

机电产品国际招标 招标文件

International Tender for Electromechanical Products Tender Documents

(第二册)

(Volume II)

招标编号/ Tender Reference: 1447-264040247T31

项目名称/Project name: 上海理工大学骨科生物图像仪
/University of Shanghai for Science and Technology and Bone
Biology Research System

货物名称/ Subject matter: 骨科生物图像仪
/Bone Biology Research System

招标人名称: 上海理工大学

Tenderee: University of Shanghai for Science and Technology

招 标 代 理: 上海健生教育配置招标有限公司

Tendering Agency: Shanghai Jiansheng Educ. Equip Tender Co Ltd.

2026年5月/May 2026

第五章 投标邀请

Section 5. Invitation for Bids

上海健生教育配置招标有限公司（以下简称：招标机构）受上海理工大学（以下简称：招标人）委托，对下述货物进行国际公开竞争性招标，我们竭诚欢迎合格投标人参加投标。

Shanghai Jiansheng Educ. Equip. Tender Co., Ltd. (hereinafter referred to as “Tendering Agency”) is entrusted by University of Shanghai for Science and Technology (hereinafter referred to as “Tenderee”) to conduct international open competitive bidding for the following goods. We sincerely welcome qualified bidders to participate in the bidding.

1、招标条件 / Bidding Conditions

项目概况/Project Overview: 上海理工大学拟采购骨科生物图像仪。/Shanghai University of Technology intends to purchase an orthopedic biometer 现招标人资金已到位，具备了招标条件。/ The tenderee's funds are now in place and the tendering conditions are mature.

2、招标内容/ Tendering object

招标编号/ Tender Reference: 1447-264040247T31

采购预算/Procurement budget: 1000000.00元/CNY1000000.00

最高投标限价/Maximum bidding price limit: 981800.00元/CNY981800.00

招标项目名称: 上海理工大学骨科生物图像仪/Bidding project name: University of Shanghai for Science and Technology and Bone Biology Research System

项目实施地点: 上海理工大学校园内。

/Place of Implementation: Within the campus of Shanghai University of Technology

招标产品清单 / List of Products:

序号 /NO.	货物名称 /Name of the goods	数量 /Quantity	简要技术规格 /Main Technical Data	* 交货期 / Delivery schedule
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1	骨科生物图像仪 /Bone Biology Research System	1 套/1 set	详见第八章技术需求 /Please refer to Chapter 8 Technical Requirements for details	合同签订办好免表后 60 天内 /Within 60 days after the contract is signed and the exemption form is processed
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3、投标人资格要求 /Qualification Requirements For Bidder:

1)投标人在中华人民共和国境内外注册且具有独立的法人资格，能提供上述产品及相应服务的代理商或生产厂家；

2)必须提供所投产品的生产商针对本次招标项目出具的独家授权书；

3)具有招标文件中所需设备的供货和售后服务的能力；

4)应当提供在开标日前 3 个月内由其开立基本账户的银行开具的银行资信证明的原件或复印件；

5) 中国关境外之货物：其投标货币即为合同项下的签约及支付货币，该投标人必须是具有进出口货物代理资质或注册地在境外的企业，投标人须能够直接与学校委托的外贸代理公司签订外贸合同；

6) 投标人在投标前需在机电产品招标投标电子交易平台上完成注册及信息核验。

7) 最高投标限价：上海理工大学骨科生物图像仪人民币 981800.00 元。

投标报价若高于本项目控制价的视为废标。

/1) the bidder registered within the territory of the People's Republic of China or oversea and has independent legal person qualification, can provide the products and corresponding service agents or manufacturers;

/2) must provide the cast product exclusive authorization letter issued by the producer for the project subject to tender;

/3) with the supply of equipment required in the tender documents and the ability to after-sales service;

/4) must provide the original or photocopy of the bank credit certificate issued by the bank which opened the basic account within three months before the bid opening date;

/5) The bidding currency of University of Shanghai for Science and Technology is the signing and payment currency under the contract. The bidder must have the qualification of import and export goods agency or be a registered enterprise overseas. The bidder must be able to directly sign foreign trade contracts with the foreign trade agency company entrusted by the university;

/6) Bidders need to complete registration and information verification on the electronic trading platform for bidding and tendering of mechanical and electrical products before bidding.

/7) the maximum bid limit for the project is CNY 981800.00.

/If the bid price of the project is higher than the project, it is regarded as a scrap.

4、本次招标不接受联合体投标。/ This tender does not accept joint bids.

5、招标文件的获取 / Acquisition of Bidding Documents

招标文件购买时间：2026年5月27日至2026年6月5日，每天（节假日除外）9时至11时，13时至16时（北京时间）

/Time of Selling Bidding Documents: from 2026-5-27 to 2026-6-5, the deadline at working time 9:00-11:00,13:00-16:00 (Beijing Time).

招标文件发售地点：上海市瞿溪路350号1楼（上海健生教育配置招标有限公司）

Location for the sale of bidding documents: Floor 1, NO. 350 Quxi Road(Shanghai Jiansheng Educ. Equip. Tender Co., Ltd.)

招标文件售价：单份售价：600元人民币，或68美元，售后不退。

/Price of bidding documents: 600 yuan, or 68 US dollars / one set, not refundable after sale.

其他说明：

报名需将以下清晰的材料发送至 723790611@qq.com 邮箱：1) 营业执照（或事业单位、社会团体法人证书）原件扫描件；2) 报名信息（准确的单位名称、纳税人登记号、联系人姓名、手机）；3) 转账凭证（收款单位：上海健生教育配置招标有限公司；开户银行：交通银行西藏南路支行；帐号：310066564018150027780，转账注明：“JSZB26040247-T31 标书费”）。

6、投标文件的递交 / Bid Submission

投标截止时间/开标时间：2026年6月17日 10:00am（北京时间）

/Deadline for Bids Submitting /Time of Bid Opening: 2026-6-17 10:00am (Beijing Time)

投标文件送达地点：上海市瞿溪路350号1楼

/ Place of delivery of bidding documents: /Floor 1, NO. 350 Quxi Road, Shanghai

开标地点：上海市瞿溪路350号1楼

/Place of Bid Opening: /Floor 1, NO. 350 Quxi Road, Shanghai

7、联系方式 / Contact Details

招标人名称：上海理工大学

/Name of Tenderee : University of Shanghai for Science and Technology

招标人地址：上海市杨浦区军工路516号

/Address : No. 516, Jungong Road, Yangpu District, Shanghai

联系人/Attention: 龚老师/Teacher Gong

电话/Tel: 021-55272602

招标机构名称: 上海健生教育配置招标有限公司

/Name of the Tendering Agency: Shanghai Jiansheng Educ. Equip Tender Co Ltd.

地址: 上海市瞿溪路350号1楼

/Address: Floor 1, NO. 350 Quxi Road, Shanghai

邮政编码/ Postcode: 200011

联系人: 屠佳名

/Attention: Jiaming Tu

电话/Tel: 86-21-53087656-115

传真/Fax: 86-21-53072161

电子信箱/ E-mail:723790611@qq.com

8、汇款方式 / Remittance Approach

收款人名称: 上海健生教育配置招标有限公司

/Name of payee : Shanghai Jiansheng Educ. Equip. Tender Co., Ltd.

收款人地址: 上海市瞿溪路350号1楼

/Payee's address: Floor 1, NO. 350 Quxi Road, Shanghai

帐号/account No.: 3100 6656 4018 1500 2778 0 SWIFTCODE: BOSH CNSH

开户行名称: 交通银行西藏南路支行/Bank of deposit: Bank of Communications Xizang South Road

Branch

以下帐号仅用于支付除人民币以外的外汇费用（包括招标文件费用、保证金及服务费）：

开户名: 上海健生教育配置招标有限公司

开户银行: 交通银行闸北支行

账号: 310066441141000001909

银行国际代码: COMMCNSHSHI

/The following account is solely used for payment of foreign exchange expenses (including bidding

document fees, deposits, and service fees) other than CNY:

Account Name: Shanghai Jiansheng Education Equipment Tender co., Lto

Bank of Account: Bank of Communications Zhabei Sub-branch

Account No: 310066441141000001909

Swift Code: COMMCNSHSHI

注:

一, 为提高效率, 鼓励投标单位用“网银转账、贷记凭证或电汇”的支付方式

二, 请务必分笔支付“标书费, 保证金, 中标服务费”

三, 在汇款附言中请务必注明: “ 招标编号 + 用途 ”

(示例: 1447-264040247T31 标书费)

(示例: 1447-264040247T31 保证金)

(示例: 1447-264040247T31 中标服务费)

/Note:

First, in order to improve efficiency, bidders are encouraged to use the payment method of “online banking transfer, credit memo or wire transfer” .

