

Số: 621 /NMĐSH1-TM

Cần Thơ, ngày 25 tháng 3 năm 2026

V/v cung cấp báo giá “Mua sắm Vật tư thay
thế/Thiết bị cho NMĐ Sông Hậu 1”

Kính gửi: Các nhà cung cấp

1. Chi nhánh phát điện Dầu khí/ Nhà máy Điện (NMĐ) Sông Hậu 1 đang có nhu cầu triển khai mua sắm “Vật tư thay thế/Thiết bị cho NMĐ Sông Hậu 1”. NMĐ Sông Hậu 1 đề nghị Quý Công ty quan tâm, nghiên cứu và cung cấp báo giá cho hàng hóa nói trên với nội dung như sau:

2. Phạm vi công việc: chi tiết như Phụ lục đính kèm

3. Tiến độ cung cấp: Nhà cung cấp đề xuất tiến độ cung cấp tốt nhất để Nhà máy xem xét.

4. Địa điểm giao hàng: Kho Nhà máy Nhiệt Điện Sông Hậu 1, Ấp Phú Xuân, Xã Châu Thành, Thành phố Cần Thơ.

5. Hiệu lực báo giá: 90 ngày kể từ ngày chào giá.

6. Thời gian gửi báo giá: trước 16h00 ngày 09/04/2026.

7. Phương thức gửi báo giá: gửi trực tiếp/bưu điện theo địa chỉ tiếp nhận báo giá hoặc qua email.

8. Thông tin liên hệ:

Người nhận: Phòng Thương mại – NMĐ Sông Hậu 1.

Địa chỉ: Nhà máy Nhiệt Điện Sông Hậu 1, Ấp Phú Xuân, Xã Châu Thành, Thành phố Cần Thơ.

Email: giangtth@pvpgb.vn; haipdm@pvpgb.vn; anhbtv@pvpgb.vn;
hunglt@pvpgb.vn; nhanbaogia.hn@pvpgb.vn.

NMĐ Sông Hậu 1 cảm ơn sự hợp tác của Quý Công ty./.

Nơi nhận:

- Như trên;
- GD NMĐ SH1: N.V.Chính (để b/c);
- Lưu VT, TM (B.T.V.A).

**TL. GIÁM ĐỐC CHI NHÁNH PĐDK
KT. GIÁM ĐỐC NMĐ SÔNG HẬU 1
PHÓ GIÁM ĐỐC**



Lương Khánh Duy

DANH MỤC VTTT/THIẾT BỊ
(Đính kèm công văn số Q21 / NMĐSH1-TM ngày 25/3 /2026)

