

**Rapid measurement system for secondary pollution potential of  
active organic compounds (heavy)**

**International competitive bidding documents**

**(Volume Two)**

**Bid No.: 1069-224Z20222421**

**Project Name: Rapid measurement system for secondary pollution  
potential of active organic compounds (heavy)**

**Bidding Unit: Shanghai Academy of Environmental Sciences**

**Bidding Agency : Shanghai Zhongsheng Construction Consulting Co.,  
Ltd.**

**August 2022**

## Table of Contents

Section 5. Bid invitation .....	3
Section 6. Instructions to bidders and bid information sheet .....	7
Section 7. Contract terms data sheet .....	26
Section 8. List of goods requirements and technical specifications .	28

## Section 5. Invitation for Bids

(Bid No.: 1069-224Z20222421)

Shanghai Zhongshi Construction Consulting Co., Ltd. was entrusted by the tenderer to conduct international open competitive bidding for the following products and services, and announced on August 18, 2022 on China International Bidding Network. This bidding adopts traditional bidding methods, and qualified bidders are now invited to participate in the bidding.

### 1. Bidding conditions

#### 1.1 Project Overview:

This project conducts public procurement for the rapid measurement system (heavy) for the secondary pollution potential of active organic compounds.

This bidding requires the seller to provide mature products, have rich experience in design, production, installation and commissioning, user training, and provide good after-sales technical support.

1.2 The availability of funds or the implementation of funding sources: implemented

1.3 Description of the bidding conditions for the project: already available

### 2. Bidding content:

2.1 Bidding project number: 1069-224Z20222421

2.2 Rapid measurement system for secondary pollution potential of active organic compounds (heavy)

2.3 Project implementation location: Shanghai, China

2.4 List of bidding products (main equipment):

Serial No.	Product Name	Quantity / unit	Brief technical specifications	Remarks
1	Rapid Measurement System for Secondary Pollution Potential of Active Organic Compounds	*1 set	<p>1. System composition</p> <p>1 set of rapid measurement system for secondary pollution potential of active organic compounds, including:</p> <p>1. 1 set of mobile photochemical simulation system</p> <p>2. Gaseous nitrous acid analysis system 2 sets</p> <p>3. 1 set of nitrogen oxide analysis system</p> <p>4. 1 set of fine particle size measurement system</p> <p>2. Technical requirements</p> <p>1. Requirements for working conditions</p> <p>1.1 Power supply: 230V±10%, AC (alternating current), 50/60Hz</p>	Budget amount: RMB 3.8 million; Government procurement number: 00-21-24870/0022-W14363

			<p>1.2 Ambient temperature: 20–25°C</p> <p>1.3 Relative humidity: 40–80%</p> <p>2. Mobile Photochemical Simulation System</p> <p>2.1 Function: It can be flexibly installed in the navigation research platform or laboratory to carry out atmospheric photochemical secondary pollution potential measurement;</p> <p>2.2 System composition: 1 set of reaction chamber, lifting system, gas distribution system and software control system</p> <p>2.3 Installation site: Shanghai Environmental Science Research Institute secondary pollution mobile measurement platform, container structure, the top opening size is 2.2 meters * 1.6 meters, and the inner height is 2.4 meters.</p> <p>2.4 Reaction chamber:</p> <p>2.4.1 The volume of the reaction chamber: the bottom area is not more than 2.1 meters * 1.5 meters, and the volume is not less than 3 cubic meters;</p> <p>2.4.2 The humidity of the reaction chamber: the controllable range is not less than 5%–80%, the accuracy is <math>\pm 5\%</math>, and it is controlled by gas distribution;</p> <p>2.4.3 Material of reaction chamber: Teflon film, thickness <math>\geq 100 \mu\text{m}</math>, transmittance of ultraviolet and visible light with wavelength above 300 nm over 90%, welding strength &gt; 200pa; a turbulence device is installed in the reactor, and the</p>	
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			<p>strength is adjustable;</p> <p>2.4.4 The structure of the reaction chamber: it is conducive to the overall hoisting or moving of the reaction chamber, and the accessories required for hoisting are installed;</p> <p>2.4.5 Sampling interface of reaction chamber: concentrated at the bottom of the reaction chamber, in addition to the gas distribution and exhaust ports, there are no less than 10 gas sampling ports (Teflon straight tube, 6 of 6.35mm outer diameter, 2 of 12.7mm outer diameter) ), no less than 6 particle sampling interfaces (316L stainless steel straight pipe, 4 6.35mm outer diameter, 2 9.53mm outer diameter)</p> <p>2.4.6 With special exhaust valve and fan;</p> <p>2.5 Lifting system:</p> <p>2.5.1 Lifting principle: electronically controlled hydraulic lifting</p> <p>2.5.2 Lifting height: The reaction chamber can be completely lifted to the top of the container when raised, and the reaction chamber can be fully accommodated in the container when lowered</p> <p>2.5.3 Load-bearing requirements: In addition to the reaction chamber, the additional load-bearing capacity is not less than 300 kg, and the total load-bearing capacity is not less than 1000 kg</p> <p>2.6 Gas distribution system</p> <p>2.6.1 Composition: gas distribution components, zero gas generator,</p>	
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		<p>ozone generator, humidifier, etc. ;</p> <p>2.6.2 Gas distribution components: contains no less than 6 mass flow controllers, of which 2 are used for zero gas or nitrogen, and 4 are used for standard gas configuration; with expansion interfaces, it can be temporarily extended to 8 mass flow controllers ;</p> <p>2.6.3 Zero gas generator: the maximum output flow is <math>\geq 100</math> L/min, the output pressure can be adjusted between 0-7Bar, SO<sub>2</sub>, NO<sub>x</sub>&lt;1ppb, CO&lt;5 ppb in the output gas, dew point&lt;-50 degrees Celsius, and with There is a particle remover;</p> <p>2.6.4 Ozone generator: it can generate ozone quantitatively, so that the ozone concentration in the reaction chamber can reach 500ppb within 30 minutes;</p> <p>2.6.5 Sensor: equipped with high-precision temperature, relative humidity and pressure sensors;</p> <p>2.7 Software Control System</p> <p>2.7.1 Control module: control gas flow and feed switching, monitor temperature and humidity, pressure and differential pressure changes, and perform operations such as air supply and cleaning to the reaction chamber according to user settings.</p> <p>2.7.2 Data storage module: read and save the data of the equipment equipped in the simulation system in real time. The communication protocols that can be connected include at least TCP/IP, RS232 and Modbus, and the total connection is</p>	
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		<p>not less than 16 channels, and the temperature of the reaction chamber and the gas flow rate are saved. , pressure and other data and curves.</p> <p>2.7.3 Real-time transmission module: The collected data can be sent to the receiving server designated by the user through the 4G/5G network.</p> <p>2.7.4 Industrial computer: no fan, 24V DC power supply, anti-vibration performance, installed with genuine windows system</p> <p>2.7.5 Processor for data presentation: no less than 2 mainstream blades, including 1 blade chassis</p> <p>3. Gaseous Nitrous Acid Analysis System</p> <p>*3.1 Measurement principle: two-channel long-light path absorption spectrometry (WLPAP), using non-corrosive solution as absorption</p> <p>3.2 Range: 0ppt-2ppm</p> <p>*3.3 Detection limit: better than 2 ppt;</p> <p>3.4 Measurement time resolution: 1-5min</p> <p>3.5 Indication error: <math>\leq 5\%</math></p> <p>3.6 Sampling system: The flow rate is adjustable between 0.01-10 l/min, with an external sampling tube constant temperature system</p> <p>3.7 Light source: wavelength range 85-800nm, adjustable driving current;</p> <p>3.8 Spectral measurement module: wavelength range 220-860 nm; resolution: <math>&lt; 0.5\text{nm}</math>; detector type</p>	
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			<p>is CCD line array;</p> <p>The integration time can be adjusted by itself;</p> <p>3.9 Long optical path fiber cell: optical path not less than 100cm; maximum pressure not less than 100psi; can withstand most organic and inorganic solvents</p> <p>3.10 Calibration mode: standard solution calibration mode: use nitrite standard for calibration; with automatic calibration mode, it can be calibrated with zero air every day;</p> <p>3.11 Equipped with automatic de-bubble device;</p> <p>3.12 Equipped with an alarm protection system for excessive liquid level;</p> <p>3.13 Control software: real-time output of HONO concentration, and can query historical spectrum, the software can freely switch between low-range and high-range models according to the actual detected concentration; (provide a screenshot of the software interface)</p> <p>3.14 System composition: 2 sets of analyzer host, spiral tube absorption device, industrial computer and control software, constant temperature circulating water bath, and 6 months of normal use consumables (each set).</p> <p>4. Nitrogen oxide analysis system</p> <p>4.1 Measurement principle: chemical fluorescence method;</p> <p>4.2 Range: 0-1000 ppb, adjustable;</p> <p>4.3 Zero noise: better than 30ppt</p>	
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			<p>(RMS) at 2 minutes measurement time resolution</p> <p>*4.4 Detection limit: better than 60 ppt (RMS)</p> <p>4.5 Response time: <math>\leq 90</math> seconds (60 seconds time resolution)</p> <p>4.6 Accuracy: <math>\pm 0.4</math> ppb (under 500ppb range)</p> <p>4.7 Linearity: <math>\pm 1\%</math> of full scale</p> <p>4.8 Sampling flow: 1 liter per minute</p> <p>4.9 Data output: analog output, RS232/485, TCP/IP</p> <p>5. Fine particle size measurement system</p> <p>5.1 Measurement principle: Real-time, online analysis of the number concentration and particle size distribution of particles and ions in the air based on the electric mobility classification combined with the electrometer counting method;</p> <p>*5.2 Particle size range: 0.8-40nm, particle size range is not less than 2-40nm, ion particle size range is not less than 0.8-40nm;</p> <p>5.3 Sampling flow: <math>\leq 54</math> L/min;</p> <p>5.4 Number of Electrometers: 50</p> <p>5.5 Time resolution: 1Hz measurement can be achieved;</p> <p>5.6 Particle size resolution: the mobility range is not less than <math>0.0010 \text{ cm}^2\text{v}^{-2}\text{s}^{-1}</math>;</p> <p>5.7 Detection range of aerosol concentration: not less than <math>1 \times 10^7/\text{cm}^3</math>;</p> <p>5.8 The software can control the state of charge of particulate matter, which can reduce the</p>	
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			<p>influence of the reduced charging efficiency due to the contamination of the corona charging needle;</p> <p>5.9 Have a data collection control unit to ensure the long-term unmanned operation of the equipment;</p> <p>5.10 The instrument has a good shock absorption system, which is suitable for particle size analysis of airborne particles in the vehicle;</p> <p>5.11 Spare parts: at least 6 corona needles.</p>	
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### 3. Bidder qualification requirements

