上海光明领鲜物流有限公司

华东制冷机维保费及设备零配件招标

上海光明领鲜物流有限公司成立于2003年,是光明乳业股份有限公司的全资子公司，是一家具有雄厚实力和丰富物流管理经验的冷链物流企业。诚邀实力的企业参与项目投标。招标本着公开、公正、比质、比价、比服务、互惠、互利、守信的原则，通过合同采购方式确定合作关系。

一、 项目名称及地点

名称 ：华东制冷机维保及设备零配件招标

地点 ：光明领鲜物流金华、嘉兴、苏州、扬州4地物流中心。

1. 项目内容 ：
2. 项目名称：华东制冷机维保及设备零配件招标项目
3. 项目地点：金华物流中心（金华市大黄山工业园区熟溪路99号）、嘉兴物流中心（嘉兴市秀洲区加创路1238 号 ）苏州物流中心（苏州市相城区黄桥镇永方路北首55号光明物流 ）扬州物流中心(江苏省扬州市江都区宜陵镇焦庄村委会边(328国道边).
4. 冷机数量：金华6台，嘉兴5台，苏州15台，扬州6台 共计32台
5. 合同签订期限： 1年
6. 冷机保养服务内容：见附件《每月巡检内容表》

三、投标人须知：

1、在中华人民共和国境内注册，有独立法人资格，有独立承担民事责任的能力，有健全的、有效的管理制度的公司。

2、具备良好的人员组织管理和调度控制能力。

3、具备健全的财务制度、能够提供增值税专用发票。

4、具备相关行业企业资质

四、投标文件应包括

1、资质证明文件

2、有效的公司营业执照（合一版）（复印件）

3、开户许可证

4、法人代表授权书或法人代表身份证复印件

5、公司简介（注册时间、业务范围、规模、主要客户和业绩等）

6、**报价说明：冷机保养费报价请填写《冷机保养、维修人工费报价表》，保养内容含《每季度巡检内容表》里的所有保养服务内容。维修费只含人工费不含更换配件费用。配件报价请填写附件三《冷库制冷机组零配件价目表》。**

五、评标方法

领鲜物流将综合考虑公司业务发展和投标人资质、投标报价、服务能力、企业信用等要素后，进行客观、公正的综合评审，以综合评比最高投标人作为中标人。本次招标严禁恶意低价竞标，如投标方报价明显低于市场价格的，该报价经领鲜物流招标小组讨论后将作为无效报价，该投标方的投标行为将被终止。

六、投标文件递交截止日期为**2025年 3月 5日 17 时之**前 （以领鲜物流收到投标文件的时间为准）。所有投标文件统一使用档案袋包封，外封包应注明：“**上海光明领鲜物流有限公司华东制冷机维保及设备零配件招标项目**”字样和投标公司名称（加盖公章），否则作为废标。

七、联系方式

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| --- | --- |
| 联系人 | 严先生 |
| 联系电话 | 15900626177 |
| 投递地址 | 上海市浦东新区杨新路201号4号楼1楼 资产管理部 郑先生 收 15026666780 |
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附件一