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
A.	Boiler	Boiler		-	
A.1	Pressure Parts	Pressure Parts		-	
A.1.1	Heating Surface Tubes	Heating Surface Tubes			
A.1.1.1	Platen 1 SH (SA213-T22, 44.5x7.6-10000)	Platen SH (SA213-T91, 38.0 x 4.9 - 10000)	Piece	10,0	
A.1.1.2	Platen 1 SH (SA213-T91, 44.5x6.8-10000)	Platen SH (Super 304H, 38.0 x 4.5 - 10000)	Piece	14,0	
A.1.1.3	Platen 2 SH (SA213-T91, 44.5x5.6-10000)	Final SH (SA213-T92, 42.2 x 5.4 - 10000)	Piece	10,0	
A.1.1.4	Platen 2 SH (Super 304H, 44.5x5.4-10000)	Final SH (Super 304H, 42.2 x 5.1 - 10000)	Piece	15,0	
A.1.1.5	Tie-tube (SA213-T22, 44.5x8.8-10000)	Pri.SH (SA213-T12, 44.5 x 8.0 - 10000)	Piece	10,0	
A.1.1.6.1	Pri. RH (SA213-T12, 60.3x4.0-10000)	Pri.RH (SA210C, 63.5 x 4.0 - 10000)	Piece	7,0	
A.1.1.6.2	Pri. RH (SA213-T12, 60.3x4.0-10000)	Pri.RH (SA210C, 57.0 x 4.0 - 10000)	Piece	8,0	
A.1.1.7.1	Pri. RH (SA213-T22, 60.3x4.0-10000)	Pri.RH (SA213-T12, 54.0 x 4.0 - 10000)	Piece	7,0	
A.1.1.7.2	Pri. RH (SA213-T22, 60.3x4.0-10000)	Pri.RH (SA213-T22, 50.8 x 4.0 - 10000)	Piece	8,0	
A.1.1.8	Pri. RH (SA213-T91, 60.3x4.0-10000)	Pri.RH (SA213-T91, 50.8 x 4.0 - 10000)	Piece	10,0	
A.1.1.9	Tie-tube (SA213-T22, 44.5x5.6-10000)	Pri.SH (SA213-T12, 50.8 x 7.0 - 10000)	Piece	10,0	
A.1.1.10	Tie-tube (SA213-T91, 44.5x6.8-10000)	Pri.SH (SA213-T12, 44.5 x 6.9 - 10000)	Piece	10,0	
A.1.1.11	Final RH (Super 304H, 50.8x4.0-10000)	Final RH (Super 304H, 57.0 x 4.0 - 10000)	Piece	15,0	
A.1.1.12	Eco. (SA210C, 50.8x6.5-10000)	Eco. (SA210C, 54.0 x 6.9 - 10000)	Piece	15,0	
A.1.1.13	Eco. (SA210C, 44.5x5.8-10000)	Eco. (SA210C, 57.0 x 7.2 - 10000)	Piece	15,0	
A.1.1.14.1	Sling tube (SA213-T12, 57.0x10.0-10000)	Sling tube (SA213-T12, 50.8 x 10.5 - 10000)	Piece	5,0	
A.1.1.14.2	Sling tube (SA213-T12, 57.0x10.0-10000)	Sling tube (SA213-T12, 50.8 x 11.5 - 10000)	Piece	5,0	
A.1.2	Water Wall Tubes	Water Wall Tubes			
A.1.2.1	SA213-T12, 34x4.6-10000	SA213-T12, 38x6.3-10000 (Furnace Hopper, Spiral)	Piece	21,0	
A.1.2.2	SA213-T12, 34x6.4-10000	SA213-T12, 44.5x7.5-10000 (Cage Front Wall)	Piece	5,0	
A.1.2.3	SA213-T12, 38x5.1-10000	SA213-T12, 44.5x6.5-10000 (Division Wall)	Piece	10,0	
A.1.2.4	SA213-T12, 38x6.8-10000	SA213-T12, 34x6.0-10000 (Furnace Upper Vertical, Arch, Vestibule)	Piece	10,0	
A.1.2.5	SA213-T12, 44.5x5.9-10000			10,0	
A.1.2.6	SA213-T12, 50.8x6.8-10000	SA213-T12, 42.2x6.3-10000 (Cage Roof/Rear/Side Wall)	Piece	21,0	
A.1.2.7	SA213-T12, 57x7.6-10000	SA213-T12, 63.5x15.0-10000 (Cage Front Screen Tubes)	Piece	5,0	
A.1.2.8	SA213-T12, 63.5x8.5-10000	SA213-T12, 63.5x9.0-10000 Division Wall, Furnace/Vestibule Roof)	Piece	15,0	
A.1.2.9	SA213-T91, 63.5x11-10000	SA213-T91, 60.3x13.5-10000 (Sling Tube)	Piece	10,0	
A.1.3	SH Desuperheater	SH Desuperheater			
A.1.3.1	Complete Nozzle Assembly	Complete Nozzle Assembly (PL Description : Spray Nozzle ass'y) - Transition head, Thermal sleeve, Spray nozzle	Set	1,0	
A.2	Coal Burner	Coal Burner		-	
A.3	Fuel oil Burners	Fuel oil Burners		-	
A.4	HEA Ignitor for Fuel Oil Burner	HEA Ignitor for Fuel Oil Burner			