#### 3.1 Bidders participating in this project must meet the following requirements:

1) The bidder must be the manufacturer of the invested equipment or hold the authorization of the equipment manufacturer/agent in mainland China for the project;

2) Bidders within the border area should have independent legal personality and have not been listed on the "Credit China" website ([www.creditchina.gov.cn](http://www.creditchina.gov.cn)) and the Chinese government procurement website ([www.creditchina.gov.cn](http://www.creditchina.gov.cn)) within three years before the deadline for submission of bid documents. [www.ccgp.gov.cn](http://www.ccgp.gov.cn)) List of untrustworthy persons subject to enforcement, Major tax violations and dishonest subjects, or list of serious violations of government procurement law;

3) Bidders outside the border area must provide valid enterprise/business registration certification materials;

4) Three years before the deadline for bidding, the "Credit China" website ([www.creditchina.gov.cn](http://www.creditchina.gov.cn)) designated by the Ministry of Finance was not included in the list of untrustworthy persons, parties to major tax violations, and the "China Government Procurement Network" ([www.ccgp.gov.cn](http://www.ccgp.gov.cn)) List of records of serious illegal and untrustworthy acts in government procurement;

5) If the bid is for a consortium, the consortium must submit the qualification documents according to the qualification requirements of the bidder, and must comply with the following regulations:

a) Consortium bids must identify one of the consortium parties as the plenipotentiary representative (sponsor) of the bid. All parties to the consortium shall jointly and severally undertake all the responsibilities and obligations of the consortium in the bidding and performance of the contract;

b) All parties to the consortium should sign a joint agreement, clearly agree on the work and corresponding responsibilities of all parties in the consortium, and submit the joint agreement together when registering. After the parties of the consortium have signed the joint agreement, they shall not participate in the bidding of this procurement project in their own names, nor shall they form a new consortium to participate in the bidding of this project;

c) If a consortium bid is adopted, all parties to the consortium must meet the above bidder qualifications.

3.2 Whether to accept consortium bidding: accept

3.3 Can I participate in the bidding without purchasing the bidding documents: No

4. Obtaining bidding documents

4.1 Start time for the procurement of bidding documents: August 18, 2022

4.2 Ending time for the acquisition of bidding documents: August 25, 2022

4.3 Place of purchase of bidding documents/e-download method: On-site purchase of Room 304, Zhongshi Office Building, No. 35, Lane 528, Caoyang Road, Putuo District, Shanghai

4.4 Price of Bidding Documents: ¥600 per copy

4.5 Other instructions: August 18, 2022 ~ August 25, 2022 morning: 9:00 ~ 11:00, afternoon: 13:00 ~ 16:00 (except holidays), pay attention to qualified suppliers who are willing to participate in the bidding "China World Construction Consulting" WeChat public account, click "Bid Registration" at the bottom right corner of the main interface to complete the WeChat registration and purchase the bidding documents on site.

Note: Suppliers who have not received the bidding documents are not allowed to participate in the bidding. After the expiration of the bidding documents sale period, if there are less than 3 potential bidders who purchase the bidding documents, the bid inviting party may re-tender according to law.

4.6 The following materials to be submitted for registration:

1) Supplier qualification certification documents (such as copies of business license, legal person registration certificate, etc.);

2) The certificate of the person in charge of the unit and the identity certificate of the person in charge (provided by the person in charge of the unit) or the power of attorney of the person in charge and the identity certificate of the authorized person (provided by the person in charge of the authorized person);

Note: The copies of the above submitted materials must be stamped with the official seal. If there is any omission, the bidding agency will refuse to accept its registration. The information provided at the time of registration should be consistent with the qualification documents in the bidding documents. If there is any difference, the bidding documents shall prevail. The qualification of bidders will be determined by the bid evaluation committee.

5. Submission of tender documents

Deadline for bidding (bid opening time): September 8, 2022 9:30:00 AM (Beijing time)

Place of delivery of bid documents: Shanghai Zhongshi Construction Consulting Co., Ltd. (Meeting room on the 3rd floor of Zhongshi Office Building, No. 35, Lane 528, Caoyang Road, Putuo District, Shanghai, see the specific meeting room on the display on the first floor of the day for details)

Bid opening location: Shanghai Zhongshi Construction Consulting Co., Ltd. (Meeting room on the 3rd floor of Zhongshi Office Building, No. 35, Lane 528, Caoyang Road, Putuo District, Shanghai, see the specific meeting room on the display on the first floor of the day for details)

6. Bidders must complete a valid registration on the China International Bidding website (<http://www.chinabidding.com>) before the deadline for bidding. The results of the bid evaluation will be announced on the China International Bidding Network.

7. Contact

Tenderee: Shanghai Academy of Environmental Sciences

Address: 508 Qinzhou Road, Xuhui District, Shanghai

Contact: Zhang Hairong

Contact: 021-64085119\*1337

Bidding agency: Shanghai Zhongshi Construction Consulting Co., Ltd.

Address: No. 35, Lane 528, Caoyang Road, Putuo District, Shanghai

Contact: Chen Jie, Ge Shishi

Contact: 021-62340833, 021-62440095

8. Remittance method

Name: Shanghai Zhongshi Construction Consultants CO.,LTD

Bidding agency Bank (RMB): Shanghai Bank Yuyuan Road Branch

Bidding agency Bank (USD): Shanghai Bank Changning Branch

Account number (RMB): 31641800003023916

Account number (USD): 3164631405000272107

SWIFT CODE: BOSH CNSHXXX

Company Address: Shanghai Putuo District Cao Yang Road ,Lane 528,  
No.35(NO.35,LANE 528,CAOYANG ROAD)

9. Other matters: /

## Section 6. Instructions to Bidders and Bid Data Sheet

The specific information on the goods to be purchased in this table is a specific supplement and modification to the instructions to bidders in Chapter 1 of Book 1. If there is any conflict, this information table shall prevail.

Clause Number	Content
<b>Description</b>	
1.1	<p>Tenderee: Shanghai Academy of Environmental Sciences            Address: 508 Qinzhou Road, Xuhui District, Shanghai            Contact: Zhang Hairong            Contact: 021-64085119*1337</p>
1.2	<p>Bidding agency: Shanghai Zhongshi Construction Consulting Co., Ltd.            Address: No. 35, Lane 528, Caoyang Road, Putuo District, Shanghai            Contact: Chen Jie, Ge Shishi            Contact: 021-62340833, 021-62440095            Email: chenjie@cwcc.net.cn, geshishi@cwcc.net.cn</p>
1.3	<p>Project Overview: This project is a public procurement for the rapid measurement system (heavy) of the secondary pollution potential of active organic compounds. This tender requires the seller to provide mature products, rich experience in design, production, installation and commissioning, user training, and provide good after-sales technical support.            Funding nature: financial funds.            This tender is a project that must be tendered according to law. Where there is no stipulation in the bidding documents, the operation shall be carried out in accordance with the relevant laws and regulations of the People's Republic of China and the "Implementation Measures for International Bidding and Bidding of Mechanical and Electrical Products (Trial)" (Order of the Ministry of Commerce of the People's Republic of China [2014] No. 1).</p>
2.2 1)	<p>Qualified goods source country restriction: Any legal person or other organization from the People's Republic of China or a country or region that has normal trade relations with the People's Republic of China can bid.</p>
8.	<p>Bid language: Chinese or Chinese and English (when there is inconsistency between the two languages, Chinese shall prevail, and Chinese translations shall be provided for all foreign documents).            The bid evaluation report for this bidding is in Chinese.</p>
*10.3	<p>This project only allows bidders to provide a bidding plan, otherwise, their bid will be rejected.</p>

11.2	Missing quotations are not allowed, and bids with missing quotations will be rejected.
<b>Bidding quote and currency</b>	
*11.4	Optional quotations or quotations with additional conditions are not accepted. Selective quotations or quotations with additional conditions will result in bid rejection.
11.5	Bid price limit: RMB 3.8 million Note: If the bidder's quotation exceeds the bid limit, the bid document will be rejected.
11.6.1	<p>Bidding quotation methods for domestic supply:</p> <p>1) Goods manufactured within customs</p> <p>① The EXW (ex-factory) price, warehouse delivery price, showroom delivery price or shelf delivery price of the supplied items shall be included in addition to the value-added tax and other taxes to be paid to the government of the People ' s Republic of China The parts and raw materials used in the manufacture or assembly of the goods are all customs duties, value-added taxes and other taxes that have been paid or should be paid imported from abroad.</p> <p>② If there are provisions in the bidding data sheet, report the transportation, insurance and related expenses accompanying the delivery of the goods within the customs territory where the goods are transported to the final destination.</p> <p>③ Report the cost of other accompanying services listed in the bidding information sheet (if any).</p> <p>2) Goods that have been imported before the deadline for bidding</p> <p>① The delivery price of the warehouse, the exhibition room or the shelf delivery price shall not only include the value-added tax and other taxes to be paid to the government of the People ' s Republic of China, but also include the goods that have been paid or should be paid when imported from abroad. All duties, value-added tax and other taxes paid. (Including the price of the main engine, standard accessories and spare parts during the warranty period, and the included value-added tax and consumption tax (if any))</p> <p>(Unless otherwise stated, "domestic" mentioned in this bidding document should be understood as "the People's Republic of China within the territory"; "outside the territory" should be understood as "the People's Republic of China outside the territory")</p> <p>Do you need to report domestic transportation, insurance, and related costs associated with the delivery of goods: Yes</p> <p>Other accompanying service fees: storage fees, loading and unloading fees, transportation fees, insurance fees, and all accompanying services provided in</p>