Second, please be sure to pay the "tender fee, Bidbond) , Service fee for winning the tender"

Third, in the remittance postscript, please be sure to specify: "bid number + Purpose"

(Example: 1447-264040247T31 tender fee)

(Example: 1447-264040247T31 Bidbond)

(Example: 1447-264040247T31 Service fee for winning the tender)

第六章 投标资料表

Section 6. Tender Information Sheet

本章关于要采购的货物的具体资料是对“第一章投标人须知”的具体补充或修改,如有矛盾应以本投标资料表为准。

/ The specific information in this section regarding the goods to be procured complements or modifies the "Instructions to Bidders" in Section 1. In case of any contradictions, this tender information sheet shall prevail.

条款号/Clause number	内 容/Content
1.2	<p>招标人名称: 上海理工大学 /Name of Tenderee : University of Shanghai for Science and Technology 招标人地址: 上海市杨浦区军工路516号 /Address : No. 516, Jungong Road, Yangpu District, Shanghai 联系人/Attention: 龚老师/Teacher Gong 电话/Tel: 021-55272602</p> <p>招标机构名称: 上海健生教育配置招标有限公司 / Name of the Tendering Agency : Shanghai Jiansheng Educ.Equip Tender Co Ltd. 招标机构地址: 上海市瞿溪路350号1楼 /Address : Floor 1, NO. 350 Quxi Road, Shanghai, China 邮政编码/ Postcode: 200011 联系人/Attention:/屠佳名/Jiaming Tu 电话/Tel: 86-21-53087656-115 传真/Fax: 86-21-53072161 电子信箱/ E-mail:723790611@qq.com</p>

1.3	<p>项目概况/Project Overview：上海理工大学拟采购骨科生物图像仪 /University of Shanghai for Science and Technology plans to purchase University of Shanghai for Science and Technology and Bone Biology Research System</p> <p>资金性质/Funds：财政资金/ Government funding;</p>
6.1	<p>潜在投标人对招标文件如要求澄清，请在投标截止时间前十日以书面形式一次性发给招标机构，发 E-mail（Word 版）至： <u>zhaobiao@mail.jiansheng.com</u>。</p> <p>/ Any bidder requiring clarification of the bidding documents must notify the Tendering Agency at least ten days before the Deadline for Submitting Bids via email (in Word format) to: zhaobiao@mail.jiansheng.com.</p>
8.1	<p>投标语言：中文 / Language of Bid: Chinese</p>
*10.3	<p>本项目只允许投标人提供一个投标方案，否则，其投标将被否决。/ This project allows only one bid proposal per bidder; otherwise, the bid will be rejected.</p>
11.2	<p>本次招标允许的缺漏项比重为投标总价的5%。如有缺漏项，以其它有效标中该项的最高价为计算依据。/ The proportion of missing items allowed is 5% of the total bid price.</p> <p>If any missing, the highest price of the same item in other effective tenders will be calculated on the basis.</p>
*11.4	<p>中华人民共和国关境外提供的货物投标货币：美元、欧元或其他国际流通货币；如投标方可用人民币结算，也可以用人民币报价。但投标方必需提供境外银行的人民币结算帐户并能提供12位联行号码。境外账号名称与投标方不一致或不提供12位联行号码，招标人将不予办理该投标产品的海关免税。/The bidding currency for goods provided outside the customs territory of the People's Republic of China: US dollars, euros, or other internationally circulated currencies; If the bidder can settle in CNY, they can also quote in CNY. But the bidder must provide a CNY settlement account with an overseas bank and be able to provide a 12 digit interbank</p>

	<p>number. If the overseas account name is inconsistent with the bidder's or the 12 digit interbank number is not provided, the tenderee will not apply for customs exemption for the bidding product.</p> <p>本次招标不接受选择性报价。/Alternative bid is not permitted.</p> <p>本次招标不接受附加条件的报价。/Bid price with additional condition will not be accepted.</p>
11.5	<p>最高投标限价：上海理工大学骨科生物图像仪人民币 981800.00 元。 /Maximum bidding price limit: University of Shanghai for Science and Technology and Bone Biology Research System costs CNY 981800.00.</p> <p>备注：/remarks:</p> <p>（1）请注意最高投标限价包括由国内外各级政府部门向投标方及其分包商征收的所有与本招标文件项目相关的税费（尤其是投标货物若原产地为美国请特别注意，并在投标一览表中注明货物相关的 HS code，以及根据 2018 年国务院关税税则委员会第 5 号、6 号、7 号公告及税委会公告 2024 年第 12 号、2026 年第 6 号公布的调整对原产于美国的进口商品加征关税）以及因中美经贸关系导致可能发生的惩罚税。）该税费包括但不限于关税、增值税、消费税及其他可能适用的特别关税，如惩罚性关税、反倾销税等。最高投标限价不因政府调整税率而重新计算，政府调整税率导致的任何成本变化，包括但不限于进口环节税或其他相关税费，均由投标方承担。最高投标限价招标方尽力使投标方在最大程度上享受项目所在国可适用投标方的税收减免、补贴或优惠政策。投标方应提交证明文件，证明其拟供的合同项下的货物的合格性符合招标文件规定，货物合格性的证明文件应包括投标分项报价表中对货物的说明，并由装运货物时出具的原产地证书证实。</p> <p>/Please note that the maximum bid price includes all taxes and fees levied by domestic and foreign government authorities at all levels on the bidder and its subcontractors related to the project under this tender document (special attention should be paid if the bid goods originate from the United States, and the relevant HS code for the goods must be indicated in the bid summary table, along with the additional tariffs imposed on imports</p>

originating from the U.S. as per Announcements No. 5, 6, and 7 of 2018 by the Customs Tariff Commission of the State Council, as well as Announcement No. 12 of 2024 and No. 6 of 2026 regarding tariff adjustments, and any potential punitive tariffs arising from China-U.S. economic and trade relations). These taxes and fees include, but are not limited to, customs duties, value-added tax, consumption tax, and other applicable special tariffs, such as punitive tariffs and anti-dumping duties. The maximum bid price will not be recalculated due to government adjustments in tax rates. Any cost changes resulting from government tax rate adjustments, including but not limited to import-related taxes or other applicable fees, shall be borne by the bidder.

The tendering party will make every effort to ensure that the bidder enjoys, to the greatest extent possible, any applicable tax exemptions, subsidies, or preferential policies available in the project's host country. The bidder must submit supporting documents proving that the goods to be supplied under the contract meet the eligibility requirements specified in the tender documents. The proof of eligibility for the goods shall include a description of the goods in the itemized bid quotation table and be substantiated by the certificate of origin issued at the time of shipment.

(2) 投标方应详细了解并遵循相关关税法规，确保报价的准确性和完整性。合同价格应考虑中标方投标前项目所在国的现行税费，如果在合同履行过程中发生任何税率变动、引入新的税费，或任何税费的解释或适用发生了任何变化，不构成报价变更理由或不可抗力因素。

/The bidder shall thoroughly understand and comply with relevant customs regulations to ensure the accuracy and completeness of the quotation. The contract price shall be based on the current taxes and fees applicable in the project's host country at the time of bidding. Any changes in tax rates, the introduction of new taxes or fees, or any modifications in the interpretation or application of taxes during contract execution shall not constitute grounds for price adjustment or be considered a force majeure event.

(3) 本项目预算包含以下二部分: /The budget for this project includes the following two parts:

① 进口合同的执行费用, 不包含进口关税、增值税及其他可能适用的特别关税。其费用如下:

/The execution costs of the import contract do not include import duties, value-added tax (VAT), or any other applicable special tariffs (such as punitive tariffs or anti-dumping duties). The costs are as follows:

合同金额: 100 万以下(含 100 万)为 3%左右; /Contract amount: Less than 1 million (including 1 million) accounts for about 3%;

合同金额: 100 万以上为 2%左右。/Contract amount: More than 1 million is about 2%.

最终由学校委托的外贸代理公司实际结算。/The final settlement will be made by the foreign trade agency commissioned by the school.