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| 每季度巡检内容  乙方根据甲方要求对冷机进行保养,（全年4次，每季度1次）保养内容如下：  1、对甲方工厂的冷凝机组做全面检修。  A、清洁蒸发器，冷凝器以保证机组的正常运行；  B、蒸发器的化霜情况、风机运行情况检查；  C、检查制冷系统泄露情况，系统运行时吸排气压力的情况，确定是否缺氟；如缺氟则补充；  D、检查室内机震动情况,是否有保温或者管道  E、检查各电器连接线紧固情况并处理完好；  F、检查系统室内机化霜加热管及室外机压缩机电加热器绝缘性能及工作情况；  G 、检查室外机制冷系统保护器件的工作可靠性；  H、检查电加热保护系统；  L、检查冷凝水排管是否畅通；  2、对制冷系统做一次全面检修，检修内容如下：  A、检查电器部分：包括全部温度控制系统，保护系统，电加热及风扇马达；  B、检查制冷系统：主要检查制冷系统运行时吸排气压力情况，确定是否缺氟，如缺氟则补充；  C、每季度检查一次制冷系统和线路系统。  D、清洗冷凝水水管；  3、系统运行一年，每半年清洗一次系统，每半年检查温控一次，每季度检查一次制冷系统和线路系统。 | | | | | |
| 制冷区域： | | | | 设备名称： | |
| 序号 | 机组 | 保养项目 | 标准 | 实际 | 备注 |
| 1 | 手动/自动 | 自动 |  |  |
| 2 | 电气接线 | 无松动 |  |  |
| 3 | 高压 bar |  |  |  |
| 4 | 低压 bar |  |  |  |
| 5 | 运行电流 A |  |  |  |
| 6 | 运行电压 V |  |  |  |
| 7 | 设定温度℃ |  |  |  |
| 8 | 水冷机组出水温度℃ |  |  | 水冷机组 |
| 9 | 水冷机组回水温度℃ |  |  | 水冷机组 |
| 10 | 冷凝压力 bar |  |  |  |
| 11 | 冷凝温度 bar |  |  |  |
| 12 | 蒸汽压力 bar |  |  |  |
| 13 | 蒸发温度℃ |  |  |  |
| 14 | 机组结霜状况 | 无 |  |  |
| 15 | 冷冻油温度℃ |  |  |  |
| 16 | 冷冻油液位 | 中液位 |  |  |
| 17 | 漏油 | 无 |  | 注：螺杆机组有此项 |
| 18 | 机器震动 | ≤um |  |  |
| 19 | 散热风机 | 电气接线 | 无松动 |  |  |
| 20 | 运行状态 | 自动 |  |  |
| 21 | 运行状况 | 无异响及震动 |  |  |
| 22 | 螺丝 | 无松动 |  |  |
| 23 | 冷凝器 | 翅片 | 清洁 |  |  |
| 24 | 冷凝器风机 | 运转无异响 |  |  |
| 25 | 管道 | 管道 | 无破损及泄露 |  |  |
| 26 | 水泵 | 不反转 |  |  |
| 27 | 震动≤um |  |  |
| 28 | 保温 | 完好 |  |  |
| 29 | 膨胀阀 | 无结霜 |  |  |
| 30 | 手动阀门 | 灵活、无泄漏 |  |  |
| 31 | 电动阀门 | 动作灵敏 |  |  |
| 32 | 固定支架 | 良好、无松动 |  |  |
| 33 | 自动排气阀 | 正常排气无滴漏 |  |  |
| 34 | 蒸发器运行 | 电气连接 | 无松动 |  |  |
| 35 | 运行状况 | 无异响及震动 |  |  |
| 36 | 加热、除霜 | 正常加热无结霜 |  |  |
| 37 | 螺丝 | 无松动 |  |  |
| 注：1.点检时，“是”表示正常；2.能量化的，提供数据；  3.点检、保养时发现的异常情况，需在说明栏中说明原因及解决方案，提请甲方维修； | | | | | |

附件二**《冷机保养、维修费报价表》**

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| --- | --- | --- | --- | --- | --- | --- |
| 序号 | 项目 | 时间 | 地点 | 冷机保养、维修人工费报价（元/年） | 税率 | 备注 |
| 1 | 华东冷机保养 | 三个月 | 金华物流中心 |  |  | 含6台冷机 |
| 2 | 三个月 | 苏州物流中心 |  |  | 含15台冷机 |
| 3 | 三个月 | 嘉兴物流中心 |  |  | 含5台冷机 |
| 4 | 三个月 | 扬州物流中心 |  |  | 含6台冷机 |
| 注：1、报价含一年一次更换冷冻油。  2、报价除材料费外，含保养、维修、巡检等各项费用。 | | | | | | |