	Article 16 of the special contract clauses incurred before the goods arrive at the project site.
11.6.2	<p>Bidding method for supply from overseas: CIP price (destination: address designated by Shanghai Institute of Environmental Sciences)</p> <p>Whether to report the relevant expenses of domestic transportation, insurance and accompanying delivery of goods: yes</p> <p>Fees for other accompanying services: storage fees, loading and unloading fees, transportation fees, insurance fees and fees for providing all accompanying services stipulated in Article 16 of the contract-specific clauses before the goods arrive at the project site.</p>
11.9	The nature of the bid price: if the bidder wins the bid, the approved bid price is fixed during the execution of the contract and shall not be changed for any reason.
12.1	<p>*Bidding currency (goods and services provided from the customs territory of the People's Republic of China): RMB</p> <p>If the bidder wins the bid, the bid currency is the payment currency under the contract.</p>
12.2	<p>Bid currency (goods and services provided from outside the customs of the People's Republic of China): US dollars or other international currencies.</p> <p>If the bidder wins the bid, this bid currency is the payment currency under the contract. If the price is quoted in U.S. dollars or other commonly used international currencies, the currency conversion will be carried out at the foreign currency-to-renminbi spot exchange rate issued by the head office of Bank of China on the bid opening date during price evaluation and contract signing.</p>
<b>Preparation and submission of tenders</b>	
*13.1	This project accepts consortium bids.
13.3	<p>Qualification requirements and supporting documents of qualified bidders: Bidders participating in this project must meet the following requirements</p> <ol style="list-style-type: none"> <li>1) The bidder must be the manufacturer of the invested equipment or hold the authorization of the equipment manufacturer/agent in mainland China for the project;</li> <li>2) Bidders within the border area should have independent legal personality and have not been listed on the "Credit China" website (<a href="http://www.creditchina.gov.cn">www.creditchina.gov.cn</a>) and the Chinese government procurement website (<a href="http://www.creditchina.gov.cn">www.creditchina.gov.cn</a>) within three years before the deadline for submission of bid documents. (<a href="http://ccgp.gov.cn">ccgp.gov.cn</a>) List of untrustworthy persons subject to enforcement, Major tax violations and dishonest subjects, or list of serious violations of government procurement law;</li> <li>3) Bidders outside the border area must provide valid enterprise/business</li> </ol>

	<p>registration certification materials;</p> <p>4) Three years before the deadline for bidding, the "Credit China" website (www.creditchina.gov.cn) designated by the Ministry of Finance was not included in the list of untrustworthy persons, Major tax violations and dishonest subjects, and "China Government Procurement Network" (www.creditchina.gov.cn). ccgp.gov.cn) List of records of serious illegal and untrustworthy acts in government procurement;</p> <p>5) If the bid is for a consortium, the consortium must submit the qualification documents according to the qualification requirements of the bidder, and must comply with the following regulations:</p> <p>a) Consortium bids must identify one of the consortium parties as the plenipotentiary representative (sponsor) of the bid. All parties to the consortium shall jointly and severally undertake all the responsibilities and obligations of the consortium in the bidding and performance of the contract;</p> <p>b) All parties to the consortium should sign a joint agreement, clearly agree on the work and corresponding responsibilities of all parties in the consortium, and submit the joint agreement together when registering. After the parties of the consortium have signed the joint agreement, they shall not participate in the bidding of this procurement project in their own names, nor shall they form a new consortium to participate in the bidding of this project;</p> <p>c) If a consortium bid is adopted, all parties to the consortium must meet the above bidder qualifications.</p>
14.3	<p>2) A list of spare parts and special tools necessary for the normal and continuous use of the goods from the start of use by the tenderer to the end of the warranty period;</p> <p>4) The bidder shall provide technical support materials in the bid documents for important technical terms or technical parameters marked with an asterisk ("*"). The technical support materials shall be based on the stamped and printed materials publicly released by the manufacturer of the bidding goods or the test report issued by the testing agency or other forms permitted in the bidding information table of the bidding documents. Anything that does not meet the above requirements will be regarded as invalid technical support materials.</p> <p>Other forms of technical support materials: printouts of the latest materials published on the manufacturer's website.</p>
*15.1	<p>This tender requires bidders to submit a bid bond, and the currency of the bid bond is RMB.</p> <p>Amount of bid bond: RMB 10,000 yuan.</p> <p>Deadline for deposit submission: the same as the deadline for bidding, subject to the</p>

	<p>actual receipt of the deposit.</p> <p>Place of submission: Zhongshi Office Building, No. 35, Lane 528, Caoyang Road, Putuo District, Shanghai</p> <p>Submission method: bank guarantee (the format of the bank guarantee for the bid bond must be consistent with the format provided in the appendix of the first volume of the bidding documents, and there shall be no deviation, otherwise it will be rejected), transfer, remittance, check or other methods accepted by the agency.</p> <p>Bid bond remittance account:</p> <p>Account Name: Shanghai Zhongshi Construction Consulting Co., Ltd. (special account)</p> <p>Bidding Agency Account Bank (RMB): Bank of Shanghai Yuyuan Road Sub-branch</p> <p>Account number: 31641803001602577</p> <p>Company address: No. 35, Lane 528, Caoyang Road, Putuo District, Shanghai</p> <p>1. The agency's internal project number and package number must be noted, for example: Invitation 2022-***, package number: , bid bond.</p> <p>2. Bidders are not allowed to use personal accounts or non-bidder unit accounts or cash to submit bid bonds.</p> <p>Note: The relevant expenses (such as handling fees) that may be incurred in the process of submitting and returning the bid bond shall be borne by the bidder.</p>
16.1	<p>Bid validity period:</p> <p>The bid shall remain valid within 180 days from the deadline for submission of bid documents.</p>
17.1	<p>Number of bid documents: 1 original, 4 copies, and 1 electronic document.</p> <p>The bidder shall provide an electronic document of the entire contents of the bid documents, and the contents shall be consistent with the paper bid documents (among which: the manufacturer's authorization letter for this project, itemized quotation form and quotation list documents must be separate scanned copies, technical and The business deviation table is in Excel format). The CD-ROM shall be sealed separately or together with the bid documents.</p> <p>The general documents or forms in the electronic bid documents should be in Word or Excel format; drawing files should be in AutoCAD format; image files should be in JPEG or TIF format.</p>
*17.2	<p><b>*Each page of the bidding document should be signed by the person in charge of the unit or its authorized representative with the surname or initials.</b></p>
18.2 1)	<p>Submit bids to:</p> <p>Shanghai Zhongshi Construction Consulting Co., Ltd. (Meeting room on the 3rd floor of Zhongshi Office Building, No. 35, Lane 528, Caoyang Road, Putuo District, Shanghai, please refer to the specific meeting room on the display on the first floor of the day)</p>

	<p>If the bid documents are submitted by registered mail or express, the following information should be clearly indicated on the outer envelope of the bid documents:</p> <p>(1) Postal code: 200063</p> <p>(2) Recipient address: Zhongshi Office Building, No. 35, Lane 528, Caoyang Road, Putuo District, Shanghai, China</p> <p>(3) Recipient: the contact person specified in Article 1.2 of this data sheet</p> <p>If the bid documents are submitted by registered mail or express delivery, the submission time shall be subject to the receipt by the recipient. If the bidder does not send an authorized representative to participate in the bid opening ceremony, it shall be deemed as the default result of the bid opening, and there is no objection to the entire bid opening process.</p>
18.2.2)	<p>Title and number of the invitation to tender:</p> <p>Name of the bidding project: rapid measurement system for secondary pollution potential of active organic compounds (heavy)</p> <p>Bidding number: 1069-224Z20222421</p> <p>Indicate the words "Not to be opened before 9:30:00 a.m. (Beijing time) on September 8, 2022"</p>
*19.1	Bidding deadline is September 8, 2022 at 9:30:00 a.m. (Beijing time)
22.1	<p>Bid Opening Date: Same as the deadline for bidding</p> <p>Venue: Shanghai Zhongshi Construction Consulting Co., Ltd. (Meeting room on the 3rd floor of Zhongshi Office Building, No. 35, Lane 528, Caoyang Road, Putuo District, Shanghai, see the specific meeting room on the display on the first floor of the day for details)</p>
<b>Evaluation</b>	
23.1	<b>The bid evaluation method for this bidding: the lowest bid evaluation method</b>
*24.5.2	<p>During the technical review process, if there is one of the following circumstances, the bid will be rejected.</p> <p>1) It does not meet the requirements of important terms (parameters) marked with an asterisk ("*") in the technical specifications of the bidding documents, or the important terms (parameters) marked with an asterisk ("*") do not have technical data that meet the requirements of the bidding documents Supported</p> <p>2) The general technical terms exceed the maximum allowable deviation by 10% or exceed the maximum allowable deviation by 3 items (inclusive).</p>
25.	Renminbi is the bid evaluation currency for this tender. In order to facilitate bid evaluation and comparison, if there are multiple currencies in the bid quotation, the bid currency is converted to the bid evaluation currency specified in the bid data sheet based on the foreign currency selling price first issued by the head office of Bank of

	China on the day of bid opening. Calculate the bid evaluation price.
26.4	In accordance with the provisions of Article 26.3 of this notice, for the bid evaluation factors selected in this bidding information table, the bid evaluation price shall be adjusted by a quantitative method.
26.4.1	Inland transportation and insurance The bidder shall provide: (1) The number of packages of goods and the size and transportation weight of each package; (2) Report the "Freight and Insurance Fee to Final Destination" in accordance with the provisions of Format IV-3 "Bid Sub-item Quotation Format" in Chapter IV of this Bidding Document.
*26.4.2	Delivery time: Domestic supply products: Domestic supply products: delivery within 3 months from the date of signing the contract; overseas supply products: within 3 months after the contract is signed and tax exemption is completed. The supplier shall notify the tenderee in advance of the environment and installation conditions for equipment installation, and the tenderee shall make preparations for the equipment installation. Selected plan: not applicable Percentage for adjustment (%): /
*26.4.3	Payment terms: deviation is not allowed, any deviation will result in the rejection of the bid.
*26.4.4	The cost of spare parts and spare parts: under-reporting is not allowed, any under-reporting will result in the rejection of the bid.
26.4.5	Spare parts supply and after-sales service facilities in China: The bidder shall have maintenance service facilities and spare parts inventory within the borders of China. If not, the bidder shall propose the corresponding after-sales service plan and expenses, which shall be included in the bid evaluation price when evaluating the bid. Otherwise, the bid evaluation price will rise by 1%.
*26.4.6	Estimated operating and maintenance costs of the bidding equipment: Not applicable.
*26.4.7	Equipment performance and productivity: The selected scheme: 1) The terms, parameters, indicators or requirements marked with an asterisk ("*") in the technical specifications of the bidding documents (hereinafter referred to as "technical requirements") are the main technical requirements, and the commercial requirements of the bidding documents The terms marked with an asterisk ("*") are the main business requirements. If the goods or services provided by the bidder, or

