巴厘通用能源公司

PT.GENERAL ENERGY BALI

生技部化验室药剂物资
技术规范书

Biotechnology Department Laboratory Pharmaceutical Supplies
Technical Specifications

批准(approved by)：

审核(verified by) ：

编制(Prepared by)：

采购编号（Purchase number）：GEB-2026-P-012

第一条 总则

Article 1: General rules

1.1 本技术规范书适用于巴厘岛 3*142MW 电厂采购的物资。本技术规范书提出物资名称、规格型号、数量及验收标准等方面的技术要求。

1.1 This technical specification applies to materials procured for the 3*142MW power plant in Bali. It outlines the technical requirements for material names, specifications, quantities, and acceptance criteria.

第二条 物资名称及技术要求

Article 2: Material Name and Technical Requirements

序号 No	名称 Description	规格/型号 Specification/Model	单位 Unit	数量 Quantity	用途 Purpose	备注 Remarks
1	碳酸钙 Calcium carbonate	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	$CaCO_3$
2	无水磷酸氢二钠 Anhydrous disodium hydrogen phosphate	GR 1kg/瓶	瓶 bottle	2	水质监督 Water quality monitoring	Na_2HPO_4
3	硫氰酸钾 Potassium thiocyanate	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	KSCN
4	乙酸锌 Zinc acetate	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	$(CH_3COO)_2Zn$ .2 H_2O
5	碳酸钠 Sodium carbonate	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	Na_2CO_3
6	亚硫酸钠 Sodium sulfite	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	Na_2SO_3
7	碳酸氢钠 Sodium bicarbonate	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	$NaHCO_3$

8	氧化镁 magnesium oxide	AR 250g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	MgO
9	三氧化铬 Chromium trioxide	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	CrO_3
10	磺基水杨酸 sulfosalicylic acid	GR 100g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	$CH_6O_6S\cdot 2H_20$
11	偏钒酸胺 Ammonium metavanadate	AR 100g/瓶	瓶 bottle	10	水质监督 Water quality monitoring	NH_4VO_3
12	柠檬酸氢二铵 Diammonium hydrogen citrate	GR 500g/瓶	瓶 bottle	5	水质监督 Water quality monitoring	$C_6H_8O_7$
13	可溶性淀粉 Soluble starch	AR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	$C_6H_{10}O_5$
14	磷酸二氢钠 Sodium dihydrogen phosphate	GR 2.5kg/瓶	瓶 bottle	5	水质监督 Water quality monitoring	$NaH_2PO_4\cdot 2H_2O$
15	硫酸铵 ammonium sulfate	GR 500g/瓶	瓶 bottle	3	水质监督 Water quality monitoring	$(NH4)_2SO_4$
16	氯化铵 ammonium chloride	GR 500g/瓶	瓶 bottle	3	水质监督 Water quality monitoring	NH_4Cl
17	EDTA 二钠 Disodium EDTA	GR 500g/瓶	瓶 bottle	5	水质监督 Water quality monitoring	$C_{10}H_{14}N_2NaO_8\cdot 2H_2O$
18	草酸钠 Sodium oxalate	GR 500g/瓶	瓶 bottle	5	水质监督 Water quality monitoring	$Na_2C_2O_4$

19	氯化亚锡 stannous chloride	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	$SnCl_2$
20	硫酸联氨 Hydrazine sulfate	GR 500g/瓶	瓶 bottle	3	水质监督 Water quality monitoring	$N_2H_6SO_4$
21	四硼酸钠（硼砂） Sodium tetraborate (borax)	GR 500g/瓶	瓶 bottle	5	水质监督 Water quality monitoring	$Na_2B_4O_7$
22	溴化钾 Potassium bromide	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	KBr
23	乙酸 Acetic acid	GR 2.5L 瓶	瓶 bottle	2	水质监督 Water quality monitoring	CH_3COOH
24	硝酸银 Silver nitrate	GR 100g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	$AgNO_3$
25	高氯酸镁 Magnesium perchlorate	AR 100g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	$Mg(ClO_4)_2 \cdot 6H_20$
26	硝酸钠 Sodium nitrate	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	$NaNO_3$
27	高锰酸钾 potassium permanganate	GR 500g/瓶	瓶 bottle	3	水质监督 Water quality monitoring	$KMnO_4$
28	亚硫酸氢钠 Sodium bisulfite	GR 500g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	NaHSO3
29	氢氧化钾 potassium hydroxide	GR 500g/瓶	瓶 bottle	3	水质监督 Water quality monitoring	KOH

