附件：

1. **技术和服务要求（以“★”标示的内容为不允许负偏离的实质性要求）**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 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整体规格400mm（±3%）×600mm（±3%）×（670-760）（±3%）mm,钢木结构、可升降（高度不超过760mm,共4档）,单人课桌。2.桌面：面板的颜色为橡木色，采用18mm厚优质三聚氰胺板，经数控雕刻机加工后，四周采用大型数控注塑机工程塑料qq一次性注塑封边成型，无接缝。包边颜色为蓝边，桌面中间是铅笔槽。桌面边为R角，符合人体工程学。3.桌斗规格：书斗内径尺寸450mm×300mm×150mm。采用优质钢板，经过大型设备一次拉伸成。书斗成圆角，没有直角，防磕碰。4.桌架：桌腿立柱管采用≥65mm×25mm×1.2mm的波浪形钢管。升降管采用≥15mm×55mm×1.2mm的波浪钢管，钢管一侧宽面有三条加强筋，与升降管三条加强筋相符，突出的加强筋能更牢固的卡住升降管，其余三面为内凹形设计更加牢固，接触面更加紧密。桌脚采用≥30mm×60mm×1.2mm的矩形钢管，焊接处光滑平整无虚焊现象。5.升降接口采用内塞式全新PE工程塑料一次注塑成型封头，接口结合紧密，无摇晃。采用高强度圆头螺栓连接。6.工艺a、下料采用全自动激光切割机，下料尺寸精确，保证产品结构的牢固性、合理性。b、弯形管均采用全自动弯管机弯管型，确保弯形尺寸的准确度。c、焊接采用镀铜焊丝二氧化碳保护焊，焊接无虚焊、漏焊、气孔等，所有焊渣经专业工具处理干净，保证外观光洁平整。d、所有钢材机械抛丸机进行除锈，除油后经高温静电喷塑高温恒温烘烤，喷塑层厚度在50-75Um之间，表面硬度≥4，涂层耐腐蚀100h以上(，附着力不低于2级（可溶性铅含量≤90，可溶性镉≤75可溶性铬≤60可溶性汞≤60，领苯二甲酸酯等符合国家标准）。保证喷塑质量的稳定性和可靠性。7.外观钢材表面涂层均匀牢固，无流挂、气泡等缺陷。塑料件表面平整、色彩均匀、有光泽。整体着色采用亮色搭配，美观大方，符合青少年身心发展特点。塑料件颜色一致无色差。8.椅面尺寸400mm\*360mm 钢木结构、可升降、单人课椅(高不超过380-440mm，共4档)。9.规格：坐板尺寸为400mm\*360mm\*18mm，背板尺寸为400mm\*180mm\*18mm，采用优质三聚氰胺板，经过大型注塑设备一次注塑成型，面板边子为蓝色。10.桌腿立柱管采用≥65mm×25mm×1.2mm的波浪形钢管。升降管采用≥15mm×55mm×1.2mm的波浪钢管，钢管一侧宽面有三条加强筋，与升降管三条加强筋相符，突出的加强筋能更牢固的卡住升降管，其余三面为内凹形设计更加牢固，接触面更加紧密。桌脚采用≥30mm×60mm×1.2mm的矩形钢管，椅背管采用≥20mm×20mm×1.2mm的矩形钢管，焊接处光滑平整无虚焊现象。11.脚套采用全新PE工程塑料一次注塑成型，采用自攻丝固定，牢固耐磨。12.工艺a、下料采用全自动激光切割机，下料尺寸精确，保证产品结构的牢固性、合理性。b、弯形管均采用全自动弯管机弯管型，确保弯形尺寸的准确度。c、焊接采用镀铜焊丝二氧化碳保护焊，焊接无虚焊、漏焊、气孔等，所有焊渣经专业工具处理干净，保证外观光洁平整。d、所有钢材机械抛丸机进行除锈，除油后经高温静电喷塑高温恒温烘烤，喷塑层厚度在50-75Um之间，表面硬度≥4，涂层耐腐蚀100h以上(，附着力不低于2级（可溶性铅含量≤90，可溶性镉≤75可溶性铬≤60可溶性汞≤60，领苯二甲酸酯等符合国家标准）。保证喷塑质量的稳定性和可靠性。13.钢材表面涂层均匀牢固，无流挂、气泡等缺陷。塑料件表面平整、色彩均匀、光泽。整体着色采用亮色搭配，美观大方，符合青少年身心发展特点。塑料件颜色一致无色差。椅架外侧无螺丝外露，防止挂蹭。   （课桌椅制造商提供以下材料：环保检测证明扫描件加盖制造商公章） | | 套 | |  | | | 3910 | | |  | | | | | **序号** | **名称** | | | **参考规格型号和配置技术参数** | | | | **单位** | | |  | | **数量** | | |  | | | 1 | 纸质图书 | | | 1. 图书印刷质量要求：本次采购《中图法》中所有类目的图书，内容健康，图书印刷质量执行《中华人民共和国产品质量法》及《关于印发＜图书质量管理规定＞（试行）的通知（新出图[1992]1266号文件）》中的规定。印刷技术术语依据GB9851标准。 1.1封面印刷:套印准确，字、图、点、线印迹清楚，不花、不毛、不糊，实地版墨色均匀，无回胶印，背面不脏。  1.2插图印刷  1.2.1 插印准确，层次分明，轮廓实，电分制版无浮雕印。 1.2.2 网点清晰饱满，小点不秃，大点光洁不糊，质感好。 1.2.3 墨色均匀厚实，色彩鲜艳有光泽，肤色正，接版准确，色调深浅一致。 1.3 正文印刷。 1.3.1 压力：压力适度，全书前后轻重一致。 1.3.2 墨色：全书前后墨色一致，浓淡适度。 1.3.3 套印：版面端正，正反套印准确。  1.3.4 文字：文字、标点清晰，笔锋挺秀，无缺笔断划，标题黑实不花，小字不糊不瞎。  1.3.5 其它：书面无脏污、破损，无钉花、野墨。  1.4 装订  1.4.1 开本尺寸符合设计要求，套书规格一致，成品裁切方正，无明显刀花，无连接页、折角、破头。  1.4.2 书脊平整，无空脊、起泡、明显皱纹，书脊字居中，封面齐色，边框要色正。  1.4.3 全书页码折正，书面平服，无皱纹、凸肚，钉距匀称，坚实牢固，易翻不脱页无缺页、重页、倒装。  1.4.4 其它：书目整洁，无脏污、破页、野胶。 2. 图书出版和投标要求  2.1 投标图书必须是经国家批准的出版机构出版的有版权的正式出版物。  2.2 投标图书必须是最新版本。投标人所投标图书若历经多次改版修订，必须选取最新版本进行投标。若同一图书存在多家出版社出版的情况，应优先选择在行业内具有较高知名度、口碑良好、出版质量有可靠保障且学术影响力较大的出版社所出版的图书。   2.3 本次招标不包括期刊类、尚未出版完毕的系列图书及课本、教参、课（内）外作业（练习）等内容的图书，且不包括单独的电子出版物。 3.包装要求  3.1 卖方应提供图书运至合同规定的最终目的地所需要的包装，以防止图书在运转中损坏或变质。这类包装应采取防潮、防腐及防止其他损坏的必要保护措施，从而保护图书能够经受多次搬运、装卸及各种长途运输。  3.2 包装（箱）内应附有详细的装箱单和验收单，包装（箱）外应附有清晰、牢固的发货单。 4、中标商必须提供正版图书，图书符合2019年全国中小学图书推荐目录，配合学校做好图书选配、上架工作。  （投标人出具提供正版图书承诺函） | | | | 批 | | |  | | 1 | | |  | | | **十月田学校初中物理** | | | | | | | | | | | | | | | | | | | | | **编号** | | | **名称** | | | **规格** | | **单位** | |  | | | | **选购数量** | | |  | | | | | 02010 | | | 手摇抽气机 | | | 双缸式 | | 台 | |  | | | | 1 | | |  | | | | 02051 | | | 放大镜 | | | 手持式，有效通光孔径不小于30mm，5倍 | | 个 | |  | | | | 10 | | |  | | | | 02060 | | | 望远镜 | | | 双筒，7×35 | | 个 | |  | | | | 2 | | |  | | | | 02101 | | | 听诊器 | | | 医用 | | 个 | |  | | | | 2 | | |  | | | | 02103 | | | 注射器 | | | 100ml | | 支 | |  | | | | 20 | | |  | | | | 02115 | | | 透明盛液筒 | | | φ100mm×300mm | | 个 | |  | | | | 2 | | |  | | | | 02116 | | | 透明水槽(圆形或方形) | | | φ270mm×高140mm，或300mm×300mm×高150mm | | 个 | |  | | | | 10 | | |  | | | | 02125 | | | 碘升华凝华管 | | | 密封式 | | 个 | |  | | | | 20 | | |  | | | | 03001 | | | 物理支架 | | | 符合JY/T 0393-2007标准 | | 套 | |  | | | | 2 | | |  | | | | 10010 | | | 游标卡尺 | | | 125mm，0.05mm或0.02mm | | 把 | |  | | | | 2 | | |  | | | | 11001 | | | 物理天平 | | | 500g | | 台 | |  | | | | 2 | | |  | | | | 11004 | | | 托盘天平 | | | 200g，0.2g | | 台 | |  | | | | 15 | | |  | | | | 11005 | | | 托盘天平 | | | 500g，0.5g | | 台 | |  | | | | 2 | | |  | | | | 11015 | | | 单杠杆天平 | | | 100g，0.01g，链式 | | 台 | |  | | | | 2 | | |  | | | | 11018 | | | 案秤 | | | 10kg，10g | | 台 | |  | | | | 1 | | |  | | | | 11022 | | | 金属槽码 | | | 10g×1，20g×2，50g×2，200g×1，另附10g金属槽码盘 | | 套 | |  | | | | 30 | | |  | | | | 12001 | | | 机械停表 | | | 0.1s | | 块 | |  | | | | 20 | | |  | | | | 13001 | | | 温度计 | | | 红液，0℃～100℃ | | 支 | |  | | | | 50 | | |  | | | | 13003 | | | 温度计 | | | 水银，0℃～200℃ | | 支 | |  | | | | 10 | | |  | | | | 13004 | | | 演示温度计 | | | 符合JY/T 0393-2007标准 | | 只 | |  | | | | 2 | | |  | | | | 13010 | | | 体温计 | | | 水银，35℃～42℃ | | 支 | |  | | | | 50 | | |  | | | | 13020 | | | 寒暑表 | | | 符合JY/T 0393-2007标准 | | 只 | |  | | | | 2 | | |  | | | | 14001 | | | 条形盒测力计 | | | 10N | | 个 | |  | | | | 20 | | |  | | | | 14002 | | | 条形盒测力计 | | | 5N | | 个 | |  | | | | 20 | | |  | | | | 14003 | | | 条形盒测力计 | | | 2.5N | | 个 | |  | | | | 20 | | |  | | | | 14004 | | | 条形盒测力计 | | | 1N，分度值0.02N | | 个 | |  | | | | 20 | | |  | | | | 14005 | | | 圆筒测力计 | | | 5N | | 个 | |  | | | | 20 | | |  | | | | 14008 | | | 平板测力计 | | | 5N | | 个 | |  | | | | 20 | | |  | | | | 14011 | | | 演示测力计 | | | 0N～2N | | 个 | |  | | | | 2 | | |  | | | | 15006 | | | 电能表 | | | 符合GB 4706.1-2005《家用和类似用途电器的安全 第 1 部分：通用要求》和 JY/T 0387-2006《教学仪器设备产品一般质量要求》，具体参数：220V,2A | | 只 | |  | | | | 2 | | |  | | | | 16002 | | | 密度计 | | | 密度<1 | | 支 | |  | | | | 20 | | |  | | | | 21003 | | | 运动和力实验器 | | | 长、短斜面，小车，小球2个，硬盒，毛巾，布 | | 套 | |  | | | | 10 | | |  | | | | 21004 | | | 惯性演示器 | | | 符合JY/T 0528—2022标准 | | 套 | |  | | | | 10 | | |  | | | | 21005 | | | 摩擦计 | | | 符合 JY 40 | | 套 | |  | | | | 10 | | |  | | | | 21007 | | | 阿基米德原理实验器 | | | 符合JY 2－2003 | | 套 | |  | | | | 10 | | |  | | | | 21008 | | | 阿基米德原理及其应用实验器 | | | 符合JY175 | | 套 | |  | | | | 10 | | |  | | | | 21009 | | | 液体压强与深度关系实验器 | | | 符合JY107 | | 个 | |  | | | | 10 | | |  | | | | 21010 | | | 连通器 | | | 符合JY232 | | 个 | |  | | | | 20 | | |  | | | | 21012 | | | 浮力原理演示器 | | | 符合JY/T 0408-2010标准 | | 套 | |  | | | | 10 | | |  | | | | 21013 | | | 物体浮沉条件演示器 | | | 符合JY/T 0370-2004标准 | | 套 | |  | | | | 10 | | |  | | | | 21014 | | | 潜水艇浮沉演示器 | | | 符合JY/T 0370-2004标准 | | 套 | |  | | | | 2 | | |  | | | | 21015 | | | 液体内部压强实验器 | | | J2113型 | | 套 | |  | | | | 30 | | |  | | | | 21016 | | | 微小压强计 | | | J2114型 | | 台 | |  | | | | 30 | | |  | | | | 21017 | | | 液体对器壁压强演示器 | | | 符合JY/T 0229-2019标准 | | 台 | |  | | | | 30 | | |  | | | | 21018 | | | 气体浮力演示器 | | | 符合Q/YSM377-2019标准 | | 套 | |  | | | | 20 | | |  | | | | 21019 | | | 马德堡半球 | | | 符合JY 108-1982《马德堡半球（试行）》标准 | | 套 | |  | | | | 2 | | |  | | | | 21021 | | | 压力和压强演示器 | | | 符合JY/T 0541—2022标准 | | 盒 | |  | | | | 30 | | |  | | | | 21022 | | | 流体流速与压强关系演示器 | | | 符合JY/T 0541—2022《流体压强与流速关系演示器通用要求》标准 | | 套 | |  | | | | 15 | | |  | | | | 21030 | | | 杠杆 | | | 符合JY 172《杠杆》 标准 | | 套 | |  | | | | 30 | | |  | | | | 21037 | | | 飞机升力原理演示器 | | | Q/FJTG 072-2017《飞机升力原理演示器》 标准 | | 套 | |  | | | | 2 | | |  | | | | 22205 | | | 机械能热能互变演示器 | | | 符合JY 177《机械能热能互变演示器》标准 | | 套 | |  | | | | 2 | | |  | | | | 22208 | | | 热传导演示器 | | | 符合JY 226《热传导演示器》标准 | | 个 | |  | | | | 2 | | |  | | | | 22210 | | | 气体做功内能减少演示器 | | | 符合JY 226-1987《热传导演示器》标准 | | 套 | |  | | | | 2 | | |  | | | | 22213 | | | 纸盆扬声器 | | | 直径不小于200mm，8Ω | | 台 | |  | | | | 5 | | |  | | | | 23001 | | | 玻棒(附丝绸) | | | 或有机玻棒(附丝绸)，教师用 | | 对 | |  | | | | 2 | | |  | | | | 23002 | | | 玻棒(附丝绸) | | | 或有机玻棒(附丝绸)，学生用 | | 对 | |  | | | | 30 | | |  | | | | 23003 | | | 胶棒(附毛皮) | | | 或聚碳酸酯棒(附毛皮)，教师用 | | 对 | |  | | | | 2 | | |  | | | | 23004 | | | 胶棒(附毛皮) | | | 或聚碳酸酯棒(附毛皮)，学生用 | | 对 | |  | | | | 30 | | |  | | | | 23005 | | | 箔片验电器 | | | 教师用 | | 对 | |  | | | | 2 | | |  | | | | 23006 | | | 箔片验电器 | | | 学生用 | | 对 | |  | | | | 10 | | |  | | | | 23008 | | | 感应起电机 | | | 符合JY 115标准 | | 台 | |  | | | | 2 | | |  | | | | 24018 | | | 小型电动机实验器 | | | 符合JY/T 0022-2011《小型电动机实验器》标准 | | 套 | |  | | | | 10 | | |  | | | | 24024 | | | 能的转化演示器 | | | 《初中理科教学仪器配备标准》（JY/T 0386—2006） | | 套 | |  | | | | 1 | | |  | | | | 25004 | | | 玻璃砖 | | | JY 140-1982《玻璃砖标准 | | 块 | |  | | | | 30 | | |  | | | | 25005 | | | 光具座 | | | JY/T 0329-1991《教学用光具座》标准 | | 套 | |  | | | | 5 | | |  | | | | 25008 | | | 白光的色散与合成演示器 | | | JY 0310-1991《白光的色散与合成演示器技术条件》标准 | | 套 | |  | | | | 2 | | |  | | | | 25010 | | | 平面镜成像实验器 | | | 符合JY 1-2003和JY 2-2003 | | 套 | |  | | | | 30 | | |  | | | | 25011 | | | 光的传播、反射、折射实验器 | | | 符合JY/T 0386-2006标准 | | 套 | |  | | | | 10 | | |  | | | | 25012 | | | 激光笔 | | | GB 7247.1-2012 | | 支 | |  | | | | 30 | | |  | | | | 31008 | | | 汽油机模型 | | | 压缩比：6 | | 个 | |  | | | | 2 | | |  | | | | 31009 | | | 柴油机模型 | | | 压缩比：14 | | 个 | |  | | | | 2 | | |  | | | | 61 | | | 量筒 | | | 10ml | | 个 | |  | | | | 20 | | |  | | | | 62 | | | 量筒 | | | 50ml | | 个 | |  | | | | 20 | | |  | | | | 63 | | | 量筒 | | | 100ml | | 个 | |  | | | | 20 | | |  | | | | 61002 | | | 试管 | | | φ15mm×150mm | | 支 | |  | | | | 30 | | |  | | | | 61007 | | | 试管 | | | φ30mm×200mm | | 支 | |  | | | | 30 | | |  | | | | 61023 | | | 烧杯 | | | 250ml | | 个 | |  | | | | 2 | | |  | | | | 61024 | | | 烧杯 | | | 500ml | | 个 | |  | | | | 2 | | |  | | | | 62001 | | | 酒精灯 | | | 150ml | | 个 | |  | | | | 20 | | |  | | | | 62032 | | | 漏斗 | | | 90mm | | 个 | |  | | | | 2 | | |  | | | | 64032 | | | 石棉网 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 60 | | |  | | | | 77 | | | 铁粉 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 瓶 | |  | | | | 1 | | |  | | | | 70021 | | | 碘 | | | 试剂，50克 | | 瓶 | |  | | | | 5 | | |  | | | | 70090 | | | 硫代硫酸钠(海波) | | | 试剂 | | 千克 | |  | | | | 10 | | |  | | | | 72025 | | | 酒精 | | | 95%，30公斤 | | 桶 | |  | | | | 2 | | |  | | | | 72028 | | | 石腊 | | | 符合GB/T 446-2010 标准 | | 千克 | |  | | | | 10 | | |  | | | |  | | | 合计（元） | | | | | | | | | | | | | |  | | | | **思源学校初中物理** | | | | | | | | | | | | | | | | | | | | | **编号** | | | **名称** | | | **规格** | | **单位** | |  | | | | **选购数量** | | |  | | | | | 02051 | | | 放大镜 | | | 手持式，有效通光孔径不小于30mm，5倍 | | 个 | |  | | | | 20 | | |  | | | | 02103 | | | 注射器 | | | 100ml | | 支 | |  | | | | 10 | | |  | | | | 02116 | | | 透明水槽(圆形或方形) | | | φ270mm×高140mm，或300mm×300mm×高150mm | | 个 | |  | | | | 10 | | |  | | | | 02125 | | | 碘升华凝华管 | | | 密封式 | | 个 | |  | | | | 20 | | |  | | | | 03001 | | | 物理支架 | | | 符合JY/T 0393-2007标准 | | 套 | |  | | | | 2 | | |  | | | | 03002 | | | 方座支架 | | | 符合JY167-84 | | 套 | |  | | | | 2 | | |  | | | | 03003 | | | 多功能实验支架 | | | 符合JY 167标准 | | 套 | |  | | | | 2 | | |  | | | | 04010 | | | 电池盒 | | | 可串并联 | | 个 | |  | | | | 50 | | |  | | | | 11 | | | 演示直尺 | | | 1mm | | 只 | |  | | | | 2 | | |  | | | | 12 | | | 木直尺 | | | 1mm | | 只 | |  | | | | 10 | | |  | | | | 14 | | | 钢直尺 | | | 200mm | | 只 | |  | | | | 30 | | |  | | | | 19 | | | 布卷尺 | | | 30m | | 盒 | |  | | | | 5 | | |  | | | | 11005 | | | 托盘天平 | | | 500g，0.5g | | 台 | |  | | | | 10 | | |  | | | | 12003 | | | 电子停表 | | | 0.1s | | 块 | |  | | | | 20 | | |  | | | | 13001 | | | 温度计 | | | 红液，0℃～100℃ | | 支 | |  | | | | 30 | | |  | | | | 13004 | | | 演示温度计 | | | 符合JY/T 0393-2007标准 | | 只 | |  | | | | 2 | | |  | | | | 13010 | | | 体温计 | | | 水银，35℃～42℃ | | 支 | |  | | | | 5 | | |  | | | | 14002 | | | 条形盒测力计 | | | 5N | | 个 | |  | | | | 50 | | |  | | | | 14005 | | | 圆筒测力计 | | | 5N | | 个 | |  | | | | 20 | | |  | | | | 14011 | | | 演示测力计 | | | 0N～2N | | 个 | |  | | | | 10 | | |  | | | | 15001 | | | 演示电表 | | | 直流电压、电流，检流；2.5级 | | 只 | |  | | | | 2 | | |  | | | | 15006 | | | 电能表 | | | 符合GB 4706.1-2005《家用和类似用途电器的安全 第 1 部分：通用要求》和 JY/T 0387-2006《教学仪器设备产品一般质量要求》，具体参数：220V,2A | | 只 | |  | | | | 1 | | |  | | | | 15008 | | | 直流电流表 | | | 2.5级，0.6A，3A | | 只 | |  | | | | 25 | | |  | | | | 15009 | | | 直流电压表 | | | 2.5级，3V，15V | | 只 | |  | | | | 25 | | |  | | | | 15010 | | | 灵敏电流计 | | | ±300μA | | 只 | |  | | | | 2 | | |  | | | | 15011 | | | 多用电表 | | | 不低于模拟式电表的交流5级,直流2.5级 | | 只 | |  | | | | 1 | | |  | | | | 21001 | | | 圆柱体组 | | | 符合教育行业标准《JY 131 圆柱体组》 | | 套 | |  | | | | 20 | | |  | | | | 21002 | | | 立方体组 | | | 铜，铁，铝，木材，不小于60cm3 | | 套 | |  | | | | 20 | | |  | | | | 21003 | | | 运动和力实验器 | | | 长、短斜面，小车，小球2个，硬盒，毛巾，布 | | 套 | |  | | | | 2 | | |  | | | | 21004 | | | 惯性演示器 | | | 符合JY/T 0528—2022标准 | | 套 | |  | | | | 4 | | |  | | | | 21005 | | | 摩擦计 | | | 符合 JY 40 | | 套 | |  | | | | 2 | | |  | | | | 21007 | | | 阿基米德原理实验器 | | | 符合JY 2－2003 | | 套 | |  | | | | 10 | | |  | | | | 21008 | | | 阿基米德原理及其应用实验器 | | | 符合JY175 | | 套 | |  | | | | 10 | | |  | | | | 21009 | | | 液体压强与深度关系实验器 | | | 符合JY 107 | | 个 | |  | | | | 10 | | |  | | | | 21010 | | | 连通器 | | | 符合JY232 | | 个 | |  | | | | 4 | | |  | | | | 21012 | | | 浮力原理演示器 | | | 符合JY/T 0408-2010标准 | | 套 | |  | | | | 2 | | |  | | | | 21013 | | | 物体浮沉条件演示器 | | | 符合JY/T 0370-2004标准 | | 套 | |  | | | | 4 | | |  | | | | 21014 | | | 潜水艇浮沉演示器 | | | 符合JY/T 0370-2004标准 | | 套 | |  | | | | 1 | | |  | | | | 21015 | | | 液体内部压强实验器 | | | J2113型 | | 套 | |  | | | | 30 | | |  | | | | 21016 | | | 微小压强计 | | | J2114型 | | 台 | |  | | | | 4 | | |  | | | | 21019 | | | 马德堡半球 | | | 符合JY 108-1982《马德堡半球（试行）》标准 | | 套 | |  | | | | 2 | | |  | | | | 21021 | | | 压力和压强演示器 | | | 符合JY/T 0541—2022标准 | | 盒 | |  | | | | 4 | | |  | | | | 21022 | | | 流体流速与压强关系演示器 | | | 符合JY/T 0541—2022《流体压强与流速关系演示器通用要求》标准 | | 套 | |  | | | | 2 | | |  | | | | 21030 | | | 杠杆 | | | 符合JY 172《杠杆》 标准 | | 套 | |  | | | | 10 | | |  | | | | 21031 | | | 演示滑轮组 | | | 单2，三并2，三串2，可卡2 | | 组 | |  | | | | 10 | | |  | | | | 21033 | | | 滚摆(麦克斯韦滚摆) | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 1 | | |  | | | | 21037 | | | 飞机升力原理演示器 | | | Q/FJTG 072-2017《飞机升力原理演示器》 标准 | | 套 | |  | | | | 2 | | |  | | | | 22004 | | | 单摆 | | | 一个摆球 | | 个 | |  | | | | 2 | | |  | | | | 22213 | | | 纸盆扬声器 | | | 直径不小于200mm，8Ω | | 台 | |  | | | | 2 | | |  | | | | 23008 | | | 感应起电机 | | | 符合JY 115标准 | | 台 | |  | | | | 2 | | |  | | | | 23010 | | | 小灯座 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 30 | | |  | | | | 23011 | | | 单刀开关 | | | JY/T0619-2019 | | 个 | |  | | | | 30 | | |  | | | | 23012 | | | 滑动变阻器 | | | 20Ω，2A；或10Ω，2A； | | 个 | |  | | | | 10 | | |  | | | | 23013 | | | 滑动变阻器 | | | 50Ω，1.5A | | 个 | |  | | | | 10 | | |  | | | | 23014 | | | 滑动变阻器 | | | 5Ω，3A | | 个 | |  | | | | 10 | | |  | | | | 24009 | | | 演示原副线圈 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 5 | | |  | | | | 24010 | | | 原副线圈 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 5 | | |  | | | | 24011 | | | 蹄形电磁铁 | | | 密绕细线，稀绕粗线 | | 组 | |  | | | | 4 | | |  | | | | 24012 | | | 电磁铁实验器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 台 | |  | | | | 2 | | |  | | | | 24013 | | | 电铃 | | | 立式 | | 个 | |  | | | | 2 | | |  | | | | 24017 | | | 左右手定则演示器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 25002 | | | 凹面镜 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 25003 | | | 凸面镜 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 25005 | | | 光具座 | | | JY/T 0329-1991《教学用光具座》标准 | | 套 | |  | | | | 30 | | |  | | | | 25008 | | | 白光的色散与合成演示器 | | | JY 0310-1991《白光的色散与合成演示器技术条件》标准 | | 套 | |  | | | | 2 | | |  | | | | 25010 | | | 平面镜成像实验器 | | | 符合JY 1-2003和JY 2-2003 | | 套 | |  | | | | 20 | | |  | | | | 25011 | | | 光的传播、反射、折射实验器 | | | 符合JY/T 0386-2006标准 | | 套 | |  | | | | 10 | | |  | | | | 25012 | | | 激光笔 | | | GB 7247.1-2012 | | 支 | |  | | | | 50 | | |  | | | | 62001 | | | 酒精灯 | | | 150ml | | 个 | |  | | | | 30 | | |  | | | | 62032 | | | 漏斗 | | | 90mm | | 个 | |  | | | | 4 | | |  | | | | 64005 | | | 镊子 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 40 | | |  | | | | 64032 | | | 石棉网 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 30 | | |  | | | | 64052 | | | 玻璃管 | | | φ7mm～φ8mm | | 千克 | |  | | | | 30 | | |  | | | | 72025 | | | 酒精 | | | 95%，30公斤 | | 桶 | |  | | | | 2 | | |  | | | | 72028 | | | 石腊 | | | 符合GB/T 446-2010 标准 | | 千克 | |  | | | | 5 | | |  | | | | 80104 | | | 家庭电路器材 | | | 空气开关、漏电保护器、螺丝口灯座、卡口灯座、三孔插座、三孔插头、插入式保险盒、拉线开关、按钮开关、声控开关、光控开关、导线等 | | 套 | |  | | | | 2 | | |  | | | | 80106 | | | 彩色透光片 | | | 红、绿、蓝 | | 套 | |  | | | | 4 | | |  | | | | 80107 | | | 颜料的三原色 | | | 品红、黄、蓝 | | 份 | |  | | | | 2 | | |  | | | | 80108 | | | 甲电池 | | | QB 1732-1993 | | 个 | |  | | | | 100 | | |  | | | | 80109 | | | 1号电池 | | | 每组2至3个 | | 组 | |  | | | | 400 | | |  | | | | 80110 | | | 电珠(小灯泡) | | | 2.5V或3.8V | | 个 | |  | | | | 100 | | |  | | | | 80111 | | | 洗洁精 | | | 符合《GB14930.1—2022 食品安全国家标准 洗涤剂》 | | 瓶 | |  | | | |  | | |  | | | | 80112 | | | 蜂蜡 | | | GB/T 24314-2009 | | 千克 | |  | | | | 5 | | |  | | | | 80131 | | | 模型照相机或针孔照相机 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 4 | | |  | | | | 80132 | | | 简易潜望镜、望远镜、显微镜 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 80133 | | | 日晷仪、七色板、水三棱镜、水透镜 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 80134 | | | 不倒翁、抛掷装置、小蒸汽轮机 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 80135 | | | 小乐器：橡皮筋吉他，鸟笛，排萧 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 80136 | | | 机翼模型、潜艇模型 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 80137 | | | 验电器、电磁铁、简单电动机 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 80138 | | | 二极管收音机、有线电报机与收报机 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 1 | | |  | | | | 80139 | | | 太阳能净水器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 1 | | |  | | | | 80151 | | | 滚上体，秤，陀螺 | | | 符合《初中物理教学装备配置标准》 | | 套 | |  | | | | 1 | | |  | | | | 80152 | | | 浮沉子，喷泉，虹吸管，帕斯卡圆桶 | | | 符合《初中物理教学装备配置标准》 | | 套 | |  | | | | 2 | | |  | | | | 80153 | | | 趣味静电实验材料 | | | 使用 | | 套 | |  | | | | 2 | | |  | | | | 80154 | | | 风筝，降落伞 | | | 符合《初中物理教学装备配置标准》 | | 套 | |  | | | | 4 | | |  | | | | 80155 | | | 组合面镜、哈哈镜、简易变焦透镜、万花筒 | | | 符合《初中物理教学装备配置标准》 | | 套 | |  | | | | 2 | | |  | | | | 80156 | | | 船闸模型、飞机、火箭模型，潜艇模型 | | | 符合《初中物理教学装备配置标准》 | | 套 | |  | | | | 1 | | |  | | | | 80157 | | | 简单机器人 | | | 符合《初中物理教学装备配置标准》 | | 套 | |  | | | | 1 | | |  | | | | 80158 | | | 半导体致冷器 | | | 使用 | | 件 | |  | | | | 1 | | |  | | | | 25009 | | | 透镜及其应用实验器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | |  | | | 合计（元） | | | | | | | | | | | | | |  | | | | **石碌镇学校初中物理** | | | | | | | | | | | | | | | | | | | | | **编号** | | | **名称** | | | **规格** | | **单位** | |  | | | | **选购数量** | | |  | | | | | 02125 | | | 碘升华凝华管 | | | 密封式 | | 个 | |  | | | | 100 | | |  | | | | 04007 | | | 蓄电池 | | | 6V，15AH，阀控式或封闭免维护式 | | 台 | |  | | | | 50 | | |  | | | | 11002 | | | 学生天平 | | | 200g，0.02g | | 台 | |  | | | | 20 | | |  | | | | 11015 | | | 单杠杆天平 | | | 100g，0.01g，链式 | | 台 | |  | | | | 2 | | |  | | | | 13001 | | | 温度计 | | | 红液，0℃～100℃ | | 支 | |  | | | | 20 | | |  | | | | 13003 | | | 温度计 | | | 水银，0℃～200℃ | | 支 | |  | | | | 20 | | |  | | | | 13004 | | | 演示温度计 | | | 符合JY/T 0393-2007标准 | | 只 | |  | | | | 5 | | |  | | | | 21016 | | | 微小压强计 | | | J2114型 | | 台 | |  | | | | 10 | | |  | | | | 21022 | | | 流体流速与压强关系演示器 | | | 符合JY/T 0541—2022《流体压强与流速关系演示器通用要求》标准 | | 套 | |  | | | | 10 | | |  | | | | 21037 | | | 飞机升力原理演示器 | | | Q/FJTG 072-2017《飞机升力原理演示器》 标准 | | 套 | |  | | | | 10 | | |  | | | | 22001 | | | 音叉 | | | 256Hz | | 套 | |  | | | | 10 | | |  | | | | 22213 | | | 纸盆扬声器 | | | 直径不小于200mm，8Ω | | 台 | |  | | | | 10 | | |  | | | | 23010 | | | 小灯座 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 10 | | |  | | | | 23037 | | | 保险丝作用演示器 | | | JY/T 0364 | | 套 | |  | | | | 10 | | |  | | | | 23039 | | | 电子门铃 | | | 带座 | | 套 | |  | | | | 2 | | |  | | | | 24003 | | | 磁感线演示器 | | | 条形、蹄形 | | 套 | |  | | | | 2 | | |  | | | | 24004 | | | 立体磁感线演示器 | | | 永磁、电磁场 | | 套 | |  | | | | 2 | | |  | | | | 24005 | | | 磁感线演示板 | | | 可投影 | | 套 | |  | | | | 2 | | |  | | | | 24006 | | | 电流磁场演示器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 24012 | | | 电磁铁实验器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 台 | |  | | | | 50 | | |  | | | | 24013 | | | 电铃 | | | 立式 | | 个 | |  | | | | 50 | | |  | | | | 24014 | | | 演示电磁继电器 | | | JY 50-1987 | | 个 | |  | | | | 2 | | |  | | | | 24015 | | | 电磁继电器 | | | JY 51-1988 | | 个 | |  | | | | 50 | | |  | | | | 25101 | | | 紫外线作用演示器 | | | JY/T 0401-2007 | | 套 | |  | | | | 2 | | |  | | | | 25102 | | | 红外线作用演示器 | | | JY/T 0400-2007 | | 套 | |  | | | | 2 | | |  | | | | 31008 | | | 汽油机模型 | | | 压缩比：6 | | 个 | |  | | | | 2 | | |  | | | | 31009 | | | 柴油机模型 | | | 压缩比：14 | | 个 | |  | | | | 2 | | |  | | | | 31012 | | | 电话原理模型 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 51401 | | | 初中物理实验教学指导书 | | | 正版图书 | | 套 | |  | | | | 2 | | |  | | | | 51402 | | | 初中物理实验仪器手册 | | | 正版图书 | | 套 | |  | | | | 2 | | |  | | | | 80101 | | | 电工材料 | | | 鳄鱼夹、插口夹、香蕉插头、电阻丝、锌片、铜片、灯泡(15w、60w)、小电池(5号、纽扣、太阳电池)、保险丝、保险管(不同规格的合金熔丝、保险管)、焊锡、绝缘胶布、导线等 | | 套 | |  | | | | 10 | | |  | | | | 80102 | | | 电子元件(工业产品) | | | 电阻(碳膜电阻、瓷管电阻、线绕电阻、光敏电阻、热敏电阻等)；电磁继电器、电容、电感、电位器、二极管、发光二极管、三极管、集成电路块等 | |  | |  | | | | 10 | | |  | | | | 80103 | | | 新材料样品 | | | 纳米材料、超导材料、形状记忆合金、单晶和多晶、光导纤维、隐形材料等 | | 套 | |  | | | | 10 | | |  | | | | 80104 | | | 家庭电路器材 | | | 空气开关、漏电保护器、螺丝口灯座、卡口灯座、三孔插座、三孔插头、插入式保险盒、拉线开关、按钮开关、声控开关、光控开关、导线等 | | 套 | |  | | | | 50 | | |  | | | | 80106 | | | 彩色透光片 | | | 红、绿、蓝 | | 套 | |  | | | | 10 | | |  | | | | 80110 | | | 电珠(小灯泡) | | | 2.5V或3.8V | | 个 | |  | | | | 100 | | |  | | | | 80112 | | | 蜂蜡 | | | GB/T 24314-2009 | | 千克 | |  | | | | 1 | | |  | | | | 80132 | | | 简易潜望镜、望远镜、显微镜 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 10 | | |  | | | | 80137 | | | 验电器、电磁铁、简单电动机 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 10 | | |  | | | | 81023 | | | 高度游标卡尺 | | | 0～300mm | | 个 | |  | | | | 2 | | |  | | | |  | | | 合计（元） | | | | | | | | | | | | | |  | | | | **矿区学校初中物理** | | | | | | | | | | | | | | | | | | | | | **编号** | | | **名称** | | | **规格** | | **单位** | |  | | | | **选购数量** | | |  | | | | | 02002 | | | 打孔器 | | | 四件 | | 套 | |  | | | | 1 | | |  | | | | 02010 | | | 手摇抽气机 | | | 双缸式 | | 台 | |  | | | | 1 | | |  | | | | 02014 | | | 抽气筒 | | | JY223-87 | | 个 | |  | | | | 1 | | |  | | | | 02015 | | | 打气筒 | | | 外径通常不小于 30mm，长度约为 500mm | | 个 | |  | | | | 1 | | |  | | | | 02103 | | | 注射器 | | | 100ml | | 支 | |  | | | | 2 | | |  | | | | 02116 | | | 透明水槽(方形) | | | 300mm×300mm×高150mm(方形） | | 个 | |  | | | | 2 | | |  | | | | 03001 | | | 物理支架 | | | 符合JY/T 0393-2007标准 | | 套 | |  | | | | 3 | | |  | | | | 03002 | | | 方座支架 | | | 符合JY167-84 | | 套 | |  | | | | 3 | | |  | | | | 03003 | | | 多功能实验支架 | | | 符合JY 167标准 | | 套 | |  | | | | 3 | | |  | | | | 04011 | | | 感应圈 | | | 电子开关式 | | 台 | |  | | | | 8 | | |  | | | | 15 | | | 钢卷尺 | | | 2mm | | 盒 | |  | | | | 2 | | |  | | | | 19 | | | 布卷尺 | | | 30m | | 盒 | |  | | | | 1 | | |  | | | | 11004 | | | 托盘天平 | | | 200g，0.2g | | 台 | |  | | | | 15 | | |  | | | | 11005 | | | 托盘天平 | | | 500g，0.5g | | 台 | |  | | | | 1 | | |  | | | | 12001 | | | 机械停表 | | | 0.1s | | 块 | |  | | | | 1 | | |  | | | | 12003 | | | 电子停表 | | | 0.1s | | 块 | |  | | | | 1 | | |  | | | | 13004 | | | 演示温度计 | | | 符合JY/T 0393-2007标准 | | 只 | |  | | | | 2 | | |  | | | | 13010 | | | 体温计 | | | 水银，35℃～42℃ | | 支 | |  | | | | 1 | | |  | | | | 13020 | | | 寒暑表 | | | 符合JY/T 0393-2007标准 | | 只 | |  | | | | 1 | | |  | | | | 14011 | | | 演示测力计 | | | 0N～2N | | 个 | |  | | | | 2 | | |  | | | | 15001 | | | 演示电表 | | | 直流电压、电流，检流；2.5级 | | 只 | |  | | | | 2 | | |  | | | | 15012 | | | 投影电流表 | | | 2.5级，0.6A，3A | | 只 | |  | | | | 4 | | |  | | | | 15013 | | | 投影电压表 | | | 2.5级，3V，15V | | 只 | |  | | | | 4 | | |  | | | | 15014 | | | 投影检流计 | | | ±300μA | | 只 | |  | | | | 2 | | |  | | | | 21002 | | | 立方体组 | | | 铜，铁，铝，木材，不小于60cm3 | | 套 | |  | | | | 20 | | |  | | | | 21003 | | | 运动和力实验器 | | | 长、短斜面，小车，小球2个，硬盒，毛巾，布 | | 套 | |  | | | | 20 | | |  | | | | 21008 | | | 阿基米德原理及其应用实验器 | | | 符合JY175 | | 套 | |  | | | | 1 | | |  | | | | 21009 | | | 液体压强与深度关系实验器 | | | 符合JY 107 | | 个 | |  | | | | 15 | | |  | | | | 21010 | | | 连通器 | | | 符合JY232 | | 个 | |  | | | | 5 | | |  | | | | 21011 | | | 帕斯卡球 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 1 | | |  | | | | 21012 | | | 浮力原理演示器 | | | 符合JY/T 0408-2010标准 | | 套 | |  | | | | 2 | | |  | | | | 21013 | | | 物体浮沉条件演示器 | | | 符合JY/T 0370-2004标准 | | 套 | |  | | | | 2 | | |  | | | | 21014 | | | 潜水艇浮沉演示器 | | | 符合JY/T 0370-2004标准 | | 套 | |  | | | | 2 | | |  | | | | 21017 | | | 液体对器壁压强演示器 | | | 符合JY/T 0229-2019标准 | | 台 | |  | | | | 2 | | |  | | | | 21019 | | | 马德堡半球 | | | 符合JY 108-1982《马德堡半球（试行）》标准 | | 套 | |  | | | | 1 | | |  | | | | 21020 | | | 大气压系列实验器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 21021 | | | 压力和压强演示器 | | | 符合JY/T 0541—2022标准 | | 盒 | |  | | | | 20 | | |  | | | | 21022 | | | 流体流速与压强关系演示器 | | | 符合JY/T 