	<p>the relevant conditions promised by the bidder do not meet such major technical requirements or major commercial requirements, the bid for the corresponding package will be rejected. All requirements not marked with an asterisk ("*") in the technical specifications of the bidding documents are general technical requirements. If the goods or services provided by the bidder do not meet such requirements, the bid evaluation price will be set in Two percent (2%) above the approved bid price for the corresponding equipment. If the goods, services and related conditions promised by each package bidder do not meet such general technical requirements or general business requirements accumulatively reach more than 3 items (including 3 items, this bidding document has any lowest level of numbers or signs) The terms are counted as one item, the same below), and the bid for the corresponding package will be rejected.</p>
<p>*26.4.8</p>	<p>Other additional bid evaluation factors and standards:  Except for the determination conditions and standards specified in Article 10.3, 26.4.1~26.4.7 of this data sheet and the "Additional Changes Applicable to This Tender" section of this data sheet, which will lead to the rejection of bid documents, Here is a summary of the relevant laws, regulations, rules and other criteria and standards that will lead to the rejection of the bid documents stipulated in the instructions to bidders in Chapter 1 of this bidding document, and the description is as follows:</p> <p>(1) Main business requirements</p> <p>The bidder must make a substantial response to the main business requirements listed in this paragraph in its bid documents. If the bid evaluation committee finds any of the following conditions in the bidder, the manufacturer of the bid goods or the bid documents during the commercial evaluation process, the bid Will be rejected:</p> <p>(A) The interest of the bidder or its manufacturer and the bid inviting party may affect the fairness of the bidding;</p> <p>(B) The bidder participates in the preliminary consultation of the project or the preparation of bidding documents;</p> <p>(C) The person in charge of different bidder units is the same person or there is a holding or management relationship;</p> <p>(D) The bidder has illegal acts such as colluding bids, falsifying and offering bribes;</p> <p>(E) The bid price is higher than the maximum bid price limit set in the bidding documents (when the bidding document specifies the maximum bid price limit or the calculation method of the maximum bid price limit);</p> <p>(F) Unqualified bidder's identity (including those not from a normal trading country of the People' s Republic of China; the bidder or manufacturer has any relationship with the bidder, bidding agency and related consulting agencies; it is not legally and financially independent or not Legal persons or other organizations operating</p>

legally);

(G) Failure to fill in and submit the "Bid" in accordance with Format IV-1 in Chapter IV of the Bidding Document;

(H) Failing to fill in and submit the "Bid Opening List Format" and various itemized quotation forms in accordance with Format IV-2 and Format IV-3 of Chapter 4 of the Bidding Document;

(I) Failing to fill in and submit various deviation forms in accordance with the format IV-5 and IV-6 in Chapter 4 of the Bidding Document;

(J) The bid validity period is insufficient;

(K) The bidder has not submitted the bid bond, the amount of the bid bond is insufficient, the currency of the bid bond does not meet the requirements, the original bid bond has not been submitted, the validity period of the bid bond is insufficient, the form of the bid bond or the issuing bank or format of the bid bond is not Comply with the requirements of Format IV-7 in Chapter IV of the Bidding Document;

(L) The bid document does not have the signature of the person in charge of the unit, or the signatory does not have a valid power of attorney from the person in charge of the unit (the format of the power of attorney for the person in charge of the unit is in the format IV-8 of Chapter 4 of the Bidding Document);

(M) The bidding documents are not signed according to the regulations (including small sign page by page);

(N) The qualifications of the bidder (including the members of the bidding consortium) or the manufacturer or the qualification certification documents submitted do not meet the requirements of the bidding documents.

Eligibility documents include:

(I) Qualification statement (see format IV-9-1 in Chapter 4 of the Bidding Document for the format);

(Ii) Manufacturer's qualification statement (see the format IV-9-2 in Chapter 4 of the Bidding Document for the format);

(Iii) The qualification statement of the trading company (as an agent) (see the format IV-9-3 in Chapter 4 of the Bidding Document for the format, and the manufacturer does not need to fill in and submit the qualification statement when directly bidding);

(Iv) The authorization letter issued by the manufacturer (see format IV-9-4 in Chapter IV of the Bidding Document for the format. The manufacturer does not need to fill in and submit the authorization letter when bidding directly. The trading company (as an agent) or integrator should follow The list of goods requirements and technical specifications of the bidding documents shall be submitted with the authorization letter issued by the relevant equipment manufacturer); (v) Certificate (see the format IV-9-5 in Chapter 4 of the Bidding Document for the format);

(Vi) Bank credit certificate (the bank's issuance date should be within three months

before the bid opening date, and the reference format is shown in Annex 6-2);

(Vii) Three years before the deadline for bidding, a screenshot of the website of the "Credit China" website ([www.creditchina.gov.cn](http://www.creditchina.gov.cn)) designated by the Ministry of Finance ([www.creditchina.gov.cn](http://www.creditchina.gov.cn)) to be included in the list of untrustworthy persons and Major tax violations and dishonest subjects and "Chinese government Screenshot of the website of the "Procurement Network" ([www.ccgp.gov.cn](http://www.ccgp.gov.cn)) record of serious illegal and untrustworthy acts in government procurement;

(Vii) The supplier' s written statement (see the format IV-12 in Chapter 4 of the Bidding Document for the format).

(O) Bidding beyond the scope of business;

(P) Failed to complete a valid registration on the bidding website (website: <http://www.chinabidding.com>) before the deadline for bidding;

(Q) The promised quality assurance period does not meet the requirements of the bidding documents;

(R) Except as expressly permitted in Article 11.5 of this data sheet, include price adjustment requirements in the bidding documents;

(S) Bidders who bid in the form of a consortium fail to submit a joint bid agreement, or the sponsor of the consortium, the work and responsibilities of the parties to the consortium are not stated in the agreement, or the members of the consortium will undertake joint and several joint bidding agreements. Responsibility (only applicable to bidding projects that accept consortium bidding);

(T) The promised arbitration institution, rules or location are inconsistent with Article 32.2 of the General Terms and Conditions of the Bidding Documents and Contracts;

(U) The promised applicable law is inconsistent with Article 34 of the General Terms and Conditions of the Bidding Documents and Contracts;

(V) The bidder does not accept the correction made by the bid evaluation committee for the calculation error of its quotation;

(W) The currency of the bid quotation does not conform to the provisions of the bidding documents or the quotation method adopted will cause the bid evaluation committee to be unable to calculate its bid evaluation price according to the established rules;

(X) The increase in the bid evaluation price caused by missing items in the quotation exceeds the maximum allowable ratio;

(Y) Other situations clearly stipulated by relevant laws, regulations or rules that will lead to rejection of bid documents.

(2) Requirements for the preparation of technical tenders

For the main technical requirements marked with an asterisk ("\*") in the technical specifications, bidders must make clear and specific responsiveness descriptions

	<p>(including possible positive and negative deviations) in their bid documents, and provide corresponding Technical support materials, otherwise the bid will be rejected. The above technical support materials are subject to the certification issued by an authority (such as a certificate that has passed the 3C certification) or a test report issued by a third-party testing agency or the printed materials publicly released by the manufacturer of the bidding goods. The inspection report issued by the three-party inspection agency is inconsistent with the publicly released printed information by the manufacturer of the bidding goods, and the certification certificate issued by the authority or the inspection report issued by the third-party inspection agency shall prevail. For non-standard and non-universal equipment, the bidder can also provide the contract technical specifications of similar projects previously completed and the final performance inspection report (should be signed by the user representative) as technical support materials. The above-mentioned technical support materials can only be used to prove that the bidder claims to be in conformity with the actual non-conformity, and cannot be used to prove to the contrary.</p> <p>If the bid evaluation committee finds any of the following conditions in the bid documents during the technical evaluation process, its bid will be rejected:</p> <p>(A) The bid documents do not meet the main technical requirements (if any) marked with an asterisk ("*") in the technical specifications of the bidding documents, or the main technical requirements marked with an asterisk ("*") do not meet the requirements of the bidding documents Supported by technical data;</p> <p>(B) The general technical requirements in the technical specifications of the bid documents exceed the maximum number of allowed deviations;</p> <p>(C) The response in the technical specifications of the bidding documents is inconsistent with the facts or false bidding;</p> <p>(D) The bidder copies or imitates the relevant part of the technical specifications of the bidding documents as part of its bidding documents;</p> <p>(C) Other circumstances that can be judged as non-substantial responses specified in the technical specifications of the bidding documents.</p>
26.5	<p>Number of successful candidates: 1</p> <p>The candidate with the lowest bid evaluation price is the first-ranked candidate.</p>
<b>Grant the contract</b>	
31.1	<p>Method for determining the winning bidder: The tenderer will determine the first-ranked candidate as the winning bidder. The first-ranked bid winning candidate abandons the bid, fails to perform the contract due to force majeure, fails to submit the performance bond as required by the bidding documents, or is found to have illegal acts affecting the bid winning result. If the bid winner does not meet the bid winning conditions, the bid inviting party will evaluate the bid The ranking of the list of successful bidders proposed by the committee shall determine in turn other bid-winning candidates as the successful bidders, and may also re-tender.</p>

36	<p>The winning bidder of this project and the tenderer shall pay a service fee to the bidding agency in one lump sum within 5 days after signing the contract. The details are as follows:</p> <p>1. The total amount of bid winning determined in the bid winning notice is used as the basis for calculating the fee;</p> <p>2. The bidding service fee is calculated progressively according to the following rates: RMB 1 million and below: 1.5%; RMB 1 to 5 million: 1.1%; If it is calculated to be less than RMB 6,000, it will be calculated as RMB 6,000.</p>
Amendments and Supplements to Chapter 4 "Format of Bidding Documents"	
Format IV-2 Format of Bid Opening List	Rewrite, attached
Format IV-5-1 Technical Specifications Response/Deviation Table [Important terms marked with an asterisk ("*")]	Rewrite, attached
Format IV-5-2 Technical Specification Response/Deviation Table [Except for the important terms and conditions marked with an asterisk ("*")]	Rewrite, attached
Format IV-6-1 Business Clause Response/Deviation Table [important clauses marked with an asterisk ("*")]	Rewrite, attached
Format IV-6-2 Business Clause Response/Deviation Table [Except for the important clauses marked with an asterisk ("*")]	Rewrite, attached
Format IV-10 List and price of spare parts required for operation for 2 years after the expiration of the warranty period	Rewrite, attached
Format IV-11 Supplier Written Statement	Rewrite, attached
Format IV-12 Tender Deposit Payment and Return Voucher	Rewrite, attached
Format IV-13 Explaining Letter of Invoicing Information	Rewrite, attached

Additional changes applicable to this bidder's notice:

(1) Bidders should carefully review all the contents of the bidding documents (including possible drawings, pictures and CD-ROMs, etc.). If after receiving the bidding documents, they find missing pages, unclear printing or do not understand the contents and fail to submit The bidding agency proposes that the bidder's bidding documents do not meet the requirements of the bidding documents as a result of this, and its responsibility shall be borne by the bidder. Bid documents that do not substantially respond to the requirements of the bidding documents will be rejected.

(2) If the number of bidders who have submitted valid bids is less than three or the number of bidders who agree to extend the validity period of the bid in accordance with Article 16.2 of the Bidding Document's Instructions to Bidding Documents is less than three (if the bidding agency has selected and implemented it through the prescribed filing procedures before the bid is opened. If two bids are opened, the two "three" in the above regulations shall be changed to "two"), and the tenderee has the right to choose to re-tender according to the recommendation of the bid evaluation committee.

