

SCOPE OF SUPPLY

13.1.1 Genset container



Contains 6 generator set containers, each containing the following equipment:

| serial number | content | illustrate | quantity (3 | Remark |
|---------------|--|-------------------------------|----------------|--|
| | 1 Diesel generator set 1.1 | | 1 | |
| | Diesel engine | CME-MAN 9L21/31 | 1 | |
| | 1.2 Generator | ZFC5 | 1 | |
| | 1.3 Common base | | 1 | |
| | 1.4 Vibration isolator | | 12 | Based on seismic isolation calculation |
| | 1.5 Rigid reinforcement beam | | 1 | container belt |
| | 1.6 Electric pre-lube oil pump | 3 X 380V, 50Hz, 3.0 kW | 1 | |
| | 1.7 Filtration fineness of fuel inlet safety filter: 25~37pm | | 1 | Supplied in loose parts |
| | 2 containers | 40 feet standard high box | 1 | Reasonably open the hole and open the door |
| | 3 Supercharger outlet expansion joint DN550 | | 1 | |
| | 4 Diesel engine ventilation equipment | Axial fan (inlet and exhaust) | 4 | tentative |
| | 5 Generator outlet switch phase | | 1 | |
| | 6 oil separator unit | | i | 1 unit 1 set |
| | 6.1 Lubricating oil transfer pump | 0.8mVh, | 1 | |
| | 6.2 Plate Heat Transfer Oil Heater | | 1 | |
| | 6.3 Oil separator | 0.8 m3/h | 1 | |
| | 6.4 Electric three-way switching valve | | 2 | |
| | 6.5 Electric control box | | 1 | |
| | 6.6 Modular valve | | 1 | |
| | part 7 Unit leakage oil tank unit 0.05m), with pump | | 1 | 1 unit 1 set, tentative |
| | 8 fire extinguishers | | 4 | |
| | 9 lights | | 6 | |

13.1.2 Transformer container

13.1.2.1 Transformer container A

Contains 2 sets of Transformer Container A, each containing the following equipment:

| serial number | content | illustrate | quantity | Remark |
|---------------|-----------------------------------|---------------------------|-----------|--|
| | | | (meeting) | |
| | 1 0.4kV/6.3kV Transformer 2500kVA | | 2 | |
| | 2 fire extinguishers | | 2 | |
| | 3 containers | 20 feet standard high box | 1 | Reasonably open the hole and open the door |

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| 4 lights | | 2 | |
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13.1.2.2 Transformer container B



Contains 2 sets • Transformer container B, each set contains the following equipment:

| serial number | content | illustrate | quantity | Remark |
|---------------|---------------------------------------|---------------------------|----------|--|
| | | | (4H) | |
| 1 | 0.4kV/6.3kV Transformer 2500kVA | | 1 | |
| 2 | 6.3kV/0.4kV factory power transformer | 500KVA | 1 | |
| | Pressurizer 3 Fire Extinguisher | | 2 | |
| 4 | containers | 20 feet standard high box | 1 | Reasonably open the hole and open the door |
| 5 | lights | | 2 | |

13.1.3 Zhongkong Container

Contains 1 set of central control container, including the following equipment:

| serial number | content | illustrate | quantity | each note |
|---------------|---|------------|-----------|--|
| | | | (meeting) | |
| 1 | center console | | 1 | |
| 2 | Transformer incoming line and emergency cabinet | | 1 | |
| 3 | self-use power distribution cabinet | | 1 | |
| 4 | DC phase | | 1 | |
| 5 | emergency generating sets | 64KW | 1 | |
| 6 | air conditioners | 2 horses | 1 | tentative |
| 7 | fire extinguishers | | 4 | |
| 8 | Membrane Lights | | 2 | |
| 9 | containers | 20ft TEU | 1 | Reasonably open the hole and open the door |

13.1.4 High-voltage switchgear container



Contains 2 sets of high-voltage lifting and closing cabinets, 1# high-voltage switchgear container and 2# high-voltage switchgear container.