0541—2022《流体压强与流速关系演示器通用要求》标准 | | 套 | |  | | | | 1 | | |  | | | | 21030 | | | 杠杆 | | | 符合JY 172《杠杆》 标准 | | 套 | |  | | | | 25 | | |  | | | | 21035 | | | 力学实验盒 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 22 | | |  | | | | 21036 | | | 初中力学演示板 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 21037 | | | 飞机升力原理演示器 | | | Q/FJTG 072-2017《飞机升力原理演示器》 标准 | | 套 | |  | | | | 2 | | |  | | | | 22003 | | | 发音齿轮 | | | JY/T 0407-2010 | | 个 | |  | | | | 1 | | |  | | | | 22007 | | | 声传播演示器 | | | JY/T 0371 | | 套 | |  | | | | 1 | | |  | | | | 22203 | | | 空气压缩引火仪 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 1 | | |  | | | | 22205 | | | 机械能热能互变演示器 | | | 符合JY 177《机械能热能互变演示器》标准 | | 套 | |  | | | | 1 | | |  | | | | 22210 | | | 气体做功内能减少演示器 | | | 符合JY 226-1987《热传导演示器》标准 | | 套 | |  | | | | 1 | | |  | | | | 23001 | | | 玻棒(附丝绸) | | | 或有机玻棒(附丝绸)，教师用 | | 对 | |  | | | | 2 | | |  | | | | 23002 | | | 玻棒(附丝绸) | | | 或有机玻棒(附丝绸)，学生用 | | 对 | |  | | | | 20 | | |  | | | | 23003 | | | 胶棒(附毛皮) | | | 或聚碳酸酯棒(附毛皮)，教师用 | | 对 | |  | | | | 2 | | |  | | | | 23004 | | | 胶棒(附毛皮) | | | 或聚碳酸酯棒(附毛皮)，学生用 | | 对 | |  | | | | 20 | | |  | | | | 23005 | | | 箔片验电器 | | | 教师用 | | 对 | |  | | | | 2 | | |  | | | | 23006 | | | 箔片验电器 | | | 学生用 | | 对 | |  | | | | 20 | | |  | | | | 23030 | | | 演示线路实验板 | | | 初中演示组 | | 套 | |  | | | | 2 | | |  | | | | 23031 | | | 初中电学演示箱 | | | 磁贴式 | | 套 | |  | | | | 6 | | |  | | | | 23032 | | | 学生线路实验板 | | | 初中学生组 | | 套 | |  | | | | 13 | | |  | | | | 24003 | | | 磁感线演示器 | | | 条形、蹄形 | | 套 | |  | | | | 2 | | |  | | | | 24004 | | | 立体磁感线演示器 | | | 永磁、电磁场 | | 套 | |  | | | | 2 | | |  | | | | 24005 | | | 磁感线演示板 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013），可投影 | | 套 | |  | | | | 2 | | |  | | | | 24006 | | | 电流磁场演示器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 24007 | | | 菱形小磁针 | | | 每组包含菱形小磁针 16 个，磁针体尺寸为 28±1×8±0.7mm，大小适中，方便学生操作和观察 | | 套 | |  | | | | 10 | | |  | | | | 24012 | | | 电磁铁实验器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 台 | |  | | | | 20 | | |  | | | | 24014 | | | 演示电磁继电器 | | | JY 50-1987 | | 个 | |  | | | | 5 | | |  | | | | 24016 | | | 磁场对电流作用实验器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 5 | | |  | | | | 24017 | | | 左右手定则演示器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 24019 | | | 手摇交直流发电机 | | | 符合《JY/T 0021-2011 手摇交直流发电机》 | | 个 | |  | | | | 1 | | |  | | | | 24023 | | | 电学实验盒 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 23 | | |  | | | | 24026 | | | 磁悬浮演示器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 1 | | |  | | | | 25001 | | | 光具盘 | | | 磁吸附式 | | 套 | |  | | | | 2 | | |  | | | | 25002 | | | 凹面镜 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 25003 | | | 凸面镜 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 25004 | | | 玻璃砖 | | | JY 140-1982《玻璃砖标准 | | 块 | |  | | | | 2 | | |  | | | | 25008 | | | 白光的色散与合成演示器 | | | JY 0310-1991《白光的色散与合成演示器技术条件》标准 | | 套 | |  | | | | 2 | | |  | | | | 25010 | | | 平面镜成像实验器 | | | 符合JY 1-2003和JY 2-2003 | | 套 | |  | | | | 2 | | |  | | | | 25011 | | | 光的传播、反射、折射实验器 | | | 符合JY/T 0386-2006标准 | | 套 | |  | | | | 2 | | |  | | | | 25012 | | | 激光笔 | | | GB 7247.1-2012 | | 支 | |  | | | | 2 | | |  | | | | 25103 | | | 手持直视分光镜 | | | JY/T 0375-2004 | | 套 | |  | | | | 2 | | |  | | | | 62 | | | 量筒 | | | 玻璃，50ml | | 个 | |  | | | | 10 | | |  | | | | 60012 | | | 量杯 | | | 250ml | | 个 | |  | | | | 10 | | |  | | | | 61023 | | | 烧杯 | | | 250ml | | 个 | |  | | | | 10 | | |  | | | | 61024 | | | 烧杯 | | | 500ml | | 个 | |  | | | | 2 | | |  | | | | 62032 | | | 漏斗 | | | 90mm | | 个 | |  | | | | 2 | | |  | | | | 64005 | | | 镊子 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 23 | | |  | | | | 64032 | | | 石棉网 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 10 | | |  | | | | 64063 | | | 乳胶管 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 米 | |  | | | | 20 | | |  | | | | 80104 | | | 家庭电路器材 | | | 空气开关、漏电保护器、螺丝口灯座、卡口灯座、三孔插座、三孔插头、插入式保险盒、拉线开关、按钮开关、声控开关、光控开关、导线等 | | 套 | |  | | | | 2 | | |  | | | | 81004 | | | 尖咀钳 | | | QB/T 2440.1-2007 | | 把 | |  | | | | 1 | | |  | | | | 81008 | | | 木工锯 | | | 带把手锯，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 把 | |  | | | | 1 | | |  | | | | 81011 | | | 砝码 | | | JJG 99-2016 | | 把 | |  | | | | 1 | | |  | | | | 81012 | | | 钢手锯 | | | 符合《初中物理实验室装备标准 | | 把 | |  | | | | 1 | | |  | | | | 81013 | | | 剥线钳 | | | 符合《初中物理实验室装备标准 | | 把 | |  | | | | 2 | | |  | | | | 81015 | | | 手锤 | | | 符合《初中物理实验室装备标准 | | 个 | |  | | | | 1 | | |  | | | | 81017 | | | 锉刀 | | | 符合GB/T 5806-2003 | | 个 | |  | | | | 1 | | |  | | | | 81020 | | | 活扳手 | | | 6英寸、10英寸 | | 把 | |  | | | | 1 | | |  | | | | 81021 | | | 手剪 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 把 | |  | | | | 1 | | |  | | | | 81027 | | | 手电钻 | | | φ1mm～φ13mm | | 台 | |  | | | | 1 | | |  | | | | 81028 | | | 钻头 | | | φ1mm～φ13mm | | 套 | |  | | | | 1 | | |  | | | | 02016 | | | 抽气盘 | | | 直径不小于180mm，附钟罩 | | 套 | |  | | | | 1 | | |  | | | | 25009 | | | 透镜及其应用实验器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 81006 | | | 手摇钻 | | | 木工工具，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 1 | | |  | | | | 81009 | | | 木工锤 | | | 重0.25kg，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 把 | |  | | | | 1 | | |  | | | | 81014 | | | 钢丝钳 | | | 250mm，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 把 | |  | | | | 1 | | |  | | | | 81003 | | | 十字螺丝刀 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 1 | | |  | | | |  | | | 合计（元） | | | | | | | | | | | | | |  | | | | **红林学校初中物理** | | | | | | | | | | | | | | | | | | | | | **编号** | | | **名称** | | | **规格** | | **单位** | |  | | | | **选购数量** | | |  | | | | | 02101 | | | 听诊器 | | | 医用，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 5 | | |  | | | | 02125 | | | 碘升华凝华管 | | | 密封式，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 20 | | |  | | | | 14 | | | 钢直尺 | | | 200mm，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 只 | |  | | | | 50 | | |  | | | | 10010 | | | 游标卡尺 | | | 125mm，0.05mm或0.02mm | | 把 | |  | | | | 10 | | |  | | | | 11004 | | | 托盘天平 | | | 200g，0.2g | | 台 | |  | | | | 20 | | |  | | | | 12001 | | | 机械停表 | | | 0.1s | | 块 | |  | | | | 2 | | |  | | | | 13001 | | | 温度计 | | | 红液，0℃～100℃ | | 支 | |  | | | | 50 | | |  | | | | 13010 | | | 体温计 | | | 水银，35℃～42℃ | | 支 | |  | | | | 50 | | |  | | | | 13011 | | | 电子体温计 | | | GB/T 21416-2008 | | 支 | |  | | | | 10 | | |  | | | | 14008 | | | 平板测力计 | | | 5N | | 个 | |  | | | | 50 | | |  | | | | 15006 | | | 电能表 | | | 符合GB 4706.1-2005《家用和类似用途电器的安全 第 1 部分：通用要求》和 JY/T 0387-2006《教学仪器设备产品一般质量要求》，具体参数：220V,2A | | 只 | |  | | | | 2 | | |  | | | | 21003 | | | 运动和力实验器 | | | 长、短斜面，小车，小球2个，硬盒，毛巾，布 | | 套 | |  | | | | 20 | | |  | | | | 21004 | | | 惯性演示器 | | | 符合JY/T 0528—2022标准 | | 套 | |  | | | | 10 | | |  | | | | 21007 | | | 阿基米德原理实验器 | | | 符合JY 2－2003 | | 套 | |  | | | | 30 | | |  | | | | 21009 | | | 液体压强与深度关系实验器 | | | 符合JY 107 | | 个 | |  | | | | 2 | | |  | | | | 21010 | | | 连通器 | | | 符合JY232 | | 个 | |  | | | | 30 | | |  | | | | 21013 | | | 物体浮沉条件演示器 | | | 符合JY/T 0370-2004标准 | | 套 | |  | | | | 30 | | |  | | | | 21015 | | | 液体内部压强实验器 | | | J2113型 | | 套 | |  | | | | 2 | | |  | | | | 21016 | | | 微小压强计 | | | J2114型 | | 台 | |  | | | | 2 | | |  | | | | 21030 | | | 杠杆 | | | 符合JY 172《杠杆》 标准 | | 套 | |  | | | | 30 | | |  | | | | 21032 | | | 滑轮组 | | | 单4，二并2，二串2，可卡2 | | 组 | |  | | | | 30 | | |  | | | | 21036 | | | 初中力学演示板 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 22001 | | | 音叉 | | | 256Hz，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 10 | | |  | | | | 22002 | | | 音叉 | | | 512Hz，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 10 | | |  | | | | 22004 | | | 单摆 | | | 一个摆球，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 3 | | |  | | | | 22203 | | | 空气压缩引火仪 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 23005 | | | 箔片验电器 | | | 教师用 | | 对 | |  | | | | 2 | | |  | | | | 24013 | | | 电铃 | | | 立式，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 24015 | | | 电磁继电器 | | | 电磁继电器，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 24017 | | | 左右手定则演示器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 24019 | | | 手摇交直流发电机 | | | 符合《JY/T 0021-2011 手摇交直流发电机》 | | 个 | |  | | | | 2 | | |  | | | | 24021 | | | 阴极射线管(磁效应管) | | | GB/T 5960-1986 | | 个 | |  | | | | 2 | | |  | | | | 24022 | | | 低频信号发生器 | | | 20Hz～20kHz，有功率输出 | | 台 | |  | | | | 2 | | |  | | | | 24024 | | | 能的转化演示器 | | | 《初中理科教学仪器配备标准》（JY/T 0386—2006） | | 套 | |  | | | | 2 | | |  | | | | 24025 | | | 能的转化实验器 | | | 势能→动能；机械能→电能→热能→光能；化学能→电能→机械能→热能 | | 套 | |  | | | | 2 | | |  | | | | 24026 | | | 磁悬浮演示器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 25001 | | | 光具盘 | | | 磁吸附式 | | 套 | |  | | | | 2 | | |  | | | | 25005 | | | 光具座 | | | JY/T 0329-1991《教学用光具座》标准 | | 套 | |  | | | | 1 | | |  | | | | 25006 | | | 光具组 | | | JY 0047-1991 | | 套 | |  | | | | 1 | | |  | | | | 25010 | | | 平面镜成像实验器 | | | 符合JY 1-2003和JY 2-2003 | | 套 | |  | | | | 5 | | |  | | | | 25011 | | | 光的传播、反射、折射实验器 | | | 符合JY/T 0386-2006标准 | | 套 | |  | | | | 2 | | |  | | | | 31008 | | | 汽油机模型 | | | 压缩比：6 | | 个 | |  | | | | 2 | | |  | | | | 31009 | | | 柴油机模型 | | | 压缩比：14 | | 个 | |  | | | | 2 | | |  | | | | 70090 | | | 硫代硫酸钠(海波) | | | 试剂 | | 千克 | |  | | | | 10 | | |  | | | | 72025 | | | 酒精 | | | 95%，30公斤 | | 桶 | |  | | | | 1 | | |  | | | | 72028 | | | 石腊 | | | 符合GB/T 446-2010 标准 | | 千克 | |  | | | | 5 | | |  | | | | 80101 | | | 电工材料 | | | 鳄鱼夹、插口夹、香蕉插头、电阻丝、锌片、铜片、灯泡(15w、60w)、小电池(5号、纽扣、太阳电池)、保险丝、保险管(不同规格的合金熔丝、保险管)、焊锡、绝缘胶布、导线等 | | 套 | |  | | | | 3 | | |  | | | | 80103 | | | 新材料样品 | | | 纳米材料、超导材料、形状记忆合金、单晶和多晶、光导纤维、隐形材料等，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 80104 | | | 家庭电路器材 | | | 空气开关、漏电保护器、螺丝口灯座、卡口灯座、三孔插座、三孔插头、插入式保险盒、拉线开关、按钮开关、声控开关、光控开关、导线等，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 80106 | | | 彩色透光片 | | | 红、绿、蓝，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 80107 | | | 颜料的三原色 | | | 品红、黄、蓝 | | 份 | |  | | | | 2 | | |  | | | | 80112 | | | 蜂蜡 | | | GB/T 24314-2009 | | 千克 | |  | | | | 10 | | |  | | | | 80131 | | | 模型照相机或针孔照相机 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 80132 | | | 简易潜望镜、望远镜、显微镜 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 80153 | | | 趣味静电实验材料 | | | 使用，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 6 | | |  | | | | 80155 | | | 组合面镜、哈哈镜、简易变焦透镜、万花筒 | | | 符合《初中物理教学装备配置标准》 | | 套 | |  | | | | 6 | | |  | | | | 80156 | | | 船闸模型、飞机、火箭模型，潜艇模型 | | | 符合《初中物理教学装备配置准》 | | 套 | |  | | | | 4 | | |  | | | | 81005 | | | 电工刀 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 把 | |  | | | | 30 | | |  | | | | 81024 | | | 电烙铁 | | | 60w，20w，橡胶线 | | 支 | |  | | | | 6 | | |  | | | | 81027 | | | 手电钻 | | | φ1mm～φ13mm | | 台 | |  | | | | 2 | | |  | | | | 81028 | | | 钻头 | | | φ1mm～φ13mm | | 套 | |  | | | | 20 | | |  | | | | 11 | | | 照相机 | | | 数码型，≥800万像素，2G | | 台 | |  | | | | 3 | | |  | | | | 02016 | | | 抽气盘 | | | 直径不小于180mm，附钟罩 | | 套 | |  | | | | 10 | | |  | | | | 25009 | | | 透镜及其应用实验器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 6 | | |  | | | | 72027 | | | 煤油 | | | 500毫升 | | 瓶 | |  | | | | 6 | | |  | | | | 16001 | | | 密度计 | | | 密度＞1 g/cm3 | | 支 | |  | | | | 10 | | |  | | | | 81014 | | | 钢丝钳 | | | 250mm | | 把 | |  | | | | 10 | | |  | | | | 81001 | | | 测电笔 | | | 氖泡式或数字显示式 | | 把 | |  | | | | 10 | | |  | | | | 81002 | | | 一字螺丝刀 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 10 | | |  | | | | 81003 | | | 十字螺丝刀 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 10 | | |  | | | |  | | | 合计（元） | | | | | | | | | | | | | |  | | | | **霸王岭学校初中物理** | | | | | | | | | | | | | | | | | | | | | **编号** | | | **名称** | | | **规格** | | **单位** | |  | | | | **选购数量** | | |  | | | | | 02014 | | | 抽气筒 | | | JY223-87 | | 个 | |  | | | | 2 | | |  | | | | 02015 | | | 打气筒 | | | 外径通常不小于 30mm，长度约为 500mm | | 个 | |  | | | | 2 | | |  | | | | 02101 | | | 听诊器 | | | 医用，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 02103 | | | 注射器 | | | 100ml，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 支 | |  | | | | 20 | | |  | | | | 02116 | | | 透明水槽(圆形或方形) | | | φ270mm×高140mm，或300mm×300mm×高150mm | | 个 | |  | | | | 4 | | |  | | | | 02125 | | | 碘升华凝华管 | | | 密封式，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 10 | | |  | | | | 04004 | | | 教学电源 | | | 交流：2V～12V，5A，每2V一档；直流：1.5～12V，2A，分为1.5V、3V、4.5V、6V、9V、12V，共6档；40A、8s自动关断 | | 台 | |  | | | | 2 | | |  | | | | 04007 | | | 蓄电池 | | | 6V，15AH，阀控式或封闭免维护式，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 台 | |  | | | | 1 | | |  | | | | 15 | | | 钢卷尺 | | | 2mm，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 盒 | |  | | | | 2 | | |  | | | | 19 | | | 布卷尺 | | | 30m，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 盒 | |  | | | | 2 | | |  | | | | 11018 | | | 案秤 | | | 10kg，10g，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 台 | |  | | | | 1 | | |  | | | | 11020 | | | 弹簧度盘秤 | | | 8kg，8g，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 台 | |  | | | | 1 | | |  | | | | 12001 | | | 机械停表 | | | 0.1s，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 块 | |  | | | | 10 | | |  | | | | 12003 | | | 电子停表 | | | 0.1s，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 块 | |  | | | | 10 | | |  | | | | 21004 | | | 惯性演示器 | | | 符合JY/T 0528—2022标准 | | 套 | |  | | | | 10 | | |  | | | | 21005 | | | 摩擦计 | | | 符合 JY 40 | | 套 | |  | | | | 20 | | |  | | | | 21007 | | | 阿基米德原理实验器 | | | 符合JY 2－2003 | | 套 | |  | | | | 10 | | |  | | | | 21009 | | | 液体压强与深度关系实验器 | | | 符合JY 107 | | 个 | |  | | | | 10 | | |  | | | | 21012 | | | 浮力原理演示器 | | | 符合JY/T 0408-2010标准 | | 套 | |  | | | | 2 | | |  | | | | 21014 | | | 潜水艇浮沉演示器 | | | 符合JY/T 0370-2004标准 | | 套 | |  | | | | 2 | | |  | | | | 21015 | | | 液体内部压强实验器 | | | J2113型 | | 套 | |  | | | | 20 | | |  | | | | 21019 | | | 马德堡半球 | | | 符合JY 108-1982《马德堡半球（试行）》标准 | | 套 | |  | | | | 1 | | |  | | | | 21021 | | | 压力和压强演示器 | | | 符合JY/T 0541—2022标准 | | 盒 | |  | | | | 10 | | |  | | | | 21022 | | | 流体流速与压强关系演示器 | | | 符合JY/T 0541—2022《流体压强与流速关系演示器通用要求》标准 | | 套 | |  | | | | 2 | | |  | | | | 21037 | | | 飞机升力原理演示器 | | | Q/FJTG 072-2017《飞机升力原理演示器》 标准 | | 套 | |  | | | | 1 | | |  | | | | 23001 | | | 玻棒(附丝绸) | | | 或有机玻棒(附丝绸)，教师用 | | 对 | |  | | | | 3 | | |  | | | | 23002 | | | 玻棒(附丝绸) | | | 或有机玻棒(附丝绸)，学生用 | | 对 | |  | | | | 20 | | |  | | | | 23003 | | | 胶棒(附毛皮) | | | 或聚碳酸酯棒(附毛皮)，教师用 | | 对 | |  | | | | 3 | | |  | | | | 23004 | | | 胶棒(附毛皮) | | | 或聚碳酸酯棒(附毛皮)，学生用 | | 对 | |  | | | | 20 | | |  | | | | 23005 | | | 箔片验电器 | | | 教师用 | | 对 | |  | | | | 2 | | |  | | | | 23006 | | | 箔片验电器 | | | 学生用 | | 对 | |  | | | | 6 | | |  | | | | 23012 | | | 滑动变阻器 | | | 20Ω，2A；或10Ω，2A； | | 个 | |  | | | | 20 | | |  | | | | 23035 | | | 焦耳定律演示器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 25006 | | | 光具组 | | | JY 0047-1991 | | 套 | |  | | | | 10 | | |  | | | | 25008 | | | 白光的色散与合成演示器 | | | JY 0310-1991《白光的色散与合成演示器技术条件》标准 | | 套 | |  | | | | 2 | | |  | | | | 25012 | | | 激光笔 | | | GB 7247.1-2012 | | 支 | |  | | | | 20 | | |  | | | | 31003 | | | 抽水机模型 | | | 活塞式，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 1 | | |  | | | | 31004 | | | 离心水泵模型 | | | 齿轮式或皮带式，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 1 | | |  | | | | 31008 | | | 汽油机模型 | | | 压缩比：6，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 1 | | |  | | | | 31009 | | | 柴油机模型 | | | 压缩比：14，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 1 | | |  | | | | 31011 | | | 电机模型 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 1 | | |  | | | | 80103 | | | 新材料样品 | | | 纳米材料、超导材料、形状记忆合金、单晶和多晶、光导纤维、隐形材料等 | | 套 | |  | | | | 1 | | |  | | | | 80109 | | | 1号电池 | | | 每组2至3个，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 组 | |  | | | | 60 | | |  | | | | 80110 | | | 电珠(小灯泡) | | | 2.5V或3.8V，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 100 | | |  | | | | 80156 | | | 船闸模型、飞机、火箭模型，潜艇模型 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 1 | | |  | | | |  | | | 合计（元） | | | | | | | | | | | | | |  | | | | **峨港学校初中物理** | | | | | | | | | | | | | | | | | | | | | 编号 | | | 名称 | | | 规格 | | 单位 | |  | | | | 选购数量 | | |  | | | | 01011 | | | 计算器 | | | 函数型，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 1 | | |  | | | | 02002 | | | 打孔器 | | | 四件，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 1 | | |  | | | | 02014 | | | 抽气筒 | | | JY223-87 | | 个 | |  | | | | 2 | | |  | | | | 02015 | | | 打气筒 | | | 外径通常不小于 30mm，长度约为 500mm | | 个 | |  | | | | 2 | | |  | | | | 02051 | | | 放大镜 | | | 手持式，有效通光孔径不小于30mm，5倍 | | 个 | |  | | | | 12 | | |  | | | | 02103 | | | 注射器 | | | 100ml | | 支 | |  | | | | 12 | | |  | | | | 02115 | | | 透明盛液筒 | | | φ100mm×300mm | | 个 | |  | | | | 1 | | |  | | | | 02116 | | | 透明水槽(圆形或方形) | | | φ270mm×高140mm，或300mm×300mm×高150mm | | 个 | |  | | | | 1 | | |  | | | | 02125 | | | 碘升华凝华管 | | | 密封式 | | 个 | |  | | | | 12 | | |  | | | | 04010 | | | 电池盒 | | | 可串并联 | | 个 | |  | | | | 9 | | |  | | | | 11004 | | | 托盘天平 | | | 200g，0.2g | | 台 | |  | | | | 4 | | |  | | | | 11005 | | | 托盘天平 | | | 500g，0.5g | | 台 | |  | | | | 1 | | |  | | | | 11021 | | | 金属钩码 | | | 10g×1，20g×2，50g×2，200g×2 | | 套 | |  | | | | 15 | | |  | | | | 11022 | | | 金属槽码 | | | 10g×1，20g×2，50g×2，200g×1，另附10g金属槽码盘 | | 套 | |  | | | | 2 | | |  | | | | 13001 | | | 温度计 | | | 红液，0℃～100℃ | | 支 | |  | | | | 5 | | |  | | | | 13003 | | | 温度计 | | | 水银，0℃～200℃ | | 支 | |  | | | | 1 | | |  | | | | 14008 | | | 平板测力计 | | | 5N | | 个 | |  | | | | 20 | | |  | | | | 15008 | | | 直流电流表 | | | 2.5级，0.6A，3A | | 只 | |  | | | | 25 | | |  | | | | 15009 | | | 直流电压表 | | | 2.5级，3V，15V | | 只 | |  | | | | 25 | | |  | | | | 16002 | | | 密度计 | | | 密度<1 | | 支 | |  | | | | 5 | | |  | | | | 21001 | | | 圆柱体组 | | | 塑料 直径18-20mm 高度30-50mm | | 套 | |  | | | | 12 | | |  | | | | 21002 | | | 立方体组 | | | 铜，铁，铝，木材，不小于60cm3 | | 套 | |  | | | | 5 | | |  | | | | 21003 | | | 运动和力实验器 | | | 长、短斜面，小车，小球2个，硬盒，毛巾，布 | | 套 | |  | | | | 1 | | |  | | | | 21007 | | | 阿基米德原理实验器 | | | 符合JY 2－2003 | | 套 | |  | | | | 5 | | |  | | | | 21010 | | | 连通器 | | | 符合JY232 | | 个 | |  | | | | 5 | | |  | | | | 21012 | | | 浮力原理演示器 | | | 符合JY/T 0408-2010标准 | | 套 | |  | | | | 2 | | |  | | | | 21013 | | | 物体浮沉条件演示器 | | | 符合JY/T 0370-2004标准 | | 套 | |  | | | | 2 | | |  | | | | 21014 | | | 潜水艇浮沉演示器 | | | 符合JY/T 0370-2004标准 | | 套 | |  | | | | 2 | | |  | | | | 21015 | | | 液体内部压强实验器 | | | J2113型 | | 套 | |  | | | | 20 | | |  | | | | 21016 | | | 微小压强计 | | | J2114型 | | 台 | |  | | | | 10 | | |  | | | | 21019 | | | 马德堡半球 | | | 符合JY 108-1982《马德堡半球（试行）》标准 | | 套 | |  | | | | 2 | | |  | | | | 21030 | | | 杠杆 | | | 符合JY 172《杠杆》 标准 | | 套 | |  | | | | 6 | | |  | | | | 21032 | | | 滑轮组 | | | 单4，二并2，二串2，可卡2 | | 组 | |  | | | | 10 | | |  | | | | 23012 | | | 滑动变阻器 | | | 20Ω，2A；或10Ω，2A； | | 个 | |  | | | | 10 | | |  | | | | 23013 | | | 滑动变阻器 | | | 50Ω，1.5A | | 个 | |  | | | | 10 | | |  | | | | 23019 | | | 电阻定律演示器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 台 | |  | | | | 10 | | |  | | | | 23022 | | | 教学电阻箱 | | | 9999.9Ω | | 个 | |  | | | | 14 | | |  | | | | 24011 | | | 蹄形电磁铁 | | | 密绕细线，稀绕粗线 | | 组 | |  | | | | 2 | | |  | | | | 25005 | | | 光具座 | | | JY/T 0329-1991《教学用光具座》标准 | | 套 | |  | | | | 6 | | |  | | | | 25007 | | | 三棱镜 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 25010 | | | 平面镜成像实验器 | | | 符合JY 1-2003和JY 2-2003 | | 套 | |  | | | | 3 | | |  | | | | 25011 | | | 光的传播、反射、折射实验器 | | | 符合JY/T 0386-2006标准 | | 套 | |  | | | | 12 | | |  | | | | 25012 | | | 激光笔 | | | GB 7247.1-2012 | | 支 | |  | | | | 12 | | |  | | | | 63 | | | 量筒 | | | 100ml | | 个 | |  | | | | 12 | | |  | | | | 70021 | | | 碘 | | | 试剂，50克 | | 瓶 | |  | | | | 1 | | |  | | | | 70091 | | | 无水硫酸铜 | | | 试剂，100克 | | 瓶 | |  | | | | 1 | | |  | | | | 72025 | | | 酒精 | | | 30公斤，95% | | 桶 | |  | | | | 1 | | |  | | | | 80110 | | | 电珠(小灯泡) | | | 2.5V或3.8V | | 个 | |  | | | | 457 | | |  | | | | 80137 | | | 验电器、电磁铁、简单电动机 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 1 | | |  | | | | 81011 | | | 砝码 | | | JJG 99-2016 | | 把 | |  | | | | 2 | | |  | | | | 81017 | | | 锉刀 | | | 符合GB/T 5806-2003 | | 个 | |  | | | | 2 | | |  | | | | 81024 | | | 电烙铁 | | | 30w，橡胶线 | | 支 | |  | | | | 1 | | |  | | | | 81001 | | | 测电笔 | | | 氖泡式或数字显示式 | | 把 | |  | | | | 3 | | |  | | | | 81002 | | | 一字螺丝刀 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 10 | | |  | | | | 81003 | | | 十字螺丝刀 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 10 | | |  | | | |  | | | 合计（元） | | | | | | | | | | | | | |  | | | | **红田学校初中物理** | | | | | | | | | | | | | | | | | | | | | **编号** | | | **名称** | | | **规格** | | **单位** | |  | | | | **选购数量** | | |  | | | | | 02010 | | | 手摇抽气机 | | | 双缸式 | | 台 | |  | | | | 2 | | |  | | | | 02051 | | | 放大镜 | | | 手持式，有效通光孔径不小于30mm，5倍 | | 个 | |  | | | | 50 | | |  | | | | 02060 | | | 望远镜 | | | 双筒，7×35 | | 个 | |  | | | | 5 | | |  | | | | 02101 | | | 听诊器 | | | 医用 | | 个 | |  | | | | 10 | | |  | | | | 02125 | | | 碘升华凝华管 | | | 密封式 | | 个 | |  | | | | 20 | | |  | | | | 03003 | | | 多功能实验支架 | | | 符合JY 167标准 | | 套 | |  | | | | 10 | | |  | | | | 04001 | | | 学生电源 | | | 直流：1.5V～9V，1.5A，每1.5V一档 | | 台 | |  | | | | 2 | | |  | | | | 04004 | | | 教学电源 | | | 交流：2V～12V，5A，每2V一档；直流：1.5～12V，2A，分为1.5V、3V、4.5V、6V、9V、12V，共6档；40A、8s自动关断 | | 台 | |  | | | | 2 | | |  | | | | 04007 | | | 蓄电池 | | | 6V，15AH，阀控式或封闭免维护式 | | 台 | |  | | | | 2 | | |  | | | | 14 | | | 钢直尺 | | | 200mm | | 只 | |  | | | | 20 | | |  | | | | 15 | | | 钢卷尺 | | | 2mm | | 盒 | |  | | | | 10 | | |  | | | | 19 | | | 布卷尺 | | | 30m | | 盒 | |  | | | | 10 | | |  | | | | 10010 | | | 游标卡尺 | | | 125mm，0.05mm或0.02mm | | 把 | |  | | | | 10 | | |  | | | | 11021 | | | 金属钩码 | | | 10g×1，20g×2，50g×2，200g×2 | | 套 | |  | | | | 30 | | |  | | | | 12001 | | | 机械停表 | | | 0.1s | | 块 | |  | | | | 5 | | |  | | | | 13001 | | | 温度计 | | | 红液，0℃～100℃ | | 支 | |  | | | | 50 | | |  | | | | 13003 | | | 温度计 | | | 水银，0℃～200℃ | | 支 | |  | | | | 50 | | |  | | | | 13010 | | | 体温计 | | | 水银，35℃～42℃ | | 支 | |  | | | | 30 | | |  | | | | 13020 | | | 寒暑表 | | | 符合JY/T 0393-2007标准 | | 只 | |  | | | | 5 | | |  | | | | 14005 | | | 圆筒测力计 | | | 5N | | 个 | |  | | | | 50 | | |  | | | | 14008 | | | 平板测力计 | | | 5N | | 个 | |  | | | | 50 | | |  | | | | 14020 | | | 握力计 | | | GB/T 13634-2019 | | 个 | |  | | | | 1 | | |  | | | | 14021 | | | 拉力计 | | | GB/T 13634-2019 | | 个 | |  | | | | 1 | | |  | | | | 21003 | | | 运动和力实验器 | | | 长、短斜面，小车，小球2个，硬盒，毛巾，布 | | 套 | |  | | | | 5 | | |  | | | | 21004 | | | 惯性演示器 | | | 符合JY/T 0528—2022标准 | | 套 | |  | | | | 10 | | |  | | | | 21007 | | | 阿基米德原理实验器 | | | 符合JY 2－2003 | | 套 | |  | | | | 10 | | |  | | | | 21009 | | | 液体压强与深度关系实验器 | | | 符合JY 107 | | 个 | |  | | | | 10 | | |  | | | | 21010 | | | 连通器 | | | 符合JY232 | | 个 | |  | | | | 20 | | |  | | | | 21012 | | | 浮力原理演示器 | | | 符合JY/T 0408-2010标准 | | 套 | |  | | | | 5 | | |  | | | | 21013 | | | 物体浮沉条件演示器 | | | 符合JY/T 0370-2004标准 | | 套 | |  | | | | 5 | | |  | | | | 21015 | | | 液体内部压强实验器 | | | J2113型 | | 套 | |  | | | | 10 | | |  | | | | 21019 | | | 马德堡半球 | | | 符合JY 108-1982《马德堡半球（试行）》标准 | | 套 | |  | | | | 2 | | |  | | | | 21021 | | | 压力和压强演示器 | | | 符合JY/T 0541—2022标准 | | 盒 | |  | | | | 20 | | |  | | | | 21022 | | | 流体流速与压强关系演示器 | | | 符合JY/T 0541—2022《流体压强与流速关系演示器通用要求》标准 | | 套 | |  | | | | 5 | | |  | | | | 21030 | | | 杠杆 | | | 符合JY 172《杠杆》 标准 | | 套 | |  | | | | 30 | | |  | | | | 21031 | | | 演示滑轮组 | | | 单2，三并2，三串2，可卡2 | | 组 | |  | | | | 2 | | |  | | | | 21032 | | | 滑轮组 | | | 单4，二并2，二串2，可卡2 | | 组 | |  | | | | 2 | | |  | | | | 21035 | | | 力学实验盒 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 5 | | |  | | | | 22002 | | | 音叉 | | | 512Hz | | 套 | |  | | | | 10 | | |  | | | | 22003 | | | 发音齿轮 | | | JY/T 0407-2010 | | 个 | |  | | | | 5 | | |  | | | | 23030 | | | 演示线路实验板 | | | 初中演示组 | | 套 | |  | | | | 2 | | |  | | | | 23032 | | | 学生线路实验板 | | | 初中学生组 | | 套 | |  | | | | 20 | | |  | | | | 23035 | | | 焦耳定律演示器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 23038 | | | 玩具电动机 | | | 带座和风扇，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 1 | | |  | | | | 24003 | | | 磁感线演示器 | | | 条形、蹄形，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 24004 | | | 立体磁感线演示器 | | | 永磁、电磁场，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 24005 | | | 磁感线演示板 | | | 可投影，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 24006 | | | 电流磁场演示器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 24007 | | | 菱形小磁针 | | | 每组包含菱形小磁针 16 个，磁针体尺寸为 28±1×8±0.7mm，大小适中，方便学生操作和观察 | | 套 | |  | | | | 5 | | |  | | | | 24023 | | | 电学实验盒 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 