30	酒石酸锑钾 Potassium antimony tartrate	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	$KC_4H_4O_6$
31	酒石酸钾钠 Potassium sodium tartrate	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	$NaKC4H4O6·4H2O$
32	六亚甲基四胺 Hexamethylenetetramine	GR 100g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	$C_6H_{12}N_4$
33	过硫酸铵 ammonium persulfate	AR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	$(NH4)_2S_2O_8$
34	铬酸钾 Potassium chromate	GR 500g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	K_2CrO_4
35	硼酸 boric acid	GR 500g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	H3BO3
36	氟化钠 Sodium fluoride	GR 1Kg/瓶	瓶 bottle	1	水质监督 Water quality monitoring	NaF
37	氢氧化钠 Sodium hydroxide	AR (5Kg)/瓶	瓶 bottle	3	水质监督 Water quality monitoring	NaOH
38	氯化钡 Barium chloride	AR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	$BaCl_2·2H_20$
39	重铬酸钾 Potassium dichromate	GR 500g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	$K_2Cr_2O_7$
40	丙酮 acetone	AR 500g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	CH_3COCH_3

41	氢氟酸 hydrofluoric acid	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	HF
42	氨水 ammonia	GR 2.5L/瓶	瓶 bottle	5	水质监督 Water quality monitoring	NH3
43	硝酸 Nitric acid	AR 2.5L/瓶	瓶 bottle	3	水质监督 Water quality monitoring	HNO_3
44	磷酸氢二钠 disodium hydrogen phosphate	GR 500g/瓶	瓶 bottle	3	水质监督 Water quality monitoring	$Na_2HPO_4.12H_2O$
45	硫酸铜 Copper sulfate	AR 1Kg/瓶	瓶 bottle	2	水质监督 Water quality monitoring	$CuSO_4.5H_2O$
46	乙酸钠 Sodium acetate	AR 500g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	$CH_3COONa.3H_2O$
47	乙酸铵 ammonium acetate	GR 500g/瓶	瓶 bottle	3	水质监督 Water quality monitoring	$C_2H_7NO_2$
48	硫代硫酸钠 Sodium thiosulfate	GR 500g/瓶	瓶 bottle	4	水质监督 Water quality monitoring	$Na_2S_2O_3.5H_2O$
49	柠檬酸铵 Ammonium citrate	GR 500g/瓶	瓶 bottle	4	水质监督 Water quality monitoring	$(NH_4)3_{C6H5O7}$
50	三氧化铝 Aluminum oxide	GR 1Kg/瓶	瓶 bottle	1	水质监督 Water quality monitoring	A_l2_O3
51	硫酸亚铁铵 Ferrous ammonium sulfate	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	$(_NH_4)2_{Fe(SO4)2\cdot 6H20}$

52	石蜡 paraffin	GR 1Kg/瓶	瓶 bottle	1	水质监督 Water quality monitoring	$C_{25H}52$
53	无水氯化钙 Anhydrous calcium chloride	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	C_aC_l2
54	抗坏血酸 ascorbic acid	GR 100g/25g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	$C_6H_8O_6$
55	邻联甲苯胺 o-Toluidine	AR 25g/瓶	瓶 bottle	3	水质监督 Water quality monitoring	$C_{14H}1_{6N2}$
56	邻苯二甲酸氢钾 Potassium hydrogen phthalate	GR 500g/瓶	瓶 bottle	3	水质监督 Water quality monitoring	$C_8H_5K_{O4}$
57	磷酸氢二铵 Diammonium hydrogen phosphate	AR 500g/瓶	瓶 bottle	4	水质监督 Water quality monitoring	$(_NH_4)_{2HPO4}$
58	磷酸二氢钾 Potassium dihydrogen phosphate	GR 500g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	KH_2PO_4
59	草酸 oxalic acid	GR 500g/瓶	瓶 bottle	4	水质监督 Water quality monitoring	$C_2H_2O_4 \cdot 2H_20$
60	焦亚硫酸钠 Sodium metabisulfite	AR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	Na_2S_2O
61	二水和钼酸钠 dihydrate and sodium molybdate	GR 500g/瓶	瓶 bottle	6	水质监督 Water quality monitoring	$NaMOO_4 \cdot 2H_20$
62	氯化钠 Sodium chloride	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	NaCl