② 货款: 按合同金额 x 预估汇率。/payment for goods: Multiply the contract amount by the estimated exchange rate.

预估汇率=货期+1 个月的远期汇率报价/The estimated exchange rate is equal to the delivery time plus one month's forward exchange rate quotation

(4) 报价也可报: 到达上海港(机场)或校方所在地的人民币报价(免税), 但投标方必须具备以下 2 点:

/The quotation can also be provided as follows: CNY quotation (tax-free) upon arrival at Shanghai Port (airport) or the location of the school, But the bidder must possess the following two points:

1) .投标人或受益人的银行账户必须开通跨境人民币业务交易, 并提供跨境贸易人民币结算的账号。

/The bank account of the bidder or beneficiary must be opened for cross-border CNY business transactions and provide an account for CNY settlement of cross-border trade.

2) .投标人或受益人的开户行必须提供中国人民银行出具的 12 位联行号码(英文缩写: CNAPS)。

/The opening bank of the bidder or beneficiary must provide a 12 digit

	<p>inter-bank number issued by the People's Bank of China (English abbreviation: CNAPS).</p> <p>境外账号名称与投标方不一致或不提供 12 位联行号码，招标人将可以不予办理该投标产品的海关免税。</p> <p>/If the overseas account name is inconsistent with the bidder's or the 12 digit interbank number is not provided, the tenderer may not apply for customs exemption for the bidding product.</p>
11.6.1	<p>从中华人民共和国关境内提供的货物 /for goods offered within customs territory of PRC:</p> <p>1) 关境内制造的货物/ for manufactured Goods of the customs territory of PRC</p> <p>① *出厂价（包括主机和标准附件及质保期内的备品备件价格，并需单列所含的增值税和消费税（如有））/ EXW（Including the cost of the Basic Machine and Standard Accessories, spare parts during the warranty period, the Value Added Taxes and Consumption Taxes(if any) must be listed separately.）</p> <p>② 提供货物运至最终目的地的关境内运输、保险和伴随货物交运的有关费用；请单独报价并计入投标总价； / The Bidder shall provide the price of inland transportation, insurance, and other local costs incidental to delivery of the goods to their final destination. This price shall be listed separately and included in the Total Bid Price.</p> <p>③ 其他伴随服务费用：包括专用工具费、培训费、技术服务费及其他与执行本合同相关的伴随服务费。 / The price of other incidental services: including the cost of cost of special tools, cost of training, cost of technical service; other costs of incidental services related to implement the contract.</p> <p>④ 提供质保期满后运行 <u>1</u> 年所需的备品备件的清单和价格，请单独报价但不计入投标总价，并承诺该价格在质保期满后 <u>5</u> 年内不变。 / The bidder shall provide a list with price of the spare parts during <u>1</u> year after</p>

	<p>the warranty period according to Ex Works standard. This price shall be listed separately, but not be included in the Total Bid Price. The bidder shall commit that this price of the spare parts shall not change within <u>5</u> years after the warranty period.</p> <p>2) 投标截止时间前已经进口的货物/The goods has been imported before the deadline for submission of bids</p> <p>① *仓库交货价（包括主机和标准附件及质保期内的备品备件价格，并需单列所含的进口环节税、增值税、消费税（如有）和特别关税（如有）） / EX-Warehouse (including the price of the main engine, standard accessories, and spare parts within the warranty period, and including import taxes, value-added taxes, consumption taxes (if any), and special tariffs (if any) separately listed)</p> <p>② 提供货物运至最终目的地的关境内运输、保险和伴随货物交运的有关费用；请单独报价并计入投标总价； / The Bidder shall provide the price of inland transportation, insurance, and other local costs incidental to delivery of the goods to their final destination. This price shall be included in the Total Bid Price.</p> <p>③ 其他伴随服务费用：包括专用工具费、培训费、技术服务费及其他与执行本合同相关的伴随服务费。 / The price of other incidental services: including the cost of cost of special tools, cost of training, cost of technical service; other costs of incidental services related to implement the contract.</p> <p>④ 提供质保期满后运行 <u>1</u> 年所需的备品备件的清单和价格，请单独报价但不计入投标总价，并承诺该价格在质保期满后 <u>5</u> 年内不变。 / The bidder shall provide a list with price of the spare parts during <u>1</u> year after the warranty period according to Ex Works standard. This price shall be listed separately, but not be included in the Total Bid Price. The bidder shall commit that this price of the spare parts shall not change within <u>5</u> years after the warranty period.</p>
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<p>11.6.2</p>	<p>从中华人民共和国关境外提供的货物/ for goods offered from abroad :</p> <p>1) *上海理工大学骨科生物图像仪 (包括主机和标准附件及质保期内的备品备件价格)</p> <p>/ University of Shanghai for Science and Technology and Bone Biology Research System (including mainframe and standard accessories and spare parts prices during the warranty period)</p> <p>从中华人民共和国关境外提供的货物报价方式: CIP (上海理工大学指定地点)。</p> <p>/Quotation method for goods provided from outside the customs territory of the People's Republic of China: CIP (designated location of University of Shanghai for Science and Technology).</p> <p>2) 其他伴随服务费用: 包括专用工具费、培训费、技术服务费及其他与执行本合同相关的伴随服务费。/ The price of other incidental services: including the cost of cost of special tools, cost of training, cost of technical service; other costs of incidental services related to implement the contract.</p> <p>3) 提供货物从进口口岸运至最终目的地的关境内运输、保险和伴随货物交运的有关费用, 请单独报价并计入投标总价; / The Bidder shall provide the price of inland transportation, insurance, and other local costs incidental to delivery of the goods from the port to their final destination, This price shall be listed separately, and be included in the Total Bid Price.</p> <p>4) 货物的特别关税 (如惩罚性关税、反倾销税等) 需计入投标总价; /Special tariffs on the goods (such as punitive tariffs, anti-dumping duties, etc.) shall be included in the total bid price.</p> <p>5) 提供质保期满后运行 <u>1</u> 年所需的备品备件的清单和价格, 请单独报价但不计入投标总价, 并承诺该价格在质保期满后 <u>5</u> 年内不变。/ The bidder shall provide a list with price of the spare parts during <u>1</u> year after the warranty period according to Ex Works standard. This price shall be</p>
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	listed separately, but not be included in the Total Bid Price. The bidder shall commit that this price of the spare parts shall not change within <u>5</u> years after the warranty period.
12.1	投标货币（从中华人民共和国关境内提供的货物和服务）： <u>人民币含税报价</u> /Bid Currencies (for goods and services from within PRC) : CNY tax-included quotation
12.2	投标货币（从中华人民共和国关境外提供的货物和服务）： <u>美元、欧元或其他国际流通货币</u> / Bid Currencies (for goods and services from abroad) : USD、EUR or other international currencies in circulation
*13.1	本次招标不允许联合体投标。/ Joint Bids is not Available.
13.3	1) 业绩清单及合同复印件或用户的书面证明（ <u>业绩要求见第五章的“投标人资格要求”</u> ）； / A performance list and copy of the contract or the user written proof（Performance Requirements see the “Qualification Requirements For Bidder” in Section 5.）；
14.3	1) 货物从招标人验收后开始使用 <u>至质保期结束内</u> 正常、连续地使用所必须的备件和专用工具清单，包括备件和专用工具的货源及现行价格； / a list, giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing <u>functioning of the goods for the warranty period</u> , following commencement of the use of the goods by the Tenderee; 2) 技术支持资料的其他形式： <u>制造商网站最新发布资料打印件</u> 。 /Other Form of the supporting technical information : <u>Data printouts latest released by the Manufacturer's website.</u>
*15.1	投标保证金金额/ Bid Security: 人民币16000.00元/CNY 16000.00
*15.3	投标保证金货币、形式和有效期/Form and validity of the bid: (1) <u>投标保证金：人民币、美元、欧元或其他国际流通货币</u> 。/ The Bid Security : CNY、USD、EUR or other international currencies in

	<p>circulation.</p> <p>(2) 境外投标人：银行保函（由一家在中华人民共和国境内或境外信誉好的银行用招标文件提供的格式或招标机构接受的其它格式出具的银行保函或不可撤销的信用证）。</p> <p>境内投标人：可以采用银行保函、现金、支票、银行汇票、银行本票、贷记凭证、电汇或网上支付形式中的任何一种，但不接受承兑汇票。境内投标人如以现金、支票、银行汇票、银行本票、贷记凭证、电汇或网上支付形式提交的，应当从投标人的基本账户转出。投标人需在投标文件中提供基本账户的开户许可证复印件并加盖公章。</p> <p><i>/ The Bidders from abroad: A bank guarantee (issued by a reputable bank located in PRC or abroad, in the form provided in the bidding documents or another form acceptable to the Bidder).</i></p> <p><i>/ The Bidders within PRC: A bank guarantee, cash, check, bank drafts, cashier's check, certificate of credit, wire transfers, or online payment form; But does not accept the acceptances. The Bidders within PRC submitted in the form of cash, check, bank drafts, cashier's check, certificate of credit, wire transfers, or online payment; should be transferred from the basic account of the Bidder. The Bidder needs to provide the basic account opening permit a copy of the tender documents and official seal.</i></p> <p>(3) 投标保证金的有效性与投标有效期一致。 / The validity of the Bid Security consistent of the Period of Validity of Bids.</p> <p>(4) 投标保证金的交付凭证（银行保函、支票、银行汇票、银行本票、贷记凭证、电汇或网上支付的底单的复印件）需装订在投标文件中。 / The delivery certificate of the Bid Security (A copy of bank guarantee , check, bank drafts, cashier's check, certificate of credit, wire transfers, or online payment) to be bound in the tender documents.</p>
<p>*15.5</p> <p>*15.6</p>	<p>投标保证金的退还及利息/Discharged the Bid Security and interest:</p> <p>(1) 未中标的投标人的投标保证金，在招标机构发出《中标通知书》后 5 日内予以退还。</p> <p><i>/ Unsuccessful bidders' bid security will be discharged within five days after</i></p>

	<p>the Tendering</p> <p>Agent issue a Notification of Award to the Successful Bidder.</p> <p>(2) 中标人的投标保证金, 在中标人签订合同后的 5 日内予以退还。/ The successful Bidder's bid security will be discharged within five days upon the Bidder signing the contract.</p> <p>(3) 投标人的投标保证金采用银行保函形式递交的, 招标机构将原额退还, 不计利息。</p> <p>/ If the bidder's bid security is submitted in the form of a bank guarantee, the bidding agency will refund the original amount without interest.</p>
16.1	<p>投标有效期/Period of Validity of Bids:</p> <p>投标应自提交投标文件的截止之日起 <u>90</u> 日内保持有效。</p> <p>/ Bids shall remain valid for a period of 90 days from the closing date for submission of bid documents.</p>
17.1	<p>投标文件的份数/ number of Bidding documents: 正本 <u>1</u> 份, 副本 <u>4</u> 份</p> <p>/ One original and <u>four</u> copies.。</p> <p>投标人应提供投标文件全部内容的电子文档 <u>1</u> 份 (其中: 制造商资格申明、制造商授权函、分项报价表及报价清单文件须为单独的扫描件), 并密封在投标文件的正本内。/ The bidder shall prepare an electronic document sealed within the original bid, involving all contents of the bid (The Manufacturer's Qualification Statement, Letter of Authority from Manufacturer, Bid Schedule of Prices and list of Price must be Separate pieces of scanning) .</p>
17.2	<p>*投标文件的每一页都应由法定代表人或其授权代表用姓或首字母签字。/ Each page of the bid shall be initialed by the legal representative or a person or persons duly authoreized to bind the bidder.</p>
18.2	<p>1) 递交的地址/: 中国上海市瞿溪路 350 号 1 楼</p> <p>/Bid Delivery Address: /Floor 1, NO. 350 Quxi Road, Shanghai, China</p>
18.3	<p>2) 项目名称、投标邀请的标题、编号/Project Name, The Invitation for Bids(IFB) title and number: 上海理工大学骨科生物图像仪/ University of Shanghai for Science and Technology and Bone Biology Research</p>

	System、1447-264040247T31
18.4	如果投标文件未按本须知要求密封，招标机构将拒收。/ If the bidding document is not sealed and marked as required by ITB, the Tendering Agency will reject it.
19.1	投标截止日期/ Deadline for Submitting Bids: <u>2026年6月17日/2026-6-17</u> 投标截止时间/ Time: <u>10:00 am</u> (北京时间/ Beijing time)。
22.1	开标日期/ Date of Bid Opening: <u>2026年6月17日/2026-6-17</u> 开标时间/ Time: <u>10:00 am</u> (北京时间/ Beijing time)。 开标地点/ Place: 中国上海市黄浦区瞿溪路350号1楼 /1st Floor, 350 Quxi Road, Huangpu District, Shanghai, China
23.1	本次招标的评标方法/ Evaluation Method: 最低评标价法/ Lowest evaluated price method.
24.5.1	<p>在商务评议时，有下列情况之一者，其投标将被拒绝：</p> <p>/In business evaluation, if any of the following situations occur, the bid will be rejected:</p> <ol style="list-style-type: none"> (1) 投标人及其制造商与招标人、招标机构有利害关系的； (2) 投标人参与项目前期咨询或招标文件编制的； (3) 投标文件未按照要求逐页签字或未盖公章的； (4) 投标人的投标书或资格证明未提供或不符合招标文件要求的； (5) 投标人未提交投标保证金或金额不足、投标保证金形式或不符合招标文件要求的； (6) 投标文件不满足招标文件加注星号（“”）的重要商务条款要求的； (7) 投标有效期不足的； (8) 投标人有串通投标、弄虚作假、行贿等违法行为的； (9) 存在招标文件中规定的否决投标的其他商务条款的； (10) 投标报价高于招标文件设定的最高投标限价的； (11) 投标文件无法定代表人签字，或签字人无法定代表人有效授权书的。

	<p>/ (1) Bidders and their manufacturers have a vested interest in the tenderer or tendering agency;</p> <p>(2) Bidders who participate in pre project consultation or tender document preparation;</p> <p>(3) The bidding documents are not signed page by page or stamped with official seals as required;</p> <p>(4) The bidder's bid or qualification certificate is not provided or does not meet the requirements of the bidding documents;</p> <p>(5) The bidder has not submitted a bid security deposit or the amount is insufficient, the form of the bid security deposit does not meet the requirements of the bidding documents;</p> <p>(6) The bidding documents do not meet the important commercial terms requirements marked with an asterisk (*) in the bidding documents;</p> <p>(7) The validity period of the bid is insufficient;</p> <p>(8) Bidders who engage in illegal activities such as collusion in bidding, fraud, and bribery;</p> <p>(9) bidders who meet other commercial terms stipulated in the bidding documents that reject the bid;</p> <p>(10) The bidding price is higher than the maximum bidding limit set in the bidding documents;</p> <p>(11) The bidding documents cannot be signed by a designated representative, or the signatory does not have a valid authorization letter from the legal representative.</p>
24.5.2	<p>技术评议过程中，有下列情况之一者，其投标将被否决。</p> <p>2) 一般技术条款超出允许偏离的最多项数（<u>3</u>项）的。</p> <p>/ The bid will be rejected, if it is found having any of the following conditions during the technical evaluation:</p> <p>/ 2) The number of general technical clauses exceeding the maximum allowable deviation limit (3 items).</p>

25.1	<p>评标货币：<u>美元</u>；以开标当日中国银行总行首次发布的外币对人民币的现汇卖出价进行投标货币对美元的转换。 / Evaluation currency: <u>USD</u>； All the bid prices will be converted into the USD by the first release of Foreign currency cash offer price of CNY at Bank of China on the date of bid opening.</p>
26.2	<p>4) 偏离加价： / Increase The Bid Price for acceptable deviation:</p> <p>对一般的商务条款和技术条款（参数）允许偏离，其评标价格为：以该设备投标价格为基准，每偏离一项增加该设备投标价格的百分之一（1%）。投标文件中没有单独列出该设备分项报价的，按投标总价计算。</p> <p>/ Deviations from the general commercial terms and technical terms (parameters) are permitted The Evaluated Bid Price for acceptable deviation to the Commercial and Technical Specifications without the mark of asterisk (*) which are not key ones: Taking this Bid Price of the equipment as the base, The Evaluated Bid Price will be increased 1 % of the Bid Price of the equipment for each deviation. IF Bidding Document has not list this Bid Price of the equipment, take the total bid price as the base.</p> <p>计算关境内产品和投标截止时间前已经进口产品的偏离加价时，应扣除投标报价中包含的相关税费，如投标文件中没有单独列出相关税费的，按投标总价计算。</p> <p>/ When calculating the deviation markup of products within the customs territory and imported products before the bidding deadline, the relevant taxes and fees included in the bidding quotation should be deducted. If the relevant taxes and fees are not separately listed in the bidding documents, they should be calculated based on the total bidding price.</p> <p>5) 在价格评议过程中，有下列情况之一的，其投标将被否决。</p> <p>① 投标人投标报价缺漏项超出投标总价的5%的；</p> <p>② 缺漏项在投标总价的5%以内的，但投标人确认缺漏项不包含在投标价中的；</p>

	<p>③ 缺漏项加价和偏离加价累计超出投标总价的<u>10</u>%的。</p> <p>/ The bid will be rejected, if it is found having any of the following during the price comparison:</p> <p>① The proportion of missing items has exceeded 5% of the total bid price;</p> <p>② The proportion of missing items has $\leq 5\%$ of the total bid price, but the Bidder confirm this price of missing items is not be included in the Total Bid Price.</p> <p>③ The sum of Increase The Bid Price of missing items and for acceptable deviation have exceeded <u>10</u>% of the total bid Price.</p>
26.4	<p>根据本须知第26.3条的规定，对本投标资料表中选定的 <u>1、2、3、4、5</u> 评标因素，采用量化方法调整评标价格。</p> <p>/ For factor <u>1、2、3、4、5</u> retained in this Bid Data Sheet pursuant to ITB Clause 26.3, quantification methods will be applied, as detailed in the Bid Data Sheet.</p>
26.4.1	<p>2) 评标价中加入投标人提供的货物从进口口岸运至最终目的地的境内运输、保险和伴随货物交运的有关费用。 / The price of inland transportation, insurance, and other local costs incidental to delivery of the goods from the port to their final destination which provided by the Bidder will be adopted into the Evaluated Price.</p>
26.4.2	<p>交货期：不允许偏离，任何偏离将导致投标被否决。 / Delivery schedule: No deviation is allowed. Any deviation will result the bid be rejected.</p>
26.4.3	<p>付款条件：不允许偏离，任何偏离将导致投标被否决。 / Deviation in payment schedule: No deviation is allowed. Any deviation will result the bid be rejected.</p>
26.4.4	<p>零部件和备品备件的费用 / Cost of components and spare parts::</p> <p>1) 投标人应提供货物质保期内运行所需的零部件和备品备件的费用，并计入投标总价；如漏报，评标时将其它有效标中该项的最高价计入其评标总价。</p> <p>/ The Bidder shall provide a list with price of components and spare parts</p>

	during the warranty period, and sum them to the total price. If any missing, the highest price of the same item in other effective tenders will be adopted into the total price of the evaluated price.
26.4.5	<p>中国关境内的备件供应和售后服务设施： / Spare parts and after sales service facilities in the PRC:</p> <p>投标人在中国境内应有维修服务设施和零部件库存，如没有，应提出相应的售后服务方案及费用，评标时计入评标价中。否则评标价上浮1%。</p> <p>/ The Bidder must have after-sale service facilities and spare parts in store in PRC. If haven't, should provide the related plan and cost, this cost shall be added to the bid price. Otherwise, the evaluated price will rise 1 %.</p>
26.4.6	<p>投标设备的预计运行和维护费用： 不适用。</p> <p>/Operating and maintenance costs: Not applicable.</p>
26.4.7	<p>投标设备的性能和生产率： 不适用。</p> <p>/Performance and productivity of the equipment: Not applicable.</p>
26.4.8	<p>其他额外的评标因素和标准： 不适用。</p> <p>/Other additional factors and criteria: Not applicable.</p>
26.5	中标候选人数量： <u>1</u> 名/Number of successful bidders: one
31.1	<p>招标人将根据评标委员会提出的书面评标报告和推荐的中标候选人确定中标人。招标人也可以授权评标委员会直接确定中标人。</p> <p>/The tenderee will determine the winning bidder based on the written evaluation report submitted by the evaluation committee and the recommended candidates for winning the bid. The tenderee may also authorize the evaluation committee to directly determine the winning bidder.</p>
31.2	<p>国有资金占控股或者主导地位的依法必须进行招标的项目，以及使用国外贷款、援助资金的项目，招标人应当确定排名第一的中标候选人为中标人。排名第一的中标候选人放弃中标、因不可抗力不能履行合同、不按招标文件要求提交履约保证金，或者被查实存在影响中标结果的违法行为等情形，不符合中标条件的，招标人将按照评标委员会提出的中标候选人名单排序依次确定其他中标候选人为中标人，也可以重新招标。</p>

	<p>/For projects that are legally required to be tendered and for which state-owned funds hold a controlling or dominant position, as well as projects that use foreign loans or aid funds, the tenderee shall determine the first ranked candidate as the winning bidder. If the top ranked candidate for winning the bid abandons the bid, is unable 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 activities that affect the winning bid results, and does not meet the bidding conditions, the tenderee will determine other candidates for winning the bid in order according to the list of candidates proposed by the evaluation committee, or may conduct a new bidding.</p>
32.2	<p>经评标委员会评审，认为所有投标都不符合招标文件要求的，评标委员会将否决所有投标。依法必须进行招标的项目的所有投标被否决的，招标人将保留重新招标的权利。</p> <p>/If the evaluation committee deems that all bids do not meet the requirements of the bidding documents, the evaluation committee will reject all bids. If all bids for projects that must be tendered according to law are rejected, the tenderee reserves the right to re tender.</p>
34.1	<p>《中标通知书》发出之日起 30 日内，中标人应按照招标文件和中标人的投标文件订立书面合同。中标人不得与招标人再订立背离合同实质性内容的其他协议。</p> <p>/Within 30 days from the date of issuance of the "Notice of Award", the winning bidder shall enter into a written contract in accordance with the bidding documents and the bidding documents of the winning bidder. The winning bidder shall not enter into any other agreement with the tenderee that deviates from the substantive content of the contract.</p>
36.1	<p>招标服务费 / Service Charge for Bidding:</p> <p>中标人应按照下述规定向招标机构交纳招标服务费/ The successful bidder shall pay the service charge for bidding to the Tendering Agency</p>

as stipulated in following provisions.

1. 参照国家发展计划委员会文件计价格 [2002] 1980号文中招标代理服务收费管理暂行办法计打70%收取。/According to the Interim Measures for the Management of Tendering Agency Service Fees in Document No. [2002] 1980 of the National Development and Reform Commission, 70% is calculated.

2. 招标服务费以人民币支付（按开标日中国银行公布汇率卖出价折算）。/The Service Charge for Bidding shall be paid in the same currency in contract or in CNY (the selling exchange rate published by Bank of China on the date of bid opening will be used for converting prices).

3. 招标服务费的交纳方式 / Payment of Service Charge for Bidding:

中标人在领取中标通知书时，按上述1)、2)、3)的规定，一次性向招标代理单位支付服务费。可用支票、汇票、电汇、现金等支付方式；

/ When the winning bidder receives the notice of winning the bid, he shall pay the service fee to the bidding agency at one time according to the provisions of 1), 2) and 3) above. Payment methods such as checks, money orders, wire transfers, and cash can be used;

4. 如果中标人不按照本规定及交纳招标服务费，将没收其投标保证金。

/ Failure of the successful bidder to pay the service charge for bidding as required shall result in forfeiture of the bid security.

第七章 合同专用条款

Section 7. Special Conditions of Contract

本章《合同专用条款》是对第二章《合同通用条款》的具体补充和修改，如有矛盾，应以本合同专用条款为准。

The Special Conditions of Contract in this chapter serve as specific supplements and modifications to Section 2, General Conditions of Contract. In case of contradictions, this Special Conditions of Contract shall prevail.

条款号/Clause number	内容/Content
1.1	买方名称 / Name of the Purchaser: 上海理工大学/University of Shanghai for Science and Technology
	卖方名称（中标人） / Name of the Supplier (successful Bidder):
	项目现场名称/地址 /:Project site name/address
11	目的港：上海港 /The port of destination / project site: Shanghai Port
16.1	应提供的伴随服务： 1. 提供货物维修所需的工具； 2. 为所供货物的每一适当的单台设备提供详细的操作和维护手册； 3. 在双方商定的一定期限内对所供货物实施运行或监督或维护或修理，但前提条件是该服务并不能免除卖方在合同保证期内所承担的义务； 4. 在项目现场就所供货物的运行、维护和修理对买方人员进行培训。 / Incidental Services to be provided: 1. Provision of tools required for maintenance of the supplied Goods; 2. Provision of a detailed operation and maintenance manual for each appropriate unit of the supplied Goods; 3. Performance or supervision of maintenance and/or repair of the supplied Goods, for a period agreed upon by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract;

	<p>4. training on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.</p>
17.2	<p>要求提供的备件：保修期内的备件。</p> <p>/Spare parts to provide: spare parts during the warranty period.</p>
18.2	<p>质量保证期：设备验收通过后不少于三年。</p> <p>/Warranty period: No less than three years after the equipment has passed the acceptance inspection.</p>
18.4	<p>免费维修或更换有缺陷货物或部件的响应时间： 卖方应在接到买方故障信息后12个小时内响应，并在90天内排除故障。</p> <p>/ Response time for free repair or replacement of defective goods or parts: After receiving the failure information from the Buyer, response is required to be made within 12 hours, and troubleshooting should be managed within 90 days.</p>
20	<p>付款方法和条件：/Payment Method and Conditions:</p> <p>本项目采用跨境人民币结算方式进行支付和结算，若投标人所在国或地区无跨境人民币业务可转换为国际通用货币结算;如人民币/免税价中标的，中标后经采购人和中标人协商，同意采用国际通用货币结算的，可通过签署补充协议将中标货币更改为国际通用货币(汇率按经采购人和中标人协商确认的中国银行公布的外汇卖出价计算，并按有利于采购人的原则且所采用的国际通用货币币种经汇率折算后的人民币总额不超出投标人所投人民币报价总额的原则确定具体汇率)。/This project adopts cross-border CNY settlement method for payment and settlement. If the bidder's country or region does not have cross-border CNY business, it can be converted to international common currency settlement; If the bid is won in CNY/tax-free price, and after negotiation between the purchaser and the winning bidder, it is agreed to settle in the international common currency, the winning currency can be changed to the international common currency by signing a supplementary agreement (the exchange rate is calculated based on the foreign exchange selling rate published by Bank of China confirmed through negotiation between the purchaser and the</p>

	<p>winning bidder, and the specific exchange rate is determined based on the principle of benefiting the purchaser and ensuring that the total amount of CNY converted from the international common currency does not exceed the total amount of CNY quoted by the bidder).</p> <p>1. 标的货物在中华人民共和国境外的： 30%合同签订支付（TT方式），60%发货通知后，信用证方式支付，10%验收合格后支付。</p> <p>2. 标的货物在中华人民共和国关境内的： 合同签订后预付30%，设备到货验收后付60%，质保期满1年后付10%</p>
<p>*32.2</p>	<p>仲裁的地点和仲裁的官方语言：</p> <p>仲裁应由中国国际经济贸易仲裁委员会（CIETAC）上海分会按其仲裁规则和程序在上海进行，仲裁的官方语言应为中文。</p> <p>/Location and official language of Arbitration:</p> <p>Any dispute shall finally be settled by arbitration in Shanghai, under the Shanghai Branch of China International Economic and Trade Arbitration Commission (CIETAC) in accordance with its arbitration rules / procedures.</p> <p>Unless otherwise agreed, the official language of Arbitration shall be Chinese.</p>

第八章 货物需求一览表及技术规格

Section 8. Schedule of Requirements and Technical Specifications

(注：本章内容如有与此前内容矛盾，以此内容为准！)

/(Note: If there is any contradiction between the content of this chapter and the previous content, this content shall prevail!)

注：本章内容中凡标有“*”号的，均须无条件地满足，如果某个标题前标有“*”的，则该标题下的所有内容都须无条件地满足，不满足则废标！/Note: Any content marked with an "*" in this chapter must be unconditionally satisfied. If a title is preceded by an "*", all content under that title must be unconditionally satisfied. If it is not satisfied, the title will be invalidated!

上海理工大学骨科生物图像仪/ University of Shanghai for Science and Technology and Bone Biology Research System

技术性能指标（含附件名称）/Technical performance indicators (including attachment names)

一、上海理工大学骨科生物图像仪/ University of Shanghai for Science and Technology and Bone Biology Research System 数量：1套/Quantity: 1 set

设备用途：三维全视野组织成像系统，适用于明场或者荧光染色的动物组织切片，细胞爬片等类型标本的成像，可进行多通道，Z轴层切扫描、全玻片扫描、多玻片扫描、组织芯片扫描等高分辨的多维成像操作。

（一）技术指标和要求[重要的技术条款（参数）加注星号（“*”）]

- 1、全电动显微镜主机：1套
- 2、8片扫描台 1
- 3、荧光光源：1个
- 4、外置快速转轮：1个
- 5、4通荧光滤光块：1个
- 6、物镜：4个
- 7、黑白彩色相机：各1个
- 8、工作站：1台
- 9、软件：1套

招标主要技术参数如下：

- 1、主机：

1.1 研究级全自动正置荧光显微镜，具备明场、荧光等观察功能。

*1.2 分辨率：可配备即时光学数字解析模块，最佳光学分辨率可达 XY 方向 $\leq 136\text{nm}$

1.3 Z 轴调节：全电动 Z 轴调焦

1.4 物镜转换器：至少全电动 7 位转换器

1.5 全电动透射光照明：长寿命 LED 光源，自动光强管理，电动视场和孔径光阑调节，带有智能式恒定色温保持 3200K 色温恒定。

1.6 智能型光强管理：低倍物镜时，自动变为低照明强度，高倍物镜时，自动变为高照明强度，并自动记忆最后设定光强。每只物镜均可记忆明场、荧光等不同观察方式时的光强状态，切换观察方式及物镜时无须反复调整。

1.7 荧光转盘：至少全自动 8 位转盘，自动荧光强度管理；至少 5 档荧光光强调节分别为 100%、55%、30%、17%、10%；

1.8 触摸显示屏：可显示当前物镜倍数、物镜类型（干镜、油镜）；可对光强、光源类型、视场光阑及孔径光阑大小等进行调节。

1.9 宽视野镜筒及目镜：10X，FOV ≥ 25 ，屈光度可调节

2、荧光成像模块：

2.1 固态 LED 光源，拥有至少 4 谱线单色切换，切换时间 $\leq 10\mu\text{s}$ 。

2.2 激发谱线：至少包含 390, 480, 555, 630nm 或相近激发谱线

2.3 外置转轮：

*2.3.1 至少外置 5 孔快速滤色片转轮，切换时间 $\leq 21\text{ms}$ 。

2.3.2 内含至少 5 组滤色片 440/40；510/40；590/50；700/75，100%

2.4 激发块组：至少单个 4 通道滤光块，与 LED 光源匹配可进行 4 通道快速切换

2.5 多通滤块组：适配 DAPI, GFP, Alexa555/CY3/等染料，

2.5.1 激发带宽至少包括：391/32；479/33；554/24；638/31 (nm)

2.5.2 分光至少包含：415, 500, 572, 660 (nm)

2.5.3 发射带宽至少包含：435/30；519/25；594/32；695/58 (nm)