20 | | |  | | | | 24024 | | | 能的转化演示器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 24025 | | | 能的转化实验器 | | | 势能→动能；机械能→电能→热能→光能；化学能→电能→机械能→热能 | | 套 | |  | | | | 2 | | |  | | | | 24026 | | | 磁悬浮演示器 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 25002 | | | 凹面镜 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 25003 | | | 凸面镜 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 2 | | |  | | | | 25007 | | | 三棱镜 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 20 | | |  | | | | 25008 | | | 白光的色散与合成演示器 | | | JY 0310-1991《白光的色散与合成演示器技术条件》标准 | | 套 | |  | | | | 2 | | |  | | | | 25010 | | | 平面镜成像实验器 | | | 符合JY 1-2003和JY 2-2003 | | 套 | |  | | | | 2 | | |  | | | | 25011 | | | 光的传播、反射、折射实验器 | | | 符合JY/T 0386-2006标准 | | 套 | |  | | | | 12 | | |  | | | | 25012 | | | 激光笔 | | | GB 7247.1-2012 | | 支 | |  | | | | 5 | | |  | | | | 51401 | | | 初中物理实验教学指导书 | | | 正版图书 | | 套 | |  | | | | 2 | | |  | | | | 51402 | | | 初中物理实验仪器手册 | | | 正版图书 | | 套 | |  | | | | 2 | | |  | | | | 62 | | | 量筒 | | | 50ml，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 50 | | |  | | | | 63 | | | 量筒 | | | 100ml，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 50 | | |  | | | | 60012 | | | 量杯 | | | 250ml，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 50 | | |  | | | | 64005 | | | 镊子 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 个 | |  | | | | 30 | | |  | | | | 80104 | | | 家庭电路器材 | | | 空气开关、漏电保护器、螺丝口灯座、卡口灯座、三孔插座、三孔插头、插入式保险盒、拉线开关、按钮开关、声控开关、光控开关、导线等 | | 套 | |  | | | | 1 | | |  | | | | 80105 | | | 一般材料 | | | 锌片、铜片、磁性橡胶片、小钢球、乒乓球、大头针、回形针、灯泡(15w、60w)、小电池(5号、纽扣、太阳电池)、保险丝、保险管(不同规格的合金熔丝、保险管)、焊锡、松香、橡胶泥、胶帽、泡沫塑料、绝缘胶布、透明胶带、小蜡烛、灯芯、火柴、塑料板、木板、玻璃板、毛巾、棉布、橡皮筋、气球、塑料袋、塑料薄膜、纸板等 | |  | |  | | | | 1 | | |  | | | | 80110 | | | 电珠(小灯泡) | | | 2.5V或3.8V | | 个 | |  | | | | 50 | | |  | | | | 80137 | | | 验电器、电磁铁、简单电动机 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 2 | | |  | | | | 81004 | | | 尖咀钳 | | | QB/T 2440.1-2007 | | 把 | |  | | | | 10 | | |  | | | | 81005 | | | 电工刀 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 把 | |  | | | | 10 | | |  | | | | 81013 | | | 剥线钳 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 把 | |  | | | | 5 | | |  | | | | 81020 | | | 活扳手 | | | 6英寸、10英寸 | | 把 | |  | | | | 4 | | |  | | | | 02016 | | | 抽气盘 | | | 直径不小于180mm，附钟罩 | | 套 | |  | | | | 2 | | |  | | | | 81014 | | | 钢丝钳 | | | 250mm，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 把 | |  | | | | 10 | | |  | | | | 81002 | | | 一字螺丝刀 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 10 | | |  | | | | 81003 | | | 十字螺丝刀 | | | 符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | | 套 | |  | | | | 10 | | |  | | | |  | | | 合计（元） | | | | | | | | | | | | | |  | | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **十月田学校初中化学** | | | | | | | | **编号** | **名称** | **规格** | **单位** |  | **购置数量** |  | | | 02005 | 手摇钻孔器 | 符合 JY1-2003 | 台 |  | 1 |  | | 02102 | 注射器 | 10ml，塑料 | 支 |  | 20 |  | | 02124 | 塑料水槽 | 250mm×180mm×100mm | 个 |  | 4 |  | | 03002 | 方座支架 | 符合JY167-84 | 套 |  | 10 |  | | 03009 | 漏斗架 | 符合Q\_YZD 0076-2019 | 个 |  | 15 |  | | 04005 | 教学电源 | 交流：2V～12V，5A，每2V一档；直流：1.5V～12V，2A，分为1.5V、3V、4.5V、6V、9V、12V共6档 | 台 |  | 2 |  | | 11003 | 托盘天平 | 100g，0.1g，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | 台 |  | 2 |  | | 26001 | 水电解演示器 | 30ml，铂电极，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | 台 |  | 5 |  | | 26002 | 水电解实验器 | 符合《初中化学实验室装备标准》 | 台 |  | 20 |  | | 26003 | 原电池实验器 | 符合《初中化学实验室装备标准》 | 个 |  | 20 |  | | 26008 | 初中微型化学实验箱 | 符合《初中化学实验室装备标准》 | 个 |  | 2 |  | | 26009 | 分子间隔实验器 | 符合《初中化学实验室装备标准》 | 件 |  | 20 |  | | 26010 | 深液导电演示器 | 符合《初中化学实验室装备标准》 | 台 |  | 2 |  | | 26015 | 化学实验装置磁性教具 | 符合《初中化学实验室装备标准》 | 套 |  | 2 |  | | 26018 | 元素学习卡 | 学习元素名称、符号用 | 套 |  | 2 |  | | 32008 | 碳的同素异形体结构模型 | 包括金刚石、石墨、碳-60三种结构模型；小型，球管式，可拆卸 | 套 |  | 1 |  | | 42001 | 金属矿物、金属及合金标本 | 各类不少于5种，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | 盒 |  | 2 |  | | 42002 | 原油常见馏分标本 | 不少于8种，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | 盒 |  | 2 |  | | 42003 | 合成有机高分子材料标本 | 不少于10种，符合《教学仪器产品一般质量要求》（JY/T 0082-2013） | 盒 |  | 1 |  | | 42004 | 新型无机非金属材料标本 | 氧化铝陶瓷、氮化硅陶瓷、光导纤维等 | 盒 |  | 1 |  | | 52001 | 走进化学实验室 | 正版图书 | 套 |  | 1 |  | | 52002 | 身边的化学物质 | 正版图书 | 套 |  | 1 |  | | 52003 | 物质结构的奥秘 | 正版图书 | 套 |  | 1 |  | | 52041 | 元素周期表 | 有外围电子层排布，带轴 | 套 |  | 1 |  | | 52401 | 初中化学实验教学指导书 | 正版图书 | 套 |  | 1 |  | | 52402 | 初中化学实验仪器手册 | 正版图书 | 套 |  | 1 |  | | 61 | 量筒 | 10ml | 个 |  | 30 |  | | 62 | 量筒 | 50ml | 个 |  | 10 |  | | 61001 | 试管 | φ12mm×70mm | 支 |  | 100 |  | | 61002 | 试管 | φ15mm×150mm | 支 |  | 100 |  | | 61003 | 试管 | φ18mm×180mm | 支 |  | 100 |  | | 61005 | 试管 | φ20mm×200mm | 支 |  | 100 |  | | 61009 | 硬质玻璃管 | φ15mm×150mm | 支 |  | 30 |  | | 61020 | 烧杯 | 25ml | 个 |  | 50 |  | | 61021 | 烧杯 | 50ml | 个 |  | 50 |  | | 62001 | 酒精灯 | 150ml | 个 |  | 30 |  | | 62031 | 漏斗 | 60mm | 个 |  | 20 |  | | 62032 | 漏斗 | 90mm | 个 |  | 20 |  | | 62036 | 分液漏斗 | 梨形，50ml | 个 |  | 10 |  | | 62091 | 圆水槽 | φ200mm×100mm | 个 |  | 5 |  | | 63003 | 集气瓶 | 250ml | 个 |  | 20 |  | | 63041 | 滴瓶 | 30ml | 个 |  | 50 |  | | 63043 | 滴瓶 | 茶，30ml | 个 |  | 50 |  | | 64002 | 坩埚钳 | 200mm | 个 |  | 5 |  | | 64003 | 烧杯夹 | 符合《初中化学实验室装备标准》 | 个 |  | 5 |  | | 64005 | 镊子 | 符合《初中化学实验室装备标准》 | 个 |  | 20 |  | | 64006 | 试管夹 | 符合《初中化学实验室装备标准》 | 个 |  | 30 |  | | 64032 | 石棉网 | 符合《初中化学实验室装备标准》 | 个 |  | 30 |  | | 64041 | 燃烧匙 | 符合《初中化学实验室装备标准》 | 个 |  | 20 |  | | 64042 | 药匙 | 符合《初中化学实验室装备标准》 | 个 |  | 50 |  | | 64051 | 玻璃管 | φ5mm～φ6mm | 千克 |  | 1 |  | | 64052 | 玻璃管 | φ7mm～φ8mm | 千克 |  | 1 |  | | 64054 | 玻璃棒 | φ5mm～φ6mm | 千克 |  | 1 |  | | 64061 | 软胶塞 | 符合《初中化学实验室装备标准》 | 千克 |  | 1 |  | | 64062 | 橡胶管 | 符合《初中化学实验室装备标准》 | 千克 |  | 1 |  | | 64063 | 乳胶管 | 符合《初中化学实验室装备标准》 | 米 |  | 1 |  | | 64071 | 试管刷 | 符合《初中化学实验室装备标准》 | 个 |  | 30 |  | | 64072 | 烧瓶刷 | 符合《初中化学实验室装备标准》 | 个 |  | 5 |  | | 64094 | 塑料多用滴管 | 4ml | 支 |  | 50 |  | | 72 | 铝箔 | 50克 | 瓶 |  | 5 |  | | 73 | 铝丝 | 100克 | 瓶 |  | 5 |  | | 74 | 锌(粒) | 工业，1克 | 瓶 |  | 5 |  | | 75 | 还原铁粉 | 试剂，50克 | 瓶 |  | 5 |  | | 76 | 铁丝 | 250克 | 瓶 |  | 5 |  | | 78 | 锡粒 | 250克 | 瓶 |  | 5 |  | | 70010 | 铜(紫铜片) | 250克 | 瓶 |  | 5 |  | | 70011 | 铜丝 | 100克 | 瓶 |  | 5 |  | | 70021 | 碘 | 试剂，50克 | 瓶 |  | 2 |  | | 70022 | 活性炭 | 500克 | 瓶 |  | 5 |  | | 70032 | 二氧化锰 | 试剂，250克 | 瓶 |  | 5 |  | | 70033 | 三氧化二铁 | 试剂，250克 | 瓶 |  | 5 |  | | 70034 | 氧化铜 | 工业，500克 | 瓶 |  | 5 |  | | 70041 | 氯化钾 | 试剂，250克 | 瓶 |  | 5 |  | | 70042 | 氯化钠 | 试剂，500克 | 瓶 |  | 5 |  | | 70044 | 氯化钙 | 试剂，250克 | 瓶 |  | 5 |  | | 70045 | 无水氯化钙 | 工业，100克 | 瓶 |  | 5 |  | | 70047 | 三氯化铁 | 试剂，250克 | 瓶 |  | 5 |  | | 70049 | 氯化铵 | 工业，500克 | 瓶 |  | 5 |  | | 70065 | 碘化钾 | 试剂，500克 | 瓶 |  | 1 |  | | 70086 | 硫酸铜(蓝矾、胆矾) | 工业，1克 | 瓶 |  | 5 |  | | 70087 | 硫酸铵 | 工业，250克 | 瓶 |  | 2 |  | | 70088 | 硫酸铝钾(明矾) | 工业，1克 | 瓶 |  | 2 |  | | 70091 | 无水硫酸铜 | 试剂，100克 | 瓶 |  | 2 |  | | 71001 | 碳酸钾 | 试剂，100克 | 瓶 |  | 5 |  | | 71002 | 碳酸钠 | 工业，1克 | 瓶 |  | 5 |  | | 71003 | 碳酸氢钠 | 工业，500克 | 瓶 |  | 5 |  | | 71004 | 大理石 | 2克 | 瓶 |  | 3 |  | | 71005 | 碳酸氢铵 | 工业，500克 | 瓶 |  | 10 |  | | 71006 | 碱式碳酸铜 | 试剂，500克 | 瓶 |  | 5 |  | | 71020 | 硝酸银 | 试剂，25克 | 瓶 |  | 2 |  | | 71041 | 氢氧化钡 | 试剂，50克 | 瓶 |  | 5 |  | | 71042 | 氨水 | 试剂，500克 | 瓶 |  | 5 |  | | 71043 | 氧化钙(生石灰) | 500克 | 瓶 |  | 5 |  | | 71044 | 氢氧化钙(熟石灰) | 500克 | 瓶 |  | 5 |  | | 71045 | 碱石灰 | 250克 | 瓶 |  | 1 |  | | 72002 | 柠檬酸钠 | 试剂，50克 | 瓶 |  | 2 |  | | 72021 | 葡萄糖 | 250克 | 瓶 |  | 2 |  | | 72022 | 蔗糖 | 250克 | 瓶 |  | 2 |  | | 72051 | 石蕊 | 指示剂，10克 | 瓶 |  | 10 |  | | 72052 | 酚酞 | 指示剂，5克 | 瓶 |  | 10 |  | | 72061 | pH广范围试纸 | 1～14 | 本 |  | 20 |  | | 72062 | 蓝石蕊试纸 | 符合《初中化学实验室装备标准》 | 本 |  | 20 |  | | 72063 | 红石蕊试纸 | 符合《初中化学实验室装备标准》 | 本 |  | 20 |  | | 72091 | 定性滤纸 | 符合GB/T 1914-2017 | 盒 |  | 50 |  | | 73003 | 汽油 | 250毫升 | 瓶 |  | 1 |  | | 74001 | 红(赤)磷 | 50克 | 瓶 |  | 5 |  | | 74011 | 硫粉 | 工业，25克 | 瓶 |  | 10 |  | | 74012 | 镁条 | 10克 | 瓶 |  | 10 |  | | 74060 | 黄(白)磷 | 5克 | 瓶 |  | 2 |  | | 75001 | 过氧化氢 | 试剂，30%，1500毫升 | 瓶 |  | 10 |  | | 75002 | 氯酸钾 | 工业，500克 | 瓶 |  | 5 |  | | 75003 | 高锰酸钾 | 试剂，500克 | 瓶 |  | 10 |  | | 75004 | 硝酸铵 | 试剂，250克 | 瓶 |  | 5 |  | | 75005 | 硝酸钾 | 试剂，1500克 | 瓶 |  | 5 |  | | 75006 | 硝酸钠 | 试剂，1500克 | 瓶 |  | 2 |  | | 76002 | 氯化钡 | 试剂，250克 | 瓶 |  | 2 |  | | 77001 | 硝酸 | 试剂，500毫升 | 瓶 |  | 2 |  | | 77003 | 硫酸 | 试剂，500毫升 | 瓶 |  | 10 |  | | 77011 | 盐酸 | 试剂，1500毫升 | 瓶 |  | 10 |  | | 77031 | 氢氧化钾 | 试剂，100克 | 瓶 |  | 10 |  | | 77032 | 氢氧化钠 | 试剂，100克 | 瓶 |  | 10 |  | | 80201 | 初中化学实验材料 | 黄铜片、火柴、蜡烛、剪刀、焊锡、炭棒、导线、电灯泡、木板、电池、电珠、砂纸等 | 套 |  | 30 |  | | 81017 | 锉刀 | 符合GB/T 5806-2003 | 个 |  | 2 |  | | 81032 | 剪刀 | 符合《初中化学实验室装备标准》 | 把 |  | 2 |  | | 81051 | 玻璃瓶盖开启器 | 符合《初中化学实验室装备标准》 | 套 |  | 2 |  | | 81052 | 玻璃管切割器 | 符合《初中化学实验室装备标准》 | 个 |  | 5 |  | | 82001 | 工作服 | 防酸碱 | 件 |  | 2 |  | | 82003 | 护目镜 | 侧面完全遮挡，用于防强光、眩光、紫外、激光，或是机械性伤害。 | 个 |  | 2 |  | | 82007 | 耐酸手套 | 符合 AQ 6102-2007 | 双 |  | 5 |  | | 82010 | 简易急救箱 | 符合《初中化学实验室装备标准》 | 件 |  | 2 |  | | 82013 | 毒害品储存柜 | 防火、防盗、防腐蚀 | 个 |  | 1 |  | | 83201 | 木炭、植物油、面粉、味精、食醋、洗洁精、铁钉、棉花、牛奶、鸡蛋等 | 符合《初中化学实验室装备标准》 | 克 |  | 2 |  | | 72027 | 煤油 | 500毫升 | 瓶 |  | 1 |  | | 72025 | 酒精 | 95%，30千克 | 瓶 |  | 10 |  | | 02123 | 实验用品提篮 | 可固定试管、试剂瓶等仪器，底部有抽屉 | 个 |  | 1 |  | | 71 | 铝(片) | 100克 | 瓶 |  | 2 |  | | 82004 | 防护面罩 | 可提供颈部和头部保护 | 个 |  | 5 |  | | 82005 | 防毒口罩 | 有活性炭 | 个 |  | 5 |  | | 03008 | 试管架 | 12孔，12柱，与φ15mm×150mm试管匹配 | 个 |  | 5 |  | | 合计（元） | | | | | |  | | **思源学校初中化学** | | | | | | | | **编号** | **名称** | **规格** | **单位** |  | **购置数量** |  | | | 02002 | 打孔器 | 四件 | 套 |  | 1 |  | | 02003 | 打孔夹板 | 符合《初中化学实验室装备标准》 | 个 |  | 1 |  | | 02004 | 打孔器刮刀 | 符合《初中化学实验室装备标准》 | 个 |  | 1 |  | | 02005 | 手摇钻孔器 | 符合 JY1-2003 | 台 |  | 1 |  | | 02006 | 电动钻孔器 | 符合 JB 6827 | 台 |  | 1 |  | | 02073 | 磁力加热搅拌器 | 容量：20ml～3ml，转数0～1200转/分，无级调速 | 台 |  | 1 |  | | 02077 | 电加热器 | 密封式 | 个 |  | 1 |  | | 02084 | 烘干箱 | ≥80L | 台 |  | 1 |  | | 02102 | 注射器 | 10ml，塑料 | 支 |  | 40 |  | | 02122 | 试剂瓶托盘 | 符合《初中化学实验室装备标准》 | 个 |  | 12 |  | | 02124 | 塑料水槽 | 250mm×180mm×100mm | 个 |  | 10 |  | | 03002 | 方座支架 | 符合JY167-84 | 套 |  | 26 |  | | 03005 | 万能夹 | 符合《初中化学实验室装备标准》 | 个 |  | 1 |  | | 03006 | 三脚架 | 符合《初中化学实验室装备标准》 | 个 |  | 1 |  | | 03007 | 泥三角 | 符合《初中化学实验室装备标准》 | 个 |  | 1 |  | | 03009 | 漏斗架 | 合《初中化学实验室装备标准》 | 个 |  | 10 |  | | 03012 | 多用滴管架 | 符合《初中化学实验室装备标准》 | 个 |  | 2 |  | | 04001 | 学生电源 | 直流：1.5V～9V，1.5A，每1.5V一档 | 台 |  | 10 |  | | 04005 | 教学电源 | 交流：2V～12V，5A，每2V一档；直流：1.5V～12V，2A，分为1.5V、3V、4.5V、6V、9V、12V共6档 | 台 |  | 1 |  | | 11003 | 托盘天平 | 100g，0.1g | 台 |  | 30 |  | | 11005 | 托盘天平 | 500g，0.5g | 台 |  | 2 |  | | 13001 | 温度计 | 红液，0℃～100℃ | 支 |  | 10 |  | | 13003 | 温度计 | 水银，0℃～200℃ | 支 |  | 10 |  | | 15011 | 多用电表 | 不低于模拟式电表的交流5级,直流2.5级 | 只 |  | 1 |  | | 16002 | 密度计 | 密度<1 | 支 |  | 1 |  | | 26001 | 水电解演示器 | 30ml，铂电极 | 台 |  | 2 |  | | 26002 | 水电解实验器 | 符合《初中化学实验室装备标准》 | 台 |  | 20 |  | | 26003 | 原电池实验器 | 符合《初中化学实验室装备标准》 | 个 |  | 20 |  | | 26008 | 初中微型化学实验箱 | 符合《初中化学实验室装备标准》 | 个 |  | 4 |  | | 26009 | 分子间隔实验器 | 符合《初中化学实验室装备标准》 | 件 |  | 20 |  | | 26010 | 深液导电演示器 | 符合《初中化学实验室装备标准》 | 台 |  | 2 |  | | 26015 | 化学实验装置磁性教具 | 符合《初中化学实验室装备标准》 | 套 |  | 2 |  | | 26018 | 元素学习卡 | 学习元素名称、符号用 | 套 |  | 2 |  | | 32008 | 碳的同素异形体结构模型 | 包括金刚石、石墨、碳-60三种结构模型；小型，球管式，可拆卸 | 套 |  | 1 |  | | 42001 | 金属矿物、金属及合金标本 | 各类不少于5种 | 盒 |  | 1 |  | | 42002 | 原油常见馏分标本 | 不少于8种 | 盒 |  | 1 |  | | 42003 | 合成有机高分子材料标本 | 不少于10种 | 盒 |  | 1 |  | | 42004 | 新型无机非金属材料标本 | 氧化铝陶瓷、氮化硅陶瓷、光导纤维等 | 盒 |  | 1 |  | | 52001 | 走进化学实验室 | 正版图书 | 套 |  | 1 |  | | 52002 | 身边的化学物质 | 正版图书 | 套 |  | 1 |  | | 52003 | 物质结构的奥秘 | 正版图书 | 套 |  | 1 |  | | 52041 | 元素周期表 | 有外围电子层排布，带轴 | 套 |  | 1 |  | | 52401 | 初中化学实验教学指导书 | 正版图书 | 套 |  | 2 |  | | 52402 | 初中化学实验仪器手册 | 正版图书 | 套 |  | 2 |  | | 61008 | 具支试管 | φ20mm×200mm | 支 |  | 50 |  | | 61024 | 烧杯 | 500ml | 个 |  | 10 |  | | 61025 | 烧杯 | 1ml | 个 |  | 10 |  | | 61041 | 锥形瓶 | 100ml | 个 |  | 20 |  | | 62007 | 气体发生器 | 250ml | 个 |  | 2 |  | | 62031 | 漏斗 | 60mm | 个 |  | 50 |  | | 62032 | 漏斗 | 90mm | 个 |  | 50 |  | | 62033 | 安全漏斗 | 直形 | 个 |  | 50 |  | | 62034 | 安全漏斗 | 双球 | 个 |  | 50 |  | | 62035 | 分液漏斗 | 锥形，100ml | 个 |  | 50 |  | | 62036 | 分液漏斗 | 梨形，50ml | 个 |  | 50 |  | | 62073 | 滴管 | 符合 JY/T 0433-2011 | 支 |  | 50 |  | | 62079 | 活塞 | 直形 | 支 |  | 20 |  | | 63005 | 液封除毒气集气瓶 | 250ml | 个 |  | 10 |  | | 63041 | 滴瓶 | 30ml | 个 |  | 50 |  | | 63042 | 滴瓶 | 60ml | 个 |  | 50 |  | | 64032 | 石棉网 | 符合《初中化学实验室装备标准》 | 个 |  | 50 |  | | 64041 | 燃烧匙 | 符合《初中化学实验室装备标准》 | 个 |  | 20 |  | | 64042 | 药匙 | 符合《初中化学实验室装备标准》 | 个 |  | 50 |  | | 64051 | 玻璃管 | φ5mm～φ6mm | 千克 |  | 1 |  | | 64052 | 玻璃管 | φ7mm～φ8mm | 千克 |  | 1 |  | | 64053 | 玻璃棒 | φ3mm～φ4mm | 千克 |  | 1 |  | | 64054 | 玻璃棒 | φ5mm～φ6mm | 千克 |  | 1 |  | | 64061 | 软胶塞 | 符合《初中化学实验室装备标准》 | 千克 |  | 1 |  | | 64062 | 橡胶管 | 符合《初中化学实验室装备标准》 | 千克 |  | 1 |  | | 64063 | 乳胶管 | 符合《初中化学实验室装备标准》 | 米 |  | 10 |  | | 64071 | 试管刷 | 符合《初中化学实验室装备标准》 | 个 |  | 20 |  | | 64072 | 烧瓶刷 | 符合《初中化学实验室装备标准》 | 个 |  | 10 |  | | 64094 | 塑料多用滴管 | 4ml | 支 |  | 100 |  | | 72 | 铝箔 | 50克 | 瓶 |  | 2 |  | | 73 | 铝丝 | 100克 | 瓶 |  | 2 |  | | 74 | 锌(粒) | 工业，1克 | 瓶 |  | 4 |  | | 75 | 还原铁粉 | 试剂，50克 | 瓶 |  | 1 |  | | 76 | 铁丝 | 250克 | 瓶 |  | 2 |  | | 78 | 锡粒 | 250克 | 瓶 |  | 1 |  | | 79 | 铅粒 | 250克 | 瓶 |  | 1 |  | | 70010 | 铜(紫铜片) | 250克 | 瓶 |  | 2 |  | | 70011 | 铜丝 | 100克 | 瓶 |  | 2 |  | | 70021 | 碘 | 试剂，50克 | 瓶 |  | 1 |  | | 70022 | 活性炭 | 500克 | 瓶 |  | 1 |  | | 70032 | 二氧化锰 | 试剂，250克 | 瓶 |  | 1 |  | | 70033 | 三氧化二铁 | 试剂，250克 | 瓶 |  | 1 |  | | 70034 | 氧化铜 | 工业，500克 | 瓶 |  | 1 |  | | 70041 | 氯化钾 | 试剂，250克 | 瓶 |  | 1 |  | | 70042 | 氯化钠 | 试剂，500克 | 瓶 |  | 4 |  | | 70044 | 氯化钙 | 试剂，250克 | 瓶 |  | 1 |  | | 70045 | 无水氯化钙 | 工业，100克 | 瓶 |  | 1 |  | | 70046 | 氯化镁 | 试剂，250克 | 瓶 |  | 1 |  | | 70047 | 三氯化铁 | 试剂，250克 | 瓶 |  | 1 |  | | 70049 | 氯化铵 | 工业，500克 | 瓶 |  | 1 |  | | 70065 | 碘化钾 | 试剂，500克 | 瓶 |  | 1 |  | | 70070 | 硫酸钾 | 试剂，250克 | 瓶 |  | 1 |  | | 70083 | 硫酸铝 | 试剂，250克 | 瓶 |  | 1 |  | | 70086 | 硫酸铜(蓝矾、胆矾) | 工业，1克 | 瓶 |  | 1 |  | | 70087 | 硫酸铵 | 工业，250克 | 瓶 |  | 1 |  | | 70088 | 硫酸铝钾(明矾) | 工业，1克 | 瓶 |  | 2 |  | | 70091 | 无水硫酸铜 | 试剂，100克 | 瓶 |  | 1 |  | | 71001 | 碳酸钾 | 试剂，100克 | 瓶 |  | 1 |  | | 71002 | 碳酸钠 | 工业，1克 | 瓶 |  | 2 |  | | 71003 | 碳酸氢钠 | 工业，500克 | 瓶 |  | 2 |  | | 71004 | 大理石 | 2克 | 瓶 |  | 4 |  | | 71005 | 碳酸氢铵 | 工业，500克 | 瓶 |  | 1 |  | | 71006 | 碱式碳酸铜 | 试剂，500克 | 瓶 |  | 1 |  | | 71020 | 硝酸银 | 试剂，25克 | 瓶 |  | 1 |  | | 71030 | 乙酸铅 | 试剂，50克 | 瓶 |  | 1 |  | | 71041 | 氢氧化钡 | 试剂，50克 | 瓶 |  | 1 |  | | 71042 | 氨水 | 试剂，500克 | 瓶 |  | 4 |  | | 71043 | 氧化钙(生石灰) | 500克 | 瓶 |  | 1 |  | | 71044 | 氢氧化钙(熟石灰) | 500克 | 瓶 |  | 2 |  | | 71045 | 碱石灰 | 250克 | 瓶 |  | 1 |  | | 72001 | 无水乙酸钠 | 试剂，100克 | 瓶 |  | 1 |  | | 72002 | 柠檬酸钠 | 试剂，50克 | 瓶 |  | 1 |  | | 72021 | 葡萄糖 | 250克 | 瓶 |  | 1 |  | | 72022 | 蔗糖 | 250克 | 瓶 |  | 1 |  | | 72051 | 石蕊 | 指示剂，10克 | 瓶 |  | 2 |  | | 72052 | 酚酞 | 指示剂，5克 | 瓶 |  | 2 |  | | 72054 | 品红 | 染料，5克 | 瓶 |  | 2 |  | | 72061 | pH广范围试纸 | 1～14 | 本 |  | 5 |  | | 72062 | 蓝石蕊试纸 | 符合《初中化学实验室装备标准》 | 本 |  | 5 |  | | 72063 | 红石蕊试纸 | 符合《初中化学实验室装备标准》 | 本 |  | 5 |  | | 72091 | 定性滤纸 | 符合GB/T 1914-2017 | 盒 |  | 5 |  | | 73003 | 汽油 | 250毫升 | 瓶 |  | 1 |  | | 73005 | 丙酮 | 试剂，250毫升 | 瓶 |  | 1 |  | | 74001 | 红(赤)磷 | 50克 | 瓶 |  | 1 |  | | 74011 | 硫粉 | 工业，25克 | 瓶 |  | 1 |  | | 74012 | 镁条 | 10克 | 瓶 |  | 1 |  | | 74013 | 铝粉 | 工业，10克 | 瓶 |  | 1 |  | | 74060 | 黄(白)磷 | 5克 | 瓶 |  | 1 |  | | 75001 | 过氧化氢 | 试剂，30%，1500毫升 | 瓶 |  | 1 |  | | 75002 | 氯酸钾 | 工业，500克 | 瓶 |  | 1 |  | | 75003 | 高锰酸钾 | 试剂，500克 | 瓶 |  | 10 |  | | 75004 | 硝酸铵 | 试剂，250克 | 瓶 |  | 2 |  | | 75005 | 硝酸钾 | 试剂，1500克 | 瓶 |  | 2 |  | | 75006 | 硝酸钠 | 试剂，1500克 | 瓶 |  | 1 |  | | 75013 | 硝酸汞 | 试剂，250克 | 瓶 |  | 1 |  | | 75017 | 硝酸钡 | 25克 | 瓶 |  | 1 |  | | 76001 | 草酸 | 试剂，100毫升 | 瓶 |  | 1 |  | | 76002 | 氯化钡 | 试剂，250克 | 瓶 |  | 1 |  | | 77001 | 硝酸 | 试剂，500毫升 | 瓶 |  | 1 |  | | 77003 | 硫酸 | 试剂，500毫升 | 瓶 |  | 4 |  | | 77004 | 硫酸 | 工业，2毫升 | 瓶 |  | 1 |  | | 77011 | 盐酸 | 试剂，1500毫升 | 瓶 |  | 10 |  | | 77012 | 盐酸 | 工业，3毫升 | 瓶 |  | 4 |  | | 77021 | 甲酸 | 试剂，250毫升 | 瓶 |  | 1 |  | | 77026 | 乙酸 | 试剂，500毫升 | 瓶 |  | 1 |  | | 77031 | 氢氧化钾 | 试剂，100克 | 瓶 |  | 1 |  | | 77032 | 氢氧化钠 | 试剂，100克 | 瓶 |  | 4 |  | | 77033 | 氢氧化钠 | 工业，2克 | 瓶 |  | 1 |  | | 80201 | 初中化学实验材料 | 黄铜片、火柴、蜡烛、剪刀、焊锡、炭棒、导线、电灯泡、木板、电池、电珠、砂纸等 | 套 |  | 50 |  | | 80401 | 地球科学实验材料 | 水粉颜料、细钢丝、细铁丝、橡皮泥、纱布条、棉签、软木塞、硬纸板、细线等 |  |  | 2 |  | | 81015 | 手锤 | 符合《初中化学实验室装备标准》 | 个 |  | 4 |  | | 81017 | 锉刀 | 符合GB/T 5806-2003 | 个 |  | 4 |  | | 81032 | 剪刀 | 符合《初中化学实验室装备标准》 | 把 |  | 4 |  | | 81051 | 玻璃瓶盖开启器 | 符合《初中化学实验室装备标准》 | 套 |  | 4 |  | | 81052 | 玻璃管切割器 | 符合《初中化学实验室装备标准》 | 个 |  | 4 |  | | 82001 | 工作服 | 防酸碱 | 件 |  | 4 |  | | 82003 | 护目镜 | 侧面完全遮挡，用于防强光、眩光、紫外、激光，或是机械性伤害。 | 个 |  | 50 |  | | 82007 | 耐酸手套 | 符合 AQ 6102-2007 | 双 |  | 4 |  | | 82009 | 洗眼器 | 符合《初中化学实验室装备标准》 | 套 |  | 1 |  | | 82010 | 简易急救箱 | 符合《初中化学实验室装备标准》 | 件 |  | 2 |  | | 82011 | 实验防护屏 | 符合《初中化学实验室装备标准》 | 件 |  | 1 |  | | 83201 | 木炭、植物油、面粉、味精、食醋、洗洁精、铁钉、棉花、牛奶、鸡蛋等 | 符合《初中化学实验室装备标准》 | 克 |  | 50 |  | | 72027 | 煤油 | 500毫升 | 瓶 |  | 1 |  | | 61007 | 试管 | φ32mm×200mm | 支 |  | 10 |  | | 72025 | 酒精 | 95%，30千克 | 瓶 |  | 10 |  | | 02123 | 实验用品提篮 | 可固定试管、试剂瓶等仪器，底部有抽屉 | 个 |  | 4 |  | | 16001 | 密度计 | 密度＞1 g/cm3 | 支 |  | 1 |  | | 26011 | 微型溶液导电实验器 | 金属电极，笔式，所需溶液不超过3mL | 套 |  | 50 |  | | 32004 | 金刚石结构模型 | 球直径不小于30mm | 套 |  | 1 |  | | 32005 | 石墨结构模型 | 球直径不小于30mm | 套 |  | 1 |  | | 32006 | 碳-60结构模型 | 球直径不小于30mm | 套 |  | 1 |  | | 32007 | 氯化钠晶体结构模型 | 球直径不小于30mm | 套 |  | 1 |  | | 63002 | 集气瓶 | 125mL，附毛玻璃片 | 个 |  | 10 |  | | 71 | 铝(片) | 100克 | 瓶 |  | 2 |  | | 82004 | 防护面罩 | 可提供颈部和头部保护 | 个 |  | 2 |  | | 82005 | 防毒口罩 | 有活性炭 | 个 |  | 2 |  | | 02121 | 塑料洗瓶 | 250mL或500mL | 个 |  | 10 |  | | 03008 | 试管架 | 12孔，12柱，与φ15mm×150mm试管匹配 | 个 |  | 50 |  | | 合计（元） | | | | | |  | | **石碌镇学校初中化学** | | | | | | | | 序号 | 设备名称 | 参数 | 单位 |  | 数量 |  | | 1 | 86寸交互智能平板（核心产品） | （一）1.配套黑板   1. 规格：外径4200mm×1300mm，确保与电子产品尺寸有效对接，并可根据教室实际情况进行适当调整。 （2）结构：由四块折弯无边框板、铝型材外框、变轨滑动系统构成，四块书写板通过变轨导向部件可组合成一个平面，增大视角，提高绿板外观整体视觉效果；上下滑轨采用开放式双滑轮双导轨，中间的活动绿板在处于关闭状态时，自动归位到固定绿板同一平面，整个推拉动作一次完成。 （3）整板看面无竖框，绿板相邻之处采用折弯无边框设计，折弯收口处均做防护处理，保证使用安全；整板合并后无边框障碍，可连续书写，增强教师书写的流畅性及学生的感观舒适性。 （4）书写面板：材质采用优质金属烤漆钢板，板面厚度≥0.30mm，表面细腻平整，不变形，整板无拼接；颜色：白色，表面附有透明保护膜；硬度：涂层硬度≥6H；光泽度：光泽度＞35%；书写性：使用白板笔书写，笔记均匀、线条明显，字迹清晰，无断线现象；擦拭性：用干式或湿式板擦往复擦拭两遍，无明显残留字迹。 （5）衬板：采用防潮、环保、高密度聚苯乙烯泡沫板，厚度10mm，软硬适中，面层平整，不变形，整张无接缝。 （6）背板：采用优质快选彩涂（可选）钢板，厚度0.3mm，双面双涂，表面光滑均匀，防锈功能好，经久耐用。 （7）工艺：采用书写板专用环保型双组份聚氨酯胶水粘合，经由自动生产线一次性定型，胶合牢固，耐腐蚀、耐冲击，防水、防锈，经久耐用，保持书写板面平整，不会脱壳； （8）外框：材质采用高档亚光银白色铝合金型材，表面经氧化、磨砂涂层处理，表面无划伤，抗腐蚀，模具一次成型；质量符合国家相关要求。 （9）缓冲垫：黑板外框内部两侧安装橡胶缓冲垫，保护边框，防止挤手。 （10）滑轮：主滑轮采用两组滑轮小车和变轨导向部件组合，引导活动绿板滑动至与固定绿板平行的轨道内，运行无噪音； （12）粉笔槽：长度与书写板长度匹配，可以收集粉尘，防止粉尘垂直落地，也可放置板擦、粉笔等教学用品增加老师教学空间；与下框采用卡扣暗钩式连接，一体化设计效果，连接牢固可靠。 （13）安全性：各相对运动部件之间预留安全距离，保证使用者安全，不会挤手；黑板固定要考虑到墙体的特殊性，保证黑板安装牢固可靠；符合GB28231-2011《书写板安全卫生要求》。   2.整机尺寸，长度≥4100mm、高度≥1100mm、厚度≤120mm。（提供第三方 检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件）  3.屏幕：（1）.屏幕尺寸：86 英寸。（2）.显示分辨率不低于：3840×2160；（3）.显示比例：16:9；（4）.显示大屏亮度：≥350cd/m²。（5）.可视角度：≥178°。（6）.对比度：≥1200:1。（7）.色彩覆盖率（色域）≥NTSC73%。(屏体要求：A规屏（投标时提供承诺函：承诺产品交付验收时提供加盖屏体制造厂商公章的屏体制造厂商针对投标产品出具的A规 屏体质量标准证明文件）。提供第三方检测机构出具的具有CMA或CNAS标识的 检验（测）报告扫描件)  4.书写要求：整机设备副屏板支持普通粉笔、液体粉笔、水溶性粉笔直接书写。  5.色彩，整机支持色彩空间可选，包含标准模式、sRGB模式或支持自定义显示 模式等。（提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫 描件）  6.钢化玻璃：（1）整机采用防眩光、防爆、钢化玻璃。（2）玻璃面板硬度等级不低于莫氏7级或表面硬度≥8H。(提供第三方检测机构出具的具有CMA或CNAS标识的 检验（测）报告扫描件。)  7.屏幕护眼：通过由中国标准化研究院制定的视觉舒适度（VICO）评价体系测试，并达到视觉舒适度A级或②符合《GB 40070-2021儿童青少年学习用品近视防控卫生要求》中关于教学多媒体产品显示技术要求。(提供第三方检 测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  8.贴合方式：整机液晶面板与防护钢化玻璃零贴合或全贴合设计。(提供第三方检 测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。  9.触控技术：采用电容触控技术。(提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  10.触控点数：整机系统和 Windows系统均可支持40点及以上。(提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  11.书写延时：整机系统支持书写延迟≤35ms。(提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  12.整机系统配置：（1）.整机采用四核64位及以上 CPU 处理器。（2）.内存≥2GB。（3）.存储空间≥16GB。（4）.支持在线升级。（5）.触控一体机自带整机操作系统。(提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  13.前置接口：（1）前置Type-C或HDMI接口≥1个。（2）.USB3.0接口数量≥2个。（提供真机照片）  14.后置输入接口：（1）含①USB、②HDMI、③Touch USB、④音频Line in或Line out或Mic in或Mic out、⑤RJ45接口。（提供真机照片）  15.扬声器：（1）整机内置2.0声道扬声器。（2）总功率不低于30W。（提供第三方检测机 构出具的具有CMA或CNAS标识的检验（测）报告扫描件。 ）16.摄像头：（1）可拍摄≥1300万像素数的照片。（2）整机支持输出摄像头视场角≥80度，水平视场角≥130度。（提供第三方检测机 构出具的具有CMA或CNAS标识的检验（测）报告扫描件。 ）  17.麦克风：8阵列麦克风，拾音角度≥180°，可用于对教室环境音频进行采集，拾音距离≥8m。（提供第三方检测机构出具的具有CMA或CNAS标识的检验（测 ）报告扫描件。）  18.网卡，内置WiFi无线网卡，在整机系统和操作系统下，可实现Wi-Fi无线上网 连接。（提供官网截图证明文件。）  19.蓝牙，整机或内置电脑模块支持蓝牙Bluetooth 5.0或以上标准。（提供第三 方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。）20.任意信号源通道快捷菜单，任意信号源通道下，都可调出快捷菜单，+菜单 含小工具、快捷设置、亮度/音量调节。（提供第三方检测机构出具的具有CMA或C NAS标识的检验（测）报告扫描件。）  21.小工具：（1）整机全通道（任意信号源）快捷菜单包含如下小工具：批注、截屏、计时 、缩放，支持用户自主添加不同工具；整机系统或操作系统内置书写白板，支持橡皮擦 、圈选、保存、分享、导出功能。（2）整机系统或Windows系统内置书写白板，支持橡皮擦、圈选、保存、分享/导出功能。  22.手势/书写识别（触屏），手势或书写识别（触屏），整机具备智能手势识别功能 ，在任意信号源通道下均通过响应手势调用相应功能。  23.应用切换：整机全通道快捷菜单中应用软件可以进行切换，无需在已经开启任意应用软件全屏模式下退出当前应用再选择更换。  24.随机抽选：触控一体机能够使用摄像头获取多种使用场景内的图像，并自动识别所有在图像内的人员，随机地从中选出一个人。  25.人数统计：触控一体机可以通过摄像头拍摄多种使用场景内的图像，自动识别人员并计算图像内人员总数。26.窗口下移：在整机系统下，可通过功能键或手势实现一键降屏（窗口下移）功能，支持点击恢复显示全屏窗口。  27.设备安全管理，整机系统内置自检维护功能，可一键进行自检，针对不同模块给出 问题原因提示。整机系统支持在线升级，升级过程中电源中断，恢复后可断点续传，避 免升级失败。整机系统支持还原出厂设置功能，还原出厂设置后可保留原 IP。  28.投屏：（1）支持投屏，支持HDMI投屏，或type-C有线投屏，或无线投屏。（2）支持手机NFC无线投屏，通过NFC区域触碰实现手机投屏或支持手机投屏、传输文件。（3）支持基于物理线缆实现电脑终端有线投屏，同时可以在触控一体机上对电脑终端进行触控操作。（提供官网截图证明文件。）  29.标配书写笔两根，壁挂架一套。（提供官网 截图证明文件。） （二）、内置电脑模块（OPS）  1、模块化，内置电脑采用模块化设计。（提供第三方检测机构出具的具有CMA或CNAS 标识的检验（测）报告扫描件。）  2、接口，需具备HDMI OUT，USB接口≥3个。提供真机照片。  3、CPU，≥ i7 12650H▲（提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。）  4、内存，≥ 1 6 G B DDR4。（提供第三方检测机构出具的具有CMA或CNAS标识的检验 （测）报告扫描件。） 5、硬盘，≥512GB SSD。（提供第三方检测机构出具的具有CMA或CNAS标识的检验 （测）报告扫描件。）  6、网络，具备千兆以太网卡。（提供第三方检测机构出具的具有CMA或CNAS标识的检 验（测）报告扫描件。）  （三）1、（整机内置流式、版式、杀毒软件， 支持进行病毒查杀），须完全满足中小学各段各学科教育教学需要。（提供官网截图证明文件。）  2、OPS操作系统，预装Windows11及以上正版操作系统。（提供官网截图证明文件）。配套资源与工具软件（提供6年免费升级和运维服务）（1）核心设备须配套管理软件、教学软件、教学资源和工具软件及其平台。包括如下内容：触控一体机自带系统级保护程序，支持多种弹窗拦截方式，支持录播功能，支持远程清理设备磁盘，支持同时查看多个教室的实时摄像头画面、设备屏幕画面，支持管理 权限分配，可设置多个管理人，支持对设备多个指标维度进行监控，提供丰富的教学资 源，提供多种基础学科工具，提供多种学科资源工具，支持对全校多媒体教室的触控一体机设备进行集中运维管理和设备巡视。 （2）集控管理平台，集控管理平台至少能现实如下功能： ①设备详情：查看校园内所有设备的状态，包括在线、离线状态，开机时长、CPU 使用率、预警设置等，支持按照设备类型、设备名称进行查询筛选；支持按列表展示以 及按缩略图展示。 ②远程控制：可远程控制所选择设备桌面，方便用户远程管理。 ③文件分发：支持多文件推送至任意选定的设备，包括文本、图片、pdf、word、exc el、ppt、音视频等。 4.备份还原：支持远程备份还原OPS操作系统。 5.教学管理：支持远程巡课、听课、评课等。   1. 系统集成（提供6年免费质保及运维服务。）1、设备集中管理网络部署，把项目学校的设备（触控一体机）部署连接到集控管理平台，包括网络设计、综合布线、硬件和软件部署等。 2.集控管理平台部署，触控一体机集控管理平台部署，包括设备安装、调试，软件部署、配置及测试。 3、软硬件部署安装调试，多媒体教室软硬件系统集成实施部署及安装调试，包括触控一体机、视频展台、音响设备等硬件，配套教学平台、教学软件、教学资源、教学工具等软件部署、安装、配置及调试、测试，以及综合布线等。 4.设备信息采集及数据录入，按照设备信息采集及数据录入规则把所投标的全部产品 信息采集并数据录入“海南省教育数字化设备资产与运维管理系统”及“预算管理一体化系统”（固定资产管理系统）。通过标签打印机打印固定资产卡片（70\*50mm），并粘贴在设备上。包括：产品名称、保修序列号、生产者、供货商、安装地点等详细信息 ；要求粘贴统一的资产与运维管理二维码。同时也把运维技术员和学校设备管理员的信息录入。在申报验收前，须完成全部产品和技术人员的信息数据录入。采购人将在系统中核查设备信息，并以此作为验收通过的必要条件。 5、资源平台服务，设备配套的教学资源、教学工具及教学软件须有汇聚的系统平台， 并提供运维服务。提供海南省中小学各学段各学科教材的教学资源、教学工具软件其系统平台为所有项目学校教师和学生开展教育教学使用，做好资源平台配置、师生信息录 入、数据安全等本地服务和云服务。 6、云空间及服务，为项目学校免费提供教学资源云空间及服务，每位教师的云空间容量≥2G，做好资源云空间配置、教师信息录入、数据安全等本地服务和云服务。 7、资源建设服务，资源建设服务：指导项目学校充分利用多媒体教室开展教学活动，支持项目校录播课堂教学视频，平均每所学校不少于5个课时。 8、教师培训，组织项目学校教师开展数字技术应用能力提升培训（涉及多媒体教室应用相关），平均每所学校不少于3个课时。9、旧设备处置，（1）中标人免费负责将项目学校原有旧机及相关设备设施拆除并搬运到指定位置，并通过学校签收、盖章确认；（2）拆除作业应符合GB2894安全标准，确保施工安全；（3）拆除搬运过程造成设施损坏或安全事故，均由中标人负责并赔偿损失。（四）、应用软件及适配：1.应用软件（正版）：含流式软件、版式软件，以及杀毒软件（整机内置杀毒软件，支持进行病毒查杀）。2.适配要求：要求能够适配教育系统正在使用的主流教育教学wps正版软件等。 | 台 |  | 1 |  | | 2 | 壁挂视频展台 | 硬件部分： 1.壁挂式安装，防盗防破坏。 2.无锐角无利边设计，有效防止师生碰伤、划伤。 3.托板尺寸≥A4面积，收起时小巧不占空间，高效利用挂墙面积。 4.采用USB高速接口，单根USB线实现供电、高清数据传输需求。 5.采用不少于800W像素自动对焦摄像头，可拍摄A4画幅。 6.展台按键采用触摸按键，可实现一键启动展台画面、画面放大、画面缩小、画面旋转、拍照截图等功能，同时也支持在一体机或电脑上进行同样的操作。 7.整机自带均光罩LED补光灯，光线不足时可进行亮度补充，亮度均匀。 8.外壳在摄像头部分带保护镜片密封，防止灰尘沾染摄像头，防护等级达到IP4X级别。 展台软件： 1.支持对展台实时画面进行放大、缩小、旋转、自适应、冻结画面等操作。 2.支持展台画面实时批注，预设多种笔划粗细及颜色供选择，且支持对展台画面联同批注内容进行同步缩放、移动。 3.支持展台画面拍照截图并进行多图预览，可对任一图片进行全屏显示。 4.老师可在一体机或电脑上选择延时拍照功能，支持5秒或10秒延时模式，预留充足时间以便调整拍摄内容。 5.可选择图像、文本或动态三种情景模式，适应不同展示内容。 6.具备图像增强功能，可自动裁剪背景并增强文字显示，使文档画面更清晰。 7.支持故障自动检测，在软件无法出现展台拍摄画面时，自动出现检测链接，帮助用户检测“无画面”的原因，并给出引导性解决方案。 8.支持二维码扫码功能：打开扫一扫功能后，将书本上的二维码放入扫描框内即可自动扫描，并进入系统浏览器获取二维码的链接内容，帮助老师快速获取电子教学资源。 | 台 |  | 1 |  | | 3 | 壁挂音箱 | 1.采用功放与有源音箱一体化设计，内置麦克风无线接收模块，帮助教师实现多媒体扩音以及本地扩声功能。 2.双音箱有线连接，机箱采用塑胶材质，保护设备免受环境影响。 3.输出额定功率:额定功率≥20W 4.端口：220V电源接口\*1、Line in\*1、USB\*1。 5.麦克风和功放音箱之间采用数字U段传输技术，有效避免环境中2.4G信号干扰，例如蓝牙及WIFI设备。 6.配置独立音频数字信号处理芯片，支持啸叫抑制功能。1.无线麦克风集音频发射处理器、天线、电池、拾音麦克风于一体，配合一体化有源音箱，无需任何外接辅助设备即可实现本地扩声功能。 7.