(3) When the prescribed deadline for bidding is reached, the number of bidders submitting bid documents is less than three; or when the prescribed deadline for selling bidding documents is reached, the number of potential bidders who actually purchase the bidding documents is less than three; or Before the deadline, it is confirmed in writing that the number of potential bidders participating in the bidding is less than three. The tenderer and the tendering agency will re-tender in accordance with relevant regulations (for the new deadline, see the announcement issued by the tendering agency on the bidding website), but the original bidding has already been submitted. Bidders who have submitted their bid documents before the deadline shall not withdraw their bid documents. The staff of the bidding agency shall affix a seal on the outer packaging of the bid documents, and all the affixed seals shall be represented by the bidders who have submitted the bid documents. Sign (if any bidder has not sent a representative to participate in the first bid opening meeting, it is deemed to have signed on the affixed seal), and then the bidding agency is responsible for keeping the bidding documents and ensuring that the bidding documents are in a sealed state. When the deadline for the new bid is reached, the representative of the bidder who has submitted the bid documents will first check and confirm the integrity of all affixed seals, and then enter the subsequent bid opening procedure.

(4) If the bidder has additional, auxiliary or additional parts, accessories, devices, equipment or software in its supply list that exceed the requirements of the goods requirements list and technical specifications of the bidding documents, regardless of whether the itemized price is indicated, the calculation No deduction will be made when evaluating the bid price. Unless the bidder clearly stated this part of the price in the "Bidder's Notes" column of the "Bid Document" and "Summary of Bid Quotations", and this part of the price has been deducted from the bid opening record.

(5) The bidder shall not list standard accessories or random spare parts or spare parts that may affect the main function or performance of the bid product as options, otherwise it will not be approved, and this part of the price will still be included in the bidder's bid evaluation. Among the bid evaluation prices.

(6) If the bidder clearly stated the value-added tax (or the proportion of value-added tax) that it intends to pay for the domestic products that it intends to invest in, in the notes under the table of the "Domestic Supply Sub-item Quotation Form" for its supplies originating in China As well as the tariffs on imported parts, components or materials, when calculating the technical and commercial deviation discount, the relevant taxes and fees will be removed from the corresponding equipment quotation and the total bid price, otherwise the original quotation shall prevail when calculating the deviation discount.

(7) Where there is a negative deviation between the commercial or technical part of the bidding document and the requirements of the bidding document (that is, it cannot meet the requirements of the bidding document), it must be included in the "Commercial Clause Response/Deviation Table" and "Technical Specification Response/Response" in the bidding document. Deviations will be reflected in the table, otherwise they will not be considered after winning the bid. However, during bid evaluation, if the above-mentioned negative deviation is found outside the "Commercial Clause Response/Deviation Table" and "Technical Specification Response/Deviation Table" in the bidding documents, an unfavorable evaluation to the bidder will be made.

(8) Paper response documents for different packages should be prepared separately and submitted separately and sealed. The bidder shall separate the technical and business fascicles of the bid documents. The bidding documents should be bound in the form of a fixed glue seal, and no binders are allowed; the total number of sheets in the technical sub-books of a single bid document shall not exceed 200, and the performance certificates and other materials are recommended to be scanned into an electronic version and recorded on a CD-ROM; each page is a printed version The bidding documents shall be marked with consecutive page numbers.

(9) If the import equipment quotation provided by the bidder already includes tariffs and import

Additional changes applicable to this bidder's notice:

- (1) Bidders should carefully review all the contents of the bidding documents (including possible drawings, pictures and CD-ROMs, etc.). If after receiving the bidding documents, they find missing pages, unclear printing or do not understand the contents and fail to submit The bidding agency proposes that the bidder's bidding documents do not meet the requirements of the bidding documents as a result of this, and its responsibility shall be borne by the bidder. Bid documents that do not substantially respond to the requirements of the bidding documents will be rejected.
- (2) If the number of bidders who submitted valid bids is less than three or the number of bidders who agree to extend the validity period of the bid in accordance with Article 16.2 of the Bidding Document's Instructions to Bidding Documents is less than three (if the bidding agency has selected and implemented it through the prescribed filing procedures before the bid opening) If two bids are opened, the two "three" in the above regulations shall be changed to "two"), and the tenderer has the right to choose to re-tender according to the recommendation of the bid evaluation committee.
- (3) When the prescribed deadline for bidding is reached, the number of bidders submitting bid documents is less than three; or when the prescribed deadline for selling bidding documents is reached, the number of potential bidders who actually purchase the bidding documents is less than three; or Before the deadline, it is confirmed in writing that the number of potential bidders participating in the bidding is less than three, and the tenderer and the tendering agency will re-tender in accordance with relevant regulations (for the new deadline, see the announcement issued by the tendering agency on the bidding website), but the original bid has already been submitted. Bidders who have submitted their bid documents before the deadline shall not withdraw their bid documents. The staff of the bidding agency shall affix a seal on the outer packaging of the bid documents, and all the affixed seals shall be represented by the bidders who have submitted the bid documents. Sign (if any bidder has not sent a representative to participate in the first bid opening meeting, it will be deemed to have signed on the affixed seal), and then the bidding agency is responsible for keeping the bidding documents and ensuring that the bidding documents are in a sealed state. When the new deadline for bidding is reached, the representative of the bidder who has submitted the bidding documents will first check and confirm the integrity of all affixed seals, and then enter the subsequent bid opening procedure.
- (4) If the bidder has additional, auxiliary or additional parts, accessories, devices, equipment or software in its supply list that exceed the requirements of the goods requirements list and technical specifications of the bidding documents, regardless of whether the itemized price is indicated, the calculation No deduction will be made when evaluating the bid price. Unless the bidder clearly stated this part of the price in the "Bidder's Notes" column of the "Bid Document" and "Summary of Bid Quotations", and this part of the price has

been deducted from the bid opening record.

- (5) The bidder shall not list standard accessories or random spare parts or spare parts that may affect the main function or performance of the bid product as options, otherwise it will not be approved, and this part of the price will still be included in the bidder's bid evaluation. Among the bid evaluation prices.
- (6) If the bidder clearly stated the value-added tax (or the percentage of value-added tax) that it intends to pay for the domestic products that it intends to invest in, in the notes under the "Domestic Supply Sub-item Quotation Form" for its supplies originating in China As well as the tariffs on imported parts, components or materials, when calculating the technical and commercial deviation discount, the relevant taxes and fees will be removed from the corresponding equipment quotation and the total bid price, otherwise the original quotation shall prevail when calculating the deviation discount.
- (7) Where there is a negative deviation between the commercial or technical part of the bidding document and the requirements of the bidding document (that is, it cannot meet the requirements of the bidding document), it must be included in the "Commercial Clause Response/Deviation Table" and "Technical Specification Response/Response" in the bidding document. Deviations will be reflected in the table, otherwise they will not be considered after winning the bid. However, during bid evaluation, if the above-mentioned negative deviation is found outside the "Commercial Clause Response/Deviation Table" and "Technical Specification Response/Deviation Table" in the bidding documents, an unfavorable evaluation to the bidder will be made.
- (8) The bidder must separate the technical and business fascicles of the bid documents. Bid documents should be bound in the form of a fixed glue seal, and binders are not allowed; the total number of sheets in the technical fascicle of a single bid document shall not exceed 200. It is recommended that the performance certificate and other materials be scanned into an electronic version and recorded on a CD; each page is printed. The bidding documents shall be marked with consecutive page numbers.
- (9) If the quotation of imported equipment provided by the bidder includes tariffs and import value-added tax, it must be clearly stated in the "Bidder's Remarks" column of the "Sub-item Quotation Form for Supply". Otherwise, in the final calculation of the bid evaluation price of the bidder, it will be based on the quotation requirements specified in the bidding documents and the relevant trade terms in the latest edition of the International Chamber of Commerce or the designated edition of the bidding documents. Define to be processed.
- (10) If the bidder proposes to amend its bid documents or promises after receiving the bid-winning notice, the bid inviting party has the right to cancel the bid-winning qualifications and select the next bid-winning candidate to win the bid according to the order recommended by the bid evaluation committee, or choose to re- Bidding. At this time, the original winning bidder will be deemed unable to sign the contract with the

tenderer within the specified time, and the bid bond will not be refunded.

- (11) If the bidder's bidding goods (including installations, equipment, spare parts, spare parts and special tools) are partly supplied from abroad and partly supplied from China, and the bidder has attached a quotation change statement in its bid documents ( Including discounts or price increases declared in the form of percentages or quotas), the specific quotation changes and changes should be stated at the same time, otherwise, all relevant quotations will be itemized according to the bid evaluation and the contract signing and execution process after winning the bid. It should be considered in the same proportion of changes (but the provisional deposit is specified in the bidding documents).

**Format IV-2 Format of Bid Opening List**

Name of Bidder: \_\_\_\_\_ Country / region: \_\_\_\_\_ Bidding No.: \_\_\_\_\_ Package No: /

Serial No.	Item Name	Bidding brand	Models and specifications	Quantity	Name and Country/Area of Origin of Manufacturer	Price Terms	Currency	Bid Price	Bid Security	Delivery date	Remarks
1											
2											
3											
4											
...											
Total price				capital: lower case:							

**Signature of Bidder's Representative:**

**Note: In addition to this table in the bidding documents, it should be sealed and marked in accordance with Article 18.1 of the Instructions to Bidder and provided separately with the bid bond.**

**\*In this form, bidders can only make a comprehensive quotation for the goods they have invested, and shall not make a separate quotation including but not limited to supporting goods (systems), consumables, and input and output equipment, otherwise the bid will be rejected.**

**IV-5. Technical specification response/deviation table format**

Format IV-5-1 Technical Specifications Response/Deviation Table [Important terms marked with an asterisk ("\*")]

Name of Bidder: \_\_\_\_\_ Bid No.: \_\_\_\_\_ Package No.: /

Serial No.	Item name	Bidding documents item number	Bidding specifications	Tender specifications	Responsiveness/Deviation	Technical support information note
1.						See "Bidding Documents" page ____, and clause__.
2.						See "Bidding Documents" page ____, and clause__.

