart password keys, certificate issuance Ukey production, software and hardware installation services, but the above functions cannot be provided by a USB-KEY. USB Key cannot provide collaborative signature services. USB Key is mainly used for identity authentication and data encryption, usually requiring the installation of drivers and tray programs. The collaborative signature service achieves signature and encryption functions through the collaborative operation of the client and server, without relying on hardware cryptographic devices. In addition, it is necessary to implement certificate issuance Ukey production requires a system to support it, not USB-KEY that can be completed separately.

**Reply:** This project system relies on government cloud deployment, and U-key only needs to adapt to the government cloud environment.

**Question 3:** (3) Item number: C1020, Product or related service name: Professional speaker; Item number: C1045, Product or related service name: Bracket

Quantity description: There are 4 professional speakers and 1 bracket

**Problem:** The number of brackets in the conference room's sound reinforcement system does not match the number of professional speakers installed. One bracket cannot install four professional speakers.

**Reply:** The speaker bracket is packaged as one item, and the bidder will configure it according to project requirements to ensure it meets practical applications.

**Question 4:** 38 sets of video surveillance systems lack installation methods (whether new poles have been added), power supply methods (mains power access method), and transmission methods (from the list, it seems that they are directly connected to the hard disk recorder and need to be clearly connected); Need wiring distance.

**Reply:** Bidders are free to conduct on-site inspections and design to determine the corresponding implementation situation, while considering future reservations. The location information of urban flood prone points, video surveillance points, key flood control channels, and drainage gates monitoring points is shown in **Attachment 1**.

**Question 5:** The water level monitoring station lacks installation poles. Is it necessary to add new ones?

**Reply:** Bidders are requested to determine the implementation status based on the on-site survey results.

**Question 6:** The size of the outdoor on-site display screen is not clear

**Reply:** The size of the outdoor on-site display screen shall not be less than 700 \* 550 \* 80mm.

**Question 7:** The online behavior management software, database audit software, and firewall supporting software (renewal) need to confirm the customer's original brand manufacturer.

**Reply:** Bidders are requested to carefully read the relevant content of Section 6 (Supply Requirements) 6.2.2.1 B1007-B1008 Software Product Technical Specification Summary Table in the bidding documents for online behavior management software and database audit software. The original brand of the firewall supporting software (renewal) was Qianxin.

**Question 8:** USB-KEY is a national security system accessory, and it is necessary to confirm the customer's original brand.

**Reply:** USB-KEY is not limited to any specific brand, as long as it meets the requirements of the bidding parameters.

The addenda and clarifications are as above.

On receiving this Addendum and Clarification, please send the photocopy of the receipt with signature and official stamp to [cnooctj@qq.com](mailto:cnooctj@qq.com)、[wuxiyu0722@163.com](mailto:wuxiyu0722@163.com).

CNCCC International Tendering Co., Ltd.

April 18, 2025



Attachment 1:

**Table 1 location of waterlogging prone monitoring points**

| <b>Serial</b> | <b>number position</b>                               |
|---------------|--|
| 1             | bridge and culvert tunnel of Jianbei Railway         |
| 2             | Grass Pond   |
| 3             | intersection of North 2nd Ring Road and Tanshao Road |
| 4             | Hutan square, under railway bridge                   |

**Table 2 location of intelligent video monitoring stations**

| <b>Serial</b> | <b>position</b>                                       |
|---------------|---|
| 1             | Zhaoshan scenic spot                                  |
| 2             | Jiangjundu  |
| 3             | Jiangjundu 2  |
| 4             | Binjiang North Road                                   |
| 5             | Zhaohua Xiangjiang Bridge                             |
| 6             | Shanghai Kunming Expressway Bridge                    |
| 7             | Liancheng Bridge                                      |
| 8             | Wanlou  |
| 9             | Jiuhuayuan old battlefield                            |
| 10            | 300m upstream of Xiangjiang River Bridge              |
| 11            | Xiangtan Third Bridge                                 |
| 12            | Xiangtan first bridge                                 |
| 13            | Yangmeizhou   |
| 14            | Yangmeizhou 2   |
| 15            | Yangmeizhou 3   |
| 16            | Junction of Estuary and Lianshui                      |
| 17            | Junction of Lianshui and Juanshui                     |
| 18            | Xiangtan second bridge                                |
| 19            | Xiangtan fifth Bridge                                 |
| 20            | (Furong bridge)                                       |
| 21            | Ancient Sangzhou                                      |
| 22            | Chahua ferry, chaensi town                            |
| 23            | Weiganling port, Fantian village, chaensi town        |
| 24            | Huanglong port, Shuangyang village, chaensi town      |
| 25            | Shenxi port, Shenxi village, Baishi town              |
| 26            | Chaoyang canal exit gate, TANKOU village, Baishi town |

| <b>Serial</b> | <b>position</b>  |
|---------------|--|
| 27            | Lianjiagang port in Baishi town                            |
| 28            | Qianjinba waterworks, Huashi town                          |
| 29            | Huilongqiao section of Paitou Township                     |
| 30            | Jinshi bridge section in Jinshi Township                   |
| 31            | Aqueduct section in Guhe village, Shebu town               |
| 32            | Gutangqiao section of Hekou town                           |
| 33            | Junction of Zhongwan village and Baimi village, Hekou town |
| 34            | Lianshui Bridge  |
| 35            | 200m downstream of meihuadu                                |
| 36            | Xinjie Bridge  |
| 37            | Xiaolongtan  |
| 38            | Under construction   |

**Table 3 location of monitoring stations of flood control channel and waterlogging gate**

| <b>Serial</b> | <b>position</b>                    |
|---------------|------------------------------------|
| 1             | Lumaoyuan gate 3                   |
| 2             | No.2 gate of banshigang            |
| 3             | Double flood diversion channel     |
| 4             | Heping pump station                |
| 5             | Wanlou pump station                |
| 6             | Outlet gate of Hutan primary canal |
| 7             | Tangxingqiao pump station          |
| 8             | Jinjiang sluice                    |
| 9             | Wangjiashai floodgate              |
| 10            | Muyu Lake sluice                   |
| 11            | Ailao floodgate                    |
| 12            | Worker farmer gate                 |
| 13            | Five star gate                     |
| 14            | Tieniubu sluice                    |
| 15            | Sheshan port sluice                |
| 16            | Xiangjiaba sluice                  |
| 17            | Huangzhe harbor sluice             |
| 18            | Yanjiagang sluice                  |



# 回执 Return Receipt

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本公司已于 2025 年 4 月 18 日收到邮件发来的《早期洪水预警系统（包括模型构建，洪水评估）和相关传感器的开发、安装和调试（城市中心城区内涝预警系统）（合同号：G204-ICT）》招标文件的补遗和澄清 No.2 共 9 页。

This is to confirm that we have received the Addendum and Clarification No.2 of the BD dated April 18, 2025 for Development, provision installation and commissioning of early flood warning system (including Model-building, flood assessment) and relevant sensors (Contract No.: G204-ICT) . 9 pages in total.

投标人名称：\_\_\_\_\_（公章）

Bidder name: \_\_\_\_\_（Official Stamp）

授权代表：\_\_\_\_\_（签字）

Authorized Representative: \_\_\_\_\_（Signature）

日期 Date: