**机电产品国际招标**

**标准招标文件**

**Electrical & Mechanical International Bidding**

**Standard Bidding Document**

第二册

Volume Two

|  |  |
| --- | --- |
| 招标编号: | 0633-2541SQ011313 |
| Bid No.: | 0633-2541SQ011313 |
| 货物名称: | 铜镍金电镀设备 |
| Name of the Goods: | Copper-Nickel-Gold Electroplating Equipment |

广西机电设备招标有限公司

**Guangxi Machinery and Electric Equipment Tendering Co., Ltd**

2025.8

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# **第五章 投标邀请**

# **Section 5 Invitation for Bids**

广西机电设备招标有限公司受招标人委托对下列产品及服务进行国际公开招标，于2025年8月6日在中国国际招标网公告。本次招标采用传统招标方式，现邀请合格投标人参加投标。

**1．招标条件**

项目概况：本招标项目为广西华芯振邦半导体有限公司采购铜镍金电镀设备一台，招标人为广西华芯振邦半导体有限公司，建设资金为招标人自筹。项目资金已经落实，已具备招标条件，现对该项目下列货物和有关服务进行国际公开招标。

资金到位或资金来源落实情况：项目资金已经落实

项目已具备招标条件的说明：已具备招标条件

**2．招标内容**

招标项目编号：0633-2541SQ011313

招标项目名称：铜镍金电镀设备采购项目

项目实施地点：中国南宁市

招标产品列表（主要设备）：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 项序号 | 产品名称 | 数量 | 简要技术规格 | 备注 |
| 1 | 铜镍金电镀设备 | 1台 | 铜镍金电镀机(挂式) 产品规格：12寸晶圆 | \ |

3．投标人资格要求

3.1投标人应具备的资格：投标人必须是制造商，在招标机构登记并购买了招标文件，并已在机电产品招标投标电子交易平台成功注册。

3.2投标人必须是来自中华人民共和国或是与中华人民共和国有正常贸易往来的国家或地区的法人或其他组织，具备承担本次采购内容的能力。

3.3业绩要求：无。

3.4投标人需要满足近3年没有处于严重违法失信企业名单、失信惩戒对象、安全生产失信联合惩戒黑名单、责令停业，财产被接管、冻结及破产等状态。

是否接受联合体投标：不接受

未领购招标文件是否可以参加投标：不可以

**4．招标文件的获取**

招标文件领购开始时间：2025年8月6日

招标文件领购结束时间：2025年8月13日

获取招标文件方式：线上购买

招标文件领购地点：本项目只发售电子版招标文件，请潜在投标人于本招标公告有效期限内，登录精彩纵横云采购平台网站(网址: https://www.jczh.com/)在线支付后下载招标文件。

招标文件售价：￥800 / $110.96

其他说明：具体注册事宜可登录精彩纵横云采购平台网站 (https://www.jczh.com/) 查看“帮助专区”。

**5．投标文件的递交**

投标截止时间（开标时间）：2025年8月27日9:30（北京时间）

投标文件送达地点：广西机电设备招标有限公司（广西南宁市金湖路63号金源CBD现代城7层）

开标地点：广西机电设备招标有限公司（广西南宁市金湖路63号金源CBD现代城7层）

递交方式：邮寄快递送达或现场递交

注意：

1）投标人应在投标文件递交截止时间内，将投标文件密封送达指定地点，逾期送达的或者未送到指定地点的或者不按照招标文件要求密封的投标文件，招标人将拒绝接收。

2）选择现场递交投标文件的投标人须出示的材料：投标人法定代表人携带本人身份证原件，并提供有效的营业执照副本复印件；如为委托代理人须持授权委托书原件，委托代理人身份证原件及复印件，并提供有效的营业执照副本复印件（注：以上所有复印件均需加盖投标人公章），如因投标人自身原因不提供以上材料或材料提供不齐全的，招标人或招标代理机构有权拒收投标人的投标文件。

3）选择邮寄快递送达的投标人须在投标文件递交截止时间前送达，寄出不能等同于送达，招标代理机构工作人员签收邮寄包裹的时间即为招标文件的送达时间，逾时送达的招标文件无效，后果由投标人自行承担。

4）投标人应充分预留响应文件邮寄、送达所需要的时间。为确保邮寄包裹能及时送达，应选择邮寄运送时间有保障的快递公司寄送投标文件（注：法定公休日、法定节假日招标代理机构不接收邮寄的投标文件）。

5）投标人按照招标文件要求装订密封投标文件，应使用不透明、防水的邮寄袋或箱子再次包裹已密封的投标文件，并在邮寄外包装上注明项目名称、项目编号、投标人名称、开标时间、有效的电子邮箱、联系人真实姓名及手机号码。

6）投标文件邮寄信息：

①收件地址：广西机电设备招标有限公司（广西南宁市金湖路63号金源CBD现代城7层718室）

②收件人：刘工，电话：0771-2808981。

7）通过邮寄方式送达投标文件的投标人未按上述要求提供联系方式，致使招标代理机构或评审小组在项目评审期间无法与投标人取得联系的，或因自身原因未能保持电话畅通或未按评审小组要求提交澄清、说明或者补正的，后果由投标人自行承担。

逾期送达的或者未送达指定地点或者不按照招标文件要求密封的投标文件，招标人不予受理。

**6．投标人在投标前应在必联网（https://www.ebnew.com ）或机电产品招标投标电子交易平台（https://www.chinabidding.com）或中国国际招标网（http://chinabidding.mofcom.gov.cn）完成注册及信息核验。评标结果将在必联网和中国国际招标网公示。**

**7．联系方式**

招标人：广西华芯振邦半导体有限公司

地址：中国(广西)自由贸易试验区南宁片区公岸路6号产投五象振邦产业园3号至6号整栋

联系人：马洪英

电话：0771-2568999转2620

招标代理机构：广西机电设备招标有限公司

地址：广西南宁市金湖路63号金源CBD现代城7层

联系人：梅莹、刘鑫

电话：0771-2808981

电子邮件：dept\_qzzb@gxbidding.cn

**8．汇款方式：**详见招标文件

**9．其他补充说明**

中国国际招标网（www.chinabidding.com）为国家商务部指定的全国机电产品国际招标投标活动公共服务平台和行政监督平台，注册事宜请联系中国国际招标网，相关要求详见《机电产品国际招标投标实施办法》。

Bidding Notice

Guangxi Machinery and Electric Equipment Tendering Co., Ltd. has been entrusted by the tenderer to conduct an international open competitive tender for the following products and services. The tender announcement was made on China International Bidding Network on 6th,8month, 2025. This tender will be conducted in the traditional tendering method. We now invite qualified bidders to participate in the tender.

**1. Bidding Conditions**

Project Overview: This bidding project is for Hotchip Semiconductor Co.,Ltd. to purchase a copper-nickel-gold electroplating equipment, the bidder is Hotchip Semiconductor Co.,Ltd., and the construction funds are self-raised by the bidder. The project funds have been implemented and the bidding conditions have been met, and international public bidding is now conducted for the following goods and related services of the project.

Availability of funds or source of funds: project funds have been implemented

Description that the project has met the bidding conditions: it has met the bidding conditions.

**2. Bidding Content**

Bidding No: 0633-2541SQ011313

Project Name: Procurement Project of Copper-Nickel-Gold Electroplating Equipment

Place of Implementation: Nanning, P.R.China

List of Products:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NO. | Product Name | Quantity | Main Technical Data | Remarks |
| 1 | Copper-Nickel-Gold Electroplating Equipment | 1 sets | RFQ\_ Copper-Nickel-Gold Electroplating Equipment (Hanging) Product Specifications: 12-inch wafer | \ |

**3. Qualification Requirements for Bidder**

3.1 Qualifications that bidders should possess: Bidders must be manufacturers , have registered and purchased bidding documents with the bidding agency, and have successfully registered on the electronic trading platform for mechanical and electrical product bidding.

3.2 Bidders must be legal persons or other organizations from the People's Republic of China or countries or regions that have normal trade relations with the People's Republic of China, and have the ability to undertake the content of this procurement.

3.3 Performance requirement: None.

3.4 Bidders must meet the requirement that they have not been on the list of seriously illegal and dishonest enterprises, dishonest punishment objects, safety production dishonesty joint punishment blacklist, ordered to suspend business, had their assets taken over, frozen, or bankrupt in the past 3 years.

Joint Bids: NOT Available

Bid without the bidding documents: NOT Available

**4. Acquisition of Bidding Documents**

Beginning of Selling Bidding Documents: 2025-08-06

Ending of Selling Bidding Documents: 2025-08-13

To Obtain: Online Purchase

Place: project only offer electronic tender documents, please invite potential bidders in this bidding announcement valid period, login (https://www.jczh.com/) downloading bidding documents after online payment.

Price of Bidding Documents: ￥800 / $110.96

Additional Instructions：For specific registration matters, login (https://www.jczh.com/) View the 'Help Zone'.

**5. Bid Submission**

Deadline for Submitting Bids/Time of Bid Opening (Beijing Time): 2025-08-27 9:30

Place of Bid: Guangxi Machinery and Electric Equipment Tendering Co., Ltd (7/F, Jinyuan CBD Building, No.63, Jinhu Road, Nanning, Guangxi)

Place of Bid Opening: Guangxi Machinery and Electric Equipment Tendering Co., Ltd (7/F, Jinyuan CBD Building, No.63, Jinhu Road, Nanning, Guangxi)

Submission method: Delivered by express delivery or on-site

Attention:

1）Bidders shall submit their sealed bid documents to the designated location before the bid submission deadline. Bid documents that are delivered late, not submitted to the designated location, or not sealed as required by the bidding documents will be rejected by the tenderee.

2）Bidders opting for on-site submission must present the following materials:

If submitting in person, the bidder's legal representative must carry their original ID card and provide a valid copy of the business license (duplicate) with the bidder's official seal.If submitting via an authorized representative, the representative must present the original power of attorney, their original and photocopied ID card, and a valid copy of the business license (duplicate) with the bidder's official seal.(Note: All copies must bear the bidder's official seal.)

If the bidder fails to provide the required materials or provides incomplete documentation due to their own reasons, the tenderee or the bidding agency reserves the right to reject the bid documents.

3）Bidders opting for postal/courier delivery must ensure their bid documents arrive before the submission deadline. The time of dispatch does not equate to the time of delivery. The time of receipt by the bidding agency’s staff will be considered the official delivery time. Late submissions will be deemed invalid, and the bidder shall bear all consequences.

4）Bidders shall allocate sufficient time for mailing and delivering bid documents. To ensure timely delivery, bidders must select a reliable courier service with guaranteed delivery times.

(Note: The bidding agency does not accept postal deliveries on statutory holidays or public rest days.)

5）Bidders must bind and seal bid documents as required by the bidding documents. The sealed bid documents must be further enclosed in an opaque, waterproof mailing bag or box, with the following information clearly marked on the outer packaging:Project name\Project number\Bidder’s name\Bid opening time\Valid email address\Contact person’s real name and mobile number\Mailing details for bid documents:

6)Recipient Address:

①Guangxi Machinery & Equipment Tendering Co., Ltd. (Room 718, 7th Floor, Jinyuan CBD Modern City, No. 63 Jinhu Road, Nanning, Guangxi)

②Recipient: Mr. Liu，Tel: 0771-2808981

7）Bidders submitting via mail who fail to provide the required contact information, resulting in the bidding agency or evaluation panel being unable to reach them during the review process, or who fail to maintain phone accessibility or provide clarifications, explanations, or supplements as requested by the evaluation panel, shall bear all consequences.

Bid documents that are delivered late, not submitted to the designated location, or not sealed as required by the bidding documents will not be accepted by the tenderee.

**6. The bidder needs to register before the tender on www.chinabidding.com or chinabidding.mofcom.gov.cn. And the evaluation**

 **results will be released on www.chinabidding.com.**

**7. Contact Details**

Purchasers: Hotchip Semiconductor Co.,Ltd

Add.: Building No. 3-6, Gong’an Road, Nanning Area, China (Guangxi) Pilot Free Trade Zone

Contact:Ms. Ma Hongying

Tel.: (0086) 0771-2568999转2620

Bidding Agency: Guangxi Machinery and Electric Equipment Tendering Co., Ltd

Add.: 7/F, Jinyuan CBD Building, No.63, Jinhu Road, Nanning, Guangxi

Contact:Ms.Mei Ying、Mr.Liu Xin

Tel.: (86) 771-2808981

Email:dept\_qzzb@gxbidding.cn

1. **Remittance Approach**

Please to the Tender documents

**9. Additional Instructions**

China international tendering (www.chinabidding.com) for International Tendering and bidding of mechanical and electrical products nationwide designated by the State Department of Commerce and public service platform administrative supervision platform, registration please contact Chinese International Tendering requirements, refer to "mechanical and electrical products in the international bidding implementation measures"

# **第六章 投标资料表**

# **Section 6 Bid Data Sheet**

本表关于要采购的货物的具体资料是对招标文件第一册第一章《投标人须知》的具体补充和修改，如有矛盾，应以本资料表为准。**本章第2、11.4、11.5、11.6.1、11.6.2、13.1、15.1、15.2、15.3、17.1、17.2条款为“\*”条款。**

The specific information about the goods to be purchased in this table is a specific supplement and modification to Chapter 1 "Instructions to Bidders" of Volume 1 of the bidding documents. In case of any contradiction, this information table shall prevail. The clauses 2, 11.4, 11.5, 11.6.1, 11.6.2, 13.1, 15.1, 15.2, 15.3, 17.1, and 17.2 in this chapter are marked as "\*" clauses.

|  |  |
| --- | --- |
| 条款号Clause | 内 容Contents |
| **一、说明 Introduction** |
| 1.2 | 招标人名称：广西华芯振邦半导体有限公司招标人地址：中国(广西)自由贸易试验区南宁片区公岸路6号产投五象振邦产业园3号至6号整栋电话：0771-2568999转2620 传真： / Name of the Buyer：Hotchip Semiconductor Co.,Ltd.Bidder's address:No. 6 Gong’an Road, China (Guangxi) Pilot Free Trade Zone , Chantou Wuxiang Zhenbang Industrial Park Building 3 to 6, Nanning City, Guangxi Province, China.TEL：(0086) 0771-2568999转2620 FAX：/ 招标机构名称：广西机电设备招标有限公司招标机构地址：中国广西南宁市金湖路63号金源现代城7层（530021）电话：0771-2808981Name of the Tendering Agent：Guangxi Machinery and Electric Equipment Tendering Co., LtdThe Tendering Agent’s address: Jinyuan CBD Building, No.63, Jinhu Road, Nanning, Guangxi, 530021, P. R.ChinaTEL：(0086)771-2808981 |
| 1.3 | 项目名称：铜镍金电镀设备采购项目Name of project: Procurement Project of Copper-Nickel-Gold Electroplating Equipment合同名称：铜镍金电镀设备Name of the Contract: Copper-Nickel-Gold Electroplating Equipment |
| **\*2** | **合格的投标人：****投标人必须在招标机构登记并领购了招标文件，并已在机电产品招标投标电子交易平台成功注册。**Qualified bidders:The bidder must be registered in the Tendering Agent, and has purchase the Bidding Documents, and must be registered in China International Tendering Website (www.chinabidding.com) |
| **二、招标文件 The Bidding Documents** |
| 6.1 | 招标文件澄清截止时间：2025年8月15日11:00（北京时间）Bid deadline for documents clarify: August 15, 2025, 11:00 (Beijing Time) |
| **三、投标文件的编制 Preparation of Bids** |
| 8 | 投标语言：英文/中文Language of the bid：English/Chinese |
| 9.1） | 开标一览表见招标文件第二册第九章附件9-1的格式Form of Summary Sheet for Bid Opening: See the Attachment 9-1 in Volume Two Section 9. |
| 10.3 | 备选方案：不接受Alternatives：Not accepted |
| 11.2 | 投标人投标报价缺漏项允许的范围或比重：/。Permissible range or Proportion of bid price’s missing items: No more than two omissions投标缺项超过允许的范围（比重）的将被否决。If the bid price’s missing items exceeds the allowable range (proportion), it will be rejected. |
| **\***11.4 | **本项目不接受选择性报价或者具有附加条件的报价。****Selective quotes or Quotes with additional conditions: Not available** |
| **\***11.5 | **本项目最高投标限价：RMB 8,100,000 or USD 1,123,470.00****The highest bid limit:RMB 8,100,000 or USD1,123,470.00** |
| **\*11.6.1** | **关境内货物投标报价为：完税后交货价****投标总价中还需包括双方的设计联络、工厂检验、工厂标准油漆、海运包装、运输费（含内陆运输费）、保险费、关税、税金、技术资料、现场技术服务以及买方人员的培训等所需的费用。**Bid price for domestic goods：**DDP**The total quotation should include liaison in the design phase, factory test, factory standard paint, marine packing, transportation fee(inland transportation fee), insurance, tariff, Taxes, technical information, onsite technical service and training provided to the buyer, etc. |
| **\*11.6.2** | **关境外货物投标报价为：CIF钦州港****投标总价中应包括设备、工装、设计联络、检验、包装、运输费、保险费、安装调试、必须的备品备件、预验收、技术资料、现场技术服务，以及培训等所需的费用，并有详细的分项报价。**Bid price for foreign goods: CIF Qinzhou Port The total bid price should include equipment, tooling, design liaison, inspection, packaging, transportation, insurance, taxes, installation and commissioning, necessary spare parts, pre-acceptance, technical documents, on-site technical services, and training costs. And there are detailed itemized quotations. In addition, all warehouse to warehouse insurance (end user Nanning warehouse) must be included. |
| 12.1 | 关境内货物投标货币：人民币Bid Currencies for domestic goods: RMB |
| 12.2 | 关境外货物投标货币：美元Bid Currencies for foreign goods: USD |
| **\*13.1** | **投标人应满足的资格要求：****1）本项目不接受联合体的投标。****2）除招标文件第一册中所要求提供的资格证明文件以外，投标人编制的投标文件中还须包含以下文件：****a. 营业执照副本复印件加盖红章（国内投标人提供）****3）投标人必须是制造商，在招标机构登记并购买了招标文件，并已在机电产品招标投标电子交易平台成功注册。****4）投标人必须是来自中华人民共和国或是与中华人民共和国有正常贸易往来的国家或地区的法人或其他组织，具备承担本次采购内容的能力。****5）业绩要求：无。****6）投标人需要满足近3年没有处于严重违法失信企业名单、失信惩戒对象、安全生产失信联合惩戒黑名单、责令停业，财产被接管、冻结及破产等状态。**Qualification requirements:1) Consortium bid is not accepted.2) Besides the required certified qualification documents listed in Volume One in the Bidding Documents, the following documents should also be included in the bids：a. The domestic bidder should provide the copy of the Business License with the red stamp.3) Bidders must be manufacturers, registered and purchased bidding documents with the bidding agency, and successfully registered on the electronic trading platform for mechanical and electrical product bidding.4) Bidders must be legal persons or other organizations from the People's Republic of China or countries or regions that have normal trade relations with the People's Republic of China, and have the ability to undertake the content of this procurement.5) Performance requirement: None.1. Bidders must meet the requirement that they have not been on the list of seriously illegal and dishonest enterprises, dishonest punishment objects, safety production dishonesty joint punishment blacklist, ordered to suspend business, had their assets taken over, frozen, or bankrupt in the past 3 years.

Joint Bids: NOT Available. |
| 14.3 | 1）货物主要技术指标和性能的详细说明：本项必须作为投标文件的一部分，不能用第一册附件4（货物说明一览表）、第一册附件5（技术规格偏离表）或者产品说明书来代替。A detailed description of the essential technical and performance characteristics of the goods: It should be a part of bids, but not replaced by Attachment 4 (Brief Description of the Goods) or Attachment 5 (Deviation Form for Technical Specifications) of Volume One or the Specification of Goods.2）须列出备品备件名称、数量、单价、货源及用途说明。如有专用工具也要列明。The name, quantity, unit price, source and purpose of the spare parts should be listed. If there is a special tool, it should be listed.3）对照招标文件技术规格，逐条说明所提供货物和服务已对买方的技术规格做出了实质性的响应，如有与技术规格条文偏离和例外的请申明，并按招标文件第一册附件5（技术规格偏离表）格式详细填写。除招标文件及以上规定的内容外，投标人还应提供关于从安装到验收的技术服务和培训的详细说明及工作计划。An item-by-item commentary on the Purchaser’s Technical Specifications demonstrating substantial response of the goods and services to those specification, or a statement of deviation and exception to provision of the Technical Specifications [Please fill in the form Attachment 5 (Deviation Form for Technical Specification)].Apart from the bidding document and contents specified above, the bidder should submit the detail description concerning with technical service and training in the period from the installation up to the acceptance as well as the working schedule. |
| **\*15.1** | **投标保证金金额：无****The amount of bid security is：None.** |
| 16.1 | 投标有效期：自投标截止期之日起90天Validity period of bid is: ninety (90) days before the deadline of bidding. |
| **\*17.1** | 副本的份数：5份Number of copies：five(5)**同时需报含投标文件所有内容的计算机文档，请以移动存储盘保存与投标文件一同递交。**The bidder should submit one copy of computer files of all documents in its bids. Please save the files in movable disk and submit it with the bidding documents. |
| **\*17.2** | **除没有修改过的印刷文献外，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 original bidding documents should be signed by the representative of the bidder. |
| **四、投标文件的递交 Submission of Bids** |
| 18.2 | 投标文件递交至：广西机电设备招标有限公司Address for bid submission：Guangxi Machinery and Electric Equipment Tendering Co., Ltd.项目名称：铜镍金电镀设备采购项目Name of project: Procurement Project of Copper-Nickel-Gold Electroplating Equipment招标编号：0633-2541SQ011313IFB title and number: 0633-2541SQ011313 |
| 19.1 | 投标截止期：2025年8月27日9:30（北京时间）Deadline for bid submission:August 27, 2025, 9:30 (Beijing Time) |
| **五、开标与评标 Opening and Evaluation of Bids** |
| 22.1 | 开标日期：2025年8月27日 时间：9:30（北京时间）地 点：广西机电设备招标有限公司Time, date, and place for bid opening: August 27, 2025, 9:30 (Beijing Time)Guangxi Machinery and Electric Equipment Tendering Co., Ltd. |
| 23.1 | 评标办法：综合评价法The Bid Evaluation Committee：Comprehensive evaluation method |
| 24.1 | 投标文件的初审：评标委员会将审查投标文件是否完整、总体编排是否有序、文件签署是否合格、投 标人是否提交了投标保证金、有无计算上的错误等。 |
| 24.2 | 算术错误将按下列方法更正： 投标文件的大写金额和小写金额不一致的，以大写金额为准；投标总价金额与按分 项报价汇总金额不一致的，以分项报价金额计算结果为准；分项报价金额小数点有 明显错位的，应以投标总价为准，并修改分项报价。 |
| 24.3 | 对于投标文件中不构成实质性偏差的不正规、不一致或不规则，评标委员会可以接 受，但这种接受不能损害或影响任何投标人的相对排序。 |
| 24.4 | 在详细评标之前，评标委员会要审查每份投标文件是否实质上响应了招标文件的要求。实质上响应的投标应该是与招标文件要求的关键条款、条件和规格相符，没有重大偏离的投标。对关键条文的偏离、保留或反对，例如关于投标保证金、适用法律、税及关税、加注星号（“\*”）的条款等内容的偏离将被认为是实质上的偏离。评标委员会决定投标的响应性只根据投标本身的真实无误的内容，而不依据外部的证据，但投标有不真实不正确的内容时除外。 |
| 24.5 | 实质上没有响应招标文件要求的投标将被否决。投标人不得通过修正、补充或撤 销不合要求的偏离或保留从而使其投标成为实质上响应的投标。招标文件要求提 供原件的，应当提供原件，否则将否决其投标。 |
| 25.1 | 评标货币：人民币以开标当日中国银行首次发布的投标货币对人民币的现汇卖出价进行投标货币对人民币的转换以计算评标价格。Evaluation Currency: RMB To facilitate evaluation, all bid prices will be converted to RMB. The exchange rate will be the selling rate of the bid currency to RMB first published by the Bank of China on the date of bid opening. |
| 26.2 | 评标总价： The total evaluated bid price:关境内产品：以所报的DDP为基础进行计算。For domestic goods: It will be calculated on the basis of DDP price.关境外产品：以所报的CIF钦州港价格为基础进行计算。For foreign goods: It will be calculated on the basis of CIF Qinzhou Port price. |
| 27 | 评价程序:1.初步评审:1.1 商务评议1.2 技术参数比较2.综合性评价:2.1【两步评价】第一级评价(商务、技术、服务)2.2【两步评价】第二级评价(商务、技术、服务)2.3 商务最终评分汇总、技术最终评分汇总、服务最终评分汇总、价格最终评分记录2.4 投标人最终评分汇总及排名和评审意见，计a)若第一步评价表评标委员会成员评分在平均等级范围内，则评标委员会成员第二步评价表评分按其第一步评价表评分取值;b)若某一评标委员会成员评分偏离所有评委技术评分均值±20%以上，则该评标委员会成员的评分分值被剔除，以其他未超出偏离范围的评委的评分均值替代。Evaluation Procedure:1. Preliminary review:1.1 Business Evaluation1.2 Comparison of Technical Parameters2. Comprehensive evaluation:2.1 [Two Step Evaluation] First Level Evaluation (Business, Technology, Service)2.2 [Two Step Evaluation] Second Level Evaluation (Business, Technology, Service)2.3 Business final score summary, technical final score summary, service final score summary, price final score record2.4 Final score summary, ranking, and evaluation opinions of bidders,metera) If the scores of the members of the evaluation committee in the first step evaluation form are within the average level range, the scores of the members in the second step evaluation form will be based on their scores in the first step evaluation form;b) If the score of a member of the evaluation committee deviates from the average technical score of all judges by more than ± 20%, the score of that member of the evaluation committee will be removed and replaced by the average score of other judges who do not exceed the deviation range. |
| 27.1 | 综合评价：评标委员会将对招标文件投标资料表中确定采用综合评价法评标的项目进行综合评价。评标委员会仅对初审合格的投标进行综合评价。招标人将依据招标项目的具体情况，确定本次招标项目的评价因素及其权重、评价标准、评价程序和定标原则，详见投标资料表-综合评价法细则。Comprehensive evaluation: The evaluation committee will conduct a comprehensive evaluation of the projects determined to be evaluated using the comprehensive evaluation method in the bidding data sheet of the bidding documents. The evaluation committee will only conduct a comprehensive evaluation of the bids that have passed the initial review. The tenderer will determine the evaluation factors and their weights, evaluation standards, evaluation procedures, and bidding principles for this bidding project based on the specific situation of the bidding project. Please refer to the detailed rules of the comprehensive evaluation method in the bidding data sheet for details. |
| 27.2.3 | 有关有效独立评价值:若某一评标委员会成员评分偏离所有评委技术评分均值±20%以上，则该评标委员会成员的评分分值被剔除，以其他未超出偏离范围的评委的评分均值替代。评标委员会成员的分项评分偏离均超过评标委员会全体成员的评分均值±20%，则以评标委员会全体成员的评分均值作为该投标人的分项得分。小数点后的精确位数:2 位小数。Regarding the effective independent evaluation value: If the score of a member of the evaluation committee deviates from the average technical score of all judges by more than ± 20%, the score of that member of the evaluation committee will be removed and replaced by the average score of other judges who do not exceed the deviation range.If the sub item scores of the members of the evaluation committee deviate by more than ± 20% from the average score of all members of the evaluation committee, the average score of all members of the evaluation committee shall be taken as the sub item score of the bidder.The exact number of decimal places: 2 decimal places. |
| 27.2.5 | 若投标人的第一级技术评价因素的评价值低于全体有效投标人的平均评价值30%以上(含)的，其投标将被否决。If the evaluation value of the first level technical evaluation factors of the bidder is lower than the average evaluation value of all valid bidders by more than 30% (inclusive), their bid will be rejected. |
| 27.8 | 中标候选人数量：推荐中标候选人数为1-3人Number of successful bidders:The recommended number of candidates for winning the bid is 1-3 people在进行综合评分后，综合排名第一的投标人作为推荐中标单位。若该投标人的评 标价格超过全体有效投标人的评标价格平均值 40%以上的；或该投标人的技术得分低 于全体有效投标人的技术得分平均值 30%以上的，评标委员会应推荐综合排名第二的 投标人为推荐中标人。如出现得分最高并列的情况，则推荐投标报价较低者为中标候 选人。如所有投标人均不符合推荐条件的，则本次招标无效。After comprehensive evaluation, the bidder ranked first in the overall ranking is recommended as the winning bidder. If the bidder's evaluationThe bid price exceeds the average evaluation price of all valid bidders by more than 40%; Or the bidder's technical score is lowIf the average technical score of all valid bidders exceeds 30%, the evaluation committee shall recommend the second ranked bidder based on comprehensive rankingThe bidder recommends the winning bidder. If there is a tie with the highest score, it is recommended that the bidder with a lower bid price be selected as the candidate for winning the bidChoose someone. If all bidders do not meet the recommended criteria, this bidding will be invalid. |
| **六、授予合同 Award of Contract** |
| 36.1 | 中标人须按如下规定向招标代理机构交纳招标代理服务费：（1）招标代理服务费：本项目代理服务费参照国家发展计划委员会计价格[2002]1980号《招标代理服务费管理暂行办法》收费标准、发改价格[2011]534号，并根据中标人的中标报价，按差额定率累进制下浮46.6%计算向中标人收取。（除招标代理服务费，专家评审费另行收取）。专家评审费以实际发生计取，由中标人在领取中标通知书时一次性向招标代理机构支付。（2）招标机构在发出中标通知书的同时从中标人的投标保证金中扣除上述金额的招标代理服务费，余款按投标人所汇入投标保证金的账户原路退回，如无法原路返回，则按《投标保证金退还申请书》列明的账户退回（中标人也可以在中标通知书发出前以银行转账或现金形式支付）。 |
| **适用于本投标人须知的额外增加的变动****Additional changes applicable to this Invitation for Bids** |
| 1 | **招标文件中，重要条款用“\*”表示，对这些条款的任何负偏离将导致投标被否决。**In bidding documents, important clauses should be marked **“\*”**. Any negative deviation with these key clauses should result in rejection of the bids. |
| 2 | **凡购买了本招标文件的有意向的投标人，必须对本招标文件的内容保密，不得向其他组织或个人透露本招标文件的内容。如有违反，招标人和招标机构有向其追究法律责任的权利。**The potential bidder who has bought the bidding document should keep the secret of it and not to reveal its content to any other organization or person. Or else, the tenderer and tendering agent are entitled to denounce his legal responsibility. |
| 3 | 投标文件中文版与英文版如有不符，以中文版为准。If the Bid Documents are any conflict between Chinese and English, the Chinese version shall prevail. |
| 4 | 招标文件中文版与英文版如有不符，以中文版为准。If there is any discrepancy between the Chinese and English versions of the bidding documents, the Chinese version shall prevail. |