麦克风和功放音箱之间采用数字U段传输技术，有效避免环境中2.4G信号干扰，例如蓝牙及WIFI设备。 8.支持智能红外对码及UHF对码，可在2s内快速完成与教学扩声音箱对码，无需繁琐操作。可与移动音箱或录播主机对码连接。 9.配手持、领夹式麦克风至少各1副，麦克风距离音箱最大有效工作距离≥2米，保证全教室覆盖 | 套 |  | 1 |  | | 02006 | 电动钻孔器 | 符合 JB 6827 | 台 |  | 1 |  | | 02122 | 试剂瓶托盘 | 符合《初中化学实验室装备标准》 | 个 |  | 20 |  | | 02124 | 塑料水槽 | 250mm×180mm×100mm | 个 |  | 20 |  | | 03002 | 方座支架 | 符合JY167-84 | 套 |  | 20 |  | | 03009 | 漏斗架 | 符合Q\_YZD 0076-2019 | 个 |  | 50 |  | | 03010 | 滴定台 | 符合《初中化学实验室装备标准》 | 个 |  | 20 |  | | 03012 | 多用滴管架 | 符合《初中化学实验室装备标准》 | 个 |  | 20 |  | | 11005 | 托盘天平 | 500g，0.5g | 台 |  | 20 |  | | 26008 | 初中微型化学实验箱 | 符合《初中化学实验室装备标准》 | 个 |  | 2 |  | | 26015 | 化学实验装置磁性教具 | 符合《初中化学实验室装备标准》 | 套 |  | 1 |  | | 52001 | 走进化学实验室 | 正版图书 | 套 |  | 2 |  | | 52002 | 身边的化学物质 | 正版图书 | 套 |  | 2 |  | | 52401 | 初中化学实验教学指导书 | 正版图书 | 套 |  | 2 |  | | 61005 | 试管 | φ20mm×200mm | 支 |  | 200 |  | | 61009 | 硬质玻璃管 | φ15mm×150mm | 支 |  | 200 |  | | 61010 | 硬质玻璃管 | φ20mm×250mm | 支 |  | 300 |  | | 62021 | 冷凝器 | 直形，300mm | 支 |  | 2 |  | | 62092 | 圆水槽 | φ270mm×140mm | 个 |  | 20 |  | | 64002 | 坩埚钳 | 200mm | 个 |  | 20 |  | | 64003 | 烧杯夹 | 符合《初中化学实验室装备标准》 | 个 |  | 50 |  | | 64063 | 乳胶管 | 符合《初中化学实验室装备标准》 | 米 |  | 100 |  | | 76 | 铁丝 | 250克 | 瓶 |  | 1 |  | | 70010 | 铜(紫铜片) | 250克 | 瓶 |  | 1 |  | | 70021 | 碘 | 试剂，50克 | 瓶 |  | 1 |  | | 70022 | 活性炭 | 500克 | 瓶 |  | 2 |  | | 71043 | 氧化钙(生石灰) | 500克 | 瓶 |  | 2 |  | | 71044 | 氢氧化钙(熟石灰) | 500克 | 瓶 |  | 2 |  | | 72021 | 葡萄糖 | 250克 | 瓶 |  | 1 |  | | 72022 | 蔗糖 | 250克 | 瓶 |  | 1 |  | | 72051 | 石蕊 | 指示剂，10克 | 瓶 |  | 1 |  | | 72052 | 酚酞 | 指示剂，5克 | 瓶 |  | 1 |  | | 72054 | 品红 | 染料，5克 | 瓶 |  | 1 |  | | 72061 | pH广范围试纸 | 1～14 | 本 |  | 20 |  | | 72091 | 定性滤纸 | 符合GB/T 1914-2017 | 盒 |  | 50 |  | | 74011 | 硫粉 | 工业，25克 | 瓶 |  | 2 |  | | 74012 | 镁条 | 10克 | 瓶 |  | 10 |  | | 75001 | 过氧化氢 | 试剂，30%，1500毫升 | 瓶 |  | 2 |  | | 80201 | 初中化学实验材料 | 黄铜片、火柴、蜡烛、剪刀、焊锡、炭棒、导线、电灯泡、木板、电池、电珠、砂纸等 | 套 |  | 20 |  | | 82001 | 工作服 | 防酸碱 | 件 |  | 2 |  | | 82007 | 耐酸手套 | 符合 AQ 6102-2007 | 双 |  | 10 |  | | 82009 | 洗眼器 | 符合《初中化学实验室装备标准》 | 套 |  | 2 |  | | 82010 | 简易急救箱 | 符合《初中化学实验室装备标准》 | 件 |  | 1 |  | | 82011 | 实验防护屏 | 符合《初中化学实验室装备标准》 | 件 |  | 2 |  | | 83201 | 木炭、植物油、面粉、味精、食醋、洗洁精、铁钉、棉花、牛奶、鸡蛋等 | 符合《初中化学实验室装备标准》 | 克 |  | 10 |  | | 61007 | 试管 | φ32mm×200mm | 支 |  | 200 |  | | 72025 | 酒精 | 95%，30千克 | 瓶 |  | 20 |  | | 02075 | 酒精喷灯 | 座式，铜制 | 个 |  | 20 |  | | 02123 | 实验用品提篮 | 可固定试管、试剂瓶等仪器，底部有抽屉 | 个 |  | 5 |  | | 71 | 铝(片) | 100克 | 瓶 |  | 2 |  | | 82004 | 防护面罩 | 可提供颈部和头部保护 | 个 |  | 2 |  | | 82005 | 防毒口罩 | 有活性炭 | 个 |  | 20 |  | | 02121 | 塑料洗瓶 | 250mL或500mL | 个 |  | 50 |  | | 合计（元） | | | | | |  | | **矿区学校初中化学** | | | | | | | | 序号 | 设备名称 | 参数 | 单位 |  | 数量 |  | | 1 | 86寸交互智能平板 | （一）1.配套黑板  （1）、规格：外径4200mm×1300mm，确保与电子产品尺寸有效对接，并可根据教室实际情况进行适当调整。 （2）.结构：由四块折弯无边框板、铝型材外框、变轨滑动系统构成，四块书写板通过变轨导向部件可组合成一个平面，增大视角，提高绿板外观整体视觉效果；上下滑轨采用开放式双滑轮双导轨，中间的活动绿板在处于关闭状态时，自动归位到固定绿板同一平面，整个推拉动作一次完成。 （3）.整板看面无竖框，绿板相邻之处采用折弯无边框设计，折弯收口处均做防护处理，保证使用安全；整板合并后无边框障碍，可连续书写，增强教师书写的流畅性及学生的感观舒适性。 （4）.书写面板：材质采用优质金属烤漆钢板，板面厚度≥0.30mm，表面细腻平整，不变形，整板无拼接；颜色：白色，表面附有透明保护膜；硬度：涂层硬度≥6H；光泽度：光泽度＞35%；书写性：使用白板笔书写，笔记均匀、线条明显，字迹清晰，无断线现象；擦拭性：用干式或湿式板擦往复擦拭两遍，无明显残留字迹。 （5）.衬板：采用防潮、环保、高密度聚苯乙烯泡沫板，厚度10mm，软硬适中，面层平整，不变形，整张无接缝。 （6）.背板：采用优质快选彩涂（可选）钢板，厚度0.3mm，双面双涂，表面光滑均匀，防锈功能好，经久耐用。 （7）.工艺：采用书写板专用环保型双组份聚氨酯胶水粘合，经由自动生产线一次性定型，胶合牢固，耐腐蚀、耐冲击，防水、防锈，经久耐用，保持书写板面平整，不会脱壳； （8）.外框：材质采用高档亚光银白色铝合金型材，表面经氧化、磨砂涂层处理，表面无划伤，抗腐蚀，模具一次成型；质量符合国家相关要求。 （9）.缓冲垫：黑板外框内部两侧安装橡胶缓冲垫，保护边框，防止挤手。 （10）.滑轮：主滑轮采用两组滑轮小车和变轨导向部件组合，引导活动绿板滑动至与固定绿板平行的轨道内，运行无噪音； （12）.粉笔槽：长度与书写板长度匹配，可以收集粉尘，防止粉尘垂直落地，也可放置板擦、粉笔等教学用品增加老师教学空间；与下框采用卡扣暗钩式连接，一体化设计效果，连接牢固可靠。 （13）.安全性：各相对运动部件之间预留安全距离，保证使用者安全，不会挤手；黑板固定要考虑到墙体的特殊性，保证黑板安装牢固可靠；符合GB28231-2011《书写板安全卫生要求》。  2.整机尺寸，长度≥4100mm、高度≥1100mm、厚度≤120mm。（提供第三方 检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件）  3.屏幕：（1）.屏幕尺寸：86 英寸。（2）.显示分辨率不低于：3840×2160；（3）.显示比例：16:9；（4）.显示大屏亮度：≥350cd/m²。（5）.可视角度：≥178°。（6）.对比度：≥1200:1。（7）.色彩覆盖率（色域）≥NTSC73%。(屏体要求：A规屏（投标时提供承诺函：承诺产 品交付验收时提供加盖屏体制造厂商公章的屏体制造厂商针对投标产品出具的A规 屏体质量标准证明文件）。提供第三方检测机构出具的具有CMA或CNAS标识的 检验（测）报告扫描件)  4.书写要求：整机设备副屏板支持普通粉笔、液体粉笔、水溶性粉笔直接书写。  5.色彩，整机支持色彩空间可选，包含标准模式、sRGB模式或支持自定义显示 模式等。（提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件）  6.钢化玻璃：（1）.整机采用防眩光、防爆、钢化玻璃。（2）.玻璃面板硬度等级不低于莫氏7级或表面硬度≥8H。(提供第三方检测机构出具的具有CMA或CNAS标识的 检验（测）报告扫描件。)  7.屏幕护眼：通过由中国标准化研究院制定的视觉舒适度（VICO）评价体系测试，并达到视觉舒适度A级或②符合《GB 40070-2021儿童青少年学习用品近视防控卫生要求》中关于教学多媒体产品显示技术要求。(提供第三方检 测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  8.贴合方式：整机液晶面板与防护钢化玻璃零贴合或全贴合设计。(提供第三方检 测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  9.触控技术：采用电容触控技术。(提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  10.触控点数：整机系统和 Windows系统均可支持40点及以上。(提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  11.书写延时：整机系统支持书写延迟≤35ms。(提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  12.整机系统配置：（1）.整机采用四核64位及以上 CPU 处理器。（2）.内存≥2GB。（3）.存储空间≥16GB。（4）.支持在线升级。（5）.触控一体机自带整机操作系统。(提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  13.前置接口：（1）.前置Type-C或HDMI接口≥1个。（2）.USB3.0接口数量≥2个。（提供 真机照片）  14.后置输入接口：（1）.含①USB、②HDMI、③Touch USB、④音频Line in或Line out或Mic in或Mic out、⑤RJ45接口。（提供 真机照片）  15.扬声器：（1）.整机内置2.0声道扬声器。（2）.总功率不低于30W。（提供第三方检测机 构出具的具有CMA或CNAS标识的检验（测）报告扫描件。 ）16.摄像头：（1）.可拍摄≥1300万像素数的照片。（2）.整机支持输出摄像头视场角≥80度，水平视场角≥130度。（提供第三方检测机 构出具的具有CMA或CNAS标识的检验（测）报告扫描件。 ）  17.麦克风：8阵列麦克风，拾音角度≥180°，可用于对教室环境音频进行采集，拾音距离≥8m。（提供第三方检测机构出具的具有CMA或CNAS标识的检验（测 ）报告扫描件。）  18.网卡，内置WiFi无线网卡，在整机系统和操作系统下，可实现Wi-Fi无线上网 连接。（提供官网截图证明文件。）  19.蓝牙，整机或内置电脑模块支持蓝牙Bluetooth 5.0或以上标准。（提供第三 方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。）20.任意信号源通道快捷菜单，任意信号源通道下，都可调出快捷菜单，+菜单 含小工具、快捷设置、亮度/音量调节。（提供第三方检测机构出具的具有CMA或C NAS标识的检验（测）报告扫描件。）  21.小工具：（1）.整机全通道（任意信号源）快捷菜单包含如下小工具：批注、截屏、计时 、缩放，支持用户自主添加不同工具；整机系统或操作系统内置书写白板，支持橡皮擦 、圈选、保存、分享、导出功能。（2）.整机系统或Windows系统内置书写白板，支持橡皮擦、圈选、保存、分享/导出功能。  22.手势/书写识别（触屏），手势或书写识别（触屏），整机具备智能手势识别功能 ，在任意信号源通道下均通过响应手势调用相应功能。  23.应用切换：整机全通道快捷菜单中应用软件可以进行切换，无需在已经开启任意应用软件全屏模式下退出当前应用再选择更换。  24.随机抽选：触控一体机能够使用摄像头获取多种使用场景内的图像，并自动识别所有在图像内的人员，随机地从中选出一个人。  25.人数统计：触控一体机可以通过摄像头拍摄多种使用场景内的图像，自动识别人员并计算图像内人员总数。26.窗口下移：在整机系统下，可通过功能键或手势实现一键降屏（窗口下移）功能，支持点击恢复显示全屏窗口。  27.设备安全管理，整机系统内置自检维护功能，可一键进行自检，针对不同模块给出 问题原因提示。整机系统支持在线升级，升级过程中电源中断，恢复后可断点续传，避 免升级失败。整机系统支持还原出厂设置功能，还原出厂设置后可保留原 IP。  28.投屏：（1）.支持投屏，支持HDMI投屏，或type-C有线投屏，或无线投屏。（2）支持手机NFC无线投屏，通过NFC区域触碰实现手机投屏或支持手机投屏、传输文件。（3）.支持基于物理线缆实现电脑终端有线投屏，同时可以在触控一体机上对电脑终端进行触控操作。（提供官网截图证明文件。）29.标配书写笔两根，壁挂架一套。（提供官网 截图证明文件。） （二）、内置电脑模块（OPS）  1、模块化，内置电脑采用模块化设计。（提供第三方检测机构出具的具有CMA或CNAS 标识的检验（测）报告扫描件。）  2、接口，需具备HDMI OUT，USB接口≥3个。提供真机照片。  3、CPU，≥ i7 12650H▲（提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。）  4、内存，≥ 1 6 G B DDR4。（提供第三方检测机构出具的具有CMA或CNAS标识的检验 （测）报告扫描件。） 5、硬盘，≥512GB SSD。（提供第三方检测机构出具的具有CMA或CNAS标识的检验 （测）报告扫描件。） 6、网络，具备千兆以太网卡。（提供第三方检测机构出具的具有CMA或CNAS标识的检 验（测）报告扫描件。）  （三）1、（整机内置杀毒软件， 支持进行病毒查杀），须完全满足中小学各段各学科教育教学需要。（提供官网截图证明文件。） 2、OPS操作系统，预装Windows11及以上正版操作系统。提供官网截图证明文件。配套资源与工具软件（提供6年免费升级和运维服务）（1）、核心设备须配套管理软件、教学软件、教学资源和工具软件及其平台。包括如下内容：触控一体机自带系统级保护程序，支持多种弹窗拦截方式，支持录播功能，支持远程清理设备磁盘，支持同时查看多个教室的实时摄像头画面、设备屏幕画面，支持管理 权限分配，可设置多个管理人，支持对设备多个指标维度进行监控，提供丰富的教学资 源，提供多种基础学科工具，提供多种学科资源工具，支持对全校多媒体教室的触控一体机设备进行集中运维管理和设备巡视。 （2）、集控管理平台，集控管理平台至少能现实如下功能： ①设备详情：查看校园内所有设备的状态，包括在线、离线状态，开机时长、CPU 使用率、预警设置等，支持按照设备类型、设备名称进行查询筛选；支持按列表展示以及按缩略图展示。 ②远程控制：可远程控制所选择设备桌面，方便用户远程管理。 ③文件分发：支持多文件推送至任意选定的设备，包括文本、图片、pdf、word、exc el、ppt、音视频等。 4.备份还原：支持远程备份还原OPS操作系统。 5.教学管理：支持远程巡课、听课、评课等。  系统集成（提供6年免费质保及运维服务。） 1、设备集中管理网络部署，把项目学校的设备（触控一体机）部署连接到集控管理平台，包括网络设计、综合布线、硬件和软件部署等。 2.集控管理平台部署，触控一体机集控管理平台部署，包括设备安装、调试，软件部 署、配置及测试。 3、软硬件部署安装调试，多媒体教室软硬件系统集成实施部署及安装调试，包括触控一体机、视频展台、音响设备等硬件，配套教学平台、教学软件、教学资源、教学工具 等软件部署、安装、配置及调试、测试，以及综合布线等。 4.设备信息采集及数据录入，按照设备信息采集及数据录入规则把所投标的全部产品 信息采集并数据录入“海南省教育数字化设备资产与运维管理系统”及“预算管理一体化系统”（固定资产管理系统）。通过标签打印机打印固定资产卡片（70\*50mm），并粘贴在设备上。包括：产品名称、保修序列号、生产者、供货商、安装地点等详细信息 ；要求粘贴统一的资产与运维管理二维码。同时也把运维技术员和学校设备管理员的信息录入。在申报验收前，须完成全部产品和技术人员的信息数据录入。采购人将在系统中核查设备信息，并以此作为验收通过的必要条件。 5、资源平台服务，设备配套的教学资源、教学工具及教学软件须有汇聚的系统平台， 并提供运维服务。提供海南省中小学各学段各学科教材的教学资源、教学工具软件其系统平台为所有项目学校教师和学生开展教育教学使用，做好资源平台配置、师生信息录 入、数据安全等本地服务和云服务。 6、云空间及服务，为项目学校免费提供教学资源云空间及服务，每位教师的云空间容量≥2G，做好资源云空间配置、教师信息录入、数据安全等本地服务和云服务。 7、资源建设服务，资源建设服务：指导项目学校充分利用多媒体教室开展教学活动，支持项目校录播课堂教学视频，平均每所学校不少于5个课时。 8、教师培训，组织项目学校教师开展数字技术应用能力提升培训（涉及多媒体教室应用相关），平均每所学校不少于3个课时。9、旧设备处置，（1）中标人免费负责将项目学校原有旧机及相关设备设施拆除并搬运到指定位置，并通过学校签收、盖章确认；（2）拆除作业应符合GB2894安全标准，确保施工安全；（3）拆除搬运过程造成设施损坏或安全事故，均由中标人负责并赔偿损失。（四）、应用软件及适配：1.应用软件（正版）：含流式软件、版式软件，以及杀毒软件（整机内置杀毒软件，支持进行病毒查杀）。2.适配要求：要求能够适配教育系统正在使用的主流教育教学wps正版软件等。 | 台 |  | 1 |  | | 2 | 壁挂视频展台 | 硬件部分： 1.壁挂式安装，防盗防破坏。 2.无锐角无利边设计，有效防止师生碰伤、划伤。 3.托板尺寸≥A4面积，收起时小巧不占空间，高效利用挂墙面积。 4.采用USB高速接口，单根USB线实现供电、高清数据传输需求。 5.采用不少于800W像素自动对焦摄像头，可拍摄A4画幅。 6.展台按键采用触摸按键，可实现一键启动展台画面、画面放大、画面缩小、画面旋转、拍照截图等功能，同时也支持在一体机或电脑上进行同样的操作。 7.整机自带均光罩LED补光灯，光线不足时可进行亮度补充，亮度均匀。 8.外壳在摄像头部分带保护镜片密封，防止灰尘沾染摄像头，防护等级达到IP4X级别。 展台软件： 1.支持对展台实时画面进行放大、缩小、旋转、自适应、冻结画面等操作。 2.支持展台画面实时批注，预设多种笔划粗细及颜色供选择，且支持对展台画面联同批注内容进行同步缩放、移动。 3.支持展台画面拍照截图并进行多图预览，可对任一图片进行全屏显示。 4.老师可在一体机或电脑上选择延时拍照功能，支持5秒或10秒延时模式，预留充足时间以便调整拍摄内容。 5.可选择图像、文本或动态三种情景模式，适应不同展示内容。 6.具备图像增强功能，可自动裁剪背景并增强文字显示，使文档画面更清晰。 7.支持故障自动检测，在软件无法出现展台拍摄画面时，自动出现检测链接，帮助用户检测“无画面”的原因，并给出引导性解决方案。 8.支持二维码扫码功能：打开扫一扫功能后，将书本上的二维码放入扫描框内即可自动扫描，并进入系统浏览器获取二维码的链接内容，帮助老师快速获取电子教学资源。 | 台 |  | 1 |  | | 3 | 壁挂音箱 | 1.采用功放与有源音箱一体化设计，内置麦克风无线接收模块，帮助教师实现多媒体扩音以及本地扩声功能。 2.双音箱有线连接，机箱采用塑胶材质，保护设备免受环境影响。 3.输出额定功率:额定功率≥20W 4.端口：220V电源接口\*1、Line in\*1、USB\*1。 5.麦克风和功放音箱之间采用数字U段传输技术，有效避免环境中2.4G信号干扰，例如蓝牙及WIFI设备。 6.配置独立音频数字信号处理芯片，支持啸叫抑制功能。1.无线麦克风集音频发射处理器、天线、电池、拾音麦克风于一体，配合一体化有源音箱，无需任何外接辅助设备即可实现本地扩声功能。 7.麦克风和功放音箱之间采用数字U段传输技术，有效避免环境中2.4G信号干扰，例如蓝牙及WIFI设备。 8.支持智能红外对码及UHF对码，可在2s内快速完成与教学扩声音箱对码，无需繁琐操作。可与移动音箱或录播主机对码连接。 9.配手持、领夹式麦克风至少各1副，麦克风距离音箱最大有效工作距离≥2米，保证全教室覆盖 | 套 |  | 1 |  | | 02003 | 打孔夹板 | 符合《初中化学实验室装备标准》 | 个 |  | 2 |  | | 02004 | 打孔器刮刀 | 符合《初中化学实验室装备标准》 | 个 |  | 1 |  | | 02005 | 手摇钻孔器 | 符合 JY1-2003 | 台 |  | 2 |  | | 02006 | 电动钻孔器 | 符合 JB 6827 | 台 |  | 1 |  | | 02071 | 离心沉淀器 | 手摇式 | 台 |  | 1 |  | | 02081 | 蒸馏水器 | 符合 GB 4706.1-2005《家用和类似用途电器的安全 通用要求》，电源部分绝缘电阻≥10MΩ，耐压测试（3000V 交流电）无击穿，避免漏电风险,实验室单次用水量通常较小（如 500mL-2L），蒸馏水器的产水速率需匹配教学节奏，一般为 0.5L/h-2L/h。小型台式：适合小组实验（3-4 人一组），产水量 0.5-1L/h，水箱容量 1-2L；以单蒸为主（一次蒸馏），结构简单、易操作，适合教学演示 “蒸馏提纯” 原理； | 台 |  | 1 |  | | 02084 | 烘干箱 | ≥80L | 台 |  | 1 |  | | 02122 | 试剂瓶托盘 | 符合《初中化学实验室装备标准》 | 个 |  | 1 |  | | 02124 | 塑料水槽 | 250mm×180mm×100mm | 个 |  | 20 |  | | 02125 | 碘升华凝华管 | 密封式 | 个 |  | 2 |  | | 03005 | 万能夹 | 符合《初中化学实验室装备标准》 | 个 |  | 10 |  | | 03006 | 三脚架 | 符合《初中化学实验室装备标准》 | 个 |  | 50 |  | | 03007 | 泥三角 | 符合《初中化学实验室装备标准》 | 个 |  | 50 |  | | 03009 | 漏斗架 | 符合Q\_YZD 0076-2019 | 个 |  | 10 |  | | 11003 | 托盘天平 | 100g，0.1g | 台 |  | 1 |  | | 11005 | 托盘天平 | 500g，0.5g | 台 |  | 1 |  | | 13001 | 温度计 | 红液，0℃～100℃ | 支 |  | 30 |  | | 26001 | 水电解演示器 | 30ml，铂电极 | 台 |  | 2 |  | | 26008 | 初中微型化学实验箱 | 符合《初中化学实验室装备标准》 | 个 |  | 1 |  | | 26010 | 深液导电演示器 | 符合《初中化学实验室装备标准》 | 台 |  | 2 |  | | 26015 | 化学实验装置磁性教具 | 符合《初中化学实验室装备标准》 | 套 |  | 1 |  | | 32008 | 碳的同素异形体结构模型 | 包括金刚石、石墨、碳-60三种结构模型；小型，球管式，可拆卸 | 套 |  | 1 |  | | 42001 | 金属矿物、金属及合金标本 | 各类不少于5种 | 盒 |  | 1 |  | | 42003 | 合成有机高分子材料标本 | 不少于10种 | 盒 |  | 1 |  | | 42004 | 新型无机非金属材料标本 | 氧化铝陶瓷、氮化硅陶瓷、光导纤维等 | 盒 |  | 1 |  | | 52001 | 走进化学实验室 | 正版图书 | 套 |  | 1 |  | | 52002 | 身边的化学物质 | 正版图书 | 套 |  | 1 |  | | 52003 | 物质结构的奥秘 | 正版图书 | 套 |  | 1 |  | | 52041 | 元素周期表 | 有外围电子层排布，带轴 | 套 |  | 1 |  | | 61 | 量筒 | 10ml | 个 |  | 50 |  | | 62 | 量筒 | 50ml | 个 |  | 50 |  | | 63 | 量筒 | 100ml | 个 |  | 50 |  | | 60023 | 容量瓶 | 250ml | 个 |  | 50 |  | | 60041 | 滴定管 | 酸式，25ml | 支 |  | 10 |  | | 60043 | 滴定管 | 碱式，25ml | 支 |  | 10 |  | | 61001 | 试管 | φ12mm×70mm | 支 |  | 50 |  | | 61002 | 试管 | φ15mm×150mm | 支 |  | 100 |  | | 61003 | 试管 | φ18mm×180mm | 支 |  | 100 |  | | 61005 | 试管 | φ20mm×200mm | 支 |  | 50 |  | | 61021 | 烧杯 | 50ml | 个 |  | 50 |  | | 61022 | 烧杯 | 100ml | 个 |  | 50 |  | | 61023 | 烧杯 | 250ml | 个 |  | 50 |  | | 61041 | 锥形瓶 | 100ml | 个 |  | 50 |  | | 61042 | 锥形瓶 | 250ml | 个 |  | 50 |  | | 62001 | 酒精灯 | 150ml | 个 |  | 50 |  | | 62035 | 分液漏斗 | 锥形，100ml | 个 |  | 50 |  | | 62071 | T形管 | 符合 JY/T 0423-2011 | 个 |  | 10 |  | | 62072 | Y形管 | 符合 JY/T 0423-2011 | 个 |  | 10 |  | | 62073 | 滴管 | 符合 JY/T 0433-2011 | 支 |  | 50 |  | | 62092 | 圆水槽 | φ270mm×140mm | 个 |  | 10 |  | | 63003 | 集气瓶 | 250ml | 个 |  | 100 |  | | 63041 | 滴瓶 | 30ml | 个 |  | 50 |  | | 63042 | 滴瓶 | 60ml | 个 |  | 50 |  | | 64001 | 坩埚 | 瓷，30ml | 个 |  | 50 |  | | 64002 | 坩埚钳 | 200mm | 个 |  | 50 |  | | 64003 | 烧杯夹 | 符合《初中化学实验室装备标准》 | 个 |  | 10 |  | | 64005 | 镊子 | 符合《初中化学实验室装备标准》 | 个 |  | 10 |  | | 64006 | 试管夹 | 符合《初中化学实验室装备标准》 | 个 |  | 50 |  | | 64032 | 石棉网 | 符合《初中化学实验室装备标准》 | 个 |  | 100 |  | | 64041 | 燃烧匙 | 符合《初中化学实验室装备标准》 | 个 |  | 50 |  | | 64042 | 药匙 | 符合《初中化学实验室装备标准》 | 个 |  | 50 |  | | 64051 | 玻璃管 | φ5mm～φ6mm | 千克 |  | 2 |  | | 64052 | 玻璃管 | φ7mm～φ8mm | 千克 |  | 2 |  | | 64053 | 玻璃棒 | φ3mm～φ4mm | 千克 |  | 10 |  | | 64062 | 橡胶管 | 符合《初中化学实验室装备标准 | 千克 |  | 10 |  | | 64063 | 乳胶管 | 符合《初中化学实验室装备标准》 | 米 |  | 10 |  | | 64071 | 试管刷 | 符合《初中化学实验室装备标准》 | 个 |  | 30 |  | | 64072 | 烧瓶刷 | 符合《初中化学实验室装备标准》 | 个 |  | 10 |  | | 64080 | 结晶皿 | 80mm | 个 |  | 10 |  | | 64081 | 表面皿 | 60mm | 个 |  | 10 |  | | 64087 | 研钵 | 瓷，90mm | 个 |  | 10 |  | | 64089 | 蒸发皿 | 瓷，100mm | 个 |  | 10 |  | | 64091 | 反应板 | 至少6穴 | 个 |  | 10 |  | | 74 | 锌(粒) | 工业，1克 | 瓶 |  | 3 |  | | 75 | 还原铁粉 | 试剂，50克 | 瓶 |  | 2 |  | | 76 | 铁丝 | 250克 | 瓶 |  | 2 |  | | 70011 | 铜丝 | 100克 | 瓶 |  | 2 |  | | 70021 | 碘 | 试剂，50克 | 瓶 |  | 1 |  | | 70022 | 活性炭 | 500克 | 瓶 |  | 5 |  | | 70032 | 二氧化锰 | 试剂，250克 | 瓶 |  | 5 |  | | 70033 | 三氧化二铁 | 试剂，250克 | 瓶 |  | 2 |  | | 70034 | 氧化铜 | 工业，500克 | 瓶 |  | 3 |  | | 70041 | 氯化钾 | 试剂，250克 | 瓶 |  | 2 |  | | 70042 | 氯化钠 | 试剂，500克 | 瓶 |  | 1 |  | | 70044 | 氯化钙 | 试剂，250克 | 瓶 |  | 1 |  | | 70045 | 无水氯化钙 | 工业，100克 | 瓶 |  | 1 |  | | 70046 | 氯化镁 | 试剂，250克 | 瓶 |  | 1 |  | | 70047 | 三氯化铁 | 试剂，250克 | 瓶 |  |  |  | | 70049 | 氯化铵 | 工业，500克 | 瓶 |  | 2 |  | | 70065 | 碘化钾 | 试剂，500克 | 瓶 |  | 1 |  | | 70070 | 硫酸钾 | 试剂，250克 | 瓶 |  | 1 |  | | 70083 | 硫酸铝 | 试剂，250克 | 瓶 |  | 1 |  | | 70086 | 硫酸铜(蓝矾、胆矾) | 工业，1克 | 瓶 |  | 2 |  | | 70087 | 硫酸铵 | 工业，250克 | 瓶 |  | 2 |  | | 70088 | 硫酸铝钾(明矾) | 工业，1克 | 瓶 |  | 3 |  | | 70091 | 无水硫酸铜 | 试剂，100克 | 瓶 |  | 2 |  | | 71001 | 碳酸钾 | 试剂，100克 | 瓶 |  | 1 |  | | 71002 | 碳酸钠 | 工业，1克 | 瓶 |  | 2 |  | | 71003 | 碳酸氢钠 | 工业，500克 | 瓶 |  | 2 |  | | 71004 | 大理石 | 2克 | 瓶 |  | 5 |  | | 71005 | 碳酸氢铵 | 工业，500克 | 瓶 |  | 2 |  | | 71006 | 碱式碳酸铜 | 试剂，500克 | 瓶 |  | 2 |  | | 71020 | 硝酸银 | 试剂，25克 | 瓶 |  | 2 |  | | 71041 | 氢氧化钡 | 试剂，50克 | 瓶 |  | 2 |  | | 71042 | 氨水 | 试剂，500克 | 瓶 |  | 2 |  | | 71043 | 氧化钙(生石灰) | 500克 | 瓶 |  | 2 |  | | 71044 | 氢氧化钙(熟石灰) | 500克 | 瓶 |  | 2 |  | | 71045 | 碱石灰 | 250克 | 瓶 |  | 2 |  | | 72001 | 无水乙酸钠 | 试剂，100克 | 瓶 |  | 1 |  | | 72021 | 葡萄糖 | 250克 | 瓶 |  | 1 |  | | 72022 | 蔗糖 | 250克 | 瓶 |  | 1 |  | | 72051 | 石蕊 | 指示剂，10克 | 瓶 |  | 2 |  | | 72052 | 酚酞 | 指示剂，5克 | 瓶 |  | 2 |  | | 72054 | 品红 | 染料，5克 | 瓶 |  | 2 |  | | 72061 | pH广范围试纸 | 1～14 | 本 |  | 50 |  | | 72062 | 蓝石蕊试纸 | 符合《初中化学实验室装备标准》 | 本 |  | 10 |  | | 74001 | 红(赤)磷 | 50克 | 瓶 |  | 2 |  | | 74011 | 硫粉 | 工业，25克 | 瓶 |  | 2 |  | | 74012 | 镁条 | 10克 | 瓶 |  | 3 |  | | 74060 | 黄(白)磷 | 5克 | 瓶 |  | 2 |  | | 75001 | 过氧化氢 | 试剂，30%，1500毫升 | 瓶 |  | 5 |  | | 75002 | 氯酸钾 | 工业，500克 | 瓶 |  | 5 |  | | 75003 | 高锰酸钾 | 试剂，500克 | 瓶 |  | 5 |  | | 75004 | 硝酸铵 | 试剂，250克 | 瓶 |  | 2 |  | | 75005 | 硝酸钾 | 试剂，1500克 | 瓶 |  | 2 |  | | 75006 | 硝酸钠 | 试剂，1500克 | 瓶 |  | 1 |  | | 75017 | 硝酸钡 | 25克 | 瓶 |  | 1 |  | | 76002 | 氯化钡 | 试剂，250克 | 瓶 |  | 2 |  | | 77001 | 硝酸 | 试剂，500毫升 | 瓶 |  | 1 |  | | 77003 | 硫酸 | 试剂，500毫升 | 瓶 |  | 1 |  | | 77004 | 硫酸 | 工业，2毫升 | 瓶 |  | 1 |  | | 77011 | 盐酸 | 试剂，1500毫升 | 瓶 |  | 2 |  | | 77012 | 盐酸 | 工业，3毫升 | 瓶 |  | 1 |  | | 77031 | 氢氧化钾 | 试剂，100克 | 瓶 |  | 1 |  | | 77032 | 氢氧化钠 | 试剂，100克 | 瓶 |  | 1 |  | | 82010 | 简易急救箱 |  | 件 |  | 1 |  | | 82012 | 易燃品储存柜 | 防火、防盗、防腐蚀 | 个 |  | 1 |  | | 82013 | 毒害品储存柜 | 防火、防盗、防腐蚀 | 个 |  | 1 |  | | 72025 | 酒精 | 95%，30千克 | 瓶 |  | 3 |  | | 02075 | 酒精喷灯 | 座式，铜制 | 个 |  | 2 |  | | 32004 | 金刚石结构模型 | 球直径不小于30mm | 套 |  | 1 |  | | 32005 | 石墨结构模型 | 球直径不小于30mm | 套 |  | 1 |  | | 32006 | 碳-60结构模型 | 球直径不小于30mm | 套 |  | 1 |  | | 32007 | 氯化钠晶体结构模型 | 球直径不小于30mm | 套 |  | 1 |  | | 63002 | 集气瓶 | 125mL，附毛玻璃片 | 个 |  | 50 |  | | 71 | 铝(片) | 100克 | 瓶 |  | 1 |  | | 82004 | 防护面罩 | 可提供颈部和头部保护 | 个 |  | 2 |  | | 82005 | 防毒口罩 | 有活性炭 | 个 |  | 2 |  | | 02121 | 塑料洗瓶 | 250mL或500mL | 个 |  | 5 |  | | 03008 | 试管架 | 12孔，12柱，与φ15mm×150mm试管匹配 | 个 |  | 10 |  | | 合计（元） | | | | | |  | | **红林学校初中化学** | | | | | | | | **编号** | **名称** | **规格** | **单位** |  | **购置数量** |  | | | 02006 | 电动钻孔器 | 符合 JB 6827 | 台 |  | 1 |  | | 02077 | 电加热器 | 密封式 | 个 |  | 1 |  | | 02081 | 蒸馏水器 | 符合 GB 4706.1-2005《家用和类似用途电器的安全 通用要求》，电源部分绝缘电阻≥10MΩ，耐压测试（3000V 交流电）无击穿，避免漏电风险,实验室单次用水量通常较小（如 500mL-2L），蒸馏水器的产水速率需匹配教学节奏，一般为 0.5L/h-2L/h。小型台式：适合小组实验（3-4 人一组），产水量 0.5-1L/h，水箱容量 1-2L；以单蒸为主（一次蒸馏），结构简单、易操作，适合教学演示 “蒸馏提纯” 原理； | 台 |  | 1 |  | | 02084 | 烘干箱 | ≥80L | 台 |  | 1 |  | | 04001 | 学生电源 | 直流：1.5V～9V，1.5A，每1.5V一档 | 台 |  | 30 |  | | 11005 | 托盘天平 | 500g，0.5g | 台 |  | 30 |  | | 26009 | 分子间隔实验器 | 符合《初中化学实验室装备标准》 | 件 |  | 30 |  | | 26015 | 化学实验装置磁性教具 | 符合《初中化学实验室装备标准》 | 套 |  | 2 |  | | 32008 | 碳的同素异形体结构模型 | 包括金刚石、石墨、碳-60三种结构模型；小型，球管式，可拆卸 | 套 |  | 5 |  | | 52001 | 走进化学实验室 | 正版图书 | 套 |  | 2 |  | | 52002 | 身边的化学物质 | 正版图书 | 套 |  | 2 |  | | 52003 | 物质结构的奥秘 | 正版图书 | 套 |  | 2 |  | | 52041 | 元素周期表 | 有外围电子层排布，带轴 | 套 |  | 2 |  | | 52401 | 初中化学实验教学指导书 | 正版图书 | 套 |  | 1 |  | | 52402 | 初中化学实验仪器手册 | 正版图书 | 套 |  | 1 |  | | 61001 | 试管 | φ12mm×70mm | 支 |  | 100 |  | | 61002 | 试管 | φ15mm×150mm | 支 |  | 100 |  | | 61003 | 试管 | φ18mm×180mm | 支 |  | 100 |  | | 61005 | 试管 | φ20mm×200mm | 支 |  | 100 |  | | 61008 | 具支试管 | φ20mm×200mm | 支 |  | 100 |  | | 61009 | 硬质玻璃管 | φ15mm×150mm | 支 |  | 100 |  | | 61010 | 硬质玻璃管 | φ20mm×250mm | 支 |  | 100 |  | | 62079 | 活塞 | 直形 | 支 |  | 30 |  | | 62093 | 玻璃钟罩 | φ150mm×280mm | 个 |  | 5 |  | | 63005 | 液封除毒气集气瓶 | 250ml | 个 |  | 10 |  | | 64053 | 玻璃棒 | φ3mm～φ4mm | 千克 |  | 50 |  | | 64054 | 玻璃棒 | φ5mm～φ6mm | 千克 |  | 50 |  | | 64061 | 软胶塞 | 符合《初中化学实验室装备标准》 | 千克 |  | 80 |  | | 64062 | 橡胶管 | 符合《初中化学实验室装备标准》 | 千克 |  | 2 |  | | 64063 | 乳胶管 | 符合《初中化学实验室装备标准》 | 米 |  | 5 |  | | 72 | 铝箔 | 50克 | 瓶 |  | 5 |  | | 73 | 铝丝 | 100克 | 瓶 |  | 5 |  | | 74 | 锌(粒) | 工业，1克 | 瓶 |  | 10 |  | | 76 | 铁丝 | 250克 | 瓶 |  | 10 |  | | 70010 | 铜(紫铜片) | 250克 | 瓶 |  | 10 |  | | 70022 | 活性炭 | 500克 | 瓶 |  | 10 |  | | 70032 | 二氧化锰 | 试剂，250克 | 瓶 |  | 5 |  | | 70033 | 三氧化二铁 | 试剂，250克 | 瓶 |  | 2 |  | | 70034 | 氧化铜 | 工业，500克 | 瓶 |  | 3 |  | | 70088 | 硫酸铝钾(明矾) | 工业，1克 | 瓶 |  | 1 |  | | 70091 | 无水硫酸铜 | 试剂，100克 | 瓶 |  | 1 |  | | 71002 | 碳酸钠 | 工业，1克 | 瓶 |  | 10 |  | | 71003 | 碳酸氢钠 | 工业，500克 | 瓶 |  | 5 |  | | 71004 | 大理石 | 2克 | 瓶 |  | 5 |  | | 71005 | 碳酸氢铵 | 工业，500克 | 瓶 |  | 10 |  | | 71006 | 碱式碳酸铜 | 试剂，500克 | 瓶 |  | 5 |  | | 71042 | 氨水 | 试剂，500克 | 瓶 |  | 5 |  | | 71043 | 氧化钙(生石灰) | 500克 | 瓶 |  | 5 |  | | 71044 | 氢氧化钙(熟石灰) | 500克 | 瓶 |  | 5 |  | | 71045 | 碱石灰 | 250克 | 瓶 |  | 5 |  | | 72021 | 葡萄糖 | 250克 | 瓶 |  | 10 |  | | 72022 | 蔗糖 | 250克 | 瓶 |  | 10 |  | | 72051 | 石蕊 | 指示剂，10克 | 瓶 |  | 5 |  | | 72052 | 酚酞 | 指示剂，5克 | 瓶 |  | 10 |  | | 72061 | pH广范围试纸 | 1～14 | 本 |  | 100 |  | | 74001 | 红(赤)磷 | 50克 | 瓶 |  | 10 |  | | 74012 | 镁条 | 10克 | 瓶 |  | 10 |  | | 75001 | 过氧化氢 | 试剂，30%，1500毫升 | 瓶 |  | 20 |  | | 75002 | 氯酸钾 | 工业，500克 | 瓶 |  | 5 |  | | 75003 | 高锰酸钾 | 试剂，500克 | 瓶 |  | 10 |  | | 75005 | 硝酸钾 | 试剂，1500克 | 瓶 |  | 10 |  | | 77012 | 盐酸 | 工业，3毫升 | 瓶 |  | 5 |  | | 77031 | 氢氧化钾 | 试剂，100克 | 瓶 |  | 3 |  | | 77032 | 氢氧化钠 | 试剂，100克 | 瓶 |  | 3 |  | | 77033 | 氢氧化钠 | 工业，2克 | 瓶 |  | 3 |  | | 80201 | 初中化学实验材料 | 黄铜片、火柴、蜡烛、剪刀、焊锡、炭棒、导线、电灯泡、木板、电池、电珠、砂纸等 | 套 |  | 30 |  | | 81052 | 玻璃管切割器 | 符合《初中化学实验室装备标准》 | 个 |  | 3 |  | | 82001 | 工作服 | 防酸碱 | 件 |  | 5 |  | | 82003 | 护目镜 | 侧面完全遮挡，用于防强光、眩光、紫外、激光，或是机械性伤害。 | 个 |  | 5 |  | | 82007 | 耐酸手套 | 符合 AQ 6102-2007 | 双 |  | 10 |  | | 82009 | 洗眼器 | 符合《初中化学实验室装备标准》 | 套 |  | 10 |  | | 82010 | 简易急救箱 | 符合《初中化学实验室装备标准》 | 件 |  | 2 |  | | 82011 | 实验防护屏 | 符合《初中化学实验室装备标准》 | 件 |  | 2 |  | | 83201 | 木炭、植物油、面粉、味精、食醋、洗洁精、铁钉、棉花、牛奶、鸡蛋等 | 符合《初中化学实验室装备标准》 | 克 |  | 20 |  | | 61007 | 试管 | φ32mm×200mm | 支 |  | 100 |  | | 72025 | 酒精 | 95%，30千克 | 瓶 |  | 11 |  | | 02123 | 实验用品提篮 | 可固定试管、试剂瓶等仪器，底部有抽屉 | 个 |  | 2 |  | | 26011 | 微型溶液导电实验器 | 金属电极，笔式，所需溶液不超过3mL | 套 |  | 2 |  | | 32004 | 金刚石结构模型 | 球直径不小于30mm | 套 |  | 2 |  | | 32005 | 石墨结构模型 | 球直径不小于30mm | 套 |  | 2 |  | | 32006 | 碳-60结构模型 | 球直径不小于30mm | 套 |  | 2 |  | | 32007 | 氯化钠晶体结构模型 | 球直径不小于30mm | 套 |  | 2 |  | | 82004 | 防护面罩 | 可提供颈部和头部保护 | 个 |  | 5 |  | | 82005 | 防毒口罩 | 有活性炭 | 个 |  | 10 |  | | 合计（元） | | | | | |  | | **霸王岭学校初中化学** | | | | | | | | **编号** | **名称** | **规格** | **单位** |  | **购置数量** |  | | | 2002 | 打孔器 | 四件 | 套 |  | 1 |  | | 2003 | 打孔夹板 | 符合《初中化学实验室装备标准》 | 个 |  | 1 |  | | 4001 | 学生电源 | 直流：1.5V～9V，1.5A，每1.5V一档 | 台 |  | 10 |  | | 42001 | 金属矿物、金属及合金标本 | 各类不少于5种 | 盒 |  | 5 |  | | 42002 | 原油常见馏分标本 | 不少于8种 | 盒 |  | 5 |  | | 42003 | 合成有机高分子材料标本 | 不少于10种 | 盒 |  | 5 |  | | 42004 | 新型无机非金属材料标本 | 氧化铝陶瓷、氮化硅陶瓷、光导纤维等 | 盒 |  | 5 |  | | 52401 | 初中化学实验教学指导书 | 正版图书 | 套 |  | 1 |  | | 52402 | 初中化学实验仪器手册 | 正版图书 | 套 |  | 1 |  | | 61005 | 试管 | φ20mm×200mm | 支 |  | 10 |  | | 61008 | 具支试管 | φ20mm×200mm | 支 |  | 10 |  | | 62035 | 分液漏斗 | 锥形，100ml | 个 |  | 10 |  | | 62036 | 分液漏斗 | 梨形，50ml | 个 |  | 10 |  | | 62071 | T形管 | 符合 JY/T 0423-2011 | 个 |  | 50 |  | | 64005 | 镊子 | 符合《初中化学实验室装备标准》 | 个 |  | 20 |  | | 64006 | 试管夹 | 符合《初中化学实验室装备标准》 | 个 |  | 10 |  | | 64007 | 止水皮管夹 | 符合《初中化学实验室装备标准》 | 个 |  | 20 |  | | 71043 | 氧化钙(生石灰) | 500克 | 瓶 |  | 5 |  | | 71044 | 氢氧化钙(熟石灰) | 500克 | 瓶 |  | 5 |  | | 72051 | 石蕊 | 指示剂，10克 | 瓶 |  | 5 |  | | 72052 | 酚酞 | 指示剂，5克 | 瓶 |  | 5 |  | | 72054 | 品红 | 染料，5克 | 瓶 |  | 5 |  | | 72061 | pH广范围试纸 | 1～14 | 本 |  | 20 |  | | 72062 | 蓝石蕊试纸 | 符合《初中化学实验室装备标准》 | 本 |  | 20 |  | | 72063 | 红石蕊试纸 | 符合《初中化学实验室装备标准》 | 本 |  | 20 |  | | 72091 | 定性滤纸 | 符合GB/T 1914-2017 | 盒 |  | 20 |  | | 74011 | 硫粉 | 工业，25克 | 瓶 |  | 4 |  | | 74012 | 镁条 | 10克 | 瓶 |  | 2 |  | | 75001 | 过氧化氢 | 试剂，30%，1500毫升 | 瓶 |  | 2 |  | | 75002 | 氯酸钾 | 工业，500克 | 瓶 |  | 2 |  | | 75003 | 高锰酸钾 | 试剂，500克 | 瓶 |  | 2 |  | | 75004 | 硝酸铵 | 试剂，250克 | 瓶 |  | 2 |  | | 75005 | 硝酸钾 | 试剂，1500克 | 瓶 |  | 2 |  | | 75017 | 硝酸钡 | 25克 | 瓶 |  | 2 |  | | 76002 | 氯化钡 | 试剂，250克 | 瓶 |  | 2 |  | | 77031 | 氢氧化钾 | 试剂，100克 | 瓶 |  | 2 |  | | 77032 | 氢氧化钠 | 试剂，100克 | 瓶 |  | 2 |  | | 80201 | 初中化学实验材料 | 黄铜片、火柴、蜡烛、剪刀、焊锡、炭棒、导线、电灯泡、木板、电池、电珠、砂纸等 | 套 |  | 1 |  | | 81015 | 手锤 | 符合《初中化学实验室装备标准》 | 个 |  | 1 |  | | 81017 | 锉刀 | 符合GB/T 5806-2003 | 个 |  | 1 |  | | 81032 | 剪刀 | 符合《初中化学实验室装备标准》 | 把 |  | 1 |  | | 82001 | 工作服 | 防酸碱 | 件 |  | 1 |  | | 82007 | 耐酸手套 | 符合 AQ 6102-2007 | 双 |  | 1 |  | | 82012 | 易燃品储存柜 | 防火、防盗、防腐蚀 | 个 |  | 1 |  | | 82013 | 毒害品储存柜 | 防火、防盗、防腐蚀 | 个 |  | 1 |  | | 合计（元） | | | | | |  |   **峨港学校初中化学** | | | | | | | | |
| **编号** | | **名称** | **规格** | **单位** |  | **选购数量** |  | |
|
| 02005 | | 手摇钻孔器 | 符合 JY1-2003 | 台 |  | 1 |  | |
| 02006 | | 电动钻孔器 | 符合 JB 6827 | 台 |  | 1 |  | |
| 02081 | | 蒸馏水器 | 符合 GB 4706.1-2005《家用和类似用途电器的安全 通用要求》，电源部分绝缘电阻≥10MΩ，耐压测试（3000V 交流电）无击穿，避免漏电风险,实验室单次用水量通常较小（如 500mL-2L），蒸馏水器的产水速率需匹配教学节奏，一般为 0.5L/h-2L/h。小型台式：适合小组实验（3-4 人一组），产水量 0.5-1L/h，水箱容量 1-2L；以单蒸为主（一次蒸馏），结构简单、易操作，适合教学演示 “蒸馏提纯” 原理； | 台 |  | 1 |  | |
| 02102 | | 注射器 | 10ml，塑料 | 支 |  | 20 |  | |
| 03002 | | 方座支架 | 符合JY167-84 | 套 |  | 10 |  | |
| 03005 | | 万能夹 | 符合《初中化学实验室装备标准》 | 个 |  | 10 |  | |
| 04001 | | 学生电源 | 直流：1.5V～9V，1.5A，每1.5V一档 | 台 |  | 6 |  | |
| 04005 | | 教学电源 | 交流：2V～12V，5A，每2V一档；直流：1.5V～12V，2A，分为1.5V、3V、4.5V、6V、9V、12V共6档 | 台 |  | 1 |  | |
| 11003 | | 托盘天平 | 100g，0.1g | 台 |  | 6 |  | |
| 13001 | | 温度计 | 红液，0℃～100℃ | 支 |  | 10 |  | |
| 13003 | | 温度计 | 水银，0℃～200℃ | 支 |  | 10 |  | |
| 26001 | | 水电解演示器 | 30ml，铂电极 | 台 |  | 1 |  | |
| 26002 | | 水电解实验器 | 符合《初中化学实验室装备标准》 | 台 |  | 1 |  | |
| 26003 | | 原电池实验器 | 符合《初中化学实验室装备标准》 | 个 |  | 1 |  | |
| 26008 | | 初中微型化学实验箱 | 符合《初中化学实验室装备标准》 | 个 |  | 1 |  | |
| 26009 | | 分子间隔实验器 | 符合《初中化学实验室装备标准》 | 件 |  | 6 |  | |
| 26018 | | 元素学习卡 | 学习元素名称、符号用 | 套 |  | 6 |  | |
| 32008 | | 碳的同素异形体结构模型 | 包括金刚石、石墨、碳-60三种结构模型；小型，球管式，可拆卸 | 套 |  | 2 |  | |
| 52001 | | 走进化学实验室 | 正版图书 | 套 |  | 1 |  | |
| 52002 | | 身边的化学物质 | 正版图书 | 套 |  | 1 |  | |
| 52003 | | 物质结构的奥秘 | 正版图书 | 套 |  | 1 |  | |
| 52041 | | 元素周期表 | 有外围电子层排布，带轴 | 套 |  | 2 |  | |
| 52401 | | 初中化学实验教学指导书 | 正版图书 | 套 |  | 2 |  | |
| 52402 | | 初中化学实验仪器手册 | 正版图书 | 套 |  | 2 |  | |
| 62 | | 量筒 | 50ml | 个 |  | 10 |  | |
| 63 | | 量筒 | 100ml | 个 |  | 10 |  | |
| 64 | | 量筒 | 500ml | 个 |  | 5 |  | |
| 61003 | | 试管 | φ18mm×180mm | 支 |  | 10 |  | |
| 61005 | | 试管 | φ20mm×200mm | 支 |  | 10 |  | |
| 61008 | | 具支试管 | φ20mm×200mm | 支 |  | 10 |  | |
| 61009 | | 硬质玻璃管 | φ15mm×150mm | 支 |  | 10 |  | |
| 61041 | | 锥形瓶 | 100ml | 个 |  | 10 |  | |
| 61042 | | 锥形瓶 | 250ml | 个 |  | 10 |  | |
| 62073 | | 滴管 | 符合 JY/T 0433-2011 | 支 |  | 16 |  | |
| 63041 | | 滴瓶 | 30ml | 个 |  | 6 |  | |
| 63042 | | 滴瓶 | 60ml | 个 |  | 6 |  | |
| 64006 | | 试管夹 | 符合《初中化学实验室装备标准》 | 个 |  | 10 |  | |
| 64007 | | 止水皮管夹 | 符合《初中化学实验室装备标准》 | 个 |  | 10 |  | |
| 64041 | | 燃烧匙 | 符合《初中化学实验室装备标准》 | 个 |  | 10 |  | |
| 64042 | | 药匙 | 符合《初中化学实验室装备标准》 | 个 |  | 10 |  | |
| 64061 | | 软胶塞 | 符合《初中化学实验室装备标准》 | 千克 |  | 5 |  | |
| 64062 | | 橡胶管 | 符合《初中化学实验室装备标准》 | 千克 |  | 5 |  | |
| 64063 | | 乳胶管 | 符合《初中化学实验室装备标准》 | 米 |  | 10 |  | |
| 64094 | | 塑料多用滴管 | 4ml | 支 |  | 10 |  | |
| 72 | | 铝箔 | 50克 | 瓶 |  | 2 |  | |
| 73 | | 铝丝 | 100克 | 瓶 |  | 2 |  | |
| 74 | | 锌(粒) | 工业，1克 | 瓶 |  | 1 |  | |
| 76 | | 铁丝 | 250克 | 瓶 |  | 1 |  | |
| 70010 | | 铜(紫铜片) | 250克 | 瓶 |  | 1 |  | |
| 70011 | | 铜丝 | 100克 | 瓶 |  | 1 |  | |
| 70022 | | 活性炭 | 500克 | 瓶 |  | 1 |  | |
| 70032 | | 二氧化锰 | 试剂，250克 | 瓶 |  | 1 |  | |
| 70042 | | 氯化钠 | 试剂，500克 | 瓶 |  | 1 |  | |
| 70086 | | 硫酸铜(蓝矾、胆矾) | 工业，1克 | 瓶 |  | 1 |  | |
| 71002 | | 碳酸钠 | 工业，1克 | 瓶 |  | 1 |  | |
| 71003 | | 碳酸氢钠 | 工业，500克 | 瓶 |  | 1 |  | |
| 71004 | | 大理石 | 2克 | 瓶 |  | 1 |  | |
| 71006 | | 碱式碳酸铜 | 试剂，500克 | 瓶 |  | 1 |  | |
| 71043 | | 氧化钙(生石灰) | 500克 | 瓶 |  | 2 |  | |
| 71044 | | 氢氧化钙(熟石灰) | 500克 | 瓶 |  | 2 |  | |
| 72021 | | 葡萄糖 | 250克 | 瓶 |  | 1 |  | |
| 72022 | | 蔗糖 | 250克 | 瓶 |  | 1 |  | |
| 72051 | | 石蕊 | 指示剂，10克 | 瓶 |  | 5 |  | |
| 72052 | | 酚酞 | 指示剂，5克 | 瓶 |  | 5 |  | |
| 72054 | | 品红 | 染料，5克 | 瓶 |  | 2 |  | |
| 72061 | | pH广范围试纸 | 1～14 | 本 |  | 10 |  | |
| 72062 | | 蓝石蕊试纸 | 符合《初中化学实验室装备标准》 | 本 |  | 5 |  | |
| 72063 | | 红石蕊试纸 | 符合《初中化学实验室装备标准》 | 本 |  | 5 |  | |
| 72091 | | 定性滤纸 | 符合GB/T 1914-2017 | 盒 |  | 20 |  | |
| 74001 | | 红(赤)磷 | 50克 | 瓶 |  | 4 |  | |
| 74060 | | 黄(白)磷 | 5克 | 瓶 |  | 5 |  | |
| 75001 | | 过氧化氢 | 试剂，30%，1500毫升 | 瓶 |  | 6 |  | |
| 75003 | | 高锰酸钾 | 试剂，500克 | 瓶 |  | 6 |  | |
| 77003 | | 硫酸 | 试剂，500毫升 | 瓶 |  | 2 |  | |
| 77011 | | 盐酸 | 试剂，1500毫升 | 瓶 |  | 2 |  | |
| 77032 | | 氢氧化钠 | 试剂，100克 | 瓶 |  | 3 |  | |
| 80201 | | 初中化学实验材料 | 黄铜片、火柴、蜡烛、剪刀、焊锡、炭棒、导线、电灯泡、木板、电池、电珠、砂纸等 | 套 |  | 2 |  | |
| 81017 | | 锉刀 | 符合《初中化学实验室装备标准》 | 个 |  | 2 |  | |
| 81032 | | 剪刀 | 符合《初中化学实验室装备标准》 | 把 |  | 2 |  | |
| 81052 | | 玻璃管切割器 | 符合《初中化学实验室装备标准》 | 个 |  | 2 |  | |
| 82001 | | 工作服 | 防酸碱 | 件 |  | 2 |  | |
| 82003 | | 护目镜 | 侧面完全遮挡，用于防强光、眩光、紫外、激光，或是机械性伤害。 | 个 |  | 2 |  | |
| 82007 | | 耐酸手套 | 符合 AQ 6102-2007 | 双 |  | 2 |  | |
| 82009 | | 洗眼器 | 符合《初中化学实验室装备标准》 | 套 |  | 2 |  | |
| 82010 | | 简易急救箱 | 符合《初中化学实验室装备标准》 | 件 |  | 1 |  | |
| 82012 | | 易燃品储存柜 | 防火、防盗、防腐蚀 | 个 |  | 1 |  | |
| 82013 | | 毒害品储存柜 | 防火、防盗、防腐蚀 | 个 |  | 1 |  | |
| 83201 | | 木炭、植物油、面粉、味精、食醋、洗洁精、铁钉、棉花、牛奶、鸡蛋等 | 符合《初中化学实验室装备标准》 | 克 |  | 2 |  | |
| 61007 | | 试管 | φ32mm×200mm | 支 |  | 10 |  | |
| 72025 | | 酒精 | 95%，30千克 | 瓶 |  | 10 |  | |
| 02075 | | 酒精喷灯 | 座式，铜制 | 个 |  | 2 |  | |
| 02123 | | 实验用品提篮 | 可固定试管、试剂瓶等仪器，底部有抽屉 | 个 |  | 2 |  | |
| 16001 | | 密度计 | 密度＞1 g/cm3 | 支 |  | 2 |  | |
| 26011 | | 微型溶液导电实验器 | 金属电极，笔式，所需溶液不超过3mL | 套 |  | 6 |  | |
| 02121 | | 塑料洗瓶 | 250mL或500mL | 个 |  | 10 |  | |
| 总额合计（元） | | | | | | |  | |
| **红田学校初中化学** | | | | | | | | |
| **编号** | | **名称** | **规格** | **单位** |  | **购置数量** |  | |
|
| 02006 | | 电动钻孔器 | 符合 JB 6827 | 台 |  | 2 |  | |
| 02102 | | 注射器 | 10ml，塑料 | 支 |  | 100 |  | |
| 02124 | | 塑料水槽 | 250mm×180mm×100mm | 个 |  | 20 |  | |
| 02125 | | 碘升华凝华管 | 密封式 | 个 |  | 80 |  | |
| 03005 | | 万能夹 | 符合《初中化学实验室装备标准》 | 个 |  | 30 |  | |
| 03009 | | 漏斗架 | 符合Q\_YZD 0076-2019 | 个 |  | 10 |  | |
| 04001 | | 学生电源 | 直流：1.5V～9V，1.5A，每1.5V一档 | 台 |  | 10 |  | |
| 11005 | | 托盘天平 | 500g，0.5g | 台 |  | 2 |  | |
| 26008 | | 初中微型化学实验箱 | 符合《初中化学实验室装备标准》 | 个 |  | 1 |  | |
| 26010 | | 深液导电演示器 | 符合《初中化学实验室装备标准》 | 台 |  | 3 |  | |
| 26015 | | 化学实验装置磁性教具 | 符合《初中化学实验室装备标准》 | 套 |  | 1 |  | |
| 26018 | | 元素学习卡 | 学习元素名称、符号用 | 套 |  | 50 |  | |
| 32008 | | 碳的同素异形体结构模型 | 包括金刚石、石墨、碳-60三种结构模型；小型，球管式，可拆卸 | 套 |  | 1 |  | |
| 42001 | | 金属矿物、金属及合金标本 | 各类不少于5种 | 盒 |  | 2 |  | |
| 42002 | | 原油常见馏分标本 | 不少于8种 | 盒 |  | 1 |  | |
| 42003 | | 合成有机高分子材料标本 | 不少于10种 | 盒 |  | 1 |  | |
| 42004 | | 新型无机非金属材料标本 | 氧化铝陶瓷、氮化硅陶瓷、光导纤维等 | 盒 |  | 1 |  | |
| 52001 | | 走进化学实验室 | 正版图书 | 套 |  | 1 |  | |
| 52002 | | 身边的化学物质 | 正版图书 | 套 |  | 1 |  | |
| 52003 | | 物质结构的奥秘 | 正版图书 | 套 |  | 1 |  | |
| 52401 | | 初中化学实验教学指导书 | 正版图书 | 套 |  | 1 |  | |
| 52402 | | 初中化学实验仪器手册 | 正版图书 | 套 |  | 1 |  | |
| 61002 | | 试管 | φ15mm×150mm | 支 |  | 200 |  | |
| 61003 | | 试管 | φ18mm×180mm | 支 |  | 200 |  | |
| 61005 | | 试管 | φ20mm×200mm | 支 |  | 200 |  | |
| 61021 | | 烧杯 | 50ml | 个 |  | 50 |  | |
| 61022 | | 烧杯 | 100ml | 个 |  | 50 |  | |
| 61023 | | 烧杯 | 250ml | 个 |  | 50 |  | |
| 61024 | | 烧杯 | 500ml | 个 |  | 20 |  | |
| 62001 | | 酒精灯 | 150ml | 个 |  | 20 |  | |
| 62007 | | 气体发生器 | 250ml | 个 |  | 50 |  | |
| 62031 | | 漏斗 | 60mm | 个 |  | 50 |  | |
| 62032 | | 漏斗 | 90mm | 个 |  | 50 |  | |
| 62036 | | 分液漏斗 | 梨形，50ml | 个 |  | 50 |  | |
| 62073 | | 滴管 | 符合 JY/T 0433-2011 | 支 |  | 200 |  | |
| 62091 | | 圆水槽 | φ200mm×100mm | 个 |  | 30 |  | |
| 63003 | | 集气瓶 | 250ml | 个 |  | 50 |  | |
| 63012 | | 广口瓶 | 125ml | 个 |  | 30 |  | |
| 63013 | | 广口瓶 | 250ml | 个 |  | 30 |  | |
| 63041 | | 滴瓶 | 30ml | 个 |  | 100 |  | |
| 63042 | | 滴瓶 | 60ml | 个 |  | 100 |  | |
| 64003 | | 烧杯夹 | 符合《初中化学实验室装备标准》 | 个 |  | 30 |  | |
| 64005 | | 镊子 | 符合《初中化学实验室装备标准》 | 个 |  | 30 |  | |
| 64006 | | 试管夹 | 符合《初中化学实验室装备标准》 | 个 |  | 60 |  | |
| 64007 | | 止水皮管夹 | 符合《初中化学实验室装备标准》 | 个 |  | 30 |  | |
| 64062 | | 橡胶管 | 符合《初中化学实验室装备标准》 | 千克 |  | 2 |  | |
| 64063 | | 乳胶管 | 符合《初中化学实验室装备标准》 | 米 |  | 20 |  | |
| 64071 | | 试管刷 | 符合《初中化学实验室装备标准》 | 个 |  | 30 |  | |
| 72 | | 铝箔 | 50克 | 瓶 |  | 1 |  | |
| 73 | | 铝丝 | 100克 | 瓶 |  | 1 |  | |
| 74 | | 锌(粒) | 工业，1克 | 瓶 |  | 1 |  | |
| 75 | | 还原铁粉 | 试剂，50克 | 瓶 |  | 1 |  | |
| 76 | | 铁丝 | 250克 | 瓶 |  | 1 |  | |
| 78 | | 锡粒 | 250克 | 瓶 |  | 1 |  | |
| 79 | | 铅粒 | 250克 | 瓶 |  | 1 |  | |
| 70010 | | 铜(紫铜片) | 250克 | 瓶 |  | 1 |  | |
| 70011 | | 铜丝 | 100克 | 瓶 |  | 1 |  | |
| 70021 | | 碘 | 试剂，50克 | 瓶 |  | 1 |  | |
| 70022 | | 活性炭 | 500克 | 瓶 |  | 5 |  | |
| 72091 | | 定性滤纸 | 符合GB/T 1914-2017 | 盒 |  | 50 |  | |
| 75001 | | 过氧化氢 | 试剂，30%，1500毫升 | 瓶 |  | 10 |  | |
| 77011 | | 盐酸 | 试剂，1500毫升 | 瓶 |  | 5 |  | |
| 77032 | | 氢氧化钠 | 试剂，100克 | 瓶 |  | 5 |  | |
| 80201 | | 初中化学实验材料 | 黄铜片、火柴、蜡烛、剪刀、焊锡、炭棒、导线、电灯泡、木板、电池、电珠、砂纸等 | 套 |  | 10 |  | |
| 80401 | | 地球科学实验材料 | 水粉颜料、细钢丝、细铁丝、橡皮泥、纱布条、棉签、软木塞、硬纸板、细线等 |  |  | 2 |  | |
| 81015 | | 手锤 | 符合《初中化学实验室装备标准》 | 个 |  | 3 |  | |
| 81017 | | 锉刀 | 符合GB/T 5806-2003 | 个 |  | 3 |  | |
| 81032 | | 剪刀 | 符合《初中化学实验室装备标准》 | 把 |  | 3 |  | |
| 81051 | | 玻璃瓶盖开启器 | 符合《初中化学实验室装备标准》 | 套 |  |  |  | |
| 81052 | | 玻璃管切割器 | 符合《初中化学实验室装备标准》 | 个 |  | 3 |  | |
| 82001 | | 工作服 | 防酸碱 | 件 |  | 3 |  | |
| 82003 | | 护目镜 | 侧面完全遮挡，用于防强光、眩光、紫外、激光，或是机械性伤害。 | 个 |  | 4 |  | |
| 82007 | | 耐酸手套 | 符合 AQ 6102-2007 | 双 |  | 5 |  | |
| 82010 | | 简易急救箱 | 符合《初中化学实验室装备标准》 | 件 |  | 1 |  | |
| 82011 | | 实验防护屏 | 符合《初中化学实验室装备标准》 | 件 |  | 3 |  | |
| 72025 | | 酒精 | 95%，30千克 | 瓶 |  | 3 |  | |
| 02123 | | 实验用品提篮 | 可固定试管、试剂瓶等仪器，底部有抽屉 | 个 |  | 2 |  | |
| 32004 | | 金刚石结构模型 | 球直径不小于30mm | 套 |  | 1 |  | |
| 32005 | | 石墨结构模型 | 球直径不小于30mm | 套 |  | 1 |  | |
| 32006 | | 碳-60结构模型 | 球直径不小于30mm | 套 |  | 1 |  | |
| 32007 | | 氯化钠晶体结构模型 | 球直径不小于30mm | 套 |  | 1 |  | |
| 合计（元） | | | | | | |  | |
| **第一小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 100 | |  |
| T1140 | 标志杆(筒) | | 玻璃钢，长度是1.2米，直径10毫米 | 根 |  | 50 | |  |
| T2081-1 | 少年足球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。 | 个 |  | 100 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 100 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 100 | |  |
|  | 少年篮球 | | 适合使用 4 号球，周长为 65-67 厘米，重量 370-410 克，便于孩子抓握，适合篮球启蒙。 | 个 |  | 100 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 200 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 100 | |  |
|  | 拔河绳 | | 符合DB51/T 1015-2010《中小学体育器材 拔河绳》等相关标准，小学用拔河绳直径为 28-35mm，中学用为 30-38mm，一般在 25m 以上。 | 根 |  | 2 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 198 | |  |
|  | 电子体重计 | | 量程：0-150㎏，分度值：0.1㎏ 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 2 | |  |
| 合计（元） | | | | | | | |  |
| **第三小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 60 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 30 | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 20 | |  |
| T1020 | 跳高架 | | 方体铸铁底座，铝合金，5\*5方管，升降高度为2米到2.5米， AJD-TJ-013 | 付 |  | 2 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 20 | |  |
| T1080 | 起跑器 | | 89型 | 付 |  | 6 | |  |
| T1310 | 助跳板 | | 50\*80公分， AJD-TC-020 | 个 |  | 3 | |  |
| T2020 | 气筒 | | 符合GB/T 19851 | 把 |  | 2 | |  |
| T2051 | 少年排球 | | GB/T19851.5-2005《中小学体育器材和场地标准 — 排球》 | 个 |  | 20 | |  |
| T2061 | 软式排球 | | 符合GB/T 19851 | 个 |  | 10 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 80 | |  |
| T2541 | 篮球 | | 5 号球：周长为 69-71 厘米，重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 60 | |  |
| T3011 | 体操棒 | | GB/T 19851.2-2005《中小学体育器材和场地第 2 符合GB/T 19851.2-2005《中小学体育器材和场地第2部分：体操器材》标准，长度：常见规格有 80-90cm 和 100cm 两种。  直径：一般为 3cm。  材质1：通常采用木质或塑料制成。重量7：未明确统一标准，但一般不会过重，以便学生握持和操作，常见的体操棒重量在几百克左右，具体因材质和尺寸而异。 | 根 |  | 20 | |  |
| T3031 | 长绳 | | 符合GB/T 19851《中小学体育器材和场地》相关标准。规格尺寸：长度一般为 4mm-6mm，直径为 8mm-9mm。重量：绳子质量通常在 140g-235g。材质：绳和柄应采用无毒、环保、适宜的材料制成，符合 GB 6675 相关要求。性能：绳与柄连接应滚动流畅，长度调节方便，并有绳的锁紧装置。 | 根 |  | 10 | |  |
| T3241 | 体操凳 | | 300×30×20cm 多功能 | 张 |  | 3 | |  |
| T8031 | 投掷靶 | | 符合GB/T 19851 | 只 |  | 4 | |  |
|  | 横竿 | | 常为竹制，也有玻璃纤维等其他材质，要求表面光滑，有一定韧性和强度。材质4：常为竹制，也有玻璃纤维等其他材质，要求表面光滑，有一定韧性和强度。长度：通常要求长度不小于 4mm。直径：竹制横杆直径一般不小于 40mm。高度2：小学阶段横竿可升降，最低一般为 70cm；初中阶段横竿高度通常在 2.5m-2.8m； | 根 |  | 3 | |  |
|  | 小体操垫 | | 100\*50\*5， AJD-T-003 | 块 |  | 30 | |  |
|  | 哨子 | | 符合GB/T 19851 | 只 |  | 30 | |  |
|  | 少年篮球 | | 适合使用 4 号球，周长为 65-67 厘米，重量 370-410 克，便于孩子抓握，适合篮球启蒙。 | 个 |  | 30 | |  |
|  | 健身拉拉带 | | 符合GB/T 19851 | 根 |  | 10 | |  |
|  | 多功能圈 | | 圈直径50-80cm，重量 500g 以内 | 个 |  | 60 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 99 | |  |
|  | 羽毛球 | | 重量：一般在 4.74-5.50 克之间，整体直径：含羽毛的球体直径为 6.4-7.0 厘米，羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 120 | |  |
| T1061 | 皮尺 | | 20m，30m或50m | 条 |  | 3 | |  |
| T1231 | 哑铃 | | 5kg | 付 |  | 2 | |  |
|  | 秒 表 | | 符合GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范。 | 块 |  | 10 | |  |
|  | 跳高横竿 | | 铝合金，长度为4米 | 根 |  | 6 | |  |
|  | 皮 尺 | | GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范，材质：带体采用玻璃纤维或涤纶纤维编织，表面涂覆 PVC（聚氯乙烯）保护层，具备耐磨、耐弯折、防水性能，不易因拉扯或潮湿变形。宽度：带体宽度一般为 10-15mm，既保证柔韧性，又便于读数，适配学生操作能力和教学场景特点。长度为50米。 | 卷 |  | 2 | |  |
|  | 武术棍 | | GB/T19851.19-2007《中小学体育器材和场地标准》1。具体如下：材质：通常为白蜡木。  长度：长 1.8m。粗细：小头直径不少于 2.8cm。外观：光滑平整，笔直，无裂缝，无断裂。 | 根 |  | 60 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 60 | |  |
|  | 长跳绳 | | 符合 GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 8mm，直径为 9mm。柄长 170mm，直径 33mm。重量：绳子质量不小于 745g，两个手柄质量不小于 160g。材质：所有材质应无毒、环保。跳绳的易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。绳体应柔软，韧性好，色彩鲜艳。性能：绳与柄的连接应滚动流畅，绳的长度方便调节，且有锁紧绳装置，确保使用过程中不会轻易改变长度。 | 根 |  | 10 | |  |
|  | 拔河绳 | | 符合DB51/T 1015-2010《中小学体育器材 拔河绳》等相关标准，小学用拔河绳直径为 28-35mm，中学用为 30-38mm，一般在 25m 以上。 | 根 |  | 1 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 90 | |  |
|  | 电子握力计 | | 量程：5-100㎏f 分度值:0.1㎏f 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 2 | |  |
|  | 吹 嘴 | | 肺活量专用、塑料 | 个 |  | 3 | |  |
| 合计（元） | | | | | | | |  |
| **第四小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 50 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 50 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 10 | |  |
| T1140 | 标志杆(筒) | | 玻璃钢，长度是1.2米，直径10毫米 | 根 |  | 100 | |  |
| T1310 | 助跳板 | | 50\*80公分， AJD-TC-020 | 个 |  | 1 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 110 | |  |
| T2220 | 毽球 | | 符合GB/T 19851 | 个 |  | 30 | |  |
| T2480 | 小皮球 | | 符合GB/T 19851 | 个 |  | 100 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 100 | |  |
| T3021 | 短绳 | | 符合GB/T 19851.20-2007 标准，长度：2600mm-2800mm。直径：6mm-7mm。质量：绳子质量 60g-80g。手柄：长度 140mm-170mm，直径26mm-33mm，两个手柄质量 70g-90g。 | 根 |  | 180 | |  |
| T3031 | 长绳 | | 符合GB/T 19851《中小学体育器材和场地》相关标准。规格尺寸：长度一般为 4mm-6mm，直径为 8mm-9mm。重量：绳子质量通常在 140g-235g。材质：绳和柄应采用无毒、环保、适宜的材料制成，符合 GB 6675 相关要求。性能：绳与柄连接应滚动流畅，长度调节方便，并有绳的锁紧装置。 | 根 |  | 50 | |  |
| T8021 | 小沙包 | | 符合GB/T 19851 | 只 |  | 100 | |  |
| T8031 | 投掷靶 | | 符合GB/T 19851 | 只 |  | 10 | |  |
|  | 哨子 | | 符合GB/T 19851 | 只 |  | 50 | |  |
|  | 少年篮球 | | 适合使用 4 号球，周长为 65-67 厘米，重量 370-410 克，便于孩子抓握，适合篮球启蒙。 | 个 |  | 100 | |  |
|  | 摸高架 | | 符合GB/T 19851 | 副 |  | 3 | |  |
|  | 健身拉拉带 | | 符合GB/T 19851 | 根 |  | 20 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 50 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 100 | |  |
|  | 秒 表 | | 符合GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范。 | 块 |  | 10 | |  |
|  | 跳高横竿 | | 铝合金，长度为4米 | 根 |  | 10 | |  |
|  | 皮 尺 | | GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范，材质：带体采用玻璃纤维或涤纶纤维编织，表面涂覆 PVC（聚氯乙烯）保护层，具备耐磨、耐弯折、防水性能，不易因拉扯或潮湿变形。宽度：带体宽度一般为 10-15mm，既保证柔韧性，又便于读数，适配学生操作能力和教学场景特点。长度为50米。 | 卷 |  | 2 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 50 | |  |
|  | 长跳绳 | | 符合 GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 8mm，直径为 9mm。柄长 170mm，直径 33mm。重量：绳子质量不小于 745g，两个手柄质量不小于 160g。材质：所有材质应无毒、环保。跳绳的易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。绳体应柔软，韧性好，色彩鲜艳。性能：绳与柄的连接应滚动流畅，绳的长度方便调节，且有锁紧绳装置，确保使用过程中不会轻易改变长度。 | 根 |  | 20 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 40 | |  |
|  | 电子肺活量计 | | 量程：100-9999mL 分度值:1mL 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 电子坐位体前屈 | | 量程:-20-35㎝ 分度值:0.1㎝ 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 1 | |  |
|  | 吹 嘴 | | 肺活量专用、塑料 | 个 |  | 500 | |  |
| 合计（元） | | | | | | | |  |
| **第五小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 30 | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 8 | |  |
| T1020 | 跳高架 | | 方体铸铁底座，铝合金，5\*5方管，升降高度为2米到2.5米， AJD-TJ-013 | 付 |  | 1 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 10 | |  |
| T2020 | 气筒 | | 符合GB/T 19851 | 把 |  | 2 | |  |
| T2081-1 | 少年足球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。 | 个 |  | 20 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 78 | |  |
| T2480 | 小皮球 | | 符合GB/T 19851 | 个 |  | 15 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 70 | |  |
| T3011 | 体操棒 | | GB/T 19851.2-2005《中小学体育器材和场地第 2 符合GB/T 19851.2-2005《中小学体育器材和场地第2部分：体操器材》标准，长度：常见规格有 80-90cm 和 100cm 两种。  直径：一般为 3cm。  材质1：通常采用木质或塑料制成。重量7：未明确统一标准，但一般不会过重，以便学生握持和操作，常见的体操棒重量在几百克左右，具体因材质和尺寸而异。 | 根 |  | 40 | |  |
| T3021 | 短绳 | | 符合GB/T 19851.20-2007 标准，长度：2600mm-2800mm。直径：6mm-7mm。质量：绳子质量 60g-80g。手柄：长度 140mm-170mm，直径26mm-33mm，两个手柄质量 70g-90g。 | 根 |  | 30 | |  |
| T3241 | 体操凳 | | 300×30×20cm 多功能 | 张 |  | 2 | |  |
| T8021 | 小沙包 | | 符合GB/T 19851 | 只 |  | 132 | |  |
|  | 哨子 | | 符合GB/T 19851 | 只 |  | 10 | |  |
|  | 摸高架 | | 符合GB/T 19851 | 副 |  | 2 | |  |
|  | 健身拉拉带 | | 符合GB/T 19851 | 根 |  | 15 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 60 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 50 | |  |
| T1061 | 皮尺 | | 20m，30m或50m | 条 |  | 2 | |  |
| T1231 | 哑铃 | | 5kg | 付 |  | 30 | |  |
|  | 跳高横竿 | | 铝合金，长度为4米 | 根 |  | 1 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 120 | |  |
|  | 长跳绳 | | 符合 GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 8mm，直径为 9mm。柄长 170mm，直径 33mm。重量：绳子质量不小于 745g，两个手柄质量不小于 160g。材质：所有材质应无毒、环保。跳绳的易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。绳体应柔软，韧性好，色彩鲜艳。性能：绳与柄的连接应滚动流畅，绳的长度方便调节，且有锁紧绳装置，确保使用过程中不会轻易改变长度。 | 根 |  | 50 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 50 | |  |
|  | 羽毛球网、架 | | 外表面一般采用静电粉末喷塑工艺，涂饰层附着力应达到一级，硬度达到 2H，有一定耐冲击性能，表面无皱纹、漏喷、起泡、脱皮及明显划痕等缺陷。各部件焊接应严密牢固，不应有漏焊、虚焊、裂纹等问题。铸铁移动式，底座外形尺寸约为 600×430×100 毫米，柱高 1.55 米，采用直径 42 毫米的钢管，壁厚不低于 3 毫米,ABS外壳，铸铁配重，柱体喷塑，直径42毫米，总重量为50公斤.羽毛球网:网长 6.10 米，宽 76 厘米。网孔为方形，边长在 15-20 毫米之间。网的上沿应缝有 75 毫米宽的双层白布，并用细钢丝绳或尼龙绳从夹层穿过，用于固定在网柱上,网柱高度为 1.55 米，球网中部上沿距地面高度为 1.524 米，两端高度为 1.55 米。由优质深色的天然或人造纤维制成. | 付 |  | 1 | |  |
|  | 电子体重计 | | 量程：0-150㎏，分度值：0.1㎏ 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 电子肺活量计 | | 量程：100-9999mL 分度值:1mL 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 电子握力计 | | 量程：5-100㎏f 分度值:0.1㎏f 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 2 | |  |
|  | 电子坐位体前屈 | | 量程:-20-35㎝ 分度值:0.1㎝ 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 2 | |  |
|  | 电子仰卧起坐测试仪 | | 测量范围:0-99(一分钟) 分度值:1次 误差:±0.1 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 吹 嘴 | | 肺活量专用、塑料 | 个 |  | 1 | |  |
| **合计（元）** | | | | | | | |  |
| **第六小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 30 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 30 | |  |
| T0402 | 室外乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  | 2 | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 8 | |  |
| T1080 | 起跑器 | | 89型 | 付 |  | 4 | |  |
| T1090 | 发令枪 | | 两发， AJD-TJ-037 | 支 |  | 1 | |  |
| T1310 | 助跳板 | | 50\*80公分， AJD-TC-020 | 个 |  | 1 | |  |
| T2020 | 气筒 | | 符合GB/T 19851 | 把 |  | 2 | |  |
| T2041 | 篮球架 | | 符合GB/T 19851.3-2005《中小学体育器材和场地 第 3 部分：篮球架》 | 付 |  | 1 | |  |
| T2190 | 板羽球拍 | | 符合GB/T 19851 | 付 |  | 30 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 40 | |  |
| T3021 | 短绳 | | 符合GB/T 19851.20-2007 标准，长度：2600mm-2800mm。直径：6mm-7mm。质量：绳子质量 60g-80g。手柄：长度 140mm-170mm，直径26mm-33mm，两个手柄质量 70g-90g。 | 根 |  | 30 | |  |
| T3031 | 长绳 | | 符合GB/T 19851《中小学体育器材和场地》相关标准。规格尺寸：长度一般为 4mm-6mm，直径为 8mm-9mm。重量：绳子质量通常在 140g-235g。材质：绳和柄应采用无毒、环保、适宜的材料制成，符合 GB 6675 相关要求。性能：绳与柄连接应滚动流畅，长度调节方便，并有绳的锁紧装置。 | 根 |  | 4 | |  |
| T8021 | 小沙包 | | 符合GB/T 19851 | 只 |  | 20 | |  |
| T8031 | 投掷靶 | | 符合GB/T 19851 | 只 |  | 2 | |  |
|  | 大体操垫 | | 200\*100\*10， AJD-T-003 | 块 |  | 25 | |  |
|  | 小体操垫 | | 100\*50\*5， AJD-T-003 | 块 |  | 30 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 50 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 50 | |  |
|  | 排球架 | | 移动式，外管直径89毫米，喷塑，内芯直径76毫米。可升降。AJD-006 | 付 |  | 1 | |  |
|  | 秒 表 | | 符合GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范。 | 块 |  | 4 | |  |
|  | 羽毛球网、架 | | 外表面一般采用静电粉末喷塑工艺，涂饰层附着力应达到一级，硬度达到 2H，有一定耐冲击性能，表面无皱纹、漏喷、起泡、脱皮及明显划痕等缺陷。各部件焊接应严密牢固，不应有漏焊、虚焊、裂纹等问题。铸铁移动式，底座外形尺寸约为 600×430×100 毫米，柱高 1.55 米，采用直径 42 毫米的钢管，壁厚不低于 3 毫米,ABS外壳，铸铁配重，柱体喷塑，直径42毫米，总重量为50公斤.羽毛球网:网长 6.10 米，宽 76 厘米。网孔为方形，边长在 15-20 毫米之间。网的上沿应缝有 75 毫米宽的双层白布，并用细钢丝绳或尼龙绳从夹层穿过，用于固定在网柱上,网柱高度为 1.55 米，球网中部上沿距地面高度为 1.524 米，两端高度为 1.55 米。由优质深色的天然或人造纤维制成. | 付 |  | 1 | |  |
|  | 电子体重计 | | 量程：0-150㎏，分度值：0.1㎏ 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 电子肺活量计 | | 量程：100-9999mL 分度值:1mL 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 电子握力计 | | 量程：5-100㎏f 分度值:0.1㎏f 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 1 | |  |
| 合计（元） | | | | | | | |  |
| **民族中学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0100 | 足球 | | 符合GB/T 19851 | 个 |  | 100 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 50 | |  |
| T0402 | 乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  |  | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 30 | |  |
| T1020 | 跳高架 | | 方体铸铁底座，铝合金，5\*5方管，升降高度为2米到2.5米， AJD-TJ-013 | 付 |  | 4 | |  |
| T1050 | 木尺 | | 1.8-2.8(m) | 把 |  | 4 | |  |
| T1090 | 发令枪 | | 两发， AJD-TJ-037 | 支 |  | 4 | |  |
| T1140 | 标志杆(筒) | | 玻璃钢，长度是1.2米，直径10毫米 | 根 |  | 85 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 200 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 30 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 200 | |  |
|  | 秒 表 | | 符合GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范。 | 块 |  | 60 | |  |
|  | 皮 尺 | | GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范，材质：带体采用玻璃纤维或涤纶纤维编织，表面涂覆 PVC（聚氯乙烯）保护层，具备耐磨、耐弯折、防水性能，不易因拉扯或潮湿变形。宽度：带体宽度一般为 10-15mm，既保证柔韧性，又便于读数，适配学生操作能力和教学场景特点。长度为50米。 | 卷 |  | 6 | |  |
|  | 拔河绳 | | 符合DB51/T 1015-2010《中小学体育器材 拔河绳》等相关标准，小学用拔河绳直径为 28-35mm，中学用为 30-38mm，一般在 25m 以上。 | 根 |  | 2 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 100 | |  |
|  | 合计（元） | | | | | | |  |
| **矿区学校小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 30 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 30 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 2 | |  |
| T2051 | 少年排球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。或4号 | 个 |  | 12 | |  |
| T2061 | 软式排球 | | 符合GB/T 19851 | 个 |  | 20 | |  |
| T2081-1 | 少年足球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。 | 个 |  | 15 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 30 | |  |
| T3021 | 短绳 | | 符合GB/T 19851.20-2007 标准，长度：2600mm-2800mm。直径：6mm-7mm。质量：绳子质量 60g-80g。手柄：长度 140mm-170mm，直径26mm-33mm，两个手柄质量 70g-90g。 | 根 |  | 30 | |  |
| T8021 | 小沙包 | | 符合GB/T 19851 | 只 |  | 20 | |  |
|  | 哨子 | | 符合GB/T 19851 | 只 |  | 4 | |  |
|  | 少年篮球 | | 适合使用 4 号球，周长为 65-67 厘米，重量 370-410 克，便于孩子抓握，适合篮球启蒙。 | 个 |  | 20 | |  |
|  | 小足球门 | | 符合GB/T 19851 | 副 |  | 2 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 100 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 50 | |  |
|  | 秒 表 | | 符合GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范。 | 块 |  | 2 | |  |
|  | 皮 尺 | | GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范，材质：带体采用玻璃纤维或涤纶纤维编织，表面涂覆 PVC（聚氯乙烯）保护层，具备耐磨、耐弯折、防水性能，不易因拉扯或潮湿变形。宽度：带体宽度一般为 10-15mm，既保证柔韧性，又便于读数，适配学生操作能力和教学场景特点。长度为GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范，材质：带体采用玻璃纤维或涤纶纤维编织，表面涂覆 PVC（聚氯乙烯）保护层，具备耐磨、耐弯折、防水性能，不易因拉扯或潮湿变形。宽度：带体宽度一般为 10-15mm，既保证柔韧性，又便于读数，适配学生操作能力和教学场景特点。长度为50米。。 | 卷 |  | 1 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 100 | |  |
|  | 拔河绳 | | 符合DB51/T 1015-2010《中小学体育器材 拔河绳》等相关标准，小学用拔河绳直径为 28-35mm，中学用为 30-38mm，一般在 25m 以上。 | 根 |  | 2 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 30 | |  |
|  | 小足球门 | | 5\*2米，直径89毫米，壁厚3.75毫米，压杆48毫米，壁厚3.25毫米，外表喷塑， AJD-Z-001 | 副 |  | 1 | |  |
|  | 羽毛球网、架 | | 外表面一般采用静电粉末喷塑工艺，涂饰层附着力应达到一级，硬度达到 2H，有一定耐冲击性能，表面无皱纹、漏喷、起泡、脱皮及明显划痕等缺陷。各部件焊接应严密牢固，不应有漏焊、虚焊、裂纹等问题。铸铁移动式，底座外形尺寸约为 600×430×100 毫米，柱高 1.55 米，采用直径 42 毫米的钢管，壁厚不低于 3 毫米,ABS外壳，铸铁配重，柱体喷塑，直径42毫米，总重量为50公斤.羽毛球网:网长 6.10 米，宽 76 厘米。网孔为方形，边长在 15-20 毫米之间。网的上沿应缝有 75 毫米宽的双层白布，并用细钢丝绳或尼龙绳从夹层穿过，用于固定在网柱上,网柱高度为 1.55 米，球网中部上沿距地面高度为 1.524 米，两端高度为 1.55 米。由优质深色的天然或人造纤维制成. | 付 |  | 2 | |  |
|  | 吹 嘴 | | 肺活量专用、塑料 | 个 |  | 1200 | |  |
| 合计（元） | | | | | | | |  |
| **矿区学校初中体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 15 | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 20 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 10 | |  |
| T1235 | 摸高架 | | 符合GB/T 19851 | 付 |  | 2 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 50 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 50 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 100 | |  |
| T2531 | 联合训练器材 | | 符合GB/T 19851 | 付 |  | 2 | |  |
|  | 秒 表 | | 符合GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范。 | 块 |  | 6 | |  |
|  | 皮 尺 | | GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范，材质：带体采用玻璃纤维或涤纶纤维编织，表面涂覆 PVC（聚氯乙烯）保护层，具备耐磨、耐弯折、防水性能，不易因拉扯或潮湿变形。宽度：带体宽度一般为 10-15mm，既保证柔韧性，又便于读数，适配学生操作能力和教学场景特点。长度为50米。 | 卷 |  | 2 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 100 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 50 | |  |
|  | 电子体重计 | | 量程：0-150㎏，分度值：0.1㎏ 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 2 | |  |
|  | 吹 嘴 | | 肺活量专用、塑料 | 个 |  | 300 | |  |
|  | 《国家学生体质健康标准》解读本 | | 人民教育出版社 | 本 |  | 5 | |  |
|  | 合计（元） | | | | | | |  |
| **红林学校小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T2051 | 少年排球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。或4号 | 个 |  | 50 | |  |
| T2081-1 | 少年足球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。 | 个 |  | 50 | |  |
| T2480 | 小皮球 | | 符合GB/T 19851 | 个 |  | 50 | |  |
| T3021 | 短绳 | | 符合GB/T 19851.20-2007 标准，长度：2600mm-2800mm。直径：6mm-7mm。质量：绳子质量 60g-80g。手柄：长度 140mm-170mm，直径26mm-33mm，两个手柄质量 70g-90g。 | 根 |  | 150 | |  |
| T3031 | 长绳 | | 符合GB/T 19851《中小学体育器材和场地》相关标准。规格尺寸：长度一般为 4mm-6mm，直径为 8mm-9mm。重量：绳子质量通常在 140g-235g。材质：绳和柄应采用无毒、环保、适宜的材料制成，符合 GB 6675 相关要求。性能：绳与柄连接应滚动流畅，长度调节方便，并有绳的锁紧装置。 | 根 |  | 30 | |  |
| T8021 | 小沙包 | | 符合GB/T 19851 | 只 |  | 50 | |  |
|  | 哨子 | | 符合GB/T 19851 | 只 |  | 30 | |  |
|  | 少年篮球 | | 适合使用 4 号球，周长为 65-67 厘米，重量 370-410 克，便于孩子抓握，适合篮球启蒙。 | 个 |  | 50 | |  |
|  | 健身拉拉带 | | 符合GB/T 19851 | 根 |  | 30 | |  |
| T0050 | 飞盘 | | 符合GB/T 19851 | 只 |  | 50 | |  |
|  | 皮 尺 | | GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范，材质：带体采用玻璃纤维或涤纶纤维编织，表面涂覆 PVC（聚氯乙烯）保护层，具备耐磨、耐弯折、防水性能，不易因拉扯或潮湿变形。宽度：带体宽度一般为 10-15mm，既保证柔韧性，又便于读数，适配学生操作能力和教学场景特点。长度为50米。 | 卷 |  | 3 | |  |
| 合计（元） | | | | | | | |  |
| **红林学校初中体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0100 | 足球 | | 符合GB/T 19851 | 个 |  | 100 | |  |
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 50 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 50 | |  |
| T1020 | 跳高架 | | 方体铸铁底座，铝合金，5\*5方管，升降高度为2米到2.5米， AJD-TJ-013 | 付 |  | 2 | |  |
| T1050 | 木尺 | | 1.8-2.8(m) | 把 |  | 2 | |  |
| T1140 | 标志杆(筒) | | 玻璃钢，长度是1.2米，直径10毫米 | 根 |  | 50 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 100 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 100 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 50 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 150 | |  |
| T1061 | 皮尺 | | 20m，30m或50m | 条 |  | 5 | |  |
|  | 合计（元） | | | | | | |  |
| **思源学校小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 30 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 20 | |  |
| T0402 | 室外乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  | 2 | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 8 | |  |
| T1020 | 跳高架 | | 方体铸铁底座，铝合金，5\*5方管，升降高度为2米到2.5米， AJD-TJ-013 | 付 |  | 1 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 2 | |  |
| T1080 | 起跑器 | | 89型 | 付 |  | 4 | |  |
| T1090 | 发令枪 | | 两发， AJD-TJ-037 | 支 |  | 1 | |  |
| T1100 | 铅球 | | 3kg | 个 |  | 2 | |  |
| T1140 | 标志杆(筒) | | 玻璃钢，长度是1.2米，直径10毫米 | 根 |  | 4 | |  |
| T2020 | 气筒 | | 符合GB/T 19851 | 把 |  | 1 | |  |
| T2051 | 少年排球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。或4号 | 个 |  | 12 | |  |
| T2061 | 软式排球 | | 符合GB/T 19851 | 个 |  | 20 | |  |
| T2081-1 | 少年足球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。 | 个 |  | 15 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 30 | |  |
| T2220 | 毽球 | | 符合GB/T 19851 | 个 |  | 20 | |  |
| T2480 | 小皮球 | | 符合GB/T 19851 | 个 |  | 15 | |  |
| T2531 | 垒球 | | 10in | 个 |  | 30 | |  |
| T3021 | 短绳 | | 符合GB/T 19851.20-2007 标准，长度：2600mm-2800mm。直径：6mm-7mm。质量：绳子质量 60g-80g。手柄：长度 140mm-170mm，直径26mm-33mm，两个手柄质量 70g-90g。 | 根 |  | 30 | |  |
| T3031 | 长绳 | | 符合GB/T 19851《中小学体育器材和场地》相关标准。规格尺寸：长度一般为 4mm-6mm，直径为 8mm-9mm。重量：绳子质量通常在 140g-235g。材质：绳和柄应采用无毒、环保、适宜的材料制成，符合 GB 6675 相关要求。性能：绳与柄连接应滚动流畅，长度调节方便，并有绳的锁紧装置。 | 根 |  | 4 | |  |
| T3241 | 体操凳 | | 300×30×20cm 多功能 | 张 |  | 2 | |  |
|  | 大体操垫 | | 200\*100\*10， AJD-T-003 | 块 |  | 10 | |  |
|  | 小体操垫 | | 100\*50\*5， AJD-T-003 | 块 |  | 30 | |  |
|  | 哨子 | | 符合GB/T 19851 | 只 |  | 4 | |  |
|  | 少年篮球 | | 适合使用 4 号球，周长为 65-67 厘米，重量 370-410 克，便于孩子抓握，适合篮球启蒙。 | 个 |  | 20 | |  |
|  | 摸高架 | | 符合GB/T 19851 | 副 |  | 1 | |  |
|  | 健身拉拉带 | | 符合GB/T 19851 | 根 |  | 4 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 50 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 40 | |  |
| T1061 | 皮尺 | | 20m，30m或50m | 条 |  | 2 | |  |
| T1071 | 实心球 | | 1kg D=15cm,2kg D=20cm | 个 |  | 5 | |  |
| T1231 | 哑铃 | | 5kg | 付 |  | 10 | |  |
|  | 秒 表 | | 符合GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范。 | 块 |  | 2 | |  |
|  | 皮 尺 | | GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范，材质：带体采用玻璃纤维或涤纶纤维编织，表面涂覆 PVC（聚氯乙烯）保护层，具备耐磨、耐弯折、防水性能，不易因拉扯或潮湿变形。宽度：带体宽度一般为 10-15mm，既保证柔韧性，又便于读数，适配学生操作能力和教学场景特点。长度为50米。 | 卷 |  | 1 | |  |
|  | 武术棍 | | GB/T19851.19-2007《中小学体育器材和场地标准》1。具体如下：材质：通常为白蜡木。长度：长 1.8m。粗细：小头直径不少于 2.8cm。外观：光滑平整，笔直，无裂缝，无断裂。 | 根 |  | 30 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 20 | |  |
|  | 电子体重计 | | 量程：0-150㎏，分度值：0.1㎏ 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
| 合计（元） | | | | | | | |  |
| **思源学校初中体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0100 | 足球 | |  | 个 |  | 10 | |  |
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 20 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 30 | |  |
| T0402 | 室外乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  | 4 | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 24 | |  |
| T1020 | 跳高架 | | 方体铸铁底座，铝合金，5\*5方管，升降高度为2米到2.5米， AJD-TJ-013 | 付 |  | 1 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 4 | |  |
| T1080 | 起跑器 | | 89型 | 付 |  | 4 | |  |
| T1090 | 发令枪 | | 两发， AJD-TJ-037 | 支 |  | 1 | |  |
| T1140 | 标志杆(筒) | | 玻璃钢，长度是1.2米，直径10毫米 | 根 |  | 16 | |  |
| T1310 | 助跳板 | | 50\*80公分， AJD-TC-020 | 个 |  | 2 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 50 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 50 | |  |
|  | 小体操垫 | | 100\*50\*5， AJD-T-003 | 块 |  | 20 | |  |
|  | 健身拉拉带 | | 符合GB/T 19851 | 根 |  | 20 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 100 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 50 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 50 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 20 | |  |
|  | 合计（元） | | | | | | |  |
| **石碌镇学校小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 10 | |  |
| T1100 | 铅球 | | 3kg | 个 |  | 2 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 30 | |  |
| T8021 | 小沙包 | | 符合GB/T 19851 | 只 |  | 20 | |  |
| T8031 | 投掷靶 | | 符合GB/T 19851 | 只 |  | 1 | |  |
|  | 大体操垫 | | 200\*100\*10， AJD-T-003 | 块 |  | 10 | |  |
|  | 小体操垫 | | 100\*50\*5， AJD-T-003 | 块 |  | 20 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 50 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 50 | |  |
|  | 体质健康标准测试仪器 | | 符合GB/T 19851 | 套 |  | 1 | |  |
| T1061 | 皮尺 | | 20m，30m或50m | 条 |  | 1 | |  |
|  | 秒 表 | | 符合GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范。 | 块 |  | 2 | |  |
|  | 皮 尺 | | GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范，材质：带体采用玻璃纤维或涤纶纤维编织，表面涂覆 PVC（聚氯乙烯）保护层，具备耐磨、耐弯折、防水性能，不易因拉扯或潮湿变形。宽度：带体宽度一般为 10-15mm，既保证柔韧性，又便于读数，适配学生操作能力和教学场景特点。长度为50米。 | 卷 |  | 2 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 100 | |  |
|  | 长跳绳 | | 符合 GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 8mm，直径为 9mm。柄长 170mm，直径 33mm。重量：绳子质量不小于 745g，两个手柄质量不小于 160g。材质：所有材质应无毒、环保。跳绳的易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。绳体应柔软，韧性好，色彩鲜艳。性能：绳与柄的连接应滚动流畅，绳的长度方便调节，且有锁紧绳装置，确保使用过程中不会轻易改变长度。 | 根 |  |  | |  |
|  | 拔河绳 | | 符合DB51/T 1015-2010《中小学体育器材 拔河绳》等相关标准，小学用拔河绳直径为 28-35mm，中学用为 30-38mm，一般在 25m 以上。 | 根 |  |  | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 20 | |  |
| 合计（元） | | | | | | | |  |
| **石碌镇学校初中体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0402 | 乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  | 4 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 50 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 14 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 50 | |  |
|  | 体质健康标准测试仪器 | | 符合GB/T 19851 | 套 |  | 1 | |  |
|  | 秒 表 | | 符合GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范。 | 块 |  | 6 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 100 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 40 | |  |
|  | 合计（元） | | | | | | |  |
| **保突小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 10 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 10 | |  |
| T0402 | 室外乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  | 2 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 2 | |  |
| T2020 | 气筒 | | 符合GB/T 19851 | 把 |  | 3 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 7 | |  |
| T2480 | 小皮球 | | 符合GB/T 19851 | 个 |  | 10 | |  |
| T8031 | 投掷靶 | | 符合GB/T 19851 | 只 |  | 2 | |  |
| T9310 | 救生圈 | | 根据学校实际情况配置一定的数量 | 个 |  | 5 | |  |
|  | 哨子 | | 符合GB/T 19851 | 只 |  | 6 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 10 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 10 | |  |
|  | 板羽球 | | 易耗品器材，应经常添置，保证常量 | 个 |  | 2 | |  |
|  | 羽毛球网、架 | | 外表面一般采用静电粉末喷塑工艺，涂饰层附着力应达到一级，硬度达到 2H，有一定耐冲击性能，表面无皱纹、漏喷、起泡、脱皮及明显划痕等缺陷。各部件焊接应严密牢固，不应有漏焊、虚焊、裂纹等问题。铸铁移动式，底座外形尺寸约为 600×430×100 毫米，柱高 1.55 米，采用直径 42 毫米的钢管，壁厚不低于 3 毫米,ABS外壳，铸铁配重，柱体喷塑，直径42毫米，总重量为50公斤.羽毛球网:网长 6.10 米，宽 76 厘米。网孔为方形，边长在 15-20 毫米之间。网的上沿应缝有 75 毫米宽的双层白布，并用细钢丝绳或尼龙绳从夹层穿过，用于固定在网柱上,网柱高度为 1.55 米，球网中部上沿距地面高度为 1.524 米，两端高度为 1.55 米。由优质深色的天然或人造纤维制成. | 付 |  | 2 | |  |
| 合计（元） | | | | | | | |  |
| **水头小学小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0402 | 室外乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  | 2 | |  |
| T1031 | 栏架 | | 升降，最低40cm | 付 |  | 10 | |  |
| T1080 | 起跑器 | | 89型 | 付 |  | 4 | |  |
| T1090 | 发令枪 | | 两发， AJD-TJ-037 | 支 |  | 1 | |  |
| T2020 | 气筒 | | 符合GB/T 19851 | 把 |  | 1 | |  |
| T2081-1 | 少年足球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。 | 个 |  | 5 | |  |
| T2220 | 毽球 | | 符合GB/T 19851 | 个 |  | 20 | |  |
| T3050 | 低单杠 | | 高1.8米，杠面直径28毫米，宽2.4米，外表喷塑， AJD-TC-010 | 付 |  | 2 | |  |
| T3061 | 低双杠 | | 符合GB/T 19851 | 付 |  | 2 | |  |
| T3241 | 体操凳 | | 300×30×20cm 多功能 | 张 |  | 2 | |  |
| T4110 | 攀登架 | | 镀锌管 | 组 |  | 1 | |  |
| T8031 | 投掷靶 | | 符合GB/T 19851 | 只 |  | 2 | |  |
|  | 摸高架 | | 符合GB/T 19851 | 副 |  | 1 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 25 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 20 | |  |
| T1231 | 哑铃 | | 5kg | 付 |  | 12 | |  |
|  | 秒 表 | | 符合GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范。 | 块 |  | 2 | |  |
| 合计（元） | | | | | | | |  |
| **十月田学校小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 30 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 30 | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 8 | |  |
| T1140 | 标志杆(筒) | | 玻璃钢，长度是1.2米，直径10毫米 | 根 |  | 4 | |  |
| T2081-1 | 少年足球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。 | 个 |  | 15 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 30 | |  |
| T2480 | 小皮球 | | 符合GB/T 19851 | 个 |  | 15 | |  |
| T3021 | 短绳 | | 符合GB/T 19851.20-2007 标准，长度：2600mm-2800mm。直径：6mm-7mm。质量：绳子质量 60g-80g。手柄：长度 140mm-170mm，直径26mm-33mm，两个手柄质量 70g-90g。 | 根 |  | 30 | |  |
| T3031 | 长绳 | | 符合GB/T 19851《中小学体育器材和场地》相关标准。规格尺寸：长度一般为 4mm-6mm，直径为 8mm-9mm。重量：绳子质量通常在 140g-235g。材质：绳和柄应采用无毒、环保、适宜的材料制成，符合 GB 6675 相关要求。性能：绳与柄连接应滚动流畅，长度调节方便，并有绳的锁紧装置。 | 根 |  | 4 | |  |
|  | 大体操垫 | | 200\*100\*10， AJD-T-003 | 块 |  | 10 | |  |
|  | 小体操垫 | | 100\*50\*5， AJD-T-003 | 块 |  | 30 | |  |
|  | 少年篮球 | | 适合使用 4 号球，周长为 65-67 厘米，重量 370-410 克，便于孩子抓握，适合篮球启蒙。 | 个 |  | 20 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 80 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 50 | |  |
|  | 皮 尺 | | GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范，材质：带体采用玻璃纤维或涤纶纤维编织，表面涂覆 PVC（聚氯乙烯）保护层，具备耐磨、耐弯折、防水性能，不易因拉扯或潮湿变形。宽度：带体宽度一般为 10-15mm，既保证柔韧性，又便于读数，适配学生操作能力和教学场景特点。长度为50米。 | 卷 |  | 2 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 80 | |  |
|  | 长跳绳 | | 符合 GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 8mm，直径为 9mm。柄长 170mm，直径 33mm。重量：绳子质量不小于 745g，两个手柄质量不小于 160g。材质：所有材质应无毒、环保。跳绳的易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。绳体应柔软，韧性好，色彩鲜艳。性能：绳与柄的连接应滚动流畅，绳的长度方便调节，且有锁紧绳装置，确保使用过程中不会轻易改变长度。 | 根 |  | 30 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 30 | |  |
| 合计（元） | | | | | | | |  |
| **十月田学校初中体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0100 | 足球 | | 符合GB/T 19851 | 个 |  | 20 | |  |
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 30 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 40 | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 10 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 5 | |  |
| T1090 | 发令枪 | | 两发， AJD-TJ-037 | 支 |  | 1 | |  |
| T1140 | 标志杆(筒) | | 玻璃钢，长度是1.2米，直径10毫米 | 根 |  | 16 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 40 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 40 | |  |
| T3031 | 长绳 | | 符合GB/T 19851《中小学体育器材和场地》相关标准。规格尺寸：长度一般为 4mm-6mm，直径为 8mm-9mm。重量：绳子质量通常在 140g-235g。材质：绳和柄应采用无毒、环保、适宜的材料制成，符合 GB 6675 相关要求。性能：绳与柄连接应滚动流畅，长度调节方便，并有绳的锁紧装置。 | 根 |  | 10 | |  |
|  | 大体操垫 | | 200\*100\*10， AJD-T-003 | 块 |  | 10 | |  |
|  | 小体操垫 | | 100\*50\*5， AJD-T-003 | 块 |  | 30 | |  |
|  | 健身拉拉带 | | 符合GB/T 19851 | 根 |  | 30 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 80 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 50 | |  |
|  | 拨河绳 | | 符合GB/T 19851 | 根 |  | 2 | |  |
|  | 软式排球 | | 符合GB/T 19851 | 个 |  | 20 | |  |
| T3021 | 短绳 | | 250—280cm | 根 |  | 40 | |  |
|  | 秒 表 | | 符合GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范。 | 块 |  | 6 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 80 | |  |
|  | 长跳绳 | | 符合 GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 8mm，直径为 9mm。柄长 170mm，直径 33mm。重量：绳子质量不小于 745g，两个手柄质量不小于 160g。材质：所有材质应无毒、环保。跳绳的易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。绳体应柔软，韧性好，色彩鲜艳。性能：绳与柄的连接应滚动流畅，绳的长度方便调节，且有锁紧绳装置，确保使用过程中不会轻易改变长度。 | 根 |  | 30 | |  |
|  | 拔河绳 | | 符合DB51/T 1015-2010《中小学体育器材 拔河绳》等相关标准，小学用拔河绳直径为 28-35mm，中学用为 30-38mm，一般在 25m 以上。 | 根 |  | 2 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 40 | |  |
|  | 电子坐位体前屈 | | 量程:-20-35㎝ 分度值:0.1㎝ 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 1 | |  |
|  | 《国家学生体质健康标准》解读本 | | 人民教育出版社出 | 本 |  | 1 | |  |
|  | 合计（元） | | | | | | |  |
| **保平小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0402 | 室外乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  | 2 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 10 | |  |
|  | 哨子 | | 符合GB/T 19851 | 只 |  | 10 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 100 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 100 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 50 | |  |
|  | 长跳绳 | | 符合 GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 8mm，直径为 9mm。柄长 170mm，直径 33mm。重量：绳子质量不小于 745g，两个手柄质量不小于 160g。材质：所有材质应无毒、环保。跳绳的易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。绳体应柔软，韧性好，色彩鲜艳。性能：绳与柄的连接应滚动流畅，绳的长度方便调节，且有锁紧绳装置，确保使用过程中不会轻易改变长度。 | 根 |  | 50 | |  |
|  | 拔河绳 | | 符合DB51/T 1015-2010《中小学体育器材 拔河绳》等相关标准，小学用拔河绳直径为 28-35mm，中学用为 30-38mm，一般在 25m 以上。 | 根 |  | 1 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 10 | |  |
| 合计（元） | | | | | | | |  |
| **乌烈镇学校小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 30 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 30 | |  |
| T0402 | 乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  | 2 | |  |
| T1020 | 跳高架 | | 方体铸铁底座，铝合金，5\*5方管，升降高度为2米到2.5米， AJD-TJ-013 | 付 |  | 1 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 1 | |  |
| T1080 | 起跑器 | | 89型 | 付 |  | 5 | |  |
| T1090 | 发令枪 | | 两发， AJD-TJ-037 | 支 |  | 1 | |  |
| T2480 | 小皮球 | | 符合GB/T 19851 | 个 |  | 15 | |  |
| T3021 | 短绳 | | 符合GB/T 19851.20-2007 标准，长度：2600mm-2800mm。直径：6mm-7mm。质量：绳子质量 60g-80g。手柄：长度 140mm-170mm，直径26mm-33mm，两个手柄质量 70g-90g。 | 根 |  | 30 | |  |
| T3031 | 长绳 | | 符合GB/T 19851《中小学体育器材和场地》相关标准。规格尺寸：长度一般为 4mm-6mm，直径为 8mm-9mm。重量：绳子质量通常在 140g-235g。材质：绳和柄应采用无毒、环保、适宜的材料制成，符合 GB 6675 相关要求。性能：绳与柄连接应滚动流畅，长度调节方便，并有绳的锁紧装置。 | 根 |  | 9 | |  |
| T8031 | 投掷靶 | | 符合GB/T 19851 | 只 |  | 2 | |  |
|  | 摸高架 | | 符合GB/T 19851 | 副 |  | 2 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 100 | |  |
|  | 各类球网 | | 易耗品器材，应经常添置，保证常量 | 张 |  | 4 | |  |
|  | 拨河绳 | | 符合GB/T 19851 | 根 |  | 2 | |  |
|  | 皮 尺 | | GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范，材质：带体采用玻璃纤维或涤纶纤维编织，表面涂覆 PVC（聚氯乙烯）保护层，具备耐磨、耐弯折、防水性能，不易因拉扯或潮湿变形。宽度：带体宽度一般为 10-15mm，既保证柔韧性，又便于读数，适配学生操作能力和教学场景特点。长度为50米。 | 卷 |  | 2 | |  |
|  | 羽毛球网、架 | | 外表面一般采用静电粉末喷塑工艺，涂饰层附着力应达到一级，硬度达到 2H，有一定耐冲击性能，表面无皱纹、漏喷、起泡、脱皮及明显划痕等缺陷。各部件焊接应严密牢固，不应有漏焊、虚焊、裂纹等问题。铸铁移动式，底座外形尺寸约为 600×430×100 毫米，柱高 1.55 米，采用直径 42 毫米的钢管，壁厚不低于 3 毫米,ABS外壳，铸铁配重，柱体喷塑，直径42毫米，总重量为50公斤.羽毛球网:网长 6.10 米，宽 76 厘米。网孔为方形，边长在 15-20 毫米之间。网的上沿应缝有 75 毫米宽的双层白布，并用细钢丝绳或尼龙绳从夹层穿过，用于固定在网柱上,网柱高度为 1.55 米，球网中部上沿距地面高度为 1.524 米，两端高度为 1.55 米。由优质深色的天然或人造纤维制成. | 付 |  | 2 | |  |
|  | 电子体重计 | | 量程：0-150㎏，分度值：0.1㎏ 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 电子肺活量计 | | 量程：100-9999mL 分度值:1mL 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 电子握力计 | | 量程：5-100㎏f 分度值:0.1㎏f 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 1 | |  |
|  | 电子坐位体前屈 | | 量程:-20-35㎝ 分度值:0.1㎝ 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 1 | |  |
|  | 电子仰卧起坐测试仪 | | 测量范围:0-99(一分钟) 分度值:1次 误差:±0.1 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 吹 嘴 | | 肺活量专用、塑料 | 个 |  | 1496 | |  |
|  | 合计（元） | | | | | | |  |
| **乌烈镇学校初中体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0100 | 足球 | | 符合GB/T 19851 | 个 |  | 20 | |  |
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 20 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 30 | |  |
| T0402 | 室外乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  | 3 | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 24 | |  |
| T1020 | 跳高架 | | 方体铸铁底座，铝合金，5\*5方管，升降高度为2米到2.5米， AJD-TJ-013 | 付 |  | 1 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 10 | |  |
| T1080 | 起跑器 | | 89型 | 付 |  | 4 | |  |
| T1100 | 铅球 | | 3kg | 个 |  | 3 | |  |
| T1101 | 铅球 | | 4kg | 个 |  | 2 | |  |
| T1102 | 铅球 | | 5kg | 个 |  | 3 | |  |
| T1140 | 标志杆(筒) | | 玻璃钢，长度是1.2米，直径10毫米 | 根 |  | 16 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 20 | |  |
|  | 健身拉拉带 | | 符合GB/T 19851 | 根 |  | 40 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 50 | |  |
|  | 体质健康标准测试仪器 | | 符合GB/T 19851 | 套 |  | 1 | |  |
|  | 排球架 | | 移动式，外管直径89毫米，喷塑，内芯直径76毫米。可升降。AJD-006 | 付 |  |  | |  |
| T3021 | 短绳 | | 250—280cm | 根 |  | 100 | |  |
|  | 跳高横竿 | | 铝合金，长度为4米 | 根 |  | 3 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 25 | |  |
|  | 《国家学生体质健康标准》解读本 | | 人民教育出版社出 | 本 |  | 5 | |  |
|  | 合计（元） | | | | | | |  |
| **峨港学校小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 10 | |  |
| T0402 | 乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行（室外乒乓球台） | 张 |  | 2 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 30 | |  |
| T2190 | 板羽球拍 | | 符合GB/T 19851 | 付 |  | 2 | |  |
| T2220 | 毽球 | | 符合GB/T 19851 | 个 |  | 1 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 40 | |  |
| T8021 | 小沙包 | | 符合GB/T 19851 | 只 |  | 20 | |  |
|  | 小体操垫 | | 100\*50\*5， AJD-T-003 | 块 |  | 20 | |  |
|  | 少年篮球 | | 适合使用 4 号球，周长为 65-67 厘米，重量 370-410 克，便于孩子抓握，适合篮球启蒙。 | 个 |  | 20 | |  |
|  | 多功能圈 | | 圈直径50-80cm，重量 500g 以内 | 个 |  | 12 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 20 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 20 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 70 | |  |
|  | 长跳绳 | | 符合 GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 8mm，直径为 9mm。柄长 170mm，直径 33mm。重量：绳子质量不小于 745g，两个手柄质量不小于 160g。材质：所有材质应无毒、环保。跳绳的易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。绳体应柔软，韧性好，色彩鲜艳。性能：绳与柄的连接应滚动流畅，绳的长度方便调节，且有锁紧绳装置，确保使用过程中不会轻易改变长度。 | 根 |  | 10 | |  |
| 合计（元） | | | | | | | |  |
| **峨港学校初中体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0100 | 足球 | | 符合GB/T 19851 | 个 |  | 20 | |  |
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 5 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 10 | |  |
| T0402 | 室外乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  | 2 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 30 | |  |
|  | 毽球 | | 符合GB/T 19851 | 个 |  | 3 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 40 | |  |
| T3031 | 长绳 | | 符合GB/T 19851《中小学体育器材和场地》相关标准。规格尺寸：长度一般为 4mm-6mm，直径为 8mm-9mm。重量：绳子质量通常在 140g-235g。材质：绳和柄应采用无毒、环保、适宜的材料制成，符合 GB 6675 相关要求。性能：绳与柄连接应滚动流畅，长度调节方便，并有绳的锁紧装置。 | 根 |  | 12 | |  |
|  | 小体操垫 | | 100\*50\*5， AJD-T-003 | 块 |  | 20 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 10 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 10 | |  |
|  | 软式排球 | | 符合GB/T 19851 | 个 |  | 5 | |  |
| T0040 | 飞镖 | | 符合GB/T 19851 | 套 |  | 4 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 10 | |  |
|  | 长跳绳 | | 符合 GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 8mm，直径为 9mm。柄长 170mm，直径 33mm。重量：绳子质量不小于 745g，两个手柄质量不小于 160g。材质：所有材质应无毒、环保。跳绳的易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。绳体应柔软，韧性好，色彩鲜艳。性能：绳与柄的连接应滚动流畅，绳的长度方便调节，且有锁紧绳装置，确保使用过程中不会轻易改变长度。 | 根 |  | 2 | |  |
|  | 合计（元） | | | | | | |  |
| **海尾中心校小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 50 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 50 | |  |
| T0402 | 室外乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  | 5 | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 45 | |  |
| T1020 | 跳高架 | | 方体铸铁底座，铝合金，5\*5方管，升降高度为2米到2.5米， AJD-TJ-013 | 付 |  | 2 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 5 | |  |
| T1080 | 起跑器 | | 89型 | 付 |  | 5 | |  |
| T1090 | 发令枪 | | 两发， AJD-TJ-037 | 支 |  | 5 | |  |
| T1140 | 标志杆(筒) | | 玻璃钢，长度是1.2米，直径10毫米 | 根 |  | 50 | |  |
| T1310 | 助跳板 | | 50\*80公分， AJD-TC-020 | 个 |  | 3 | |  |
| T2020 | 气筒 | | 符合GB/T 19851 | 把 |  | 2 | |  |
| T2081-1 | 少年足球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。 | 个 |  | 25 | |  |
| T2121 | 小篮球架 | | 符合GB/T 19851 | 付 |  |  | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 30 | |  |
| T2220 | 毽球 | | 符合GB/T 19851 | 个 |  | 30 | |  |
| T2480 | 小皮球 | | 符合GB/T 19851 | 个 |  | 20 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 45 | |  |
| T3011 | 体操棒 | | GB/T 19851.2-2005《中小学体育器材和场地第 2 符合GB/T 19851.2-2005《中小学体育器材和场地第2部分：体操器材》标准，长度：常见规格有 80-90cm 和 100cm 两种。  直径：一般为 3cm。  材质1：通常采用木质或塑料制成。重量7：未明确统一标准，但一般不会过重，以便学生握持和操作，常见的体操棒重量在几百克左右，具体因材质和尺寸而异。 | 根 |  | 40 | |  |
| T3021 | 短绳 | | 符合GB/T 19851.20-2007 标准，长度：2600mm-2800mm。直径：6mm-7mm。质量：绳子质量 60g-80g。手柄：长度 140mm-170mm，直径26mm-33mm，两个手柄质量 70g-90g。 | 根 |  | 100 | |  |
| T3031 | 长绳 | | 符合GB/T 19851《中小学体育器材和场地》相关标准。规格尺寸：长度一般为 4mm-6mm，直径为 8mm-9mm。重量：绳子质量通常在 140g-235g。材质：绳和柄应采用无毒、环保、适宜的材料制成，符合 GB 6675 相关要求。性能：绳与柄连接应滚动流畅，长度调节方便，并有绳的锁紧装置。 | 根 |  | 10 | |  |
|  | 摸高架 | | 符合GB/T 19851 | 副 |  | 2 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 60 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 52 | |  |
|  | 秒 表 | | 符合GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范。 | 块 |  | 5 | |  |
|  | 电子体重计 | | 量程：0-150㎏，分度值：0.1㎏ 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 2 | |  |
|  | 电子坐位体前屈 | | 量程:-20-35㎝ 分度值:0.1㎝ 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 2 | |  |
|  | 电子仰卧起坐测试仪 | | 测量范围:0-99(一分钟) 分度值:1次 误差:±0.1 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 2 | |  |
| 合计（元） | | | | | | | |  |
| **海尾中学初中体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 22 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 1 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 30 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 50 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 44 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 50 | |  |
|  | 电子体重计 | | 量程：0-150㎏，分度值：0.1㎏ 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 合计（元） | | | | | | |  |
| **昌化中心校小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 2 | |  |
| T2051 | 少年排球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。或4号 | 个 |  | 12 | |  |
| T2081-1 | 少年足球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。 | 个 |  | 15 | |  |
| T2121 | 小篮球架 | | 符合GB/T 19851 | 付 |  |  | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 30 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 30 | |  |
| T3021 | 短绳 | | 符合GB/T 19851.20-2007 标准，长度：2600mm-2800mm。直径：6mm-7mm。质量：绳子质量 60g-80g。手柄：长度 140mm-170mm，直径26mm-33mm，两个手柄质量 70g-90g。 | 根 |  | 30 | |  |
|  | 大体操垫 | | 200\*100\*10， AJD-T-003 | 块 |  | 6 | |  |
|  | 小体操垫 | | 100\*50\*5， AJD-T-003 | 块 |  | 10 | |  |
|  | 哨子 | | 符合GB/T 19851 | 只 |  | 4 | |  |
|  | 小足球门 | | 符合GB/T 19851 | 副 |  | 2 | |  |
|  | 体质健康标准测试仪器 | | 符合GB/T 19851 | 套 |  | 1 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 30 | |  |
|  | 电子肺活量计 | | 量程：100-9999mL 分度值:1mL 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 2 | |  |
|  | 电子握力计 | | 量程：5-100㎏f 分度值:0.1㎏f 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 2 | |  |
|  | 电子坐位体前屈 | | 量程:-20-35㎝ 分度值:0.1㎝ 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 2 | |  |
| 合计（元） | | | | | | | |  |
| **叉河中心校小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T1020 | 跳高架 | | 方体铸铁底座，铝合金，5\*5方管，升降高度为2米到2.5米， AJD-TJ-013 | 付 |  | 1 | |  |
| T1031 | 栏架 | | 升降，最低40cm | 付 |  | 2 | |  |
| T1090 | 发令枪 | | 两发， AJD-TJ-037 | 支 |  | 1 | |  |
| T1310 | 助跳板 | | 50\*80公分， AJD-TC-020 | 个 |  | 1 | |  |
| T2020 | 气筒 | | 符合GB/T 19851 | 把 |  | 1 | |  |
| T2081-1 | 少年足球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。 | 个 |  | 15 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 20 | |  |
| T2480 | 小皮球 | | 符合GB/T 19851 | 个 |  | 15 | |  |
| T3050 | 低单杠 | | 高1.8米，杠面直径28毫米，宽2.4米，外表喷塑， AJD-TC-010 | 付 |  | 1 | |  |
| T3061 | 低双杠 | | 符合GB/T 19851 | 付 |  | 1 | |  |
|  | 横竿 | | 常为竹制，也有玻璃纤维等其他材质，要求表面光滑，有一定韧性和强度。材质4：常为竹制，也有玻璃纤维等其他材质，要求表面光滑，有一定韧性和强度。长度：通常要求长度不小于 4mm。直径：竹制横杆直径一般不小于 40mm。高度2：小学阶段横竿可升降，最低一般为 70cm；初中阶段横竿高度通常在 2.5m-2.8m； | 根 |  | 2 | |  |
|  | 大体操垫 | | 200\*100\*10， AJD-T-003 | 块 |  | 30 | |  |
|  | 小体操垫 | | 100\*50\*5， AJD-T-003 | 块 |  | 30 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 20 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 20 | |  |