3、高精度扫描台：

*3.1 通量： ≥ 8 片

3.1 步进精度 $\leq 0.01\ \mu\text{m}$

3.2 重复精度 $\leq 1\ \mu\text{m}$

3.3 XY 行程 $\geq 225 \times 86\ \text{mm}$

4、高速同步控制箱：实时高速同步控制高级系统，能同步化协调载物台、照明光源、调焦机构、相机等部件的行动，大幅节省部件沟通时间。

5、物镜

平场半复消色差物镜 1.25 倍 数值孔径 ≥ 0.04

平场半复消色差物镜 10 倍 数值孔径 ≥ 0.32

平场全复消色差物镜 20 倍 数值孔径 ≥ 0.80

平场半复消色差物镜 40 倍 数值孔径 ≥ 0.80

6、双摄像头配置

6.1 黑白相机：用于荧光扫描成像

6.1.1 420 万像素科研级 sCMOS 芯片

6.1.2 像素大小 $\geq 6.5 \mu\text{m} \times 6.5 \mu\text{m}$

6.1.3 QE 量子效应 $\geq 80\%$

6.1.4 成像帧速： $\geq 40 \text{ fps @ } 2048 \times 2048$

6.2 彩色相机：用于彩色明场扫描成像，至少 600 万像素 CMOS 相机。

7、成像分析软件：

7.1 完整的图像查看器，包括注释，图像覆盖，图像画廊和图像比较

7.2 图像处理和测量：调整每张图像的对比度、亮度和伽马值；合并、裁剪和图像算法；强度、长度和面积测量；透过影像堆叠测量面积强度；

7.3 多通道采集：每个实验可定义多达 4 个采集通道。每一个获取通道可以用不同的对比技术和不同的方法来定义采集参数。采集之后自动化进行多通道合并。

7.4 延时成像模块

7.5 Z-Control 和自动对焦控制模块

7.6 全视野标本扫描模块

7.6.1 包括 3 个功能模块：大图拼接、多位置标记与查找，多孔位智能编辑；

7.6.2 用户自由定义，可以生成任意形状无限数量的玻片概览地图；以便快速定位。有螺旋式扫描，往复式扫描多种模式

7.6.3 可执行多任务一键化扫描，无限数量的区域和任意大小的位置

7.7 三维重建模块：具有多种三维重构渲染方式，包括最大强度投影、透明、深度标识和阴影投影等方式，允许 xy、xz、yz 任意角度进行切面观察，可对重构图进行任意角度旋转、平移、放大和缩小，可对每个荧光通道的强度、灰阶、伽马值及透明度进行独立调节，可根据用户需要对不同荧光通道进行颜色分割显示，可将复杂的 3D 重构效果导出成电影文件和图片；

8、分析工作站：至少如下配置：

操作系统：WIN 10 PRO 64 WKST

内存：64GB (4X16GB) DDR4 2666 ECC REG

(6) 备品备件

无

二、设备商务需求

1、质量保证和售后服务要求

1) 质量保证期（简称“质保期”）：叁年，质保期自货物最终验收合格之日起算，保修期内非人为损坏情况下，中标人提供设备的全免费保修。

2) 中标厂商须在中国境内有固定的办事处、维修部及零配件保存仓库。在接到用户维修请求后，应在 4 小时内做出快速响应，并在 2-4 个工作日内到达现场；

3) 设备供应厂商在国内的技术服务中心（包括维修中心）应当提供服务包括备用零件及消耗品（以人民币结算）。

2、验收

1) 中标人需将所供商品运至交货地点，且与招标人员共同开箱，核对包装箱内货物与合同签订的一致性；中标人在安装调试完毕，并培训相关人员正常使用后，双方开始对设备进行验收。

2) 验收标准：按照双方事先约定好的标准和技术协议检验合格后，双方签字生效。签署设备验收的单据前，中标人必须移交能确保采购方正常使用设备的全部物品，包括设备软件使用许可等。

3、安装调试要求

中标方按照规定厂商设备安装要求等，严格遵照设备安装调试等具体条件，现场完成整套设备的安装调试

4、技术服务和培训要求

1) 中标人免费提供用户现场安装、调试及培训。安装工程师在用户现场安装调试完毕后，进行现场讲解培训，人员不限。免费提供仪器使用手册、培训教材、应用文章等。保证用户掌握基本操作，可以正确操作使用仪器；

2) 在设备安装和调试完成后，中标人应提供培训服务，提供专业技术人员对招标人使用设备人员和相关管理人员进行至少两天培训。

3) 中标人需制定详细的培训内容和培训计划。

*5、付款方式：

(1) 境外供货：30%合同签订支付（TT 方式），60%发货通知后，信用证方式支付，10%验收合格后支付。

(2) 境内供货：合同签订后预付 30%，设备到货验收后付 60%，质保期满 1 年后付 10%。

***6、交货日期：合同签订办好免表后 60 天内**

***7、质保期：设备验收通过后不少于三年，质保期自货物最终验收合格之日起算，保修期内非人为损坏情况下，中标人提供设备的全免费保修。**

第九章 投标文件格式

Section 9. Bidding Document Format

请投标人结合第一册第四章和第二册第九章的投标文件格式制作投标文件。

/Bidders are requested to prepare their bidding documents in accordance with the formats provided in Chapter IV of Volume I and Chapter IX of Volume II.

投标文件的构成： /Composition of Bidding Documents:

其中附件一至附件九的格式参照招标文件第一册第四章，附件十至附件十三的格式参照招标文件第二册第九章。 /The formats of Appendix 1 to 9 shall refer to Chapter 4 of Volume 1 of the bidding documents, and the formats of Appendix 10 to 13 shall refer to Chapter 9 of Volume 2 of the bidding documents.

附件一 投标书（第一册第四章格式 IV-1）； /Appendix 1 Bid Document (Volume 1, Chapter 4, Format IV-1);

附件二 开标一览表（第一册第四章格式 IV-2）； /Appendix 2 Bid Opening List (Volume 1, Chapter 4, Format IV-2);

附件三 投标分项报价表（第一册第四章格式 IV-3）； /Appendix 3: Bid Sub item Quotation Table (Volume 1, Chapter 4, Format IV-3);

附件四 货物说明一览表（第一册第四章格式 IV-4）； /Appendix 4: List of Goods Description (Volume 1, Chapter 4, Format IV-4);

附件五 技术规格响应/偏离表（第一册第四章格式 IV-5）； /Appendix 5 Technical Specification Response/Deviation Table (Volume 1, Chapter 4, Format IV-5);

附件六 商务条款响应/偏离表（第一册第四章格式 IV-6）； /Appendix 6 Business Terms Response/Deviation Table (Volume 1, Chapter 4, Format IV-6);

附件七 投标保证金保函或投标保证金网银或电汇复印件；（如为保函必须提供原件，并与开标一览表一起单独密封。银行保函格式见第一册第四章格式 IV-7）； /Appendix 7: Copy of Bid Security Deposit Guarantee or Bid Security Deposit Online Banking or Telegraphic Transfer; (If it is a guarantee letter, the original must be provided and sealed separately with the bid opening schedule. The format of the bank guarantee letter can be found in Chapter 4, Format IV-7 of Volume 1);

附件八 单位负责人授权书（必须为原件）；（第一册第四章格式 IV-8，关境内的投标人的单位负责人必须为法人代表，关境外的投标人可以提供单位负责人授权书）/Appendix 8 Authorization Letter from Unit Head (must be original); (Format IV-8 in Chapter 4 of Volume 1: Bidders within the territory of the People's Republic of China must have their legal representative as their unit head, while bidders outside the territory of the People's Republic of China may provide an authorization letter from their unit head)

附件九 资格证明文件（必须为原件）；/Appendix 9 Qualification Certificate Documents (must be original);

附件九-1 资格声明（第一册第四章格式 IV-9-1）；/Appendix 9-1 Qualification Declaration (Volume 1, Chapter 4 Format IV-9-1);

附件九-2 制造商资格声明（第一册第四章格式 IV-9-2）；/Appendix 9-2 Manufacturer Qualification Declaration (Volume 1, Chapter 4, Format IV-9-2);

附件九-3 投标人(作为代理)的资格声明；（第一册第四章格式IV-9-3，如制造商直接投标，则无需提供）；/Appendix 9-3 Qualification Statement of the Bidder (acting as an agent); (Format IV-9-3 in Chapter 4 of Volume 1, if the manufacturer bids directly, it is not necessary to provide it);

附件九-4 制造商出具的授权函（第一册第四章格式 IV-9-4，如制造商直接投标，则无需提供）；/Appendix 9-4 Authorization Letter issued by the manufacturer (Format IV-9-4 in Chapter 4 of Volume 1, if the manufacturer bids directly, there is no need to provide it);

附件九-5 证书（第一册第四章格式 IV-9-5）；/Appendix 9-5 Certificate (Format IV-9-5 in Chapter 4 of Volume 1);

附件十 备品备件报价表（第二册第九章附件十）；/Appendix 10: Quotation Table for Spare Parts (Volume 2, Chapter 9, Appendix 10);

附件十一 设备的技术及详细方案（含样本，第二册第九章附件十一）；/Appendix 11: Technical and Detailed Plan for the Equipment (including samples, Chapter 9, Appendix 11 of Volume 2);

附件十二 投标人的其他资格证明文件（第二册第九章附件十二）；/Appendix 12: Other Qualification Documents of Bidders (Appendix 12 in Chapter 9 of Volume 2);

表 1 委托代理人身份证（复印件加盖单位公章）；/Table 1: ID card of the authorized agent (copy stamped with the company seal);

表 2 投标人必须提供营业执照、税务登记证、组织机构代码证复印件加盖公章，及业绩的相关证明材料（提供合同复印件或者中标通知书）（复印件加盖公章）；/Table 2: Bidders must provide copies

of their business license, tax registration certificate, organization code certificate with official seal, and relevant proof of performance (provide copies of contracts or bid winning notices) (copies with official seal);

表 3 要求提供原厂家的技术参数表; /Table 3 The original manufacturer's technical parameter table as required;

表 4 无利害关系声明; /Table 4 Declaration of No Interest Relationship;

表 5 投标人开户银行在开标日前三个月内开具的资信证明原件或复印件; /Table 5: Original or photocopy of credit certificate issued by the bidder's bank within three months prior to the bid opening date;

表 6 其他资格证明文件(相关资质证书复印件加盖公章); /Table 6 Other qualification certification documents (copies of relevant qualification certificates stamped with official seals);

表 7 投标保证金退款账号; /Table 7 Bid Security Deposit Refund Account;

表 8 出口许可证声明; /Table 8 Export License Declaration;

表 9 联行号码信息。 /Table 9: Interbank Number Information.