1# high voltage switchgear container contains the following equipment:

| serial number | content | illustrate | quantity | Remark |
|---------------|--------------------------------------|---------------------------|----------|--|
| | | | (set) | |
| 1 | 6.3kV no line voltage outlet cabinet | | 1 | The switching capacity is based on 14 machines group configuration. |
| 2 | incoming cabinet | | 3 | |
| 3 | PT | | 1 | PT and other equipment configurations meet the electrical Net 0.2S precision multifunction Is the three-phase energy metering requirements |
| 4 | Transformer feeder cabinet | | 1 | |
| 5 | fire extinguishers | | 2 | |
| 6 | lights | | 2 | |
| 7 | containers | 20 feet standard high box | 1 | Reasonably open the hole and open the door |

2# high voltage switchgear container contains the following equipment;

| serial number | content | illustrate | Quantity | each note |
|---------------|----------------------------|------------|----------|--|
| | | | (set) | |
| 1 | jumper cabinet | | 1 | |
| 2 | incoming cabinet | | 3 | |
| 3 | PT cabinet | | 1 | PT and other equipment configurations meet the electrical Net 0.2S precision multifunction Display three-phase energy metering |
| 4 | Transformer feeder cabinet | | 1 | |
| 5 | fire extinguishers | | 2 | |
| 6 | lights | | 2 | |

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| 7 Container | 20 feet standard high box | 1 Reasonably open the hole and open the door |
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13.1.5 Containers for oil and gas auxiliary equipment



Baoshe 2 sets of oil and gas auxiliary equipment containers, each containing the following equipment:

| serial number | content | illustrate | quantity (set) | Remark |
|---------------|---|--|-------------------|---------------------------------------|
| | 1 Heavy oil separation unit | | 1 | 3 units 1 set |
| 1.1 | Heavy oil transfer pump | 2.0 m3 /h | 2 | Use 1 for backup |
| 1.2 | Plate type oil heater | | 1 | |
| 1.3 | Heavy oil separator | 2.0 m3 /h | 1 | |
| 1.4 | Electric control box | | 1 | |
| 1.5 | Modular Valves | | 1 | |
| | 2 fuel supply unit | | 1 | 3 units 1 set |
| 2.1 | Double coarse wave device | Filter paper 60 mesh | 1 | |
| 2.2 | Electric light and heavy oil switching valve | | 1 | |
| 2.3 | Fuel supply pump | 2.5 m3 /h | 2 | With check valve and regulating valve |
| 2.4 | Mixing cartridge | 80L | 1 | |
| 2.5 | Fuel circulation pump | 5.0 m3 /h | 2 | With check valve and regulating valve |
| 2.6 | Auxiliary Electric Heater | 36kW | 1 | |
| 2.7 | Thermal oil heater | SWEP | 1 | |
| 2.8 | Automatic backwash filter | 10 p.m. | 1 | |
| 2.9 | Backwashing the filter manually | 35 pm | 1 | |
| 2.10 | Viscosity Control Device | 13~15cS(Viscosity Technology Model (MOcSt | 1 | |
| 2.11 | Oil supply pressure automatic | | 1 | |
| 2.12 | adjustment system of thermal oil regulating valve | 0.4S.8MP& | 1 | tentative |
| 2.13 | Oil supply state automatic switching system | | 1 | tentative |
| 2.14 | Electric control box | | 1 | |
| 2.15 | Emergency diesel pump | 4.0m 3 /h | 2 | with protective filter |
| | 3 Compressed air unit | | 1 | 3 units 1 set |
| 3.1 | Air compressor | Air supply volume 0.59 mVmin pressure 3.5MPa | 1 | |
| 3.2 | Air bottles | Capacity 0.5m ³ work pressure 3.0MPa | 1 | |

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|---|---------------------------|-------------|---------------------------------------|
| 3.3 Dryer | 1.5 m3 /min | 1 tentative | |
| 3.4 Control box | | 1 | |
| 4 Ventilation and heat dissipation device | Axial Fan | 2 tentative | |
| 5 fire extinguishers | | 2 | |
| 6 lights | | 2 tentative | |
| 7 containers | 20 feet standard high box | 1 | Reasonable lifting hole, lifting door |
| 8 booster water pump | | 2 | |
| 9 Slag tank with slag pump | | 1 | prefabricated container bottom |