Signature of Bidder's Representative:

Remark:

1. The bidder shall, in accordance with the technical specifications of the bidding documents, explain the goods and services provided one by one, make a substantive response to the technical specifications of the bidding documents, and at the same time declare deviations and exceptions from the technical specifications. Especially for indicators with specific parameter requirements, the bidder must provide the specific parameter values of the equipment invested.
2. According to this table format, the bidder responds to the terms and conditions of the bidding document "\*" one by one, and states that the terms are in paragraph No. on page of the "Bid Documents", and the corresponding terms in the bid documents are marked in bold color.
3. If the "bidding specifications" here are inconsistent with the description of the terms in Chapter 8 "List of Goods Requirements and Technical Specifications", the provisions in Chapter 8 "List of Goods Requirements and Technical Specifications" shall prevail.

\*The important terms marked with an asterisk ("\*") must provide technical support materials.

Format IV-5-2 Technical Specification Response/Deviation Table [Except for the important terms marked with an asterisk ("\*")]

Name of Bidder: \_\_\_\_\_ Bid No.: \_\_\_\_\_ Package No.:

Serial No.	Item name	Bidding documents item number	Bidding specifications	Tender specifications	Responsiveness/Deviation	Description
1.						
2.						

Signature of Bidder' s Representative:

Remark:

1. When preparing the bidding documents, the bidder shall supplement and increase the content of the technical specifications that are not listed in the technical specification response/deviation table (that is, the bidding document entry number is "...").
  2. The bidder shall compare the technical specifications of the bidding documents, explain the goods and services provided one by one, make a substantive response to the technical specifications of the bidding documents, and at the same time declare deviations and exceptions from the technical specifications. Especially for indicators with specific parameter requirements, the bidder must provide the specific parameter values of the equipment invested.
- If the "bidding specifications" here are inconsistent with the provisions of Chapter 8 "List of Goods Requirements and Technical Specifications", the provisions in Chapter 8 "List of Goods Requirements and Technical Specifications" shall prevail.

Format IV-6. Business clause response/deviation table format

Format IV-6-1 Business Clause Response/Deviation Table [important clauses marked with an asterisk ("\*")]

Name of Bidder: \_\_\_\_\_ Bid No.: \_\_\_\_\_ Package No.:

Serial No.	Bidding documents item number	Bidding documents commercial terms	Tender documents commercial terms	Responsiveness/Deviation	Technical support information note
1.					See "Bidding Documents" page ____ and clause ____.
2.					See "Bidding Documents" page ____ and clause ____.

Signature of Bidder's Representative:

Remark:

1. If the "Commercial Terms of Bidding Documents" is inconsistent with the provisions of Chapter 8 "List of Goods Requirements and Technical Specifications", the provisions in Chapter 8 "List of Goods Requirements and Technical Specifications" shall prevail.

According to this table format, the bidder responds to the terms and conditions of the bidding document "\*" one by one, and states that the terms are in paragraph No. of page of the "Bid Documents". At the same time, the corresponding terms in the bidding documents are marked in bold color.

Format IV-6-2 Business Clause Response/Deviation Table [Except for the important clauses marked with an asterisk ("\*")]

Name of Bidder: \_\_\_\_\_ Bid No.: \_\_\_\_\_ Package No.:

Serial No.	Bidding documents item number	Bidding documents commercial terms	Tender documents commercial terms	Responsiveness/Deviation	Description
1.					
2.					
3.					
4.					
5.					

Signature of Bidder's Representative:

Note: If the "Commercial Terms of Bidding Documents" here are inconsistent with the descriptions in Chapter 8 "List of Goods Requirements and Technical Specifications", the provisions in Chapter 8 "List of Goods Requirements and Technical Specifications" shall prevail.

## Format IV-10 Supplier Written Statement

To: (Tenderee)

The supplier solemnly promises:

In the process of providing procurement and supply services for this project, strictly abide by the provisions of Article 34 of the Regulations on the Implementation of the Tendering and Bidding Law of the People's Republic of China: "A legal person, other organization or individual who has an interest in the tenderee that may affect the fairness of tendering, No bidder is allowed. The person in charge of the unit is the same person or different units with holding or management relationship, and shall not participate in the bidding of the same bidding section or the same bidding project without dividing the bidding section." Article 18 stipulates: "The person in charge of the unit is the same person or different suppliers with direct holding and management relationships, and shall not participate in government procurement activities under the same contract. Except for single-source procurement projects, provide overall design and specifications for procurement projects. Suppliers of preparation or project management, supervision, testing and other services are not allowed to participate in other procurement activities of the procurement project." If you violate the above provisions, you are willing to bear the corresponding legal consequences.

My unit has not resigned from the tenderee or retired within 3 years to serve as controlling shareholder or actual controller, director, supervisor, nor has it hired any personnel who have resigned or retired from the tenderee for less than 3 years.

In addition, in the process of providing procurement and supply services for this project, strictly abide by the law, maintain integrity and self-discipline, and prevent any unfair competition.

Supplier (official seal):

Legal representative/person in charge or its authorized principal:

Date: year, month, day

Attachment: List of shareholders of bidders and the proportion of shares held by them (self-designed format)

**Format IV-11 Bid Deposit Payment and Return Voucher (format) (applicable to bank transfer)**Evaluation of service factors:

We hereby submit the Bid Bond for the project name \_\_\_\_\_(Tender No .:). RMB\_(Capital: RMB\_\_\_\_\_). The account was transferred from our account to your account on the (date).

See Attachment: A copy of the remittance slip or transfer voucher issued by the bank.

Please return the deposit according to the following contents into our account. If due to incomplete content, errors, illegible handwriting illegible lead to the project failed to refund or refund the deposit in error, we will assume full responsibility and loss.

The full name of the unit: \_\_\_\_\_.

Bank (to be specific to the branch): \_\_\_\_\_.

Account account: \_\_\_\_\_.

Name of bidder (official seal):

Date: \_\_\_\_\_

Attached:

<p>(Paste transfer or remittance bank certificate copy)</p>
---

Note:

1. When bidders bid, they shall pay a bid bond in accordance with the requirements of the bidding documents. The bid deposit must be drawn from the basic account and paid in the form of bank transfer or bank remittance, and a copy of the voucher should be pasted as required for the return of the bid deposit after the project ends.
2. Within five working days after the bid-winning notice is issued, the bidding agency will refund the bid bond of the unsuccessful bidder without interest. After the successful bidder pays the bid-winning service fee to the bidding agency in full within five working days after the signing of the procurement contract and in accordance with the requirements of the "Bid-winning service fee" in the pre-attached table of this bidding document, the bidding agency will refund the winning bidder's payment without interest. Bid bond.

**Form IV-12 Joint Agreement (Required for Consortium Bids)**

Party A:

Party B:

(If there is, it can be added in the sequence of A, B, C...)

After negotiation, the parties have reached the following agreement on the matter of joint bidding in response to the bidding activities of the project organized and implemented:

1. All parties unanimously decide to bid for the sponsor and submit qualification documents according to the provisions of the bidding documents.
2. During this bidding process, any legal commitments made by the sponsor's legal representative or authorized agent to the tenderee and the purchaser in accordance with the provisions of the bidding documents and the content of the bid, including written clarifications and responses, shall be deemed valid for each joint bidder. parties are binding. If the bid is won and the contract is signed, all parties to the joint bid will jointly perform all obligations to the tenderee and the purchaser and assume joint and several liabilities to the purchaser for the matters stipulated in the purchase contract.
3. The other parties in the joint bidding guarantee to provide all quality assurance and after-sales service support for the products and services provided by the sponsor in response to this bidding.
4. In this joint tender  
The work and obligations undertaken by Party A are:  
The work and obligations undertaken by Party B are:
5. Other matters related to this joint bidding:
6. After this agreement is submitted to the tenderee, the parties to the joint bid shall not modify or revoke the above-mentioned substance in any form.
7. This agreement is made in one copy, each party to the contract holds one copy, and one copy is submitted to the tenderee.

Party A's unit (official seal): Party B's unit (official seal):

Legal representative (signature or seal): Legal representative (signature or seal):

year month day year month day

### Billing Information Instructions

Shanghai Zhongsheng Construction Consulting Co., Ltd.:

If the Company \_\_\_\_ (Name of Bidder) wins the bidding for participation in the bidding of (Project Name) (Bidding No. : \_\_\_\_\_) held by your company, the type of invoice is  Ordinary Value Added Tax Invoice  Special VAT Invoice (Please refer to the corresponding "  "hit" ✓ ", and can only choose one of them), and our billing information is as follows:

company name			
Taxpayer Identification Number			
address			
Bank (Specific to X Bank X branch)		contact number	
account number		Contact	

**If our company fails to fill in according to the requirements, fails to provide valid billing information, does not confirm the type of invoice issued, or the type of confirmed invoice is wrong. Agree not to change the invoice type. And is willing to bear all the consequences caused by this.**

Name of bidder (official seal);

## Section 7. Special Conditions of Contract

This chapter "contract-specific terms" is the second chapter "contract general terms" specific additions and modifications, if any, should be the exclusive terms of this contract shall prevail.

Clause No.	content
1	Buyer's name: Shanghai Academy of Environmental Sciences Buyer's bidding agent name: Shanghai Zhongshi Construction Consulting Co., Ltd. Seller's name: Project site: the place designated by the buyer
7	Amount of performance bond:/ Currency: Contract currency
16	Companion services to be provided: 1) Implement or supervise the on-site assembly and/or trial operation of the supplied items; 2) Provide tools required for assembly and/or maintenance of the goods; 3) Provide detailed operation and maintenance manuals for each appropriate single piece of equipment supplied; 4) Operate or supervise or maintain or repair the supplies within a certain period agreed by both parties, but the prerequisite is that the service does not exempt the seller from the obligations assumed by the seller during the guarantee period of the contract; 5) Train the buyer ' s personnel on the assembly, trial operation, operation, maintenance and/or repair of the supplied items at the seller ' s manufacturer and/or at the project site. 6) The bidder ' s quotation must include the costs associated with the import process, including but not limited to: foreign trade agency service fees, commodity inspection and customs clearance, certificate processing, bank handling fees, freight and miscellaneous fees and other costs for all goods to the Shanghai Environmental Science Research Institute
17. 2	Spare parts required: spare parts within the warranty period.
18.4	Period of free repair and replacement of defective parts: (1) The quality guarantee period of this project shall be no less than 1 year, which shall be counted from the date of acceptance; (2) Outside the warranty period, the user can re-sign a product maintenance agreement with the winning bidder as needed to ensure the normal operation of the instrument; the supply of spare parts will be guaranteed within 10 years after the instrument is discontinued; (3) The instrument software is upgraded free of charge for life and provides

	free technical support for life.
20	<p>Payment methods and conditions are:</p> <p>For overseas successful bidders:</p> <p>(1) Within 30 days after the signing of the contract, the import agent shall issue an irrevocable letter of credit at sight for 60% of the contract amount. Accepted on the following conditions:</p> <p>(a) A performance bond of 5% of the total contract price (or to issue a performance bond of 5% of the total contract price).</p> <p>(b) After 100% of all goods described in the contract have been shipped, accept the amount under the letter of credit against the full set of delivery documents specified in the contract.</p> <p>(2) The final payment (40% of the total contract price) shall be paid with the following T/T documents within 10 working days after the acceptance of the goods:</p> <p>(a) a commercial invoice for 40% of the contract value;</p> <p>(b) Acceptance certificate signed by the buyer and seller;</p> <p>(3) The performance bond is valid until the final installation, commissioning and acceptance of the contract goods. The payee of the performance bond is the import agent, and the bond will be returned by the import agent after the performance is over.</p> <p>For domestic successful bidders:</p> <p>After the contract is signed, the seller pays 5% of the performance bond (or letter of guarantee) of the contract value, the buyer pays 60% of the contract value, and the buyer pays 40% after the acceptance of the goods, and refunds 5% of the performance bond.</p>
*32.2	The place of arbitration and the official language of the arbitration: The arbitration shall be conducted in Shanghai by the Shanghai International Arbitration Center in accordance with its arbitration rules and procedures, and the official language of the arbitration shall be Chinese.
35	<p>Buyer notification address: Shanghai Academy of Environmental Sciences</p> <p>Seller notification address:</p>
36	The title of the reciprocal agreement is "The People ' s Republic of China and_____The Government ' s Agreement on the Avoidance of Double Taxation and the Prevention of Tax Evasion on Income and Property Taxes"