附件十 备品备件报价表

/Appendix 10: Quotation Sheet for Spare Parts

投标方名称: _____ 招标编号: _____ 包件号: _____

/Bidder Name: _____ Tender Number: _____ Package Number: _____

投标人应提供货物质保期内及质保期结束后一年的备品备件、易损件和易耗件一览表, 按要求列出详细清单, 标出制造商、型号、数量、单价、总价, 其费用分项报价, 不计入投标总价, 并承诺在质保期后 5 年内以不高于上述清单价格, 且按招标人不时要求的数量及合理时间向招标人提供该易损件和备品备件。/The bidder shall provide a list of spare parts, vulnerable parts, and consumables during the warranty period and for one year after the end of the warranty period. A detailed list shall be prepared as required, indicating the manufacturer, model, quantity, unit price, and total price. The cost breakdown quotation shall not be included in the total bid price. The bidder shall promise to provide the vulnerable parts and spare parts to the tenderee within 5 years after the warranty period at a price not higher than the above list price, and in accordance with the quantity and reasonable time required by the tenderee from time to time.

序号/Serial Number	名称/name	型号/model	数量/number	单价/unit-price	总价/Total price

委托代理人签字: /Signature of authorized agent: _____

投标方名称 (公章): /Bidder's name (official seal): _____

附件十一 设备的技术及详细方案（含样本）

/Appendix 11: Technical and Detailed Plan of Equipment (including Samples)

请供应商提供完整的项目技术方案，对用户要求书中提出的需求应有量化的技术性能参数和技术指标，标明应达到的相应国家标准。/Please provide a complete project technical solution from the supplier, with quantified technical performance parameters and indicators for the requirements stated in the user requirements document, indicating the corresponding national standards that should be met.

附件十二 投标人的其他资格证明文件； /Attachment 12: Other Qualification Documents of Bidders;

表1 委托代理人身份证(复印件加盖单位公章);/Table 1: ID card of the authorized agent (copy stamped with the company seal);

表2 投标人必须提供营业执照复印件加盖公章以及业绩的相关证明材料(提供合同复印件或者中标通知书)(复印件加盖公章);/Table 2: Bidders must provide a copy of their business license stamped with an official seal, as well as relevant supporting documents for their performance (including a copy of the contract or award notification) stamped with an official seal;

表3 要求提供原厂家的技术参数表;/Table 3 **The original manufacturer's technical parameter table as required;**

表4 无利害关系声明;/Table 4 Declaration of No Interest Relationship;

表5 投标人开户银行在开标日前三个月内开具的资信证明原件或复印件;/Table 5: Original or photocopy of credit certificate issued by the bidder's bank within three months prior to the bid opening date;

表6 其他资格证明文件(相关资质证书复印件加盖公章);/Table 6 Other qualification certification documents (copies of relevant qualification certificates stamped with official seals);

表7 投标保证金退款账号;/Table 7 Bid Security Deposit Refund Account;

表8 出口许可证声明;/Table 8 Export License Declaration;

表9 联行号码信息。/Table 9 Interbank Number Information.

表1 委托代理人身份证/Table 1 ID card of authorized agent
(复印件加盖单位公章)/(Copy stamped with the official seal of the unit)

表2 营业执照及业绩的相关证明材料/Table 2 Relevant supporting documents
for business license and performance
(复印件加盖单位公章)/(Copy stamped with the official seal of the unit)

表3 要求提供原厂家的技术参数表/Table 3 **The original manufacturer's technical**

parameter table as required

(复印件加盖单位公章) / (Copy stamped with the official seal of the unit)

表 4 无利害关系声明/ Table 4 Declaration of No Interest Relationship

我方承诺与招标人及其代理机构不存在隶属关系或者其他利益关系。/ We confirm that we have no affiliation or other interest relationship with the tenderer and its agency.

投标单位授权代表签字: / Signature of authorized representative of the bidding unit:

投标单位名称 (盖公章): / Name of bidding unit (with official seal):

日期: 年 月 日/Date:

表 5 开标日前三个月内开具的资信证明原件或复印件/ Table 5 Original or photocopy of a credit certificate issued within three months prior to the bid opening date

表 6 其他资格证明文件/ Table 6 Other Qualification Certificates

我司保证上述资料的真实、可靠, 如提供的资料和数据出现弄虚作假的情况即同意取消中标资格。/ Our company guarantees the authenticity and reliability of the above information. If there is any falsification in the provided information and data, we agree to the cancellation of the bid qualification.

投标单位授权代表签字: / Signature of authorized representative of bidding unit:

投标单位名称 (盖公章): / Name of the bidding unit (with official seal):

日期: 年 月 日/Date:

表 8：出口许可证声明/Table 8: Export License Declaration

是否需要办理出口许可证声明/ Statement as to Whether an Export License is Needed.

致：上海理工大学

我方_____（投标人名称）参与的_____（项目名称、项目编号），其中（设备名称，如果多个设备请一一列出）_____（需要/不需要）办理出口许可证。

特此声明！

投标人名称（公章）：

投标人授权代表签字、职务：_____

日 期：_____

To: University of Shanghai for Science and Technology

We _____ (bidder name) participated in the _____ (project name, project number), among which (equipment name, please list one by one if multiple devices) _____ (need / need not) to apply for an export license.

Hereby declare!

Bidder Name (Official Seal):

Authorized representative of the bidder, signature and position: _____

Date: _____

表 9：联行号码信息/Table 9: Interbank Number Information

联行号码信息（人民币报价适用）/Interbank number information
(applicable for CNY quotation)

人民币报价（免税）收款信息（如适用）：

投标人名称： _____

跨境贸易人民币结算账号名称： _____

跨境贸易人民币结算账号： _____

投标人或受益人的开户行： _____

中国人民银行出具的 12 位联行号码（英文缩写：CNAPS）： _____

投标人（盖章）：

日期：

备注：到达上海港（机场）或校方所在地的人民币报价（免税），但投标方必须具备以下 2 点：

- 1) . 投标人或受益人的银行账户必须开通跨境人民币业务交易，并提供跨境贸易人民币结算的账号。
- 2) . 投标人或受益人的开户行必须提供中国人民银行出具的 12 位联行号码（英文缩写：CNAPS）。

境外账号名称与投标方不一致或不提供 12 位联行号码，招标人将可以不予办理该投标产品的海关免税。

/CNY quotation (tax-free) payment information (if applicable):

Bidder Name: _____

Cross border trade CNY settlement account name: _____

Cross border trade CNY settlement account: _____

The opening bank of the bidder or beneficiary: _____

12 digit inter-bank number issued by the People's Bank of China (English abbreviation: CNAPS):

Bidder (seal):

Date:

Note: The **CNY quotation (tax-free)** for arrival at Shanghai Port (airport) or the location of the school must meet the following two requirements:

- 1) The bank account of the bidder or beneficiary must be opened for cross-border CNY business transactions and provide an **account for CNY settlement of cross-border trade**.
- 2) The opening bank of the bidder or beneficiary must provide a **12 digit inter-bank number** issued by the People's Bank of China (English abbreviation: CNAPS).

If the **overseas account name** is inconsistent with the **bidder's** or the 12 digit interbank number is not provided, the tenderee may not apply for **customs exemption for the bidding product**.