|  | 跨栏架 | | 4\*4方管，外表喷塑，可升降，带配重，AJD-TJ-002 | 付 |  | 10 | |  |
|  | 跳高横竿 | | 铝合金，长度为4米 | 根 |  | 2 | |  |
|  | 山 羊 | | 外表为仿皮革，50\*30\*28，铁腿，喷塑，可升降， AJD-TC-028 | 台 |  | 2 | |  |
|  | 跳 箱 | | 长1.1米，高1.05米，上宽32公分，下宽64公分， AJD-TC-017 | 付 |  | 1 | |  |
|  | 垒 球 | | 10寸 | 个 |  | 30 | |  |
|  | 铅 球 | | 5㎏、6㎏各12个 | ㎏ |  | 55 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 100 | |  |
|  | 长跳绳 | | 符合 GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 8mm，直径为 9mm。柄长 170mm，直径 33mm。重量：绳子质量不小于 745g，两个手柄质量不小于 160g。材质：所有材质应无毒、环保。跳绳的易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。绳体应柔软，韧性好，色彩鲜艳。性能：绳与柄的连接应滚动流畅，绳的长度方便调节，且有锁紧绳装置，确保使用过程中不会轻易改变长度。 | 根 |  | 28 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 20 | |  |
|  | 羽毛球网、架 | | 外表面一般采用静电粉末喷塑工艺，涂饰层附着力应达到一级，硬度达到 2H，有一定耐冲击性能，表面无皱纹、漏喷、起泡、脱皮及明显划痕等缺陷。各部件焊接应严密牢固，不应有漏焊、虚焊、裂纹等问题。铸铁移动式，底座外形尺寸约为 600×430×100 毫米，柱高 1.55 米，采用直径 42 毫米的钢管，壁厚不低于 3 毫米,ABS外壳，铸铁配重，柱体喷塑，直径42毫米，总重量为50公斤.羽毛球网:网长 6.10 米，宽 76 厘米。网孔为方形，边长在 15-20 毫米之间。网的上沿应缝有 75 毫米宽的双层白布，并用细钢丝绳或尼龙绳从夹层穿过，用于固定在网柱上,网柱高度为 1.55 米，球网中部上沿距地面高度为 1.524 米，两端高度为 1.55 米。由优质深色的天然或人造纤维制成. | 付 |  | 2 | |  |
|  | 电子体重计 | | 量程：0-150㎏，分度值：0.1㎏ 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 2 | |  |
|  | 电子肺活量计 | | 量程：100-9999mL 分度值:1mL 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 2 | |  |
|  | 电子握力计 | | 量程：5-100㎏f 分度值:0.1㎏f 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 2 | |  |
|  | 电子坐位体前屈 | | 量程:-20-35㎝ 分度值:0.1㎝ 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 1 | |  |
|  | 电子仰卧起坐测试仪 | | 测量范围:0-99(一分钟) 分度值:1次 误差:±0.1 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 2 | |  |
|  | 吹 嘴 | | 肺活量专用、塑料 | 个 |  | 1 | |  |
| 合计（元） | | | | | | | |  |
| **霸王岭学校小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 50 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 20 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 30 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 50 | |  |
|  | 哨子 | | 符合GB/T 19851 | 只 |  | 5 | |  |
|  | 摸高架 | | 符合GB/T 19851 | 副 |  | 2 | |  |
|  | 健身拉拉带 | | 符合GB/T 19851 | 根 |  | 10 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 50 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 50 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 100 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 70 | |  |
| 合计（元） | | | | | | | |  |
| **霸王岭学校初中体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 50 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 20 | |  |
| T1140 | 标志杆(筒) | | 玻璃钢，长度是1.2米，直径10毫米 | 根 |  | 30 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 50 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 50 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 30 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 50 | |  |
| T3021 | 短绳 | | 250—280cm | 根 |  | 50 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 70 | |  |
|  | 合计（元） | | | | | | |  |
| **七叉中心校小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 23 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 20 | |  |
| T0402 | 室外乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  | 2 | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 5 | |  |
| T1020 | 跳高架 | | 方体铸铁底座，铝合金，5\*5方管，升降高度为2米到2.5米， AJD-TJ-013 | 付 |  | 1 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 2 | |  |
| T1090 | 发令枪 | | 两发， AJD-TJ-037 | 支 |  | 1 | |  |
| T1140 | 标志杆(筒) | | 玻璃钢，长度是1.2米，直径10毫米 | 根 |  | 2 | |  |
| T1310 | 助跳板 | | 50\*80公分， AJD-TC-020 | 个 |  | 1 | |  |
| T2020 | 气筒 | | 符合GB/T 19851 | 把 |  | 1 | |  |
| T2081-1 | 少年足球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。 | 个 |  | 15 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 30 | |  |
| T2480 | 小皮球 | | 符合GB/T 19851 | 个 |  | 15 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 40 | |  |
| T3021 | 短绳 | | 符合GB/T 19851.20-2007 标准，长度：2600mm-2800mm。直径：6mm-7mm。质量：绳子质量 60g-80g。手柄：长度 140mm-170mm，直径26mm-33mm，两个手柄质量 70g-90g。 | 根 |  | 30 | |  |
|  | 少年篮球 | | 适合使用 4 号球，周长为 65-67 厘米，重量 370-410 克，便于孩子抓握，适合篮球启蒙。 | 个 |  | 20 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 50 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 50 | |  |
|  | 各类球网 | | 易耗品器材，应经常添置，保证常量 | 张 |  | 10 | |  |
| T1061 | 皮尺 | | 20m，30m或50m | 条 |  | 1 | |  |
|  | 秒 表 | | 符合GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范。 | 块 |  | 2 | |  |
|  | 跳高横竿 | | 铝合金，长度为4米 | 根 |  | 2 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 70 | |  |
|  | 拔河绳 | | 符合DB51/T 1015-2010《中小学体育器材 拔河绳》等相关标准，小学用拔河绳直径为 28-35mm，中学用为 30-38mm，一般在 25m 以上。 | 根 |  | 1 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 30 | |  |
|  | 电子体重计 | | 量程：0-150㎏，分度值：0.1㎏ 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 电子肺活量计 | | 量程：100-9999mL 分度值:1mL 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 电子握力计 | | 量程：5-100㎏f 分度值:0.1㎏f 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 1 | |  |
|  | 电子坐位体前屈 | | 量程:-20-35㎝ 分度值:0.1㎝ 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 1 | |  |
|  | 电子仰卧起坐测试仪 | | 测量范围:0-99(一分钟) 分度值:1次 误差:±0.1 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 吹 嘴 | | 肺活量专用、塑料 | 个 |  | 403 | |  |
| 总计（元） | | | | | | | |  |
| **王下学校小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 15 | |  |
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 10 | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 1 | |  |
| T1031 | 栏架 | | 升降，最低40cm | 付 |  | 4 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 1 | |  |
| T1080 | 起跑器 | | 89型 | 付 |  | 2 | |  |
| T1090 | 发令枪 | | 两发， AJD-TJ-037 | 支 |  | 1 | |  |
| T1100 | 铅球 | | 3kg | 个 |  | 1 | |  |
| T1140 | 标志杆(筒) | | 玻璃钢，长度是1.2米，直径10毫米 | 根 |  | 4 | |  |
| T2020 | 气筒 | | 符合GB/T 19851 | 把 |  | 1 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 20 | |  |
| T2220 | 毽球 | | 符合GB/T 19851 | 个 |  | 15 | |  |
| T3021 | 短绳 | | 符合GB/T 19851.20-2007 标准，长度：2600mm-2800mm。直径：6mm-7mm。质量：绳子质量 60g-80g。手柄：长度 140mm-170mm，直径26mm-33mm，两个手柄质量 70g-90g。 | 根 |  | 30 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 15 | |  |
| T0040 | 飞镖 | | 符合GB/T 19851 | 套 |  | 4 | |  |
| T0050 | 飞盘 | | 符合GB/T 19851 | 只 |  | 8 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 25 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 10 | |  |
| 总计（元） | | | | | | | |  |
| **第二小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 8 | |  |
| T1020 | 跳高架 | | 方体铸铁底座，铝合金，5\*5方管，升降高度为2米到2.5米， AJD-TJ-013 | 付 |  | 1 | |  |
| T0402 | 室外乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  | 1 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 2 | |  |
| T1071 | 实心球 | | 1kg D=15cm | 个 |  | 40 | |  |
| T1080 | 起跑器 | | 89型 | 付 |  | 4 | |  |
| T1310 | 助跳板 | | 50\*80公分， AJD-TC-020 | 个 |  | 1 | |  |
| T2020 | 气筒 | | 符合GB/T 19851 | 把 |  | 1 | |  |
| T2081-1 | 少年足球 | | 符合GB/T 22892-2008 相关标准，常见为 3 号球。 | 个 |  | 17 | |  |
| T2180 | 羽毛球拍 | | 符合GB/T 19851.9-2005《中小学体育器材和场地第 9 部分：羽毛球拍》标准 | 付 |  | 30 | |  |
| T2480 | 小皮球 | | 符合GB/T 19851 | 个 |  | 15 | |  |
| T2531 | 垒球 | | 10in | 个 |  | 30 | |  |
| T3021 | 短绳 | | 符合GB/T 19851.20-2007 标准，长度：2600mm-2800mm。直径：6mm-7mm。质量：绳子质量 60g-80g。手柄：长度 140mm-170mm，直径26mm-33mm，两个手柄质量 70g-90g。 | 根 |  | 30 | |  |
| T8031 | 投掷靶 | | 符合GB/T 19851 | 只 |  | 2 | |  |
|  | 哨子 | | 符合GB/T 19851 | 只 |  | 4 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 30 | |  |
|  | 羽毛球 | | 羽毛数量与长度：固定为 16 根羽毛，长度均匀（64-70 毫米），排列对称。 | 筒 |  | 50 | |  |
|  | 各类球网 | | 易耗品器材，应经常添置，保证常量 | 张 |  |  | |  |
|  | 拨河绳 | | 符合GB/T 19851 | 根 |  | 1 | |  |
| T1061 | 皮尺 | | 20m，30m或50m | 条 |  | 2 | |  |
| T1071 | 实心球 | | 1kg D=15cm,2kg D=20cm | 个 |  | 30 | |  |
|  | 垒 球 | | 10寸 | 个 |  | 30 | |  |
|  | 皮 尺 | | GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范，材质：带体采用玻璃纤维或涤纶纤维编织，表面涂覆 PVC（聚氯乙烯）保护层，具备耐磨、耐弯折、防水性能，不易因拉扯或潮湿变形。宽度：带体宽度一般为 10-15mm，既保证柔韧性，又便于读数，适配学生操作能力和教学场景特点。长度为50米。 | 卷 |  | 2 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 100 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 30 | |  |
|  | 羽毛球网、架 | | 外表面一般采用静电粉末喷塑工艺，涂饰层附着力应达到一级，硬度达到 2H，有一定耐冲击性能，表面无皱纹、漏喷、起泡、脱皮及明显划痕等缺陷。各部件焊接应严密牢固，不应有漏焊、虚焊、裂纹等问题。铸铁移动式，底座外形尺寸约为 600×430×100 毫米，柱高 1.55 米，采用直径 42 毫米的钢管，壁厚不低于 3 毫米,ABS外壳，铸铁配重，柱体喷塑，直径42毫米，总重量为50公斤.羽毛球网:网长 6.10 米，宽 76 厘米。网孔为方形，边长在 15-20 毫米之间。网的上沿应缝有 75 毫米宽的双层白布，并用细钢丝绳或尼龙绳从夹层穿过，用于固定在网柱上,网柱高度为 1.55 米，球网中部上沿距地面高度为 1.524 米，两端高度为 1.55 米。由优质深色的天然或人造纤维制成. | 付 |  | 2 | |  |
|  | 电子肺活量计 | | 量程：100-9999mL 分度值:1mL 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 2 | |  |
|  | 电子握力计 | | 量程：5-100㎏f 分度值:0.1㎏f 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 2 | |  |
|  | 电子坐位体前屈 | | 量程:-20-35㎝ 分度值:0.1㎝ 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 2 | |  |
|  | 电子仰卧起坐测试仪 | | 测量范围:0-99(一分钟) 分度值:1次 误差:±0.1 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 2 | |  |
|  | 吹 嘴 | | 肺活量专用、塑料 | 个 |  | 1 | |  |
| 总计（元） | | | | | | | |  |
| **红田学校小学体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0401 | 乒乓球拍 | | GB/T 23115-2008《中小学体育器材和场地 — 乒乓球拍》标准。 | 付 |  | 30 | |  |
| T0402 | 室外乒乓球台 | | 符合GB/T 19851.7-2005《中小学体育器材和场地标准 — 乒乓球桌》等标准执行 | 张 |  | 5 | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 4 | |  |
| T1090 | 发令枪 | | 两发， AJD-TJ-037 | 支 |  | 1 | |  |
| T1140 | 标志杆(筒) | | 玻璃钢，长度是1.2米，直径10毫米 | 根 |  | 8 | |  |
| T2020 | 气筒 | | 符合GB/T 19851 | 把 |  | 2 | |  |
| T2220 | 毽球 | | 符合GB/T 19851 | 个 |  | 20 | |  |
| T2480 | 小皮球 | | 符合GB/T 19851 | 个 |  | 30 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 10 | |  |
| T3021 | 短绳 | | 符合GB/T 19851.20-2007 标准，长度：2600mm-2800mm。直径：6mm-7mm。质量：绳子质量 60g-80g。手柄：长度 140mm-170mm，直径26mm-33mm，两个手柄质量 70g-90g。 | 根 |  | 30 | |  |
|  | 大体操垫 | | 200\*100\*10， AJD-T-003 | 块 |  | 4 | |  |
|  | 哨子 | | 符合GB/T 19851 | 只 |  | 4 | |  |
|  | 乒乓球 | | 符合GB/T 43984—2024《乒乓球课程学生运动能力测评规范》等相关标准。 | 筒 |  | 50 | |  |
|  | 拨河绳 | | 符合GB/T 19851 | 根 |  | 1 | |  |
|  | 秒 表 | | 符合GB/T 19851.12-2007《中小学体育器材和场地 第 12 部分：计时及计量仪器》及相关计量规范。 | 块 |  | 15 | |  |
|  | 平 梯 | | 立柱直径60毫米，高3.5米，间距1米，横杠直径32毫米 AJD-TC-013 | 架 |  | 1 | |  |
|  | 短跳绳 | | 符合GB/T 19851.3-2007《中小学体育器材和场地标准 — 跳绳》。规格尺寸：长度一般为 2600mm-3mm，直径为 5mm-7mm。柄长 140mm-198mm，直径26mm-33mm。220-250公分。绳子质量约为 60g-120g，两个手柄质量约为 70g-160g。材质：所有材质应无毒、环保，绳柔软，韧性好，色彩鲜艳。易接触地面的中间部分应采用耐磨材料，如橡胶等进行保护。 | 根 |  | 100 | |  |
|  | 拔河绳 | | 符合DB51/T 1015-2010《中小学体育器材 拔河绳》等相关标准，小学用拔河绳直径为 28-35mm，中学用为 30-38mm，一般在 25m 以上。 | 根 |  | 1 | |  |
|  | 足 球 | | 小学通常使用 3 号球，圆周为 535-560mm。中学用5 号，足球重量一般在 410-450g。 | 只 |  | 15 | |  |
| 总计（元） | | | | | | | |  |
| **红田学校初中体育** | | | | | | | | |
| **编号** | **名称** | | **规格** | **单位** |  | **选购数量** | |  |
|
| T0100 | 足球 | | 符合GB/T 19851 | 个 |  | 20 | |  |
| T0300 | 排球 | | 符合依据 GB/T 19851.5-2005《中小学体育器材和场地 第 5 部分：排球》和 GB/T 19851.6-2005《中小学体育器材和场地 第 6 部分：软式排球》等相关标准 | 只 |  | 30 | |  |
| T1010 | 接力棒 | | 铝合金，长30公分，直径30毫米，AJD-TJ-027 | 支 |  | 4 | |  |
| T1020 | 跳高架 | | 方体铸铁底座，铝合金，5\*5方管，升降高度为2米到2.5米， AJD-TJ-013 | 付 |  | 2 | |  |
| T1040 | 秒表 | | 符合GB/T 19851 | 块 |  | 5 | |  |
| T1090 | 发令枪 | | 两发， AJD-TJ-037 | 支 |  | 1 | |  |
| T1131 | 钉鞋 | | 符合GB/T 19851 | 双 |  | 10 | |  |
| T2220 | 毽球 | | 符合GB/T 19851 | 个 |  | 20 | |  |
| T2541 | 篮球 | | 重量约 470-500 克5 号球：周长为 69-71 厘米，重量约 470-500 克。 | 只 |  | 30 | |  |
|  | 小体操垫 | | 100\*50\*5， AJD-T-003 | 块 |  | 10 | |  |
|  | 各类球网 | | 易耗品器材，应经常添置，保证常量 | 张 |  | 6 | |  |
|  | 跳高横竿 | | 铝合金，长度为4米 | 根 |  | 3 | |  |
|  | 拔河绳 | | 符合DB51/T 1015-2010《中小学体育器材 拔河绳》等相关标准，小学用拔河绳直径为 28-35mm，中学用为 30-38mm，一般在 25m 以上。 | 根 |  | 1 | |  |
|  | 羽毛球网、架 | | 外表面一般采用静电粉末喷塑工艺，涂饰层附着力应达到一级，硬度达到 2H，有一定耐冲击性能，表面无皱纹、漏喷、起泡、脱皮及明显划痕等缺陷。各部件焊接应严密牢固，不应有漏焊、虚焊、裂纹等问题。铸铁移动式，底座外形尺寸约为 600×430×100 毫米，柱高 1.55 米，采用直径 42 毫米的钢管，壁厚不低于 3 毫米,ABS外壳，铸铁配重，柱体喷塑，直径42毫米，总重量为50公斤.羽毛球网:网长 6.10 米，宽 76 厘米。网孔为方形，边长在 15-20 毫米之间。网的上沿应缝有 75 毫米宽的双层白布，并用细钢丝绳或尼龙绳从夹层穿过，用于固定在网柱上,网柱高度为 1.55 米，球网中部上沿距地面高度为 1.524 米，两端高度为 1.55 米。由优质深色的天然或人造纤维制成. | 付 |  | 2 | |  |
|  | 电子体重计 | | 量程：0-150㎏，分度值：0.1㎏ 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 电子肺活量计 | | 量程：100-9999mL 分度值:1mL 产品标准:GB/T 19851.122005，ST-919 | 台 |  | 1 | |  |
|  | 电子握力计 | | 量程：5-100㎏f 分度值:0.1㎏f 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 1 | |  |
|  | 电子坐位体前屈 | | 量程:-20-35㎝ 分度值:0.1㎝ 产品标准:GB/T 19851.122005， ST-919 | 台 |  | 1 | |  |
|  | 吹 嘴 | | 肺活量专用、塑料 | 个 |  | 130 | |  |
|  | 总金额合计（元） | | | | | | |  |

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| **乌烈镇学校、海尾中心校和叉河中心校心理咨询室设备各一套** | | | | | | | | | | | | | | | | | | | |  | | | | |
| **编号** | | **名称** | | **规格型号功能** | | | **单位** | | | **数量** | | | |  | | | | |  |  | | | | | |
| **一、测评区** | | | | | | | | | | | | | | | | | | | |  | | | | |
| 1 | | 单机版测评软件 | | 1. 功能要求 1.系统设置：更换皮肤功能，十二套颜色，用户可随意选择，用户可以根据需求自主更换logo、软件名称、倒计时提示和测评选项时间。 2.量表管理：专业量表多个常用量表，包含心理卫生综合评定、行为、气质、抑郁、焦虑、自闭、孤独、自杀倾向、人际关系、社交、精神障碍、自我意识、生活事件、幸福感、家庭环境等，可根据需求定制特殊量表及指定量表的更新；支持自定义量表的导入；图文并茂的分析报告，满足心理工作者专业需求。 3.危机预警管理：该系统可以发布红色、橙色、黄色三级警情监测信号；预警管理侧面研判用户心理健康信息，通过心理测评筛查第一时间触发因子预警和预警时间，咨询师可以在线查看测评报告以发送邮件的形式进行处理；根据普测活动可以进行一键打印团体预警信息。 4.全数据导出：全部测评量表报告、人员列表、原始分数、预警列表的导出，出具支持（即时、审阅、自定义，完全根据体检中心内部管理流程灵活匹配）报告结果的贮存、打印有多种选择，用户可根据自己需要，选择剖面图、数据、自动报告等各种报告形式，并能以WORD、PDF和EXCEL进行任选，可直接在当前系统界面进行文档操作。 5.测试开始前会根据测试量表类别进行指导语倒计时时长计时，确定测试者明确测试内容，点击开始会再次出现指导语认真阅读提示选项。 6.为避免恶意测试，测试过程如出现答题过快，明显超过看题速度，系统会弹出答题过快认真作答警示框。 7.心理智库：包含心理百科、心理咨询和心理阅读三大模块，提供心理科普知识；心情记录功能，带有治愈作用的心情记录图鉴。 8.心理资源库：整体包含多个大模块，分为心理科普、心理阅读、心理图库、趣味测试、心语心声、辅导案例）、放松减压。 9.对不同的心理问题，提供有针对性的个性化的干预方案多个以上。 10.课堂记录：提供心理课程课堂记录表，方便负责进一步组织心理健康课程的教研及管理工作。 11.行为记录：通过线下访谈面询记录每一位用户的心理健康状态。   12.量表组功能：可以分别绑定自定义单位的组织结构，测试适合量表，简化后续的重复操作，方便管理者更好的管理机构量表，无限制机构框架建设功能。 13.团体数据统计：可根据测试单位的组织结构、量表名称选择、测试时间段查询团体测试报告；团体报告可支持样本分析与统计，自成生成心理健康水平差异显著性对比分析报表（报表内容包含样本数、均值、方差、P值、T值及单测检验与双测检验等国际公认权威数据）。 14.一键备份还原：产品需具备强大的数据备份功能。 15.机构管理：根据用户类型添加部门信息；维护所有的部门信息，可根据用户类型和部门信息进行查询。 | | | 套 | | | 3 | | | |  | | | | |  |  | | | | | |
| 2 | | 测评电脑 | | 1.为保证文件、浏览器网页、软件应用等多任务场景的流畅性，CPU采用Intel十三代 Core i7处理器或以上，主频≥2.4GHz 、≥10核处理器16线程，三级缓存≥24MB。 2.GPU处理单元数≥64个，最大频率≥1.5GHz。 3.内存：8G DDR4 3200MT/s 内存； 4.硬盘：硬盘：≥256G M.2 SSD硬盘，机械硬盘≥1TB。 5.具备独立显卡，显存≥2GB. 6.网络通信：为保证学生使用网络过程安全可控，提供双1M以太网卡。网口支持wake on LAN。  7.前置面板：USB3.0≥2个（USB 3.2 Gen1）；USB2.0≥2个；TypeC≥1个（支持USB 3.2 Gen1）；音频输入≥1个，音频输出≥1个。 8.≥2前置USB端口支持在关机状态下对外供电。（提供国家认证认可监督管理委员会认可的检测机构具有CMA或CNAS标志所出具的扫描件9.前置面板音频输出接口采用四段式接口，兼容单耳机输出和耳机、麦克风二合一。支持欧标/美标自动切换。（提供国家认证认可监督管理委员会认可的检测机构具有CMA或CNAS标志所出具的复印件） 10.后置面板：USB3.0≥2个（USB 3.2 Gen2）；USB2.0≥2个；HDMI输出≥1；VGA输出≥1；音频输入≥1；音频输出≥1；RJ45≥1。 11.内部插槽：PCIEX16≥1（支持拓展独立显卡）；PCIEX1≥1；M.2≥2；SATA≥2。 12.机箱体积：≤8L。 13.可通过物理按键实现系统一键还原。(提供第三方检测机构出具的有CMA或CNAS标识的检验（测）报告扫描件)。  14.搭配≥21.5英寸显示器；搭配同品牌键盘、鼠标。 软件系统： 1.登录方式多样性：支持账号/密码和手机微信扫码两种登录方式。用户首次登录时绑定微信 ID 与账号的对应关系，绑定后即可通过微信扫码登录，无需再次输入账号/密码。 2.终端关联设备：支持通过微信扫码进行设备与学校的设备管理系统的绑定，设置当前设备类型与归属用户。 3.设备详情：支持查看当前设备的硬件信息（包括 CPU、主板、显卡、硬盘、显示器、网卡、声卡）和系统信息（包括操作系统、系统激活状态、连接 ID、SN 、MAC 地址、内外网 IP）。 4.设备运行状态：支持查看当前设备的内存、CPU、硬盘、系统盘、网速的实时占用状态等信息。 5.整体描述：支持发送端设备使用发送端软件发送文件至接收端设备的接收端软件。 6.文件条件：支持一次发送多个文件；支持发送图片、视频、文档等类型的文件。 7.文件发送：支持从不同的文件夹拖动或选择文件至发送区；支持查看待发送的文件列表，文件选择错误时支持移除。（提供第三方检测机构出具的有CMA或CNAS标识的检验（测）报告扫描件。)  8.快捷发送区：支持拖动文件至发送区进行文件发送；支持显示或隐藏发送区。 9.离线暂存：支持一次发送文件给多个接收端设备；接收端设备离线时文件支 持暂存云端，等接收端设备在线后进行自动下载.（提供第三方检测机构出具的有**CMA**或**CNAS**标识的检验（测）报告扫描件。）10.其他：支持查看发送进度；支持上传失败的文件重试。 11.个性接收夹：支持在接收端设备上创建自己独立的文件接收夹，可个性化定义文件的名称与图标颜色；接收到新文件时，有提示新文件。（提供第三方检测机构出具的有CMA或CNAS标识的检验（测）报告扫描件。） 12.文件列表：支持接收端设备展示当前已接收的文件列表，包括文件名称、接收时间、接收状态等信息；对已下载的文件可直接打开，未下载或下载失败的文件可手动下载；支持查看单个文件下载进度与总进度。 13.自动下载：支持接收端设备在线状态下自动接收发送端设备发送的文件。 14.自动清理：支持自动清理超过 14 天的文件。 | | | 套 | | | 3 | | | |  | | | | |  |  | | | | | |
| 3 | | 打印机 | | 打印技术：激光打印 打印速度：黑色(A4普通):高达20页/分钟，黑色(A5，横向):34页/分钟 首页输出时间：黑色(A4，就绪):低于5秒 打印分辨率：黑色(优质):高达1,200x1,200dip;技术:RuCP 月打印负荷：高达10页A4，建议月打印量:100至 2需要提供证书：  1、提供有效的中国环境标志产品认证证书扫描件加盖公章。  ★2、提供有效的国家节能认证证书扫描件加盖公章。 | | | 台 | | | 3 | | | |  | | | | |  |  | | | | | |
| 4 | | 办公桌椅 | | 尺寸：1200mm（±3mm）\*600mm（±3mm）\*750mm（±3mm）,优质环保三聚氰胺板材防火耐磨饰面，钢脚管壁厚度1.5mm,表面经酸洗，磷化，静电喷塑处理，无缝接缝，采用线切割，热处理，底脚的高低可以调节。高档五金配件。  （提供以下证书：1、GB 18584-2001《室内装饰装修材料 木家具中有害物质限量》） | | | 套 | | | 3 | | | |  | | | | |  |  | | | | | |
| 5 | | 沙发茶几 | | 1、实木框架，密度海绵，面料采用高档棉麻，增加了面料的透气性与耐磨性;坐包与靠包可拆洗设计，温馨淡色（1）.沙发：长度：180~240cm，深度：75~95cm，高度：75~90cm（茶几）：长度 100~140cm，宽度 60~80cm，高度 42~45cm  2.（提供以下证书：1、GB 18584-2001《室内装饰装修材料 木家具中有害物质限量》） | | | 套 | | | 3 | | | |  | | | | |  |  | | | | | |
| 6 | | 智能AI投射反馈评估仪 | | 一、功能要求 1、系统须采用B/S架构，采用浏览器+服务端的模式，服务端支持安装在服务器或者个人PC电脑，安全性高，稳定性强，既可以在局域网、互联网上使用，也可以单机使用。 2、智能AI投射反馈评估系统由软件系统和实物工具箱两部分组成，集成OH卡、家庭格盘、意象火柴三种实用的心理咨询工具，提供真人教学视频及文字介绍，帮助心理工作者掌握3种咨询工具的使用技能，快速开展心理疏导工作。咨询师可以在系统内记录咨询过程，形成电子档案，提升工作效率。 3、智能AI投射反馈评估系统实物工具箱由一套OH卡（繁体版）、一套家庭格盘和一套意象火柴组成。OH卡套装：由多张图卡、多张字卡（中文繁体）、至少1张以上空白卡组成，卡片均有唯一编号，图卡尺寸符合要求，字卡尺寸为符合要求。家庭格盘：由两块有凹槽的的木质格板和多个木偶人组成，两块格板可拼接为边长符合需求的正方形，木偶人大小形状不同，颜色包含原木色和红、橙、黄、绿、蓝、紫、黑、白、灰共不少于9种。意象火柴：由多根负载价值观意象和至少1根可自定义意象的特制火柴组成，火柴可引燃，以触发来访者的丧失感；价值观元素包含爱情、地位、回忆、健康、金钱、快乐、亲情、权力、事业、责任、思想、信任、信仰、友谊、自由、尊重。 4、智能AI投射反馈评估系统可以通过咨询师账号、密码登录。 5、系统主要包括首页、评估报告、素材中心、系统设置四大功能模块。 6、系统首页：首页设置OH图卡、家庭格盘、意象火柴三种工具的轮播图，轮播图上展示每种工具的文字介绍和视频介绍，视频内提供每种工具的具体介绍包括心理学背景、使用规则、特点、使用方法和技术。每个轮播图提供查看更多按钮，可以查看详细的文字介绍和使用说明。系统首页提供三种工具的添加案例报告快捷跳转的卡片，方便咨询师快捷添加每种咨询工具的案例报告。 7、素材中心：素材中心提供电子版OH卡牌资源，内置图卡、字卡资源各多张，咨询师添加案例报告时可直接导入卡片资源；管理员可以根据自己使用系统的具体情况，新增或者编辑图卡、字卡资源信息。每张图卡、字卡都设置有唯一的编号，可以根据编号搜索需要的图卡或者字卡信息。 8、心理评估包含OH卡牌、家庭格盘、意象火柴评估三种评估工具。 9、OH卡牌评估报告须包含用户姓名、性别、年龄、联系电话、健康状况、文化程度、访谈时间、主诉以及个人陈诉、所抽图卡、视频记录、解卡联想、咨询小结等字段，咨询师在跟来访者进行心理咨询的过程中，可以通过使用不同主题的卡牌来和来访者探讨不同的议题，在评估报告中进行记录。 10、家庭格盘评估报告须包含用户姓名、性别、年龄、联系电话、健康状况、文化程度、访谈时间、主诉以及个人陈诉、摆盘呈现、视频记录、摆盘故事、咨询小结等内容。咨询师在跟来访者进行心理咨询的过程中引导来访者使用格盘，设置使用引导语引导来访者摆盘，依据议题设置玩法（英雄之旅、未来愿景、从现实到理想、关系中的进与退），来访者自行陈述格盘故事，咨询师在系统内进行记录。 11、意象火柴评估报告须包含用户姓名、性别、年龄、联系电话、健康状况、文化程度、访谈时间、主诉以及个人陈诉、初始火柴谱、最终火柴谱、视频记录、未选择的火柴、调整记录、分析与建议。咨询师在跟来访者进行咨询过程中，咨询师引导来访者有序的表达自己内心的感受，选择自己认为最重要的价值观进行排序，过程中记录相关火柴谱以及调整记录，最终给出分析建议。 12、系统设置：系统设置包含咨询师管理、资源维护主要功能。咨询师管理可对咨询师进行新增、删除、编辑及密码重置，可通过姓名、登录账号进行查询。 13、可对系统资源进行整理和维护，即可新增修改资源信息，也可以进行删除后再次新增，上方可通过标题、类型进行筛选。 14、工具箱尺寸：≥450mm(±3mm )\*330mm(±3mm )\*150mm(±3mm ) | | | 套 | | | 3 | | | |  | | | | |  |  | | | | | |
| **二、放松区** | | | | | | | | | | | | | | | | | | | |  | | | | |
| 1 | | 个体标准沙盘 | | 内侧尺寸为720（±3mm ）mm×570(±3mm )mm×70mm(±3mm )，全实木材质，内侧海蓝色设计，表面光滑不伤手，耐磨不掉色；底部安装防滑处理，在动沙过程中沙箱在桌面不会移动,用于个体和团体治疗的国际标准沙箱，上下分体式安装，便于移动和搬运。 | | | 个 | | | 3 | | | |  | | | | |  |  | | | | | |
| 3 | | 沙具架 | | 实木材质，尺寸不小于160(±3mm )cm×120(±3mm )cm×30(±3mm )cm， 5层9阶设计（充分满足不同类别玩具按不同阶层分类摆放，便于来访者清晰地看到全部沙具），结构稳定大方、天然木纹色、外观考究。（提供以下证书：1、GB 18584-2001《室内装饰装修材料 木家具中有害物质限量》） | | | 张 | | | 3 | | | |  | | | | |  |  | | | | | |
| 4 | | 沙具 | | 包括人物、动物、植物、建筑物、食品果实、家具生活用品、交通工具、宇宙天体、自然景观、宗教等18大类及若干次类别。通过次类别的划分面向不同群体的应用需求。通过次类别的划分面向不同群体的应用需求。材质为树脂、陶瓷、ABS工程塑料。玩具或物品接近于现实之物。 | | | 个 | | | 600 | | | |  | | | | |  |  | | | | | |
| 5 | | 海沙 | | 天然专用海沙，颗粒均匀、环保安全、高温杀菌 | | | KG | | | 90 | | | |  | | | | |  |  | | | | | |
| 6 | | 音乐放松椅 | | 产品功能 1、系统不少于自然治疗、潜意识调整、心理影视、呼吸训练等几个大自助减压模块。 2、自然治疗：通过一些自然的音乐来缓解和调节心理和精神的上的压力，比如：流水声、鸟鸣、风声、海浪等等。有一部分音乐在播放的过程中，还会以轮播的方式呈现不同的画面，是使用者有种身临其境的感觉，场景多个。 3、潜意识调整：主要是通过讲解加音乐来实现放松和缓解心理压力，包含充沛精力、调整心灵、肌肉放松、精神提升、静心养疗、情绪控制身心放松、深度冥想等不少于37种场景。 4、心理影视：通过视频来缓解心理的压力。 5、呼吸训练：同视频一块进行肢体动作，来实现压力的释放。 6、该系统可以自助对系统进行资源的添加，将对应的jpg，mp3，mp4等相关资源文件按照相对应的目录增加，即可在系统中展现新增资源。 7、系统采用了视频播放器（支持mp4、avi等高清视频）支持主流的视频格式，音频播放（支持主流的视频格式）。系统优化了图片的缓存和加载框架Glide，快速高效的显示。程序的各项操作都在方便用户的角度设计，体验度较好，且支持pad，用户可使用该系统放松。 二、配置要求 1、头等舱设计开发的座椅，腿部气囊按摩功能 2、劲部、背部、腰部、臀部等部份多方位放松模式 3、靠背与腿部可实现100º至180º任意角度电动调节 4、高保真立体声蓝牙音频模块，同时兼容内存卡、U盘、音频线多种音频输入方式 5、额定电压：100-240V50/60HZ 6、额定功率：≤120W  7.（提供以下证书：1、GB 18584-2001《室内装饰装修材料 木家具中有害物质限量》） | | | 套 | | | 3 | | | |  | | | | |  |  | | | | | |
| 7 | | **三套合计** | | | | | | | | | | | | | | | |  | |  | | | | |
| **红林学校** | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | |
| **序号** | | | 产品名称 | | **产品描述** |  | | | **单位** | | | | **数量** | |  | | | | | | | | |  | | | | | | | |
| 1 | | | 24口交换机 | | 1.24个10/100/1000Mbps RJ45端口,支持本地Web管理；2.支持802.1Q/VLAN、MTUVLAN、端口VLAN网络管理功能；3.支持配置端口流控、双工、开启/关闭；4.支持端口汇聚、端口监控、端口隔离、端口流量统计；5.支持DHCP Snooping；6.固化单交流电源。 |  | | | 台 | | | | 3 | |  | | | | | | | | |  | | | | | | | |
| 2 | | | 教学管理软件 | | 1. 屏幕广播 支持局域网、无线网等广播。 2. 行为管理  可根据实际情况直接应用，同时教师也可针对不同学生、不同机器按不同的时间段进行自定义设置。  教师能够对全部或指定的学生进行临时上网、临时断网和临时锁屏控制，操作简单方便。 3.辅助功能 收发作业、文件发送、随堂小考、远程关机等。 4.授权要求:服务周期6年 |  | | | 套 | | | | 1 | |  | | | | |  | | | | | | | | | | | |
| 3 | | | UPS不间断电源 | | 1.功率：15KVA 2.输入电压范围（Vac）：120~288 3.输入频率范围（Hz）：45~66依据电网频率自动选择同步范围 4.输入功率因数：满载时≥0.98 5.长延时DC电压：192V 6.输出功率因数：0.9 7.输出电压（Vac）：220±1% 8.输出频率(Hz)：50±0.05% 9.切换时间（ms）：＞2ms 10.整机效率：≥93% 11.波形：线性负载THD＜3%；非线性负载THD＜5% 12.峰值因数：＞3:1 13.通信功能：RS232接口，支持电源监控软件 14.SNMP（选件）：可通过SNMP适配器进行网络监控 15.面板显示：LED显示UPS的运行状况，LCD显示UPS的运行参数 16.保护功能：输入过压保护、电池欠压保护、过载保护、短路保护、过温保护。 17.音频噪音(dB)：＜55（一米内） 18.工作温度（℃）：0~40 19.相对湿度：0~95%，无冷凝 20.电池规格：电压：12V,容量：26AH,内阻：15mΩ，长：165mm(±3mm )，宽：126mm(±3mm )，高：175mm(±3mm )，重量：7.85kg，端子类型：M6,电池数量16个，后备时间为15分钟左右。 21.电池柜规格：780mm(±3mm )×470mm(±3mm )×615mm(±3mm ) |  | | | 个 | | | | 1 | |  | | | | |  | | | | | | | | | | | |
| 4 | | | 教师机桌椅 | | 1、整体设计符合人机工程学 2、整体采用分体式结构，规格为长1200(±3mm)mm、宽700(±3mm)mm、高1(±3mm)mm； 3、多媒体讲台整体采用1.0mm优质冷轧钢板，无接缝，边缘及拐角均采用圆弧设计，确保学生安全，耐冲击性强，防盗性能优越。 4、颜色选用哑光灰白色，LOGO板及下体前门采用木纹色，表面经脱脂磷化工艺处理后选用优质塑粉静电喷涂而成，耐腐蚀性强，有效保护学生视力，美观耐用。 5、显示器采用翻转结构，可容纳不同规格的显示器（17-23寸），结构独特新颖大幅度减少遮挡学生视线。。 6、键盘采用翻转式结构，节省空间，操作简单方便；键盘为标准键盘 7、桌面右侧为隐藏式抽屉，可放置视频展台，空间560(±3mm)\*540(±3mm)\*20(±3mm)0mm，承载重量≥12kg。 8、键盘盒下方为中控，可放置260x160mm内的中央控制器，整体结构紧凑，空间设计合理。 9、所有布线孔均采用绝缘品装置隔离电源线，安全可靠。 10、全部的加工件均采用模具成型，先进的工装夹具、配合全自动焊接工艺，保障尺寸精度及各部件一致性。 11、椅子：规格：880(±3mm)\*470(±3mm)\*480(±3mm)mm，高耐度特网，全新PA尼龙背架+座壳，pu升降扶手。自载重3级底盘。350铝合金脚。50mmpu静音防滑轮。12.提供以下材料：1、环保检测证明扫描件2、ISO14001环境管理体系认证证书扫描件。 |  | | | 套 | | | | 1 | |  | | | | |  | | | | | | | | | | | |
| 5 | | | 耳麦 | | 1.频率响应：20HZ-20kHZ，动圈/直径：≧50MM,线材：PVC,长度：≧1.8M,2.灵敏度：103DB+3DB,阻抗：32Ω±15，电压：5DC,电流：≦100MA,3.耳机接口类型:双3.5接头+USB/2.0USB,输出功率:≧ 20mW |  | | | 个 | | | | 56 | |  | | | | |  | | | | | | | | | | | |
| 6 | | | 学生桌 | | 1.1400\*600\*780mm钢木结构（可上下浮动3%） 2.台面：采用25mm密度板，外贴防火板，所有板材外露端面采用高质量PVC封边条，利用机械封边机配以热溶胶高温封边，高密封性不吸水、不膨胀，外型美观、经久耐用。 3.桌身：采用18/16mm双贴面三聚氰胺板，其截面PVC封边带利用机械高温热熔胶封边，粘力强，密封性好。 4.脚垫：采用特模具ABS注塑脚垫，高度可调，可有效防止桌身受潮，延长设备的使用寿命. 5.提供以下材料：1、环保检测证明扫描件2、ISO14001环境管理体系认证证书扫描件。 |  | | | 张 | | | | 25 | |  | | | | |  | | | | | | | | | | | |
| 7 | | | 学生凳 | | 1.规格：340\*240\*420mm，钢木结构（可上下浮动3%） 凳面规格：340\*240\*20mm 2.采用18mm厚优质环保三聚氰胺贴面板，四周磨具一次成型封套，防水，耐磨耐用。 3.凳脚：方钢四腿，方钢规格25mm\*25mm，管壁厚度大于1.2mm，中空，双方钢圈架，牢固稳定。四脚配耐磨垫，抗磨消音，保护地板砖。4.提供以下材料：1、环保检测证明扫描件2、ISO14001环境管理体系认证证书扫描件。 |  | | | 个 | | | | 56 | |  | | | | |  | | | | | | | | | | | |
| 8 | | | 网线 | | 国标超五类网线。 |  | | | 箱 | | | | 3 | |  | | | | |  | | | | | | | | | | | |
| 9 | | | 水晶头 | | 国标超五类水晶头 |  | | | 盒 | | | | 3 | |  | | | | |  | | | | | | | | | | | |
| 10 | | | 插座 | | 国标5孔 |  | | | 个 | | | | 114 | |  | | | | |  | | | | | | | | | | | |
| 11 | | | 插排 | | 国标20孔 |  | | | 个 | | | | 2 | |  | | | | |  | | | | | | | | | | | |
| 12 | | | 综合布线 | | 包含教室内所有信息点的综合布线，材料包括电源线、线槽、扎线、过道盖板、理线架、配线架等辅材以及设备安装调试。辅材：含线管、线槽、扎带、胶布等 |  | | | 套 | | | | 1 | |  | | | | |  | | | | | | | | | | | |
| 13 | | | 合计 | |  |  | | |  | | | |  | |  | | | | |  | | | | | | | | | | | |
| **昌江县民族中学** | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | |
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| 7 | | | 学生凳 | | 1.规格：340\*240\*420mm，钢木结构（可上下浮动3%） 凳面规格：340\*240\*20mm 2.采用18mm厚优质环保三聚氰胺贴面板，四周磨具一次成型封套，防水，耐磨耐用。 3.凳脚：方钢四腿，方钢规格25mm\*25mm，管壁厚度大于1.2mm，中空，双方钢圈架，牢固稳定。四脚配耐磨垫，抗磨消音，保护地板砖。  4.提供以下材料：1、环保检测证明扫描件2、ISO14001环境管理体系认证证书扫描件。 |  | | | 个 | | | | 56 | |  | | | | |  | | | | | | | | | | | |
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| 13 | | | 合计 | |  |  | | |  | | | |  | |  | | | | |  | | | | | | | | | | | |
| **昌江县矿区学校** | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | |
| **序号** | | | 产品名称 | | **产品描述** |  | | | **单位** | | | | **数量** | |  | | | | |  | | | | | | | | | | | |