## Section 8. Schedule of Requirements and Technical Specifications

The clauses marked with "\*" are key clauses, and any deviation from the clauses marked with "\*" by the bidder will result in a rejection.

### 1. System composition

1 set of rapid measurement system for secondary pollution potential of active organic compounds, including:

1. 1 set of mobile photochemical simulation system
2. 2 sets of gaseous nitrous acid analysis system
3. 1 set of nitrogen oxide analysis system
4. 1 set of fine particle size measurement system

### 2. Technical requirements

#### 1. Requirements for working conditions

1.4 Power supply:  $230V \pm 10\%$ , AC (alternating current), 50/60Hz

1.5 Ambient temperature: 20-25°C

1.6 Relative humidity: 40-80%

#### 2. Mobile Photochemical Simulation System

2.1 Function: It can be flexibly installed in the navigation research platform or laboratory to carry out atmospheric photochemical secondary pollution potential measurement;

2.2 System composition: 1 set of reaction chamber, lifting system, gas distribution system and software control system

2.3 Installation site: Shanghai Environmental Science Research Institute secondary pollution mobile measurement platform, container structure, the top opening size is 2.2 meters \* 1.6 meters, and the inner height is 2.4 meters.

#### 2.4 Reaction chamber:

2.4.1 The volume of the reaction chamber: the bottom area is not more than 2.1 meters \* 1.5 meters, the volume is not less than 3 cubic meters,

2.4.2 The humidity of the reaction chamber: the controllable range is not less than 5%-80%, the accuracy is  $\pm 5\%$ , and it is controlled by gas distribution;

2.4.3 Material of reaction chamber: Teflon film, thickness  $\geq 100 \mu\text{m}$ , transmittance of ultraviolet and visible light with wavelength above 300 nm over 90%, welding strength  $> 200\text{pa}$ ; a turbulence device is installed in the reactor, and the strength is adjustable;

2.4.4 The structure of the reaction chamber: it is conducive to the overall hoisting or moving of the reaction chamber, and the accessories required for hoisting are

installed;

2.4.5 Sampling interface of reaction chamber: concentrated at the bottom of the reaction chamber, in addition to the gas distribution and exhaust ports, there are no less than 10 gas sampling ports (Teflon straight tube, 6 of 6.35mm outer diameter, 2 of 12.7mm outer diameter) ), no less than 6 particle sampling interfaces (316L stainless steel straight pipe, 4 6.35mm outer diameter, 2 9.53mm outer diameter)

2.4.6 With special exhaust valve and fan;

2.5 Lifting system:

2.5.1 Lifting principle: electronically controlled hydraulic lifting

2.5.2 Lifting height: The reaction chamber can be completely lifted to the top of the container when raised, and the reaction chamber can be fully accommodated in the container when lowered

2.5.3 Load-bearing requirements: In addition to the reaction chamber, the additional load-bearing capacity is not less than 300 kg, and the total load-bearing capacity is not less than 1000 kg

2.6 Gas distribution system

2.6.1 Composition: gas distribution components, zero gas generator, ozone generator, humidifier, etc.;

2.6.2 Gas distribution components: contains no less than 6 mass flow controllers, of which 2 are used for zero gas or nitrogen, and 4 are used for standard gas configuration; with expansion interfaces, it can be temporarily extended to 8 mass flow controllers ;

2.6.3 Zero gas generator: the maximum output flow is  $\geq 100$  L/min, the output pressure can be adjusted between 0-7Bar, SO<sub>2</sub>, NO<sub>x</sub><1ppb, CO<5 ppb in the output gas, dew point<-50 degrees Celsius, and with There is a particle remover;

2.6.4 Ozone generator: it can generate ozone quantitatively, so that the ozone concentration in the reaction chamber can reach 500ppb within 30 minutes;

2.6.5 Sensor: equipped with high-precision temperature, relative humidity and pressure sensors;

2.7 Software Control System

2.7.1 Control module: control gas flow and feed switching, monitor temperature and humidity, pressure and differential pressure changes, and perform operations such as air supply and cleaning to the reaction chamber according to user settings.

2.7.2 Data storage module: read and save the data of the equipment equipped in the simulation system in real time. The communication protocols that can be connected

include at least TCP/IP, RS232 and Modbus, and the total connection is not less than 16 channels, and the temperature of the reaction chamber and the gas flow rate are saved. , pressure and other data and curves.

2.7.3 Real-time transmission module: The collected data can be sent to the receiving server designated by the user through the 4G/5G network.

2.7.4 Industrial computer: no fan, 24V DC power supply, anti-vibration performance, installed with genuine windows system

2.7.5 Processor for data presentation: no less than 2 mainstream blades, including 1 blade chassis

### 3. Gaseous Nitrous Acid Analysis System

\*3.1 Measurement principle: two-channel long-light path absorption spectrometry (WLPAP), using non-corrosive solution as absorption

3.2 Range: 0ppm-2ppm

\*3.3 Detection limit: better than 2 ppt;

3.4 Measurement time resolution: 1-5min

3.5 Indication error:  $\leq 5\%$

3.6 Sampling system: The flow rate is adjustable between 0.01-10 l/min, with an external sampling tube constant temperature system

3.7 Light source: wavelength range 85-800nm, adjustable driving current;

3.8 Spectral measurement module: wavelength range 220-860 nm; resolution:  $< 0.5\text{nm}$ ; detector type is CCD line array;

The integration time can be adjusted by itself;

3.9 Long optical path fiber cell: optical path not less than 100cm; maximum pressure not less than 100psi; can withstand most organic and inorganic solvents

3.10 Calibration mode: standard solution calibration mode: use nitrite standard for calibration; with automatic calibration mode, it can be calibrated with zero air every day;

3.11 Equipped with automatic de-bubble device;

3.12 Equipped with an alarm protection system for excessive liquid level;

3.13 Control software: real-time output of HONO concentration, and can query historical spectrum, the software can freely switch between low-range and high-range models according to the actual detected concentration; (provide a screenshot of the software interface)

3.14 System composition: 2 sets of analyzer host, spiral tube absorption device, industrial computer and control software, constant temperature circulating water

bath, and 6 months of normal use consumables (each set).

#### 4. Nitrogen oxide analysis system

4.1 Measurement principle: chemical fluorescence method;

4.2 Range: 0-1000 ppb, adjustable;

4.3 Zero noise: better than 30ppt (RMS) at 2 minutes measurement time resolution

\*4.4 Detection limit: better than 60 ppt (RMS)

4.5 Response time:  $\leq 90$  seconds (60 seconds time resolution)

4.6 Accuracy:  $\pm 0.4$  ppb (under 500ppb range)

4.7 Linearity:  $\pm 1\%$  of full scale

4.8 Sampling flow: 1 liter per minute

4.9 Data output: analog output, RS232/485, TCP/IP

#### 5. Fine particle size measurement system

5.1 Measurement principle: Real-time, online analysis of the number concentration and particle size distribution of particles and ions in the air based on the electric mobility classification combined with the electrometer counting method;

\*5.2 Particle size range: 0.8-40nm, particle size range is not less than 2-40nm, ion particle size range is not less than 0.8-40nm;

5.3 Sampling flow:  $\leq 54$  L/min;

5.4 Number of Electrometers: 50

5.5 Time resolution: 1Hz measurement can be achieved;

5.6 Particle size resolution: the mobility range is not less than  $0.0010 \text{ cm}^2\text{v}^{-2}\text{s}^{-1}$ ;

5.7 Detection range of aerosol concentration: not less than  $1 \times 10^7 / \text{cm}^3$ ;

5.8 The software can control the state of charge of particulate matter, which can reduce the influence of the reduced charging efficiency due to the contamination of the corona charging needle;

5.9 Have a data collection control unit to ensure the long-term unmanned operation of the equipment;

5.10 The instrument has a good shock absorption system, which is suitable for particle size analysis of airborne particles in the vehicle;

5.11 Spare parts: at least 6 corona needles.

#### 3. After-sales service

1. The whole machine is guaranteed for one year free of charge.

2. 5 to 10 working days after the instrument arrives, the maintenance engineer will install and debug it according to the customer's needs, and provide the user with the instrument operation training on site.

3. After the acceptance of the instrument, two free training places will be provided. The training content is the use and maintenance of the instrument, working principle, basic operation, method establishment and application.

Fourth, the main terms of the contract

1. Contract type:

Bidding for sale and purchase contracts.

2. Pricing method:

lump sum contract

3.1 Title of subject: Rapid measurement system for secondary pollution potential of active organic compounds

3.2 Quantity: 1 set

3.3 Quality: meet the functional and technical requirements proposed by the tender

3.4 Performance time: domestic supply products: delivery within 3 months from the date of signing the contract; overseas supply products: within 3 months after the contract is signed and tax exemption is completed.

3.5 Location and method: Quotation method for overseas supply: CIP (final destination: Shanghai Institute of Environmental Sciences), including domestic transportation, insurance and related costs associated with the delivery of the goods.

3.6 Packing method: Packed in a sturdy heat-treated wooden box or non-wooden material, suitable for long-distance transportation, moisture-proof, shock-proof, and resistant to climate change.