63	溴甲酚兰 Bromocresol blue	AR 25g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	$C_{21}H_{14}Br_4O_5S$
64	次甲基蓝 Methylene blue	AR 250g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	$C_{16}H_{18}ClN_3S$
65	1-(2-吡啶偶氮)-2-萘酚（PAN） 1-(2-pyridineazo)-2-naphthol (PAN)	AR 5g/瓶	瓶 bottle	5	水质监督 Water quality monitoring	$C_{15}H_{11}ON_3$
66	溴甲酚紫 Bromocresol purple	AR 25g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	$C_{21}H_{16}O_5Br_2S$
67	二甲酚橙 Xylenol Orange	AR 10g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	$C_{31}H_{28}N_2Na_4O_{13}S$
68	甲基橙 Methyl orange	AR 25g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	$C_4H_{14}N_3NaO_3S$
69	甲基红 Methyl red	AR 25g/瓶	瓶 bottle	3	水质监督 Water quality monitoring	$C_{15}H_{15}N_3O_2$
70	L-半胱氨酸盐酸盐 L-cysteine hydrochloride	AR 5g/瓶	瓶 bottle	10	水质监督 Water quality monitoring	$C_3H_7NO_2S\cdot HCl$
71	酚酞 Phenolphthalein	AR 25g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	$C_{20}H_{14}O_4$
72	邻菲啰啉 o-phenanthroline	AR 5g/瓶	瓶 bottle	10	水质监督 Water quality monitoring	$C_{12}H_8N_2H_2O$
73	铬黑 TChrome Black T	AR 25g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	$C_{20}H_{12}N_3NaO_7S$

74	溴百里香酚蓝 Bromothymol Blue	AR 25g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	$C_{27}H_{28}O_5Br_2S$
75	1M NaOH	500ml/瓶	瓶 bottle	5	水质监督 Water quality monitoring	NaOH
76	0.1M NaOH	1L/瓶	瓶 bottle	5	水质监督 Water quality monitoring	NaOH
77	氢氧化钾乙醇 Potassium hydroxide ethanol	1L/瓶	瓶 bottle	5	水质监督 Water quality monitoring	KOH/C_2H_5OH
78	二异丙胺 diisopropylamine	1L/瓶	瓶 bottle	30	水质监督 Water quality monitoring	C6H15N
79	正庚烷 n-Heptane	AR 2.5L/瓶	瓶 bottle	1	水质监督 Water quality monitoring	C7H16
80	甲苯 Toluene	AR 4L/瓶	瓶 bottle	1	水质监督 Water quality monitoring	C7H8
81	异丙醇 Isopropanol	AR 4L/瓶	瓶 bottle	1	水质监督 Water quality monitoring	C3H8O
82	无水酒精 Anhydrous ethanol	2.5 L	瓶 bottle	8	水质监督 Water quality monitoring	C2H6O
83	溴甲酚绿 Bromocresol Green	AR 10g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	C21H14BrO5S
84	氧化锌 Zinc oxide	GR 200g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	ZnO

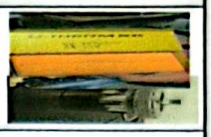
85	钼酸铵 Ammonium molybdate	GR 1000g/瓶	瓶 bottle	6	水质监督 Water quality monitoring	（NH4）6MO7O24• 4H20
86	三乙醇胺 Triethanolamine	AR 1Kg/瓶	瓶 bottle	6	水质监督 Water quality monitoring	C6H15NO2
87	EDTA 二钠镁 Disodium magnesium EDTA	GR 100g/瓶	瓶 bottle	8	水质监督 Water quality monitoring	C10H12MgN2Na2O8• 4H20
88	丙三醇 Glycerol	GR 500g/瓶	瓶 bottle	1	水质监督 Water quality monitoring	C3H8O3
89	正丁醇 n-Butanol	GR 1kg/瓶	瓶 bottle	3	水质监督 Water quality monitoring	CH3(CH2)3OH
90	石油醚 petroleum ether	GR (4L)瓶	瓶 bottle	10	水质监督 Water quality monitoring	C7H7BrMg
91	冰乙酸 glacial acetic acid	GR 500g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	C2H4O2
92	草酸铵 ammonium oxalate	GR 500g/瓶	瓶 bottle	5	水质监督 Water quality monitoring	C2H8N2O4• H20
93	1-2-4 酸 1-2-4 acid	GR 25g/瓶	瓶 bottle	5	水质监督 Water quality monitoring	C10H9NO4S
94	二乙基代氨基二硫甲酸钠 Sodium diethylaminodithiocarbamate	GR 100g/瓶	瓶 bottle	5	水质监督 Water quality monitoring	C5H10NNaS2
95	碘 iodine	GR 250g/瓶	瓶 bottle	2	水质监督 Water quality	I2