| 1 | | | 教师机(云电脑) | | 1. 、云计算机（核心产品） 1.CPU品牌及型号，≥920、≥ 7501任选一种 ▲2.CPU主频（GHz），虚拟机≥2.6GHz、终端盒≥2.0GHz ▲3.CPU核数，虚拟机≥4核、终端盒≥4核 ▲4.显示屏尺寸（英寸）≥23.8 。5.显示屏分辨率≥1920\*1080 6.显示屏色准最大△E ≤4 7.显示屏响应时间（ms）≤8 8.显示屏可视角度≥170° 9.显示器材质VA/IPS 10.显示屏屏幕比例16:9 11.内存配置容量，虚拟机≥16GB 12.硬盘类型，云盘+云硬盘 13.机械硬盘总容量，虚拟机≥1TB（云盘） 14.固态存储容量，虚拟机≥256GB（云硬盘） 15.显示器和机身颜色黑色/灰色/银色等商务颜色 16.是否有（内置）刻录光驱 否 17.内置集成声卡 是 18.有线网卡数量 ≥1 19.鼠标有线（USB) 20.键盘有线（USB) 21.键盘按键数目104键 22.有线键盘连接线≥1.5米 23.USB接口数量（主板端口非板卡拓展）USB接口≥5，含1个USB3.0及以上接口(终 端盒) 24.HDMI接口≥1 25.网络接口≥1 26.关键部件安全要求，CPU和操作系统等关键部件应当符合安全可靠测评要求，符合 国家信息安全相关标准（如《网络安全等级保护基本要求》）。 27.互联网接入，须提供6年以上免费互联网接入服务，每台电脑接入互联网的并行带宽 不少于100M。   ★28.提供有效的国家节能认证证书扫描件加盖公章。   1. 、有源音箱（连接教师机） 1.整机集成无线麦克风接收模块、高保真音箱于一体，用于无 线麦克风扩声、教室教学显示设备播放等场景； 2.具有≧4个发声单元，额定功率≧60 W,内置≧2个高保真全频扬声器； 3.产品安装于教师机后上端，通过音频线连接教师机 进行音频传输，安装维护便捷； 4.阵列喇叭均衡扩音； 5.设备可支持多个无线麦克风 连接，支持一师一麦，走班授课。 无线麦克风 （1）.无线麦克风采用Type-C充电接口，满 电续航≧4小时，无线麦克风支持快速充电； （2）.手持式麦克风和领夹式麦克风各1副。 2. 1.麒麟/统信UOS/中科方德/其他符合安 全可靠测评要求的操作系统。 2.含流式软件、版式软件、杀毒软件能够充分满足中小学 教育教学需要；应用软件适配要求：要求适配wps正版软件及各类打印 机、扫描仪等设备，支持开放接口协议。工具软件（提供6年免费升级和运维服务） 1.系统还原，系统默认提供还原工具，支持 数据还原，支持系统全量备份、系统增量备份，提供一键还原、一键Ghost功能。 2.同传功能，网络同传与镜像分发功能，通过网络同传技术，批量操作系统部署。系统集成（提供6年免费质保及运维服务） 1.信息技术教室局域网建设，信息技术教室 综合布线实施和网络设备安装调试，包括网络设计、综合布线、网络设备配置等。 2.软硬件安装调试，中标人须对信息技术教室的软硬件系统集成实施部署及安装调试，计算机硬件安装和调试，系统软件、应用软件、教学软件安装和调试，软硬件系统集成调试 。 3.教师培训，中标人组织教师开展数字技术应用能力提升培训（涉及所投核心产品相关应用技术），平均每所学校不少于3课时。 4.设备信息采集及数据录入，按照设备信 息采集及数据录入规则把所投标的全部产品信息采集并数据录入“海南省教育数字化设 备资产与运维管理系统”及“预算管理一体化系统”（固定资产管理系统）。通过标签打 印机打印固定资产卡片（70\*50mm），并粘贴在设备上。包括：产品名称、保修序列 号、生产者、供货商、安装地点等详细信息；要求粘贴统一的资产与运维管理二维码。 同时也把运维技术员和学校设备管理员的信息录入。在申报验收前，须完成全部产品和 技术人员的信息数据录入。采购人将在系统中核查设备信息，并以此作为验收通过的必 要条件。 5.旧设备处置 （1）中标人免费负责将项目学校原有旧机及相关设备设施拆除 并搬运到指定位置，并通过学校签收、盖章确认； （2）拆除作业应符合GB 2894安全 标准，确保施工安全； （3）搬运过程造成采购人设施损坏的，按实际损失赔偿。 6.互联网接入服务，质保服务期内提供互联网接入服务，包括线路、带宽、接入的设备设施 等。运维和服务（提供6年免费质保及运维服务） 1.信息技术教室信息系统集成运维包括设 备硬件、系统软件、应用软件、教学工具、教学资源、网络设备设施、局域网等系统集 成运维。 3.信息技术教室硬件运维， （1）投标人须承诺：中标后所提供的核心产品由 制造商承担6年免费质保服务；有源音箱、交换机由中标人承担6年免费质保服务，包含设备保修服务和免费上门维修服务及配件。 （2）故障响应与处理：须在1小时内（工 作时间）响应，6小时内（工作时间）完成修复，设备正常运行,如无法在6小时内（工作时间）修复，须在3个小时内提供所投核心产品的备用机。 3.信息技术教室软件升级 及运维，投标人须承诺：中标后所提供的配套软件（包括操作系统、应用软件、工具软 件、资源软件等）由软件制造商提供永久使用授权书，以及6年免费升级（更新）和运维服务承诺函（验收须提供相关凭证，采购人可随机抽取该批次任一产品序列号致电官方客服热线进行核查）。 4.提供驻点运维服务，投标人承诺：合同签订后一个月内在项目我县设立售后服务网点，并提供证明材料（须为中标人的），包括： 网点相关备案材料，场地租赁合同及租金支付凭证或场地产权证明，备件库清单（须有满足需要的备用机），运维技术团队及社保（团队成员数量须能满足项目运维服务、为 技术员购买社保和意外伤害险），运维交通工具（须能充分满足实际运维需求）。采购人有权不定期现场查看，承诺的内容将作为项目验收合格的必要条件。 5.中标人提供互 联网接入运维服务，提供网络接入承诺函。 |  | | | 台 | | | | 1 | |  | | | | |  | | | | | | | | | | | |
| 2 | | | 学生机（云电脑） | | 1. 1、云计算机（核心产品） 1.CPU品牌及型号，≥920、≥ 7501任选一种▲ 2.CPU主频（GHz），虚拟机≥2.6GHz、终端盒≥2.0GHz▲ 3.CPU核数，虚拟机≥4核、终端盒≥4核▲ 4.显示屏尺寸（英寸）≥23.8 5.显示屏分辨率≥1920\*1080 6.显示屏色准最大△E ≤4 7.显示屏响应时间（ms）≤8 8.显示屏可视角度≥170° 9.显示器材质VA/IPS 10.显示屏屏幕比例16:9 11.内存配置容量，虚拟机≥16GB 12.硬盘类型，云盘+云硬盘 13.机械硬盘总容量，虚拟机≥1TB（云盘） 14.固态存储容量，虚拟机≥256GB（云硬盘） 15.显示器和机身颜色黑色/灰色/银色等商务颜色 16.是否有（内置）刻录光驱 否 17.内置集成声卡 是 18.有线网卡数量 ≥1 19.鼠标有线（USB) 20.键盘有线（USB) 21.键盘按键数目104键 22.有线键盘连接线≥1.5米 23.USB接口数量（主板端口非板卡拓展）USB接口≥5，含1个USB3.0及以上接口(终 端盒) 24.HDMI接口≥1 25.网络接口≥1 26.关键部件安全要求，CPU和操作系统等关键部件应当符合安全可靠测评要求，符合 国家信息安全相关标准（如《网络安全等级保护基本要求》）。 27.互联网接入，须提供6年以上免费互联网接入服务，每台电脑接入互联网的并行带宽 不少于100M。   ★28.提供有效的国家节能认证证书扫描件加盖公章。   1. 、 1.麒麟/统信UOS/中科方德/其他符合安 全可靠测评要求的操作系统。 2.含流式软件、版式软件、杀毒软件能够充分满足中小学 教育教学需要；应用软件适配要求：要求适配wps正版软件及各类打印机、扫描仪等设备，支持开放接口协议。工具软件（提供6年免费升级和运维服务） 1.系统还原，系统默认提供还原工具，支持 数据还原，支持系统全量备份、系统增量备份，提供一键还原、一键Ghost功能。 2.同传功能，网络同传与镜像分发功能，通过网络同传技术，批量操作系统部署。系统集成（提供6年免费质保及运维服务） 1.信息技术教室局域网建设，信息技术教室 综合布线实施和网络设备安装调试，包括网络设计、综合布线、网络设备配置等。 2.软硬件安装调试，中标人须对信息技术教室的软硬件系统集成实施部署及安装调试，计算机硬件安装和调试，系统软件、应用软件、教学软件安装和调试，软硬件系统集成调试 。 3.教师培训，中标人组织教师开展数字技术应用能力提升培训（涉及所投核心产品相关应用技术），平均每所学校不少于3课时。 4.设备信息采集及数据录入，按照设备信 息采集及数据录入规则把所投标的全部产品信息采集并数据录入“海南省教育数字化设 备资产与运维管理系统”及“预算管理一体化系统”（固定资产管理系统）。通过标签打 印机打印固定资产卡片（70\*50mm），并粘贴在设备上。包括：产品名称、保修序列 号、生产者、供货商、安装地点等详细信息；要求粘贴统一的资产与运维管理二维码。 同时也把运维技术员和学校设备管理员的信息录入。在申报验收前，须完成全部产品和 技术人员的信息数据录入。采购人将在系统中核查设备信息，并以此作为验收通过的必 要条件。 5.旧设备处置 （1）中标人免费负责将项目学校原有旧机及相关设备设施拆除 并搬运到指定位置，并通过学校签收、盖章确认；（2）拆除作业应符合GB 2894安全 标准，确保施工安全；（3）搬运过程造成采购人设施损坏的，按实际损失赔偿。6.互联网接入服务，质保服务期内提供互联网接入服务，包括线路、带宽、接入的设备设施 等。运维和服务（提供6年免费质保及运维服务） 1.信息技术教室信息系统集成运维包括设备硬件、系统软件、应用软件、教学工具、教学资源、网络设备设施、局域网等系统集 成运维。 3.信息技术教室硬件运维，（1）投标人须承诺：中标后所提供的核心产品由 制造商承担6年免费质保服务；有源音箱、交换机由中标人承担6年免费质保服务，包含设备保修服务和免费上门维修服务及配件。 （2）故障响应与处理：须在1小时内（工 作时间）响应，6小时内（工作时间）完成修复，设备正常运行,如无法在6小时内（工作时间）修复，须在3个小时内提供所投核心产品的备用机。 3.信息技术教室软件升级 及运维，投标人须承诺：中标后所提供的配套软件（包括操作系统、应用软件、工具软 件、资源软件等）由软件制造商提供永久使用授权书，以及6年免费升级（更新）和运维服务承诺函（验收须提供相关凭证，采购人可随机抽取该批次任一产品序列号致电官方客服热线进行核查）。 4.提供驻点运维服务，投标人承诺：合同签订后一个月内在项目我县设立售后服务网点，并提供证明材料（须为中标人的），包括： 网点相关备案材料，场地租赁合同及租金支付凭证或场地产权证明，备件库清单（须有满足需要的备用机），运维技术团队及社保（团队成员数量须能满足项目运维服务、为 技术员购买社保和意外伤害险），运维交通工具（须能充分满足实际运维需求）。采购人有权不定期现场查看，承诺的内容将作为项目验收合格的必要条件。 5.中标人提供互联网接入运维服务，提供网络接入承诺函。 |  | | | 台 | | | | 50 | |  | | | | |  | | | | | | | | | | | |
| 3 | | | 24口交换机 | | 1.24个10/100/1000Mbps RJ45端口,支持本地Web管理；2.支持802.1Q/VLAN、MTUVLAN、端口VLAN网络管理功能；3.支持配置端口流控、双工、开启/关闭；4.支持端口汇聚、端口监控、端口隔离、端口流量统计；5.支持DHCP Snooping；6.固化单交流电源。 |  | | | 台 | | | | 3 | |  | | | | |  | | | | | | | | | | | |
| 4 | | | 教学管理软件 | | 1. 屏幕广播 支持局域网、无线网等广播。 2. 行为管理  可根据实际情况直接应用，同时教师也可针对不同学生、不同机器按不同的时间段进行自定义设置。  教师能够对全部或指定的学生进行临时上网、临时断网和临时锁屏控制，操作简单方便。 3.辅助功能 收发作业、文件发送、随堂小考、远程关机等。 4.6授权要求:服务周期6年 |  | | | 套 | | | | 1 | |  | | | | |  | | | | | | | | | | | |
| 5 | | | UPS不间断电源 | | 1.功率：15KVA 2.输入电压范围（Vac）：120~288 3.输入频率范围（Hz）：45~66依据电网频率自动选择同步范围 4.输入功率因数：满载时≥0.98 5.长延时DC电压：192V 6.输出功率因数：0.9 7.输出电压（Vac）：220±1% 8.输出频率(Hz)：50±0.05% 9.切换时间（ms）：＞2ms 10.整机效率：≥93% 11.波形：线性负载THD＜3%；非线性负载THD＜5% 12.峰值因数：＞3:1 13.通信功能：RS232接口，支持电源监控软件 14.SNMP（选件）：可通过SNMP适配器进行网络监控 15.面板显示：LED显示UPS的运行状况，LCD显示UPS的运行参数 16.保护功能：输入过压保护、电池欠压保护、过载保护、短路保护、过温保护。 17.音频噪音(dB)：＜55（一米内） 18.工作温度（℃）：0~40 19.相对湿度：0~95%，无冷凝 20.电池规格：电压：12V,容量：26AH,内阻：15mΩ，长：165mm，宽：126mm，高：175mm，重量：7.85kg，端子类型：M6,电池数量16个，后备时间为15分钟左右。 21.电池柜规格：780mm(±3mm )×470mm(±3mm )×615mm(±3mm ) |  | | | 个 | | | | 1 | |  | | | | |  | | | | | | | | | | | |
| 6 | | | 教师机桌椅 | | 1. 整体设计符合人机工程学 2、整体采用分体式结构，规格为长1200(±3mm)mm、宽700(±3mm)mm、高1(±3mm)mm； 3、多媒体讲台整体采用1.0mm优质冷轧钢板，无接缝，边缘及拐角均采用圆弧设计，确保学生安全，耐冲击性强，防盗性能优越。 4、颜色选用哑光灰白色，LOGO板及下体前门采用木纹色，表面经脱脂磷化工艺处理后选用优质塑粉静电喷涂而成，耐腐蚀性强，有效保护学生视力，美观耐用。 5、显示器采用翻转结构，可容纳不同规格的显示器（17-23寸），结构独特新颖大幅度减少遮挡学生视线。。 6、键盘采用翻转式结构，节省空间，操作简单方便；键盘为标准键盘 7、桌面右侧为隐藏式抽屉，可放置视频展台，空间560\*540\*200mm，承载重量≥12kg。 8、键盘盒下方为中控，可放置260x160mm内的中央控制器，整体结构紧凑，空间设计合理。 9、所有布线孔均采用绝缘品装置隔离电源线，安全可靠。 10、全部的加工件均采用模具成型，先进的工装夹具、配合全自动焊接工艺，保障尺寸精度及各部件一致性。 11、椅子：规格：880(±3mm)\*470(±3mm)\*480(±3mm)mm，高耐度特网，全新PA尼龙背架+座壳，pu升降扶手。自载重3级底盘。350铝合金脚。50mmpu静音防滑轮。   12.（提供以下材料：1、环保检测证明扫描件2、ISO14001环境管理体系认证证书扫描件;） |  | | | 套 | | | | 1 | |  | | | | |  | | | | | | | | | | | |
|  | | | 耳麦 | | 1.频率响应：20HZ-20kHZ，动圈/直径：≧50MM,线材：PVC,长度：≧1.8M,2.灵敏度：103DB+3DB,阻抗：32Ω±15，电压：5DC,电流：≦100MA,3.耳机接口类型:双3.5接头+USB/2.0USB,输出功率:≧ 20mW |  | | | 个 | | | | 56 | |  | | | | |  | | | | | | | | | | | |
| 7 | | | 学生桌 | | 1.1400\*600\*780mm钢木结构（可上下浮动3%） 2.台面：采用25mm密度板，外贴防火板，所有板材外露端面采用高质量PVC封边条，利用机械封边机配以热溶胶高温封边，高密封性不吸水、不膨胀，外型美观、经久耐用。 3.桌身：采用18/16mm双贴面三聚氰胺板，其截面PVC封边带利用机械高温热熔胶封边，粘力强，密封性好。 4.脚垫：采用特模具ABS注塑脚垫，高度可调，可有效防止桌身受潮，延长设备的使用寿命。  5.提供以下材料：1、环保检测证明扫描件2、ISO14001环境管理体系认证证书扫描件; |  | | | 张 | | | | 25 | |  | | | | |  | | | | | | | | | | | |
| 8 | | | 学生凳 | | 1.规格：340\*240\*420mm，钢木结构（可上下浮动3%） 凳面规格：340\*240\*20mm 2.采用18mm厚优质环保三聚氰胺贴面板，四周磨具一次成型封套，防水，耐磨耐用。 3.凳脚：方钢四腿，方钢规格25mm\*25mm，管壁厚度大于1.2mm，中空，双方钢圈架，牢固稳定。四脚配耐磨垫，抗磨消音，保护地板砖。4.提供以下材料：1、环保检测证明扫描件2、ISO14001环境管理体系认证证书扫描件; |  | | | 个 | | | | 56 | |  | | | | |  | | | | | | | | | | | |
| 9 | | | 网线 | | 国标超五类网线。 |  | | | 箱 | | | | 3 | |  | | | | |  | | | | | | | | | | | |
| 10 | | | 水晶头 | | 国标超五类水晶头 |  | | | 盒 | | | | 3 | |  | | | | |  | | | | | | | | | | | |
| 11 | | | 插座 | | 国标5孔 |  | | | 个 | | | | 114 | |  | | | | |  | | | | | | | | | | | |
| 12 | | | 插排 | | 国标20孔 |  | | | 个 | | | | 2 | |  | | | | |  | | | | | | | | | | | |
| 13 | | | 综合布线 | | 包含教室内所有信息点的综合布线，材料包括电源线、线槽、扎线、过道盖板、理线架、配线架等辅材以及设备安装调试。辅材：含线管、线槽、扎带、胶布等 |  | | | 套 | | | | 1 | |  | | | | |  | | | | | | | | | | | |
| 14 | | | 合计 | |  |  | | |  | | | |  | |  | | | | |  | | | | | | | | | | | |
| **教师计算机** | | | | | | | | | | | | | | | | | | | | |  | | | | | |
|  | | | | | |
| 序号 | 产品名称 | | | | 规格参数(云电脑) | 单位 | | |  | | | | 数量 | |  | | | | | | |  | | | | | |
| 1 | | | 计算机（云电脑） | | 1. 云计算机（核心产品） 1.CPU品牌及型号，≥920、≥ 7501任选一种 ▲2.CPU主频（GHz），虚拟机≥2.6GHz、终端盒≥2.0GHz ▲3.CPU核数，虚拟机≥4核、终端盒≥4核 ▲4.显示屏尺寸（英寸）≥23.8 5.显示屏分辨率≥1920\*1080 6.显示屏色准最大△E ≤4 7.显示屏响应时间（ms）≤8 8.显示屏可视角度≥170° 9.显示器材质VA/IPS 10.显示屏屏幕比例16:9 11.内存配置容量，虚拟机≥16GB 12.硬盘类型，云盘+云硬盘 13.机械硬盘总容量，虚拟机≥1TB（云盘） 14.固态存储容量，虚拟机≥256GB（云硬盘） 15.显示器和机身颜色黑色/灰色/银色等商务颜色 16.是否有（内置）刻录光驱 否 17.内置集成声卡 是 18.有线网卡数量 ≥1 19.鼠标有线（USB) 20.键盘有线（USB) 21.键盘按键数目104键 22.有线键盘连接线≥1.5米 23.USB接口数量（主板端口非板卡拓展）USB接口≥5，含1个USB3.0及以上接口(终 端盒) 24.HDMI接口≥1 25.网络接口≥1 26.关键部件安全要求，CPU和操作系统等关键部件应当符合安全可靠测评要求，符合 国家信息安全相关标准（如《网络安全等级保护基本要求》）。 27.互联网接入，须提供6年以上免费互联网接入服务，每台电脑接入互联网的并行带宽不少于100M。   ★28.提供有效的国家节能认证证书扫描件加盖公章。   1. 、有源音箱（连接教师机） 1.整机集成无线麦克风接收模块、高保真音箱于一体，用于无 线麦克风扩声、教室教学显示设备播放等场景； 2.具有≧4个发声单元，额定功率≧60 W,内置≧2个高保真全频扬声器； 3.产品安装于教师机后上端，通过音频线连接教师机 进行音频传输，安装维护便捷； 4.阵列喇叭均衡扩音； 5.设备可支持多个无线麦克风 连接，支持一师一麦，走班授课。 无线麦克风（1）.无线麦克风采用Type-C充电接口，满 电续航≧4小时，无线麦克风支持快速充电；（2）.手持式麦克风和领夹式麦克风各1副。 2. 1.麒麟/统信UOS/中科方德/其他符合安 全可靠测评要求的操作系统。 2.含流式软件、版式软件、杀毒软件能够充分满足中小学 教育教学需要；应用软件适配要求：要求适配wps正版软件及各类打印 机、扫描仪等设备，支持开放接口协议。工具软件（提供6年免费升级和运维服务） 1.系统还原，系统默认提供还原工具，支持 数据还原，支持系统全量备份、系统增量备份，提供一键还原、一键Ghost功能。 2.同传功能，网络同传与镜像分发功能，通过网络同传技术，批量操作系统部署。系统集成（提供6年免费质保及运维服务） 1.信息技术教室局域网建设，信息技术教室 综合布线实施和网络设备安装调试，包括网络设计、综合布线、网络设备配置等。 2.软硬件安装调试，中标人须对信息技术教室的软硬件系统集成实施部署及安装调试，计算机硬件安装和调试，系统软件、应用软件、教学软件安装和调试，软硬件系统集成调试 。 3.教师培训，中标人组织教师开展数字技术应用能力提升培训（涉及所投核心产品相关应用技术），平均每所学校不少于3课时。 4.设备信息采集及数据录入，按照设备信 息采集及数据录入规则把所投标的全部产品信息采集并数据录入“海南省教育数字化设 备资产与运维管理系统”及“预算管理一体化系统”（固定资产管理系统）。通过标签打 印机打印固定资产卡片（70\*50mm），并粘贴在设备上。包括：产品名称、保修序列 号、生产者、供货商、安装地点等详细信息；要求粘贴统一的资产与运维管理二维码。 同时也把运维技术员和学校设备管理员的信息录入。在申报验收前，须完成全部产品和 技术人员的信息数据录入。采购人将在系统中核查设备信息，并以此作为验收通过的必 要条件。 5.旧设备处置 （1）中标人免费负责将项目学校原有旧机及相关设备设施拆除 并搬运到指定位置，并通过学校签收、盖章确认； （2）拆除作业应符合GB 2894安全 标准，确保施工安全； （3）搬运过程造成采购人设施损坏的，按实际损失赔偿。 6.互联网接入服务，质保服务期内提供互联网接入服务，包括线路、带宽、接入的设备设施 等。运维和服务（提供6年免费质保及运维服务） 1.信息技术教室信息系统集成运维包括设 备硬件、系统软件、应用软件、教学工具、教学资源、网络设备设施、局域网等系统集 成运维。 3.信息技术教室硬件运维， （1）投标人须承诺：中标后所提供的核心产品由 制造商承担6年免费质保服务；有源音箱、交换机由中标人承担6年免费质保服务，包含设备保修服务和免费上门维修服务及配件。 （2）故障响应与处理：须在1小时内（工作时间）响应，6小时内（工作时间）完成修复，设备正常运行,如无法在6小时内（工作时间）修复，须在3个小时内提供所投核心产品的备用机。 3.信息技术教室软件升级 及运维，投标人须承诺：中标后所提供的配套软件（包括操作系统、应用软件、工具软 件、资源软件等）由软件制造商提供永久使用授权书，以及6年免费升级（更新）和运维服务承诺函（验收须提供相关凭证，采购人可随机抽取该批次任一产品序列号致电官方客服热线进行核查）。 4.提供驻点运维服务，投标人承诺：合同签订后一个月内在项目我县设立售后服务网点，并提供证明材料（须为中标人的），包括： 网点相关备案材料，场地租赁合同及租金支付凭证或场地产权证明，备件库清单（须有满足需要的备用机），运维技术团队及社保（团队成员数量须能满足项目运维服务、为 技术员购买社保和意外伤害险），运维交通工具（须能充分满足实际运维需求）。采购人有权不定期现场查看，承诺的内容将作为项目验收合格的必要条件。 5.中标人提供互 联网接入运维服务，提供网络接入承诺函。 | 台 | | |  | | | | 301 | |  | | | | |  | | | | | | | |
| **教学一体机采购情况** | | | | | | | | | | | | | | | | | | | |  | | | | | | | | |
| 序号 | | | 设备名称 | | 参数 | 单位 | | 数量 | | |  | | | | | |  | | |  | | | | | | | | | |
| 1 | | | 86寸交互智能平板 | | （一）1.配套黑板  （1）、规格：外径4200mm×1300mm，确保与电子产品尺寸有效对接，并可根据教室实际情况进行适当调整。 （2）.结构：由四块折弯无边框板、铝型材外框、变轨滑动系统构成，四块书写板通过变轨导向部件可组合成一个平面，增大视角，提高绿板外观整体视觉效果；上下滑轨采用开放式双滑轮双导轨，中间的活动绿板在处于关闭状态时，自动归位到固定绿板同一平面，整个推拉动作一次完成。 （3）.整板看面无竖框，绿板相邻之处采用折弯无边框设计，折弯收口处均做防护处理，保证使用安全；整板合并后无边框障碍，可连续书写，增强教师书写的流畅性及学生的感观舒适性。 （4）.书写面板：材质采用优质金属烤漆钢板，板面厚度≥0.30mm，表面细腻平整，不变形，整板无拼接；颜色：白色，表面附有透明保护膜；硬度：涂层硬度≥6H；光泽度：光泽度＞35%；书写性：使用白板笔书写，笔记均匀、线条明显，字迹清晰，无断线现象；擦拭性：用干式或湿式板擦往复擦拭两遍，无明显残留字迹。 （5）.衬板：采用防潮、环保、高密度聚苯乙烯泡沫板，厚度10mm，软硬适中，面层平整，不变形，整张无接缝。 （6）.背板：采用优质快选彩涂（可选）钢板，厚度0.3mm，双面双涂，表面光滑均匀，防锈功能好，经久耐用。 （7）.工艺：采用书写板专用环保型双组份聚氨酯胶水粘合，经由自动生产线一次性定型，胶合牢固，耐腐蚀、耐冲击，防水、防锈，经久耐用，保持书写板面平整，不会脱壳； （8）.外框：材质采用高档亚光银白色铝合金型材，表面经氧化、磨砂涂层处理，表面无划伤，抗腐蚀，模具一次成型；质量符合国家相关要求。 （9）.缓冲垫：黑板外框内部两侧安装橡胶缓冲垫，保护边框，防止挤手。 （10）.滑轮：主滑轮采用两组滑轮小车和变轨导向部件组合，引导活动绿板滑动至与固定绿板平行的轨道内，运行无噪音； （11）.粉笔槽：长度与书写板长度匹配，可以收集粉尘，防止粉尘垂直落地，也可放置板擦、粉笔等教学用品增加老师教学空间；与下框采用卡扣暗钩式连接，一体化设计效果，连接牢固可靠。 （12）.1.安全性：各相对运动部件之间预留安全距离，保证使用者安全，不会挤手；黑板固定要考虑到墙体的特殊性，保证黑板安装牢固可靠；符合GB28231-2011《书写板安全卫生要求》。  2.整机尺寸，长度≥4100mm、高度≥1100mm、厚度≤120mm。（提供第三方 检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件）  3.屏幕：（1）.屏幕尺寸：86 英寸。（2）.显示分辨率不低于：3840×2160；（3）.显示比例：16:9；（4）.显示大屏亮度：≥350cd/m²。（5）.可视角度：≥178°。（6）.对比度：≥1200:1。（7）.色彩覆盖率（色域）≥NTSC73%。(屏体要求：A规屏（投标时提供承诺函：承诺产 品交付验收时提供加盖屏体制造厂商公章的屏体制造厂商针对投标产品出具的A规 屏体质量标准证明文件）。提供第三方检测机构出具的具有CMA或CNAS标识的 检验（测）报告扫描件)  4.书写要求：整机设备副屏板支持普通粉笔、液体粉笔、水溶性粉笔直接书写。  5.色彩，整机支持色彩空间可选，包含标准模式、sRGB模式或支持自定义显示 模式等。（提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件）  6.钢化玻璃：（1）.整机采用防眩光、防爆、钢化玻璃。（2）.玻璃面板硬度等级不低于莫氏7级或表面硬度≥8H。(提供第三方检测机构出具的具有CMA或CNAS标识的 检验（测）报告扫描件。)  7.屏幕护眼：通过由中国标准化研究院制定的视觉舒适度（VICO）评价体系测试，并达到视觉舒适度A级或②符合《GB 40070-2021儿童青少年学习用品近视防控卫生要求》中关于教学多媒体产品显示技术要求。(提供第三方检 测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  8.贴合方式：整机液晶面板与防护钢化玻璃零贴合或全贴合设计。(提供第三方检 测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  9.触控技术：采用电容触控技术。(提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  10.触控点数：整机系统和 Windows系统均可支持40点及以上。(提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  11.书写延时：整机系统支持书写延迟≤35ms。(提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  12.整机系统配置：（1）.整机采用四核64位及以上 CPU 处理器。（2）.内存≥2GB。（3）.存储空间≥16GB。（4）.支持在线升级。（5）.触控一体机自带整机操作系统。(提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。)  13.前置接口：（1）.前置Type-C或HDMI接口≥1个。（2）.USB3.0接口数量≥2个。（提供 真机照片）  14.后置输入接口：（1）.含①USB、②HDMI、③Touch USB、④音频Line in或Line out或Mic in或Mic out、⑤RJ45接口。（提供 真机照片）  15.扬声器：（1）.整机内置2.0声道扬声器。（2）.总功率不低于30W。（提供第三方检测机 构出具的具有CMA或CNAS标识的检验（测）报告扫描件。 ）  16.摄像头：（1）.可拍摄≥1300万像素数的照片。（2）.整机支持输出摄像头视场角≥80度，水平视场角≥130度。（提供第三方检测机 构出具的具有CMA或CNAS标识的检验（测）报告扫描件。 ）  17.麦克风：8阵列麦克风，拾音角度≥180°，可用于对教室环境音频进行采集，拾音距离≥8m。（提供第三方检测机构出具的具有CMA或CNAS标识的检验（测 ）报告扫描件。）  18.网卡，内置WiFi无线网卡，在整机系统和操作系统下，可实现Wi-Fi无线上网 连接。（提供官网截图证明文件。）  19.蓝牙，整机或内置电脑模块支持蓝牙Bluetooth 5.0或以上标准。（提供第三 方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。）  20.任意信号源通道快捷菜单，任意信号源通道下，都可调出快捷菜单，+菜单 含小工具、快捷设置、亮度/音量调节。（提供第三方检测机构出具的具有CMA或C NAS标识的检验（测）报告扫描件。）  21.小工具：（1）.整机全通道（任意信号源）快捷菜单包含如下小工具：批注、截屏、计时 、缩放，支持用户自主添加不同工具；整机系统或操作系统内置书写白板，支持橡皮擦 、圈选、保存、分享、导出功能。（2）.整机系统或Windows系统内置书写白板，支持橡皮擦、圈选、保存、分享/导出功能。  22.手势/书写识别（触屏），手势或书写识别（触屏），整机具备智能手势识别功能 ，在任意信号源通道下均通过响应手势调用相应功能。  23.应用切换：整机全通道快捷菜单中应用软件可以进行切换，无需在已经开启任意应用软件全屏模式下退出当前应用再选择更换。  24.随机抽选：触控一体机能够使用摄像头获取多种使用场景内的图像，并自动识别所有在图像内的人员，随机地从中选出一个人。  25.人数统计：触控一体机可以通过摄像头拍摄多种使用场景内的图像，自动识别人员并计算图像内人员总数。  26.窗口下移：在整机系统下，可通过功能键或手势实现一键降屏（窗口下移）功能，支持点击恢复显示全屏窗口。  27.设备安全管理，整机系统内置自检维护功能，可一键进行自检，针对不同模块给出 问题原因提示。整机系统支持在线升级，升级过程中电源中断，恢复后可断点续传，避 免升级失败。整机系统支持还原出厂设置功能，还原出厂设置后可保留原 IP。  28.投屏：（1）.支持投屏，支持HDMI投屏，或type-C有线投屏，或无线投屏。（2）支持手机NFC无线投屏，通过NFC区域触碰实现手机投屏或支持手机投屏、传输文件。（3）.支持基于物理线缆实现电脑终端有线投屏，同时可以在触控一体机上对电脑终端进行触控操作。（提供官网截图证明文件。）29.标配书写笔两根，壁挂架一套。（提供官网 截图证明文件。） （二）、内置电脑模块（OPS）  1、模块化，内置电脑采用模块化设计。（提供第三方检测机构出具的具有CMA或CNAS 标识的检验（测）报告扫描件。）  2、接口，需具备HDMI OUT，USB接口≥3个。提供真机照片。  3、CPU，≥ i7 12650H▲（提供第三方检测机构出具的具有CMA或CNAS标识的检验（测）报告扫描件。）  4、内存，≥ 1 6 G B DDR4。（提供第三方检测机构出具的具有CMA或CNAS标识的检验 （测）报告扫描件。） 5、硬盘，≥512GB SSD。（提供第三方检测机构出具的具有CMA或CNAS标识的检验 （测）报告扫描件。） 6、网络，具备千兆以太网卡。（提供第三方检测机构出具的具有CMA或CNAS标识的检 验（测）报告扫描件。）  （三）1、（整机内置杀毒软件， 支持进行病毒查杀），须完全满足中小学各段各学科教育教学需要。（提供官网截图证明文件。） 2、OPS操作系统，预装Windows11及以上正版操作系统。提供官网截图证明文件。配套资源与工具软件（提供6年免费升级和运维服务）（1）、核心设备须配套管理软件、教学软件、教学资源和工具软件及其平台。包括如下内容：触控一体机自带系统级保护程序，支持多种弹窗拦截方式，支持录播功能，支持远程清理设备磁盘，支持同时查看多个教室的实时摄像头画面、设备屏幕画面，支持管理 权限分配，可设置多个管理人，支持对设备多个指标维度进行监控，提供丰富的教学资 源，提供多种基础学科工具，提供多种学科资源工具，支持对全校多媒体教室的触控一体机设备进行集中运维管理和设备巡视。 （2）、集控管理平台，集控管理平台至少能现实如下功能： ①设备详情：查看校园内所有设备的状态，包括在线、离线状态，开机时长、CPU 使用率、预警设置等，支持按照设备类型、设备名称进行查询筛选；支持按列表展示以及按缩略图展示。 ②远程控制：可远程控制所选择设备桌面，方便用户远程管理。 ③文件分发：支持多文件推送至任意选定的设备，包括文本、图片、pdf、word、exc el、ppt、音视频等。 4.备份还原：支持远程备份还原OPS操作系统。 5.教学管理：支持远程巡课、听课、评课等。  系统集成（提供6年免费质保及运维服务。） 1、设备集中管理网络部署，把项目学校的设备（触控一体机）部署连接到集控管理平台，包括网络设计、综合布线、硬件和软件部署等。 2.集控管理平台部署，触控一体机集控管理平台部署，包括设备安装、调试，软件部 署、配置及测试。 3、软硬件部署安装调试，多媒体教室软硬件系统集成实施部署及安装调试，包括触控一体机、视频展台、音响设备等硬件，配套教学平台、教学软件、教学资源、教学工具 等软件部署、安装、配置及调试、测试，以及综合布线等。 4.设备信息采集及数据录入，按照设备信息采集及数据录入规则把所投标的全部产品 信息采集并数据录入“海南省教育数字化设备资产与运维管理系统”及“预算管理一体化系统”（固定资产管理系统）。通过标签打印机打印固定资产卡片（70\*50mm），并粘贴在设备上。包括：产品名称、保修序列号、生产者、供货商、安装地点等详细信息 ；要求粘贴统一的资产与运维管理二维码。同时也把运维技术员和学校设备管理员的信息录入。在申报验收前，须完成全部产品和技术人员的信息数据录入。采购人将在系统中核查设备信息，并以此作为验收通过的必要条件。 5、资源平台服务，设备配套的教学资源、教学工具及教学软件须有汇聚的系统平台， 并提供运维服务。提供海南省中小学各学段各学科教材的教学资源、教学工具软件其系统平台为所有项目学校教师和学生开展教育教学使用，做好资源平台配置、师生信息录 入、数据安全等本地服务和云服务。 6、云空间及服务，为项目学校免费提供教学资源云空间及服务，每位教师的云空间容量≥2G，做好资源云空间配置、教师信息录入、数据安全等本地服务和云服务。 7、资源建设服务，资源建设服务：指导项目学校充分利用多媒体教室开展教学活动，支持项目校录播课堂教学视频，平均每所学校不少于5个课时。 8、教师培训，组织项目学校教师开展数字技术应用能力提升培训（涉及多媒体教室应用相关），平均每所学校不少于3个课时。9、旧设备处置，（1）中标人免费负责将项目学校原有旧机及相关设备设施拆除并搬运到指定位置，并通过学校签收、盖章确认；（2）拆除作业应符合GB2894安全标准，确保施工安全；（3）拆除搬运过程造成设施损坏或安全事故，均由中标人负责并赔偿损失。（四）、应用软件及适配：1.应用软件（正版）：含流式软件、版式软件，以及杀毒软件（整机内置杀毒软件，支持进行病毒查杀）。2.适配要求：要求能够适配教育系统正在使用的主流教育教学wps正版软件等。 | 台 | | 43 | | |  | | | | | |  | | |  | | | | | | | | | |
| 2 | | | 壁挂视频展台 | | 硬件部分： 1.壁挂式安装，防盗防破坏。 2.无锐角无利边设计，有效防止师生碰伤、划伤。 3.托板尺寸≥A4面积，收起时小巧不占空间，高效利用挂墙面积。 4.采用USB高速接口，单根USB线实现供电、高清数据传输需求。 5.采用不少于800W像素自动对焦摄像头，可拍摄A4画幅。 6.展台按键采用触摸按键，可实现一键启动展台画面、画面放大、画面缩小、画面旋转、拍照截图等功能，同时也支持在一体机或电脑上进行同样的操作。 7.整机自带均光罩LED补光灯，光线不足时可进行亮度补充，亮度均匀。 8.外壳在摄像头部分带保护镜片密封，防止灰尘沾染摄像头，防护等级达到IP4X级别。 展台软件： 1.支持对展台实时画面进行放大、缩小、旋转、自适应、冻结画面等操作。 2.支持展台画面实时批注，预设多种笔划粗细及颜色供选择，且支持对展台画面联同批注内容进行同步缩放、移动。 3.支持展台画面拍照截图并进行多图预览，可对任一图片进行全屏显示。 4.老师可在一体机或电脑上选择延时拍照功能，支持5秒或10秒延时模式，预留充足时间以便调整拍摄内容。 5.可选择图像、文本或动态三种情景模式，适应不同展示内容。 6.具备图像增强功能，可自动裁剪背景并增强文字显示，使文档画面更清晰。 7.支持故障自动检测，在软件无法出现展台拍摄画面时，自动出现检测链接，帮助用户检测“无画面”的原因，并给出引导性解决方案。 8.支持二维码扫码功能：打开扫一扫功能后，将书本上的二维码放入扫描框内即可自动扫描，并进入系统浏览器获取二维码的链接内容，帮助老师快速获取电子教学资源。 | 台 | | 43 | | |  | | | | | |  | | |  | | | | | | | | | |
| 3 | | | 壁挂音箱 | | 1.采用功放与有源音箱一体化设计，内置麦克风无线接收模块，帮助教师实现多媒体扩音以及本地扩声功能。 2.双音箱有线连接，机箱采用塑胶材质，保护设备免受环境影响。 3.输出额定功率:额定功率≥20W 4.端口：220V电源接口\*1、Line in\*1、USB\*1。 5.麦克风和功放音箱之间采用数字U段传输技术，有效避免环境中2.4G信号干扰，例如蓝牙及WIFI设备。 6.配置独立音频数字信号处理芯片，支持啸叫抑制功能。1.无线麦克风集音频发射处理器、天线、电池、拾音麦克风于一体，配合一体化有源音箱，无需任何外接辅助设备即可实现本地扩声功能。 7.麦克风和功放音箱之间采用数字U段传输技术，有效避免环境中2.4G信号干扰，例如蓝牙及WIFI设备。 8.支持智能红外对码及UHF对码，可在2s内快速完成与教学扩声音箱对码，无需繁琐操作。可与移动音箱或录播主机对码连接。 9.配手持、领夹式麦克风至少各1副，麦克风距离音箱最大有效工作距离≥2米，保证全教室覆盖 | 套 | | 43 | | |  | | | | | |  | | |  | | | | | | | | | |
| 昌江县教育局各校网络设备需求明细表 | | | | | | | | | | | | | | | | | | | |  | | | | | | | | |
| 序号 | | | 学校名称 | | 设备名称 | 参数 | | 数量（台） | | | |  | | | | |  | | |  | | | | | | | | | |
| 1 | | | 昌江中学 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 9 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 12 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 2 | | | 矿区中学 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 41 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 2 | | | |  | | | | |  | | |  | | | | | | | | | |
| 24口交换机 | 千兆管理交换机，交换容量：52Gbps，包转发率：38.8Mpps，24个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 6 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 3 | | | 木棉学校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 25 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 9 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 4 | | | 民族中学 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 11 | | | |  | | | | |  | | |  | | | | | | | | | |
| 24口交换机 | 千兆管理交换机，交换容量：52Gbps，包转发率：38.8Mpps，24个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 6 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 5 | | | 县一小 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 7 | | | |  | | | | |  | | |  | | | | | | | | | |
| 24口交换机 | 千兆管理交换机，交换容量：52Gbps，包转发率：38.8Mpps，24个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 6 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 6 | | | 县二小 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 10 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 7 | | | 县三小 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 10 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 8 | | | 县四小 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 12 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 1 | | | |  | | | | |  | | |  | | | | | | | | | |
| 24口交换机 | 千兆管理交换机，交换容量：52Gbps，包转发率：38.8Mpps，24个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 2 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 9 | | | 县五小 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 7 | | | |  | | | | |  | | |  | | | | | | | | | |
| 24口交换机 | 千兆管理交换机，交换容量：52Gbps，包转发率：38.8Mpps，24个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 2 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 10 | | | 县六小 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 9 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 2 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 11 | | | 红林学校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 9 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 2 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 12 | | | 石碌镇学校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 21 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 3 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 13 | | | 十月田学校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 17 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 2 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 14 | | | 矿区学校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 12 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 5 | | | |  | | | | |  | | |  | | | | | | | | | |
| 24口交换机 | 千兆管理交换机，交换容量：52Gbps，包转发率：38.8Mpps，24个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 3 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 15 | | | 思源学校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 9 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 6 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 16 | | | 乌烈镇学校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 9 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 1 | | | |  | | | | |  | | |  | | | | | | | | | |
| 24口交换机 | 千兆管理交换机，交换容量：52Gbps，包转发率：38.8Mpps，24个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 5 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 17 | | | 红田学校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 10 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 2 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 18 | | | 霸王岭学校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 6 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 3 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 19 | | | 峨港学校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 8 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 2 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 20 | | | 海尾中心学校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 7 | | | |  | | | | |  | | |  | | | | | | | | | |
| 24口交换机 | 千兆管理交换机，交换容量：52Gbps，包转发率：38.8Mpps，24个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 2 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 21 | | | 昌化中心校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 7 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 1 | | | |  | | | | |  | | |  | | | | | | | | | |
| 24口交换机 | 千兆管理交换机，交换容量：52Gbps，包转发率：38.8Mpps，24个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 2 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 22 | | | 叉河镇中心学校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 11 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 1 | | | |  | | | | |  | | |  | | | | | | | | | |
| 24口交换机 | 千兆管理交换机，交换容量：52Gbps，包转发率：38.8Mpps，24个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 2 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 23 | | | 七叉镇中心学校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 2 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 3 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 24 | | | 王下乡中心 学校 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 11 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 1 | | | |  | | | | |  | | |  | | | | | | | | | |
| 24口交换机 | 千兆管理交换机，交换容量：52Gbps，包转发率：38.8Mpps，24个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 2 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 25 | | | 海尾中学 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 3 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 1 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 26 | | | 保平小学 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 7 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 1 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 27 | | | 保突小学 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 1 | | | |  | | | | |  | | |  | | | | | | | | | |
| 24口交换机 | 千兆管理交换机，交换容量：52Gbps，包转发率：38.8Mpps，24个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 1 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
| 28 | | | 水头小学 | | 8口交换机 | 千兆管理交换机，交换容量：20Gbps，包转发率：14.88Mpps，9个10/100/1000Mbps自适应电口(其中8个支持POE/POE+，)，1个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 3 | | | |  | | | | |  | | |  | | | | | | | | | |
| 16口交换机 | 千兆管理交换机，交换容量：36Gbps，包转发率：26.8Mpps，16个10/100/1000Mbps自适应电口(支持POE/POE+，)，2个SFP千兆光口；支持广播风暴抑制、MAC地址过滤、端口限速等功能，支持APP管理 | | 5 | | | |  | | | | |  | | |  | | | | | | | | | |
| 合计（元） | | | | | | | | | | |  | | | |  | | | | | | | | |
|  | | | 本页总计（元） | | | | | | | | | | | | |  | | | |  | | | | | | | | |

**注：1.不允许只对部分内容进行报价；**

**2.核心产品：**86寸交互智能平板