13.1.6 Other equipment

The bulk supply equipment for 2 sets of three unit units is as follows:

| serial number | content | illustrate | quantity (set) | Remark |
|---------------|--|--------------------|-------------------|---------------------------|
| 1 | Air-cooled radiator unit | | 6 | 1 unit 1 winter |
| 1.1 | High temperature water radiation radiator | | 6 | |
| 1.2 | Low temperature water radiation radiator | | 6 | |
| 1.3 | Fan | | | Tentative |
| 1.4 | High temperature water expansion tank | 0.1m ^J | 6 | |
| 1.5 | Low temperature water expansion tank | 0.1m ^J | 6 | |
| 1.6 | Install the support legs | | | Quantity to be determined |
| 1.7 | Anchorage device | | | Quantity to be determined |
| 2 | storage and delivery device | | | |
| 2.1 | Heavy oil sedimentation tank | 15.0m ³ | 2 | 3 units 1 |
| 2.2 | Heavy oil daily fuel tank | 8.0m ^J | 2 | 3 units 1 |
| 2.3 | Diesel daily fuel tank | 6.0m ³ | 2 | 3 units 1 |
| 2.4 | Oil and sewage tank unit | 1.5m\with pump | 1 tentative | |
| 2.5 | Heater at outlet of heavy oil | 10.0m3 /h | 1 tentative | |
| 2.6 | storage tank of heavy oil transfer pump unit | | 1 tentative | |
| 2.7 | Diesel transfer pump unit | 10.0 m3 /h | 1 tentative | |
| 2.8 | Oil supply trolley unit 2.5 mVh, with pump | | 1 | |
| 3 | Exhaust gas waste heat utilization unit | | 2 | 3 units 1 set |
| 3.1 | Heat transfer oil waste gas boiler | | 1x2 | 3 units 1 set |
| 3.2 | Pry steel structure | | 1x2 | 3 units 1 set |
| 3.3 | Pump prewave | | 2x2 | |
| 3.4 | Thermal oil circulation pump | | 2x2 | |

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|--|------------------------------|------------------------------|---|
| 3.5 Expansion oil tank | | 1x2 | |
| 3.6 Oil injection pump | | 1x2 | |
| 3.7 Oil and gas separator | | 1x2 | |
| 3.8 Heat transfer oil conservator | | 1x2 to be determined | |
| 3.9 Boiler rear chimney | | 1x2 with stand and rainproof | |
| 3.10 Electric Actuator | | 1x2 | |
| 3.11 Heat transfer oil distribution main pipe with valve | | 1x2 3 units 1 set | |
| 3.12 Anchoring device | | several fixed structures | |
| 3.13 Expansion joints | DN550 | 6 | 1 button 1 |
| 3.14 Control box' | | 1x2 3 units 1 set | |
| 4 mufflers | Noise reduction 35dB | 6 | 1 unit 1 |
| 5 Softened water unit | | 1 | |
| 5.1 Softened water device | Minimum 3.0m ³ /h | 1 | |
| 5.2 Water tank | 1.5m ³ | 1 | |
| 5.3 System make-up water pump | 3.0 m3 /h | 3 | |
| 5.4 Regeneration Salt | 80kg | | Tentative |
| 6 cables | | | Cables and cable glands meet Site environment requirements |
| 6.1 Low voltage cables | | | |
| 6.2 High voltage cables | | | |
| 6.3 Control cables | | | |
| 6.4 Instrument cables | | | |
| 7 hose | | | 1 unit 1 set |
| 7.1 Cooling water hose | DN80, 1.6MPa | | |
| 7.2 High temperature water vent pipe | DN25, 0.6MPa | | |
| 7.3 Low temperature water vent pipe | DN25, 0.6MPa | | |
| 7.4 Fuel hose | DN25, 1.6MPa | | |
| 7.5 Spilled oil drain hose | DN15, 1.6MPa | | |
| 7.6 Crankcase breather hose | DN65, 0.6MPa | | |
| 7.7 Turbocharger breather hose | DN40, 0.6MPa | | |
| 7.8 Compressed air hose | DN40, 1.6MPa | | |
| 7.9 Oil hose | DN25, 1.6MPa | | |
| 8 exhaust pipe | DN550 | 6 | 1 unit 1 set |
| 9 Lightning protection equipment | | 1 tentative | |
| 10 Grounding device | | 1 | |

| | | | | |
|---------------------------------|--|------------|--|---------------------------|
| 11 Tracer tube | | Steel Pipe | | length to be determined |
| 12 Insulation wrapping material | | | | Quantity to be determined |