**综合评价法细则**

Detailed Rules for Comprehensive Evaluation Method

初步评审

Preliminary review

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| --- | --- | --- |
| 序号Serial number | 类型type | 评分标准Scoring criteria |
| 1 | 商务评议过程中，有下列情形之一者，其投标将被否决：In the process of business evaluation, if any of the following situations occur, the bid will be rejected: | 1）投标人或其制造商与招标人有利害关系可能影响招标公正性的；2）投标人参与项目前期咨询或招标文件编制的；3）不同投标人单位负责人为同一人或者存在控股、管理关系的；4）投标文件未按招标文件的要求签署的；5）投标联合体没有提交共同投标协议的；6）投标人的投标书、资格证明材料未提供，或不符合国家规定或者招标文件要 求的；7）同一投标人提交两个以上不同的投标方案或者投标报价的，但招标文件要求 提交备选方案的除外；8）投标人未按招标文件要求提交投标保证金或保证金金额不足、保函有效期不足、投标保证金形式或出具投标保函的银行不符合招标文件要求的；9）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；10）投标报价高于招标文件设定的最高投标限价的；11）投标有效期不足的；12）投标人有串通投标、弄虚作假、行贿等违法行为的；13）存在招标文件中规定的否决投标的其他商务条款的。1) If the bidder or its manufacturer has a conflict of interest with the tenderer that may affect the fairness of the bidding process;2) Bidders who participate in pre project consultation or tender document preparation;3) If the responsible persons of different bidding units are the same person or there is a controlling or management relationship;4) The bidding documents were not signed in accordance with the requirements of the bidding documents;5) The bidding consortium has not submitted a joint bidding agreement;6) The bidding documents and qualification certificates of the bidder are not provided, or do not meet the requirements of national regulations or bidding documents;7) If the same bidder submits two or more different bidding schemes or bidding quotations, except for those required by the bidding documents to submit alternative schemes;8) The bidder fails to submit the bid security as required by the bidding documents, or the amount of the security is insufficient, the validity period of the guarantee is insufficient, or the form of the bid security or the bank issuing the bid security does not meet the requirements of the bidding documents;9) The bidding documents do not meet the important commercial terms requirements marked with an asterisk (\*) in the bidding documents;10) The bidding price is higher than the maximum bidding limit set in the bidding documents;11) The validity period of the bid is insufficient;12) Bidders who engage in illegal activities such as collusion in bidding, fraud, and bribery;13) There are other commercial terms specified in the bidding documents that reject bids. |
| 2 | 技术评议过程中，有下列情形之一者，其投标将被否决：During the technical evaluation process, if any of the following situations occur, the bid will be rejected: | 1）投标文件不满足招标文件技术规格中加注星号（“\*”）的重要条款（参数）要求，或加注星号（“\*”）的重要条款（参数）无符合招标文件要求的技术资料支持的；2）投标文件技术规格中一般参数超出允许偏离的最大范围或最多项数的；3）投标文件技术规格中的响应与事实不符或虚假投标的；4）投标人复制招标文件的技术规格相关部分内容作为其投标文件中一部分的；5）存在招标文件中规定的否决投标的其他技术条款的。1) The bidding documents do not meet the requirements of the important clauses (parameters) marked with an asterisk ("\*") in the technical specifications of the bidding documents, or the important clauses (parameters) marked with an asterisk ("\*") do not have technical data support that meets the requirements of the bidding documents;2) The general parameters in the technical specifications of the bidding documents exceed the maximum allowable deviation range or the maximum number of items allowed;3) The response in the technical specifications of the bidding documents does not match the facts or is a false bid;4) The bidder copies the relevant technical specifications of the bidding documents as part of their bidding documents;5) There are other technical clauses specified in the bidding documents that reject bids. |