					monitoring	
96	正戊烷 n-Pentane	GR 4L/瓶	瓶 bottle	1	水质监督 Water quality monitoring	CH3CH2CH2CH2CH3
97	碘化钾 Potassium iodide	GR 500g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	KI
98	锌试剂 Zinc reagent	AR 5g/瓶	瓶 bottle	2	水质监督 Water quality monitoring	C20H15N4Na2O6S
99	玻璃烧杯 glass beaker	100ml	个 piece	20	溶解药液 Dissolving medicine solution	
100	玻璃烧杯 glass beaker	200ml	个 piece	20	溶解药液 Dissolving medicine solution	
101	玻璃烧杯 glass beaker	250ml	个 piece	20	溶解药液 Dissolving medicine solution	
102	玻璃烧杯 glass beaker	500ml	个 piece	20	溶解药液 Dissolving medicine solution	
103	锥形瓶 conical flask	250ml	个 piece	30	水质分析（细口） Water quality analysis (fine-grained)	细口 
104	移液管 pipette	1ml	个 piece	20	水质分析 Water quality analysis	
105	移液管 pipette	2ml	个 piece	20	水质分析 Water	

					quality analysis	
106	移液管 pipette	5ml	个 piece	20	水质分析 Water quality analysis	
107	移液管 pipette	10ml	个 piece	20	水质分析 Water quality analysis	
108	移液管 pipette	25ml	个 piece	20	水质分析 Water quality analysis	
109	耐酸碱梯形移液管架 Acid and alkali resistant trapezoidal pipette rack		个 piece	2	水质分析 Water quality analysis	
110	耐酸碱园形移液管架 Acid and alkali resistant round pipette rack	25 孔	个 piece	4	水质分析 Water quality analysis	
111	取药勺 medicine spoon	大 中 小	套 set	3	水质分析 Water quality analysis	
112	移液管托盘 pipette tray		个 piece	2	水质分析 Water quality analysis	
113	聚乙烯取样瓶 Polyethylene sampling bottle	1000ml	个 piece	10	水质分析 Water quality analysis	
114	聚乙烯细口取样瓶 Polyethylene narrow-mouth sampling bottle	500ml	个 piece	50	水质分析 Water quality analysis	
115	聚乙烯取样杯 Polyethylene sampling cup	100ml	个 piece	10	水质分析 Water quality analysis	

116	台式精密钠度计电极(玻璃) Benchtop Precision Sodium Meter Electrode	6801-01 钠离子电极	个 piece	3	水质分析 Water quality analysis	
117	台式精密钠度计参比电极(玻璃)Reference electrode for benchtop precision sodium meter	6802-01 参比电极	个 piece	3	水质分析 Water quality analysis	
118	电导电极 Conductivity electrode		个 piece	3	水质分析 Water quality analysis	
119	实验室 PH 电极 Laboratory pH electrode		个 piece	5	水质分析 Water quality analysis	
120	刚果红试纸 Congo Red Test Strips		盒 box	20	水质分析 Water quality analysis	
121	B-广范试纸 B-Extensive Test Strips	PH 1-14	盒 box	20	水质分析 Water quality analysis	
122	PNa2 标准溶液 standard solutions	1L	瓶 bottle	5	水质分析 Water quality analysis	
123	PNa5	1L	瓶 bottle	5	水质分析 Water quality analysis	
124	DD 电导标液	1000 mL	瓶 bottle	5	仪表标定 Instrument Calibration	
125	SDI 测试专用膜 SDI testing membrane		盒 box	2	水质分析 Water quality analysis	
126	瓶刷 Bottle brush	1.5 寸	个 piece	8	刷油样瓶 Oil sample bottle	

127	瓶刷 Bottle brush	1寸	个 piece	8	刷油样瓶 Oil sample bottle	
128	卡尔费休试剂 微量水分仪电解液 Karl Fischer reagent; electrolyte for micro moisture analyzer	Ws-4685	瓶 bottle	2	油组水分析仪用 Oil-water analyzer	卡尔费休有砒啶电解液 （电量法）
129	微量水分仪硅胶垫 Micro Moisture Analyzer Silicone Pad	Ws-4685	个 piece	30	油组水分析仪用 Oil-water analyzer	原设备厂家：山东桑泽仪器仪表有限公司 需与原设备匹配并满足使用要求。 Original equipment manufacturer: Shandong Sangze Instruments Co., Ltd. The equipment must be compatible with the original equipment and meet the usage requirements.
130	微量进样器 Microsyringe	1000ul	支 branch	1	油组水分析仪用 Oil-water analyzer	
131	防烫手套 Heat-resistant gloves	隔热防烫	双 pair	5	水/煤/油分析 Water/Coal/Oil Analysis	水样加热用（微波炉加热专用）
132	洗耳球 Ear syringe		个 piece	5	水/煤/油分析 Water/Coal/Oil Analysis	
133	标准样硅 Si Standard sample silicon (Si)	100μg/mL 50mL	瓶 bottle	1	仪表标定 Instrument Calibration	等同于：唯一标识 22D31374
134	标准样磷酸根 PO43- Standard sample phosphate PO43-	1000μg/mL 50mL	瓶 bottle	1	仪表标定 Instrument Calibration	等同于：唯一标识 18B018-2