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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **冷库设备报价表** | | | | | | | | **项次** | **名 称** | **规 格** | **单 位** | **数 量** | **含税单价** | **未税单价** | | 一 | 压缩机以及配件 | | | | | | | 1 | 制冷压缩机 | （北京）比泽尔4DC-5.2/4DES-5 | 套 | 1 |  |  | | 2 | 压缩机线圈 | 比泽尔绕线圈 | 套 | 1 |  |  | | 3 | 压缩机活塞 | 压缩机活塞 | 套 | 1 |  |  | | 4 | 压缩机连杆 | 压缩机连杆 | 套 | 1 |  |  | | 5 | 压缩机曲轴 | 压缩机曲轴 | 套 | 1 |  |  | | 6 | 压缩机油泵 | 压缩机油泵 | 套 | 1 |  |  | | 7 | 压缩机密封垫 | 压缩机密封垫 | 套 | 1 |  |  | | 8 | 制冷压缩机 | （北京）比泽尔4H-25.2/4HE-25 | 套 | 1 |  |  | | 9 | 压缩机线圈 | 比泽尔绕线圈 | 套 | 1 |  |  | | 10 | 压缩机活塞 | 压缩机活塞 | 套 | 1 |  |  | | 11 | 压缩机连杆 | 压缩机连杆 | 套 | 1 |  |  | | 12 | 压缩机曲轴 | 压缩机曲轴 | 套 | 1 |  |  | | 13 | 压缩机油泵 | 压缩机油泵 | 套 | 1 |  |  | | 14 | 压缩机密封垫 | 压缩机密封垫 | 套 | 1 |  |  | | 15 | 制冷压缩机 | （北京）比泽尔4J-22.2/4JE-22 | 套 | 1 |  |  | | 16 | 压缩机线圈 | 比泽尔绕线圈 | 套 | 1 |  |  | | 17 | 压缩机活塞 | 压缩机活塞 | 套 | 1 |  |  | | 18 | 压缩机连杆 | 压缩机连杆 | 套 | 1 |  |  | | 19 | 压缩机曲轴 | 压缩机曲轴 | 套 | 1 |  |  | | 20 | 压缩机油泵 | 压缩机油泵 | 套 | 1 |  |  | | 21 | 压缩机密封垫 | 压缩机密封垫 | 套 | 1 |  |  | | 22 | 制冷压缩机 | （北京）比泽尔6F-40.2/6FE-44 | 套 | 1 |  |  | | 23 | 压缩机线圈 | 比泽尔绕线圈 | 套 | 1 |  |  | | 24 | 压缩机活塞 | 压缩机活塞 | 套 | 1 |  |  | | 25 | 压缩机连杆 | 压缩机连杆 | 套 | 1 |  |  | | 26 | 压缩机曲轴 | 压缩机曲轴 | 套 | 1 |  |  | | 27 | 压缩机油泵 | 压缩机油泵 | 套 | 1 |  |  | | 28 | 压缩机密封垫 | 压缩机密封垫 | 套 | 1 |  |  | | 29 | 制冷压缩机 | （北京）比泽尔6G-30.2/6GE-34 | 套 | 1 |  |  | | 30 | 制冷压缩机 | （北京）比泽尔6H35.2/6HE-35 | 套 | 1 |  |  | | 31 | 制冷压缩机 | （北京）比泽尔6J-22.2/6JE-25 | 套 | 1 |  |  | | 32 | 制冷压缩机 | （北京）比泽尔4N-20.2/4NES-20 | 套 | 1 |  |  | | 33 | 制冷压缩机 | （北京）比泽尔4VCS-10.2/4VES-10 | 套 | 1 |  |  | | 34 | 制冷压缩机 | （北京）比泽尔4NCS-12.2/4NES-14 | 套 | 1 |  |  | | 35 | 制冷压缩机 | （北京）比泽尔4PCS-10.2/4PES-12 | 套 | 1 |  |  | | 36 | 制冷压缩机 | （北京）比泽尔4PCS-15.2/4PES-15 | 套 | 1 |  |  | | 37 | 制冷压缩机 | （北京）比泽尔4G-30.2/4GE-30 | 套 | 1 |  |  | | 38 | 制冷压缩机 | （北京）比泽尔4DC-7.2/4DES-7 | 套 | 1 |  |  | | 39 | 压缩机拆修人工费 | 压缩机拆修人工费 | 台 | 1 |  |  | | 40 | 电机热保护模块 | 比泽尔SE-B1/SE-B2 | 件 | 1 |  |  | | 42 | 阀板 | 比泽尔阀板 | 套 | 1 |  |  | | 二 | 冷凝器以及冷风机电机 | | | | | | | 1 | 冷凝器，冷风机电机 | 冷凝器/冷风机电机350mm | 套 | 1 |  |  | | 2 | 冷凝器，冷风机电机 | 冷凝器/冷风机电机400mm | 套 | 1 |  |  | | 3 | 冷凝器，冷风机电机 | 冷凝器/冷风机电机450mm | 套 | 1 |  |  | | 4 | 冷凝器，冷风机电机 | 冷凝器/冷风机电机500mm | 套 | 1 |  |  | | 5 | 冷凝器，冷风机电机 | 冷凝器/冷风机电机550mm | 套 | 1 |  |  | | 6 | 冷凝器，冷风机电机 | 冷凝器/冷风机电机600mm | 套 | 1 |  |  | | 7 | 冷凝器，冷风机电机 | 冷凝器/冷风机电机630mm | 套 | 1 |  |  | | 8 | 冷凝器/蒸发冷 | 冷凝器/蒸发冷清洗 | 台 | 1 |  |  | | 三 | 制冷剂以及配件 | | | | | | | 1 | 制冷剂 | 美国伟昌R22 | 瓶 | 1 |  |  | | 2 | 制冷剂 | 美国伟昌507 | 瓶 | 1 |  |  | | 3 | 制冷剂 | 美国伟昌440A | 瓶 | 1 |  |  | | 4 | 冷冻油 | 3GS冷冻油（比利时） | 桶 | 1 |  |  | | 5 | 比泽尔冷冻油 | 比泽尔冷冻油BSE32 | 桶 | 1 |  |  | | 6 | 电磁阀 | 丹佛斯电磁阀19 | 套 | 1 |  |  | | 7 | 膨胀阀 | 丹佛斯膨胀阀11冷吨 | 套 | 1 |  |  | | 8 | 压力控制器 | 丹佛斯KP5 | 套 | 1 |  |  | | 9 | 压差控制器 | 丹佛斯MP54 | 套 | 1 |  |  | | 10 | 膨胀阀 | 丹佛斯膨胀阀TEX5 | 套 | 1 |  |  | | 11 | 接触器空开 | 接触器空开125（施耐德） | 套 | 1 |  |  | | 12 | 加热管 | 冷风机加热管DD140 | 套 | 1 |  |  | | 13 | 加热管 | 冷风机加热管DD120 | 套 | 1 |  |  | | 14 | 加热管 | 冷风机加热管DD100 | 套 | 1 |  |  | | 15 | 继电器 | 压缩机组电箱继电器（德力西） | 套 | 1 |  |  | | 16 | 压缩机电箱 | 压缩机电箱（施耐德） | 套 | 1 |  |  | |  | | | | | | | |