综合评审

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| --- | --- | --- | --- | --- |
| 序号 | 第一级评价因素 | 第二级评价因素 | 分值权重 | 说明 |
| 1 | 技术方案分（满分40分）Technical Solution Division(out of 40 points) | （1）技术偏离（满分10分）投标人所投产品完全满足招标文件中第八章中“二、技术规格”要求的得10分，每有一项负偏离扣5分，最低得0分； 注：如技术要求及参数中有明确要求证明材料的，以技术要求及参数中要求的证明材料为准，如果技术要求及参数中没有明确要求证明材料的，则提供响应产品彩页或相应技术参数的厂家使用说明书作为技术证明文件，否则评审委员会有权视相应技术参数响应不符合要求（如厂家的产品使用说明书为英文版，请同时提供中文版）。(1) Technical deviation (out of 10 points)If the products submitted by the bidder fully meet the requirements of "II. Technical Specifications" in Chapter 8 of the bidding documents, 10 points will be awarded. For each negative deviation, 5 point will be deducted, with a minimum score of 0 points;Note: If there are clear requirements for supporting materials in the technical requirements and parameters, the supporting materials required in the technical requirements and parameters shall prevail. If there are no clear requirements for supporting materials in the technical requirements and parameters, the corresponding product color page or manufacturer's instruction manual for the corresponding technical parameters shall be provided as the technical supporting documents. Otherwise, the review committee has the right to consider that the corresponding technical parameter response does not meet the requirements (if the manufacturer's product user manual is in English, please also provide a Chinese version). | 10 | 不提供不得分No points awarded if not provided |
| （2）项目实施方案（满分10分）根据投标人针对本项目所提供的项目实施方案，包括但不限于项目到货计划、项目实施计划、项目运输保障、安装调试（安装调试的计划、步骤、人员安排等）、测试（测试的计划、流程、标准、人员安排等）等内容进行评审：①投标人针对本项目有明确具体的计划安排、对每个标的设备的运输过程有针对性保障手段（不限于设备包装、物流运输方式等）、设备到场时的专人安装调试有明确的安排措施、货物有明确的技术测试流程满足或优于项目要求得10分；②投标人针对本项目有明确的计划安排、对设备的运输过程有基本的保障手段（不限于设备包装、物流运输方式等）、设备到场时的专人安装调试有基本的安排措施，部分满足项目要求，得6分；③投标人针对本项目有简单的计划安排、对设备的运输过程有简单的保障手段（不限于设备包装、物流运输方式等）、设备到场时的专人安装调试有简单的安排措施、难以满足项目要求得 2分； ④其他情况或不提供得 0 分。(2) Project Implementation Plan (out of 10 points)Based on the project implementation plan provided by the bidder for this project, including but not limited to project arrival plan, project implementation plan, project transportation support, installation and commissioning (plan, steps, personnel arrangement, etc. for installation and commissioning), testing (plan, process, standards, personnel arrangement, etc. for testing), etc., a review will be conducted:① The bidder has clear and specific plans and arrangements for this project, targeted guarantee measures for the transportation process of each target equipment (not limited to equipment packaging, logistics transportation methods, etc.), clear arrangements for the installation and commissioning of dedicated personnel when the equipment arrives, and clear technical testing procedures for the goods that meet or exceed project requirements, earning10 points;② The bidder has a clear plan and arrangement for this project, basic guarantee measures for the transportation process of equipment (not limited to equipment packaging, logistics transportation methods, etc.), and basic arrangements for the installation and commissioning of dedicated personnel when the equipment arrives. Some of them meet the project requirements, earning 6 points;③ The bidder has a simple plan and arrangement for this project, simple guarantee measures for the transportation process of equipment (not limited to equipment packaging, logistics transportation methods, etc.), simple arrangements for dedicated personnel to install and debug the equipment upon arrival, and difficulty in meeting project requirements, earning 2 points;④ Other situations or not provided will receive 0 points. | 10 | 不提供不得分No points awarded if not provided |
| （3）设备综合评价（满分10分）①所投设备技术成熟度高、性能可靠性强、关键部件匹配性强，且具备先进性，得10分；②所投设备技术成熟度、性能可靠性、关键部件匹配性基本满足用户需求，但存在不足的，得6分；③所投设备技术成熟度、性能可靠性、关键部件基本不满足用户需求的，得2分；④其他情况或不提供得 0分。(3) Comprehensive evaluation of equipment (out of 10 points)① The equipment invested has high technical maturity, strong performance reliability, strong matching of key components and is progressiveness; 10 points;② If the technical maturity, performance reliability, and key component matching of the invested equipment basically meet the user's needs, but there are still shortcomings, 6 points will be given;③ If the technical maturity, performance reliability, and key components of the invested equipment do not meet the basic needs of users, 2 points will be awarded;④ Other situations or not provided will receive 0 points. | 10 | 不提供不得分No points awarded if not provided |
| （4）售后服务方案（满分5分）根据投标人针对本项目所提供的售后服务方案（含保修期内和保修期后方案），方案内容包括但不限于售后服务人员（人员资质、专人跟进、服务沟通等）的安排、售后服务计划安排、响应时间的及时性、提供备品备件服务等内容进行评审： ①投标人所提供的保修期内和保修期后售后服务方案内容详细，有完整合理的部署规划，有安排专人负责响应采购人的维修要求及服务过程中的沟通，有专业的、具有相关资质的售后服务人员，对需维修的设备有完整可行操作的维修处理方法，对日常维修和应急情况响应及时，承诺投标设备有原厂备品备件库存的，完全满足项目要求的得5分；②投标人所提供的保修期内和保修期后售后服务方案内容完整，有基本的部署规划，有安排专人负责响应采购人的维修要求及服务过程中的沟通，有专业的、具有相关资质的售后服务人员，对需维修的设备有基础保底操作的维修处理方法，对日常维修和应急情况响应不够及时，承诺投标设备有原厂备品备件库存的，部分满足项目要求的得3分； ③投标人所提供的保修期内和保修期后售后服务方案内容不完整，只提供了保修期内或保修期后的售后服务方案，或提供的售后服务方案内容简单不完整，维修服务安排无法满足项目要求，但有安排专人负责响应采购人的维修要求及服务过程中的沟通，有专业的、具有相关资质的售后服务人员，对需维修的设备没有提供操作的维修处理方法，对日常维修和应急情况响应慢，未承诺投标设备有原厂备品备件库存的，不能满足项目要求的得1分；④没有提供，或所提供的售后服务方案内容含糊，没有重点或没有安排专人负责响应采购人的维修要求及服务过程中的沟通的得 0 分。(4) After sales service plan (out of 5 points)According to the after-sales service plan provided by the bidder for this project (including plans during and after the warranty period), the plan includes but is not limited to the arrangement of after-sales service personnel (personnel qualifications, dedicated follow-up, service communication, etc.), the arrangement of after-sales service plans, the timeliness of response time, and the provision of spare parts services① The after-sales service plan provided by the bidder during and after the warranty period is detailed, with a complete and reasonable deployment plan, a dedicated person responsible for responding to the purchaser's maintenance requirements and communication during the service process, professional and qualified after-sales service personnel, complete and feasible maintenance methods for the equipment to be repaired, timely response to daily maintenance and emergency situations, and a commitment to having original spare parts inventory for the bidding equipment. If it fully meets the project requirements, 5 points will be awarded;② The after-sales service plan provided by the bidder during and after the warranty period is complete, with basic deployment planning, dedicated personnel responsible for responding to the purchaser's maintenance requirements and communication during the service process, professional and qualified after-sales service personnel, basic maintenance and handling methods for equipment that needs to be repaired, insufficient response to daily maintenance and emergency situations, and a commitment to having original spare parts inventory for the bidding equipment. Those who partially meet project requirements will receive 3 points;③ If the after-sales service plan provided by the bidder during or after the warranty period is incomplete, only providing the after-sales service plan during or after the warranty period, or the after-sales service plan provided is simple and incomplete, and the maintenance service arrangement cannot meet the project requirements, but there is a dedicated person responsible for responding to the purchaser's maintenance requirements and communication during the service process, and there are professional and qualified after-sales service personnel, but there is no operational maintenance method for the equipment that needs to be repaired, slow response to daily maintenance and emergency situations, and no commitment to having original spare parts inventory for the bidding equipment, which cannot meet the project requirements, 1 points will be given;④ If there is no provision, or the after-sales service plan provided is vague, lacks focus, or no dedicated person is arranged to respond to the purchaser's repair requirements and communicate during the service process, 0 points will be given. | 5 | 不提供不得分No points awarded if not provided |
| （5）培训方案（满分5分）投标人根据产品特点及保养事项制定培训方案（包括不限于培训内容、培训方式、培训师资、时间安排等），对采购人所使用设备人员提供设备操作及操作过程中注意事项等内容进行培训：①投标人针对本项目为采购人提供详细的培训方案，有专人指导的设备操作培训课程安排，有明确的课程内容及培训内容安排，对设备的操作过程中注意事项有详细指明，对特殊情况（如设备反复重启，操作失灵，错误操作等情况） 有图文详解及完整应对培训的，得 5 分；②投标人针对本项目为采购人提供基本的培训方案，有专人指导的设备操作培训课程安排，有简单的课程内容及培训内容安排，对设备的操作过程中注意事项有基本操作指明，对特殊情况（如设备反复重启、操作失灵、错误操作等情况）有图文详解及简单应对培训的，得 3 分； ③投标人针对本项目为采购人提供简单的培训方案，有专人指导但设备操作培训课程安排不明确，课程内容及培训内容安排不明确，对设备的操作过程中注意事项有基本的操作指明，对特殊情况（如设备反复重启、操作失灵、错误操作等情况）有图文详解但没有应对培训的，得 1 分； ④不提供培训方案，或所提供的培训课程安排杂乱，对操作培训含糊其辞，没有对特殊情况提供相关图文解说及应对培训的得 0 分。(5) Training Program (out of 5 points)The bidder shall develop a training plan based on product characteristics and maintenance matters (including but not limited to training content, training methods, training instructors, time arrangements, etc.), and provide training on equipment operation and precautions during the operation process for the equipment personnel used by the purchaser① If the bidder provides a detailed training plan for the purchaser for this project, with a dedicated person to guide the equipment operation training course arrangement, clear course content and training content arrangement, detailed instructions on the precautions during the equipment operation process, and detailed explanations and complete response training for special situations (such as repeated equipment restarts, operation failures, incorrect operations, etc.), 5 points will be awarded;② If the bidder provides the purchaser with a basic training plan for this project, with equipment operation training courses guided by dedicated personnel, simple course content and training content arrangements, basic operation instructions for the equipment operation process, and detailed explanations and simple response training for special situations (such as repeated equipment restarts, operation failures, incorrect operations, etc.), 3 points will be awarded;③ If the bidder provides a simple training plan for the purchaser for this project, with dedicated guidance but unclear equipment operation training course arrangement, course content and training content arrangement, basic operation instructions for the equipment operation process, and detailed graphic and textual explanations for special situations (such as repeated equipment restarts, operation failures, incorrect operations, etc.) without corresponding training, 1 point will be awarded;④ If no training plan is provided, or the training courses provided are arranged haphazardly, the operational training is vague, and no relevant graphic and textual explanations or response training are provided for special situations, 0 points will be awarded. | 5 | 不提供不得分No points awarded if not provided |
| 3 | 商务分（满分35分）Business Division(out of 35 points) | （1）项目业绩（满分10分）在中华人民共和国国内每销售1台同款设备的得5分，满分10分。投标人提供同类设备业绩，并在投标文件中列明业绩清单。业绩表中应表明用户、设备规格、生产日期。须提供合同书或用户报告或用户证明等业绩证明文件。(1) Project performance (out of 10 points)For each unit of the same model of equipment sold within the territory of the People's Republic of China, 5 points will be awarded, with a maximum of 10 points.The bidder shall provide performance of similar equipment and list the performance list in the bidding document. The performance table should indicate the user, equipment specifications, and production date. Performance proof documents such as contracts, user reports, or user certificates must be provided. | 10 | 不提供不得分No points awarded if not provided |
| （2）供货能力（满分20分）交货时间满足招标文件要求的得10分，投标人交货时间在招标文件要求前提下每提前1天的加2分，不足1天不得分，交货时间晚于招标文件要求的得0分。满分20分。(2) Supply capability (out of 20 points)If the delivery time meets the requirements of the bidding documents, 10 points will be awarded. If the bidder's delivery time is 1 day earlier than the requirements of the bidding documents, 2 points will be added. If it is less than 1 day, no points will be awarded. If the delivery time is later than the requirements of the bidding documents, 0 points will be awarded. Full score of 20 points. | 20 | 不提供不得分No points awarded if not provided |
| （3）质保期（满分5分）1.质保期每延长3个月的得0.5分，延长不足3个月的不计分，最高得3分。2.质保期外服务费、零配件价格优惠承诺，综合性价比最优得2分，综合性价比第二优得1分，综合性价比第三优得0.5分，其他排名不得分。(3) Warranty period (out of 5 points)1. For every 3-month extension of the warranty period, 0.5 points will be awarded. If the extension is less than 3 months, no points will be awarded, up to a maximum of 3 points.2. Promise of discounted service fees and spare parts prices outside the warranty period. The best comprehensive cost-effectiveness score is 2 point, the second best comprehensive cost-effectiveness score is 1 points, the third best comprehensive cost-effectiveness score is 0.5 points, and no other rankings will be scored. | 5 | 不提供不得分No points awarded if not provided |
| 3 | 价格（满分 25分）Price (out of 25points) | （1）基准价：有效报价的最低价。（2）计算得分：报价得分=(基准价/评审价)×25分。（3）有效报价：经算术修正的有效投标报价为有效报价。（4）最高得分25分，最低得分0分。(1) Benchmark price: the lowest price of a valid quotation.(2) Score calculation: Quotation score=(benchmark price/evaluation price) x 25 points.(3) Effective quotation: The valid bid price after arithmetic correction is the effective quotation.(4) The highest score is 25 points, and the lowest score is 0 points. | 25 | 不提供不得分No points awarded if not provided |