135	标准样铁 Fe Standard sample iron Fe	100μg/mL 50mL	瓶 bottle	1	仪表标定 Instrument Calibration	等同于：唯一标识 198009-3
136	标准样铜 Cu Standard copper Cu	100μg/mL 50mL	瓶 bottle	1	仪表标定 Instrument Calibration	等同于：唯一标识 191069-4
137	点火丝 Ignition wire	0.12	500/盒	10	煤分析，镍铬丝 6000J/g 热值 50J/根	
138	苯甲酸热量标准物质 Benzoic acid calorific standard substance	标准值：26465J/g	瓶 bottle	5	自动量热仪标定 Automatic calorimeter calibration	
139	玻璃毛细管粘度计 Glass capillary viscometer	内径 1.0	个 piece	10	油粘度分析 Oil viscosity analysis	
140	玻璃毛细管粘度计 Glass capillary viscometer	内径 1.2	个 piece	10	油粘度分析 Oil viscosity analysis	
141	玻璃毛细管粘度计 Glass capillary viscometer	内径 1.5	个 piece	10	油粘度分析 Oil viscosity analysis	
142	玻璃毛细管粘度计 Glass capillary viscometer	内径 2.0	个 piece	8	油粘度分析 Oil viscosity analysis	
143	玻璃毛细管粘度计 Glass capillary viscometer	内径 2.5	个 piece	8	油粘度分析 Oil viscosity analysis	
144	玻璃水银温度计 glass mercury thermometer	耐高温 300°	个 piece	5	油质分析（闪点温度） Oil quality analysis (flash point temperature)	
145	量筒 graduated cylinder	100ml（加厚）	个 piece	20	油分析（破乳化） Oil analysis (demulsification)	

146	加厚搪瓷托盘 Thickened enamel tray	中号	个 piece	5	水煤油组分析取样用 Water, coal, and oil group analysis sampling	
147	加厚搪瓷托盘 Thickened enamel tray	小号	个 piece	5	水煤油组分析取样用 Water, coal, and oil group analysis sampling	
148	洗瓶 Wash bottle	500ml	个 piece	5	水煤油组分析取样用 Water, coal, and oil group analysis sampling	
149	一次性塑料滴管 Disposable plastic droppers	3ml	支 branch	500	水煤油组分析取样用 Water, coal, and oil group analysis sampling	
150	医用输液管 Medical infusion tubing		个 piece	50	内冷水加药用 Adding medicine to internal cooling water	
151	弹密封圈 spring seal ring	外径 6*线径 1.9	个 piece	20	煤热值分析用 For coal calorific value analysis	

152	密封胶帽 Sealing cap		袋 bag	1	色谱仪取油样针帽 Chromatograph oil sample collection needle cap	
153	氧弹充气压力表 Oxygen bomb inflation pressure gauge	2.5MPa	个 piece	1	煤分析热值用 Coal analysis calorific value	

第三条 质量验收标准

Article 3: Quality Inspection Standards

3.1 物资须符合国家或行业标准，确保满足甲方现场使用要求。物资到厂后，甲方有权依据本协议及相关标准对物资进行验收，如发现质量问题，乙方应无条件更换或退货。

3.1 Materials Must meet national or industry standards to ensure suitability for Party A's site use. Upon arrival at plant, Party A has the right to inspect the materials according to this agreement and relevant standards. If any quality issues are found, Party B must replace or return the goods unconditionally.

3.2 乙方须提供完整的质量检测报告、合格证及相关技术资料（到场后随带产品“三证一书”）

3.2 Party B must provide complete quality inspection reports, certificates of conformity, and relevant technical documents(Upon arrival, the product must be accompanied by the "Three Certificates and One Manual.").

第四条 责任与义务

Article 4: Responsibilities and Obligations

4.1 乙方须确保所供物资的技术参数、型号、规格与本协议一致。

4.1 Party B must ensure that the technical parameters, models, and specifications of the supplied materials comply with this agreement.

第五条 其他

Article 5: Miscellaneous

5.1 本技术规范书作为采购文件的组成部分之一，属于技术附件，与采购文件具有同等法律效力。

5.1 This technical specification is an integral part of the procurement documents and is considered a technical appendix. It has the same legal effect as the procurement documents.