3.7 Price: subject to the winning bid price

3.8 Payment schedule and payment method:

For overseas successful bidders:

(1) Within 30 days after the signing of the contract, the import agent shall issue an irrevocable letter of credit at sight for 60% of the contract amount. Accepted on the following conditions:

(a) A performance bond of 5% of the total contract price (or to issue a performance bond of 5% of the total contract price).

(b) After 100% of all goods described in the contract have been shipped, accept the amount under the letter of credit against the full set of delivery documents specified in the contract.

(2) The final payment (40% of the total contract price) shall be paid with the following T/T documents within 10 working days after the acceptance of the goods:

- (a) a commercial invoice for 40% of the contract value;
- (b) Acceptance certificate signed by the buyer and seller;
- (3) The performance bond is valid until the final installation, commissioning and acceptance of the contract goods. The payee of the performance bond is the import agent, and the bond will be returned by the import agent after the performance is over.

For domestic successful bidders:

After the contract is signed, the seller pays 5% of the performance bond (or letter of guarantee) of the contract value, the buyer pays 60% of the contract value, and the buyer pays 40% after the acceptance of the goods, and refunds 5% of the performance bond.

### 3.9 Acceptance criteria and methods

Acceptance criteria: Acceptance according to the technical indicators of the bidding documents, bidding documents and commitments, and contract standards

Acceptance method: arrival acceptance and installation and commissioning acceptance

### 3.10 Warranty Period

The warranty period is 1 year from the date of acceptance. If there are corresponding requirements in the technical parameters, the technical parameters shall prevail.

### 3.11 Liability for breach of contract and dispute resolution

Claim:

Within 90 days of the arrival of the goods at the port of destination, if the quality, specification or/and quantity of the goods are found to be inconsistent with the contract, the buyer shall have the right to present the inspection certificate issued by the China Commodity Inspection Bureau, except for those who are responsible for the insurance company or airline. Claiming for replacement or compensation from the seller, all expenses incurred therefrom (including inspection fees, return and exchange freight charges, insurance fees, storage fees and loading and unloading fees) are the responsibility of the seller, but the agent importer must provide the buyer with corresponding cooperation and assistance, including but not limited to taking legal measures such as litigation/arbitration against the seller directly on behalf of the importer on behalf of the importer due to the relativity of the contract.

Late delivery penalty:

If the seller fails to deliver the goods within the time stipulated in the contract, the buyer has the right to choose whether to agree to delay the delivery if the seller

agrees to pay the fine, except for the delayed delivery caused by force majeure or the buyer's reasons (except the seller's breach of contract in advance). . If the delay in delivery exceeds 2 weeks, the buyer has the right to unilaterally request the import agent to terminate the contract, and the seller shall pay the buyer the economic loss caused by it in addition to paying the buyer 20% of the total contract amount as liquidated damages ( Including but not limited to the buyer's input, expected benefits, compensation paid by the buyer to others, liquidated damages, fines paid to the administrative department, various expenses paid by the buyer on behalf of the seller or import agent, the buyer's reputation loss, court litigation costs , arbitration acceptance fees, investigation and evidence collection fees, travel expenses, evaluation fees, appraisal fees, audit fees, various preservation fees and attorney fees, etc.) If the import agent causes the overdue delivery of the goods, it shall be liable to the buyer for breach of contract in accordance with the provisions of this clause.

If the seller or the import agent violates any of the provisions of this contract, terminates the contract early, is revoked, declares bankruptcy or liquidation, or fails to fully and properly perform the contract terms for other reasons, it shall be regarded as a serious breach of contract, and shall be liable to the buyer in accordance with the above provisions. Liability for breach of contract.

Product inspection:

After the goods arrive at the destination port, the import agent has the right to apply to the China Commodity Inspection Bureau (hereinafter referred to as the Commodity Inspection Bureau) to inspect the quality, specification and quantity of the goods. If the specification or quantity of the goods is found to be inconsistent with the contract, in addition to the responsibility of the insurance company or the shipping company, the import agent has the right to refuse to accept the goods with the inspection certificate issued by the Commodity Inspection Bureau within 90 days after the goods arrive at the destination port for unloading or claim against the seller.

To resolve disputes:

All disputes arising from the execution of the contract shall be resolved through friendly negotiation between the two parties. If the two parties cannot resolve the dispute through negotiation, the dispute shall be submitted to the Shanghai International Economic and Trade Arbitration Commission located in Shanghai, China for arbitration in accordance with the arbitration procedures of the arbitration

commission. The place of arbitration shall be Shanghai, and the language of arbitration shall be Chinese. The award of the Arbitration Commission shall be binding on both parties to the contract. Arbitration costs shall be borne by the losing party.

#### 4.\* Quotation request

4.1 The bidder's quotation must include the accompanying fees for the import process, including but not limited to: foreign trade agency service fees, commodity inspection and customs clearance, certificate issuance, bank fees, transportation and miscellaneous fees and other costs for all goods to Shanghai Institute of Environmental Sciences. All bidders participating in the bidding of this project are acquiesced in accepting this clause. If the bidder does not accept this clause in the bidding documents, it will be treated as an invalid bid.

4.2 In the contract execution stage after winning the bid, if the final contract execution price exceeds the maximum bid price due to exchange rate fluctuations and other reasons, the settlement shall be made according to the highest bid ceiling price. The risks arising from exchange rate fluctuations shall be borne by the successful bidder. No one shall use this as an excuse to exempt foreign trade agency service providers from the obligation to pay this part of the fee. All bidders participating in the bidding of this project are acquiesced in accepting this clause. If the bidder does not accept this clause in the bidding documents, it will be treated as an invalid bid.

4.3 The tenderee has identified the foreign trade agency service provider who will handle import tax exemption and import formalities for it through bidding. If the imported equipment under the project needs to go through import tax exemption and import procedures, the winning bidder must cooperate with the foreign trade agency service provider designated by the tenderee to go through relevant procedures and services, and bear the expenses mentioned in the above 4.1 and 4.2. All responsibilities and consequences arising therefrom shall be borne by the successful bidder. The foreign trade agency service fee rate is based on the foreign trade agency rate agreed in the "Import Entrustment Agency Agreement" signed by the tenderee and its designated foreign trade agency service provider, that is, 1% of the total import contract value, with a minimum of 2,000 yuan per ticket. Various incidental expenses (including but not limited to: bank charges, commodity inspection and customs clearance, certificate issuance, transportation and miscellaneous fees, etc.) incurred during the import process shall be settled by the successful bidder and

the foreign trade agency service provider designated by the bidder according to the actual expenses. L/C Bank charges for issuing L/C are calculated at 0.3% of the total value of imported goods.

#### 5. Packaging requirements standard

If it involves commodity packaging or express packaging, the packaging of the bidding products shall comply with the "Government Procurement Demand Standards for Commodity Packaging (Trial Implementation)" issued by the State Post Bureau Office of the General Office of the Ministry of Finance, Ecological Environment Department, and the "Government Procurement Demand Standards for Express Packaging (Trial Implementation). )> notification" (Cai Ban Ku [2020] No. 123).

### Bidding documents index table of contents

project name: Rapid measurement system for secondary pollution potential of active organic compounds  
(heavy)

Bid No.: 1069-224Z20222421

file type	Serial No.	file name	Submission		Page range	Remarks
			yes	no		
<b>bidding documents</b>	1.	List of bid openings (for the format, see Format IV-2 of Volume II of the Bidding Documents)				
	2.	Bid Sub-item Quotation Form (Bid for supply within the border area) (For the format, please refer to the format IV-3-1 of Volume I of the Bidding Document)				
	3.	Bid sub-item quotation form (for bids for overseas supply) (for the format, please refer to the format IV-3-2 of Volume 1 of the Bidding Documents)				
<b>Business documents</b>	4.	Bid (for the format, please refer to the second volume of the bidding documents, format IV-1)				
	5.	Copies of supplier qualification documents (such as business license, legal person registration certificate, etc.)				
	6.	Authorization letter of the person in charge of the unit (for the format, please refer to the format IV-8 of Chapter 4 of Volume One of the Bidding Documents)				
	7.	Qualification Statement (For the format, please refer to the format IV-9-1 of Chapter 4 of Volume One of the Bidding Documents)				
	8.	Manufacturer's qualification declaration (for the format, please refer to the format IV-9-2, Chapter 4, Volume I of the Bidding Documents)				
	9.	Qualification of the trading company (as an agent) (for the format, please refer to the format IV-9-3 in Chapter 4 of Volume One of the Bidding Documents)				
	10.	Authorization letter issued by the manufacturer/general agent (for the format, please refer to the format IV-9-4 in Chapter 4 of Volume One of the Bidding Documents)				
	11.	Certificate (attach the original credit certificate issued by the bidder's account bank within three months before the bid opening date or a copy of the original) (see format IV-9-5 in Chapter 4 of the Bidding Documents for the format) (if it is a consortium, it must be provided to the consortium parties)				
	12.	Screenshots of websites of untrustworthy persons subject to enforcement and untrustworthy subjects with major tax violations that have not been listed on the "Credit China" website (www.creditchina.gov.cn) designated by the Ministry of Finance three years before the deadline for bidding (if it is a consortium, a joint parties)				

	13.	Screenshots of websites that have not been included in the "China Government Procurement Network" (www.ccgp.gov.cn) list of serious illegal and dishonest acts in government procurement three years before the deadline for bidding (if it is a consortium, all parties to the consortium must be provided)				
	14.	Business clause response/deviation form [important clauses marked with an asterisk ("*")] format (see format IV-6-1 of Volume II of Bidding Documents for the format)				
	15.	Business clause response/deviation form [except for the important clauses marked with an asterisk ("*")] format (see the format IV-6-2 of Volume II of the Bidding Document for the format)				
	16.	Bid bond bank guarantee (see format IV-7 in Chapter 4 of Volume 1 of the Bidding Documents) or a copy of the proof of bid bond submission (if it is a consortium, all parties to the consortium must be provided)				
	17.	Supplier Written Statement (Form IV-10) (if it is a consortium, the consortium parties must be provided)				
	18.	Bid bond payment and refund voucher (see the format IV-11 of Volume II of the Bidding Documents for the format)				
	19.	Joint agreement (see format IV-12 in the second volume of the bidding documents) (if it is a joint bid, it must be provided)				
<b>Technical documents</b>	20.	List of goods description (attached with technical support materials) (For the format, please refer to the format IV-4 of Chapter 4 of Volume One of the Bidding Documents)				
	21.	Technical specification response/deviation form [important clauses marked with an asterisk ("*")] format (see the format IV-5-1 of Volume II of the Bidding Document for the format)				
	22.	Technical specification response/deviation form [except for the important terms marked with an asterisk ("*")] format (see format IV-5-2 of Volume II of the Bidding Document for the format)				

This form should be placed on the first page of the tender documents