# **第七章 合同专用条款**

# **Section 7 Special Conditions of Contract**

本表关于要采购的货物的具体资料是对招标文件第一册第二章《合同通用条款》中合同条款的具体补充和修改，如有矛盾，应以本资料表为准。

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the General Condition of Contract (GCC), whenever conflict exists, the provisions herein shall prevail over those in GCC.

|  |  |
| --- | --- |
| 条款号Clause | 内 容Contents |
| 1.1 | 买方名称：广西华芯振邦半导体有限公司买方地址：中国(广西)自由贸易试验区南宁片区公岸路6号产投五象振邦产业园3号至6号整栋项目名称：铜镍金电镀设备采购项目Name of the Buyer: Hotchip Semiconductor Co.,Ltd.Address of the Buyer: No. 6 Gong’an Road, China (Guangxi) Pilot Free Trade Zone , Chantou Wuxiang Zhenbang Industrial Park Building 3 to 6, Nanning City, Guangxi Province, China.Name of project:Procurement Project of Copper-Nickel-Gold Electroplating Equipment |
| 11 | 目的地：买方现场（广西华芯振邦半导体有限公司）Final destination: the site of Buyer’s project（Hotchip Semiconductor Co.,Ltd.）. |
| 16.1 | 应提供的伴随服务有：1）~ 5）及招标文件中规定的附加服务Accidental service to be provided by the Seller: 1) ~ 5) and the additional service stipulated in the Bidding document. |
| 17.2 | 备品备件要求：按招标文件的规定Requirements of spare parts: According to the bidding document. |
| 18.2 | 质量保证期：从验收合格之日起质保一年。Quality guarantee period:The warranty period is one year from the date of acceptance. |
| 18.4 | 免费维修与更换缺陷部件的期限为:卖方在收到买方通知后7天内。Period of repair and replacement of defective parts forfree of charge：In 7 (seven) days after the Seller has received the Buyer’s notice. |
| 20.1 | 付款条件Payment Terms合同签署后7日内预付50%，设备发货之前通过招标人预验收后7日内支付40%，中标人交货设备到厂且完成调试经招标人验收合格后7日内支付5%，合同5%尾款作为设备的质量保证金，在设备质保期满且设备正常运转无任何问题或设备所存有的问题中标人已予以处理完善后，招标人在扣除相关质保维护费用后（若有）7日内一次性支付（无利息）。每次付款之前中标人需向招标人开具增值税专用发票。50% in advance within 7 days after the contract is signed, 40% within 7 days after the equipment is shipped through the pre-acceptance by the bidder, 5% within 7 days after the delivery of the equipment to the factory and the completion of commissioning is accepted by the bidder, and the final payment of 5% of the contract is used as the quality assurance fund of the equipment. Before each payment, the winning bidder needs to issue a special VAT invoice to the tenderer. |
| 35.1 | 买方通知送达地址：中国(广西)自由贸易试验区南宁片区公岸路6号产投五象振邦产业园3号至6号整栋The legal Address of the Buyer: No. 6 Gong’an Road, China (Guangxi) Pilot Free Trade Zone , Chantou Wuxiang Zhenbang Industrial Park Building 3 to 6, Nanning City, Guangxi Province, China.卖方通知送达地址：待定The legal Address of the Seller: to be defined |
| 36.2 | 互惠协议的标题是“中华人民共和国和投标人国家政府关于所得税和财产税避免双重征税和防止偷漏税的协定”（待定） |
| 备注 | 违约责任：卖方未按约定及时交付设备的，应每日按合同总价的5‰向买方支付违约金。延迟交货超过15日（含15日）的，买方有权解除本合同，并有权要求卖方退还买方已付款，同时卖方支付买方合同总价30%的违约金。Liability for breach of contract: If the seller fails to deliver the equipment in a timely manner as agreed, they shall pay the buyer a penalty of 5 ‰ of the total contract price per day. If the delivery is delayed for more than 15 days (including 15 days), the buyer has the right to terminate this contract and demand that the seller refund the payment already made by the buyer. At the same time, the seller shall pay a penalty of 30% of the total contract price to the buyer.其他：买方对卖方的权利义务标准，买方可根据实际情况予进行补充、细化或合理调整并告知卖方，卖方承诺不持异议。卖方确认，买方届时对权利义务标准进行补充、细化或合理调整的，不视为对合同的实质性变更，卖方不得以此为由要求调高合同项下费用或要求增加其他任何费用。合同的订立、效力、解释、履行和争议解决均适用中华人民共和国大陆地区法律。Other: The Buyer may supplement, refine, or reasonably adjust the standards of rights and obligations towards the Seller based on actual circumstances, provided that the Seller is duly notified. The Seller expressly agrees that any such supplementation, refinement, or reasonable adjustment by the Buyer shall not be deemed a material amendment to the contract. The Seller shall not use this as grounds to request an increase in contractual fees or demand any additional charges. The formation, validity, interpretation, performance, and dispute resolution of this contract shall be governed by the laws of Mainland China. |

# **第八章 货物需求一览表及技术规格**

# **Section 8 Schedule of Requirements and Technical Specifications**

**货物需求一览表**

**Part 1 Schedule of Requirements**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 货物名称Name of the Goods | 数量Amount | 交货期Time of shipment | 交货地点Port of Destination | 备注Remarks |
| 铜镍金电镀设备Copper-Nickel-Gold Electroplating Equipment | 1台1sets | 收到预付款后10日之内交货到招标人指定地点。Delivery to the place designated by the bidder within 10 days after receiving the advance payment. | 买方现场（广西华芯振邦半导体有限公司）the site of Buyer’s project（Hotchip Semiconductor Co.,Ltd.） | / |

**技术规格**

**Part 2 Technical Specifications**

|  |  |  |
| --- | --- | --- |
| 序号 | 项目 | 技术参数要求 Technical parameter requirements |
| 1 | 产品名称 | 铜镍金电镀机(挂式) |
| 2 | 数量 | 1台 |
| \*3 | \*设备性能 | 3.1产品规格：12寸晶圆3.2均匀性：12寸晶圆，U ≤10%，有效电镀面积>296mm3.3設備產能: ≥10,000 PCS/月(電鍍高度條件Cu 6um + Ni 1um + Au 1um，且鍍出之產品無異常情況)3.4 机台各槽体有效运行时间(Uptime)≥90%3.5 机台各槽体平均修复时间(MTTR)≤ 4小时3.6 机台各槽体平均故障间隔时间(MTBF) ≥168小时 |
| 4 | 设备构造 | 4.1 管路排布：管路位于槽体下部与机台维修侧；4.2 排风系统：风量可调节，配置数显负压监测系统，实时监测设备内部操作区域的负压状况，并可设定报警范围，超限及时提醒，确保药水气味不散发出来，保持车间环境；4.3 DI/N2 枪：氮气枪2把，水枪 2把，分布在操作侧与维修侧各一把4.4 防水托盘：设备整体置于PP托盘之上，有效防止药水滴漏到地板上；4.5 自动化行车：生产线内配有由伺服控制的自动化行车，行车行走平稳顺畅不晃动，定位精度高(±1mm)，重复性高,运行偏差小于2mm/1000次；行车运行速度可达6000mm/min以上;4.6 阳极位置上下左右可调整；4.7 设备具有barcode功能；4.8 电镀槽体与循环管路耐王水洗槽；4.9 機台所有零配件保證使用壽命需大於一年(鈦網、濾心除外) |
| 5 | 安全保护 | 5.1 漏电保护：设备整机设有防漏电断路保护装置5.2 防漏装置：设备底部安装10mm厚PP防漏托盘，并设有防漏感应装置(至少3个点)，并预留排废液接口5.3 线路保护：设备采用耐腐蚀& 耐温导线并通过耐腐蚀 PFA套管进行保护。5.4 加热保护：加热器采用过温保护，并配有双温控监测系统。加溫保護監測點，須監測加熱器周圍3cm內的溫度5.5 液位保护：槽体配置4級安全液位保护，當感應到L 或LL液位時，軟體連動禁止/停止循環與加熱，防止低液位加热器干烧及泵浦空转；5.6 EMO：前后、两侧均配有EMO按钮，EMO觸發後天車與電鍍製程須立即停止 |
| 6 | 槽体部 | 6.1 预处理：≥1 set, 槽内设有蓄水溢流、快排装置，挂具全面喷淋清洁, 以确保对晶圆表面充分预处理与基本水洗清洁，工艺时间与喷流水压可设定。6.2 电镀槽: ≥8 sets, Cu 4 sets, Ni 2 sets, Au 2 sets6.2.1 电镀电源采用高精密整流器，通电状况自动监测与控制，電流精度:±1mA。波动范围±5mA, 电压0-6V，电流0-9.9A。程序自动调整输出，自动进行单独电流补偿；6.2.2 氮气保护装置：电镀槽装有氮气保护装置；槽内有氮气风墙作为镀液氮气防护，并有流量表可控制流量；鍍液氧化需控制不影響鍍液使用壽命6.2.3 阳极：金电镀专用不溶性钛网阳极，溅射镀白金(≥3um厚度)，防止电镀金过程中的电位差。并有阳极位置调整机构\*6.2.4 槽体与管路材质: PP 或耐热PVC，禁止使用SUSS不锈钢材质做任何与镀液接触之配件6.2.5 循环泵: 须采用 IWAKI 不卡金款，卡钯金频率要低于5个月/次6.2.6 容量: 25L/槽6.3 电镀储液槽: 3 Sets(1-4號電鍍槽共用一個，5-6號電鍍槽共用一個，7-8號電鍍槽共用一個)6.3.1 实时进行温度监测,温度精确到±1℃儲液槽內配有內循環系統槽体配置4級安全液位保护，當感應到L 或LL液位時，軟體連動禁止/停止循環與加熱，防止低液位加热器干烧及泵浦空转；6.3.2 加热：槽体配有铁氟龙加热管, 功率≥5KW冷卻: 槽体配有铁氟龙冷卻管\*6.3.3 进水：槽体配有自动补水功能，维持药水液位。另有DI进水管路用于洗槽。\*6.3.4 鍍金槽体配有氮气保护装置，实时补充氮气，保护药水。并有氮气流量监控/调整6.3.5 排液回收独立区分回收管路与废水排放，回收管路具备软件卡控功能6.3.6 儲液槽容量: Cu約170L, Ni約100L,Au約100L6.3.7 渡槽水分蒸/揮發 <1.5L/小時6.4 水槽QDR: ≥6 sets6.4.1 具备喷淋、注水、溢流、快排、氮气鼓泡功能，确保产品清洗干净。6.4.2 注满水时间≤20秒，水全部排空时间≤15秒，喷淋范围可完全覆盖wafer6.4.3 可在触摸屏中可设定QDR的工艺参数：喷淋，注水，快排、氮气鼓泡的作用时间、循环次数等。6.5 附屬配置: 掛架暫存車≥1 sets |
| 7 | \*电器控制系统 | 7.1 设备运行过程中可对如下工艺参数进行监控记录： a.每个工艺槽体温度实时监控记录。 b.报警信息实时监控记录 。 c.监控每个槽的工艺电流与电压。 d.记录每片晶圆的生产时间。 e. 以上所有数据皆可导出成Excel档案7.2 设备运行过程中可对如下生产记录进行监控记录： a.每片产品工艺作业时间记录 b.每片产品作业前作业员识别记录 c.每片产品进入每个槽的时间记录 d.每片产品提出每个槽的时间记录 e.每片产品放料时间记录 f.每片产品下料时间记录 g.每片产品经过槽体、使用挂具、操作人员，镀液温度、制程程序 h. 以上所有数据皆可导出成Excel档案7.3 设备内部安装5个摄像头，实时记录行车运行状况与产品生产状况。并把相关影像资料储存起来。摄像记录资料可保存至少1个月。7.4 电镀操作控制系统 A.输出电流可预先设定调整并自行控制。 B.药水温度可预先设定调整并自行控制。 C.电镀时间可预先设定调整并自行控制。 D.电镀作业时自动检测通电状况，当电流电压出现大的波动，超出预先设定范围时会立即发出警报。波动范围可在recipe中预先设定。 E.可于系统中设定"开启/禁用"所有功能槽位(上下料与预处理槽除外) F.可于生产程序(recipe)中限定生产电镀槽体 G.扰流板晃动频率可预先设定并单槽调整 电压的波动为程序自动抓取前后时间段的电压进行比对，超出设定波动范围，即报警提示。 |
| 8 | 自动挂具拆卸设备 | 8.1 自动化拆卸：伺服电机控制的自动拆卸装置，定位精度高，重复性高；8.2 自动检测：安装完成后，自动检测wafer导电性，导电不良自动报警提示；8.3 拆卸与安装系统：8.3.1 每一套拆卸装置由1套拆卸机构组成，每套拆卸机构12个螺丝批头；隨機附10套以上批頭為備品更換8.3.2 所有的螺丝刀由统一的控制器控制，同时启动，同时停止，同样的扭力；8.3.3 所有螺丝刀同步动作，确保均匀同步锁紧或拆卸；可選擇單拆螺絲或單鎖螺絲等動作8.3.4 批头扭力可单独校正，超范围报警；需隨機附扭力校正工具 |
| 9 | 挂具 | 9.1 随机台附赠挂具数量: ≥槽体数X1.5, 掛具有效電鍍面積: ≥296.4mm9.2 挂架材质需耐热、耐酸碱，保证连续使用12个月内不产生任何变形9.3 挂具导电阻值≤2Ω9.4 若挂具有优化改版，须以最优惠价格提供更换/采购 |
| 10 | 售后服务 | 在质量保证期内货物发生故障，中标人必须免费提供维修服务。质量保证期内全免费上门维修、免费更换零部件；质量保证期过后提供终身维护。中标人对本项目货物提供终身服务，质量保证期外的服务费用由招标人和中标人另行商议。  |
| 11 | 质保要求 | 从验收合格之日起质保一年。 |
| 12 | 验收标准 | 中标人交货后需将设备调试至合格状态，设备需满足本需求方案技术要求。 |
| 13 | 其它要求及说明 | 1、投标人提供的设备应为符合技术规格的设备，如招标人厂验两次不符合招标技术要求及合同约定的，招标人有权单方解除采购合同，同时中标人应退还招标人所有已付款。2、投标人应根据招标文件的技术要求条款，在投标文件中详细说明所提供货物的技术规格和参数、关键部件及品牌产地清单。3、投标时应提供投标设备样本资料和主要技术文件，其中包括产品的特性描述，厂务二次配技术需求规格以及外形图样、安装场地要求等。4、投标人应对投标设备所涉及的包装、运保、安装、调试、验收、培训等全部费用计入投标总价。5、可以补充说明上述各项以外的附加功能或服务项目（包括需选购附属装置后，达到的功能），如含在投标总价中，请说明；如不含在总价中，请列单价；否则，将被视为已含在总价中。6、货物应具有防潮、防锈蚀、防震，并适合于远洋运输的包装，由于货物包装不良而造成的货物残损，过失应由投标单位承担，投标单位应在每个包装箱上用不褪色的颜色标明尺码、包装箱号码、毛重、净重及「此端向上」、「防潮」、「小心轻放」等标记，由于包装不良或采用不充分、不妥善的防护措施而造成的对商品的任何损坏和费用损失，均由投标人承担。 |

# **第九章 其他附件**

# **Section 9 Attachment**

**附件9-1 开标一览表 Attachment 9-1 Summary Sheet for Bid Opening**

投标人名称： 国别/地区： 招标编号： 包号：

Name of Bidder: Country /Area of Origin of Bidder: IFB No: Package No.:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号SerialNo. | 货物名称Name ofGoods | 型号和规格Model/Specification | 数量Quantity | 制造商名称和国籍/地区Name and Country**/**Area of Origin of Manufacturer | 报价方式Quotation Method | 投标货币Currency | 投标报价Bid Price  | 投标声明Bid Statement | 投标保证金Bid Security | 交货期Date ofDelivery | 交货地点Port of Destination | 备注Notes |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 投标总价Total Bid Price |  |

投标人代表签字：

Signature of Bidder:

注：**关境内货物投标报价：报价均为含13%增值税，关境外货物报价方式只需报CIF投标总价。**

Note: Domestic goods bidding quotation: the quotation is all inclusive of 13% VAT, and the quotation of foreign goods only needs to be submitted to CIF bid total price