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
A.4.6	retraction limit switch	Limit Switch for Ignitor Retract System (Lever Type)	Piece	1,0	
A.6	Pulverizer (LM28.3_Dynamic Classifier_5Mill_2unit)	Pulverizer (LM28.3_Dynamic Classifier_5Mill_2unit)			
A.6.1	Spare Parts for LM Mill	Spare Parts for LM Mill			
A.6.1.6.2		LOCKING SLEEVE (6" x SCH.80 (O.D 168.3 x 10.97AWT) x 100L)	Piece	24,0	
A.6.6	COAL FEEDER	COAL FEEDER			
A.6.6.8.2	Motor & reducer for main conveyor	Reducer for main conveyor	Piece	1,0	
A.7	Sootblower	Sootblower		-	
A.7.1	Wallblower	Wallblower		-	
A.7.2	Long Blower	Long Blower		-	
A.8	Steam airheater condensate recovery pump	Steam airheater condensate recovery pump			
A.8.4	Casing ring (Back)	Casing ring (Back)		1,0	
A.8.6	Impeller ring (Back)	Impeller ring (Back)		1,0	
A.9	Fan	Fan		-	
A.9.1	Forced Draft Fan	Forced Draft Fan		-	
A.9.2	Induced Draft Fan	Induced Draft Fan		-	
A.9.2.7				-	
A.9.3	Primary Air Fan	Primary Air Fan			
A.9.3.1	Spring packs for main coupling	Spring packs for main coupling	Piece	9,0	
A.9.3.2.2	Flexible oil hoses of bearing & hydraulic cylinder	Flexible oil hoses of bearing - 16 - 1 1/2"		2,0	
A.12	RH Attenuator	RH Attenuator			
A.12.1	Stem packing and Gasket for TCV	Stem packing and Gasket for TCV	Piece	1,0	
A.12.1.1	Stem packing and Gasket for TCV	Stem packing	Piece	20,0	
A.12.1.2	Stem packing and Gasket for TCV	Packing set	Piece	2,0	
A.12.1.3	Stem packing and Gasket for TCV	Gasket for TCV	Piece	1,0	
A.12.1.4	Stem packing and Gasket for TCV	Gasket	Piece	1,0	
A.14.6	Field Instrument	Field Instrument			
A.14.6.6.2	Pressure Switch	Pressure Switch (UE H402)	Piece	1,0	
A.14.6.6.3	Pressure Switch	Pressure Switch (UE H122)	Piece	1,0	
A.14.6.7	Differential Pressure Switch	(N/A)	Piece	1,0	
A.14.7	Elevator	Elevator			
A.14.7.1		Door Button	Piece	20,0	
A.14.7.3		Load Switch	Piece	6,0	
A.14.7.4		Door Counterweight Shoe	Piece	10,0	
A.14.7.5		Car Guide Shoe Liner	Piece	7,0	
A.14.7.6		PCB DOT-101	Piece	4,0	
A.14.7.7		Car Fan	Piece	2,0	
A.14.7.8		Relays PED, DCR, BRC	Piece	4,0	
B.2.1	Submerged Drag Chain Conveyor	Submerged Drag Chain Conveyor			
B.2.1.1	Link Chain	Chain Strand	m	5,0	
B.2.1.2	Shackle	Chain Plug-in	Piece	4,0	
B.2.1.3	Scraper	Scraper	Piece	3,0	
B.3	Air Preheater	Air Preheater			
B.3.1.2	Sealing for guide bearing	Packing for guide bearing	Set	1,0	
B.3.2.2	Sealing for support bearing	Packing for support bearing	Set	1,0	
B.3.4.2	Sealing for RDU	Oil Seal, O-Ring, Gasket for RDU	Piece	1,0	
B.3.4.3	Sealing for RDU	Oil Seal, O-Ring, Gasket for RDU	Piece	1,0	
B.3.5.2	Gaskets, O-rings, shaft sealing for sootblower	Gasket, Packing for Sootblower - Valve Steam Packing	Piece	1,0	
B.3.5.3	Gaskets, O-rings, shaft sealing for sootblower	Gasket, Packing for Sootblower - Compansion Flange Gasket	Piece	1,0	
B.3.5.4	Gaskets, O-rings, shaft sealing for sootblower	Gasket, Packing for Sootblower - Lance Tube Gasket	Piece	1,0	
B.3.5.5	Gaskets, O-rings, shaft sealing for sootblower	Gasket, Packing for Sootblower - Feed Tube Gasket	Piece	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
B.4.14	FGD Wastewater Blowdown Transfer Pump	FGD Wastewater Blowdown Transfer Pump			
B.4.14.1	Impeller O-ring	TBD (Not confirmed yet)	Piece	1,0	
B.4.14.2	Shaft Sleeve O-ring	TBD (Not confirmed yet)	Piece	1,0	
B.4.14.3	Bearing	TBD (Not confirmed yet)	Piece	1,0	
B.4.24	FGD Wastewater Blowdown Tank Agitator	FGD Wastewater Blowdown Tank Agitator			
B.4.24.1	Shaft seal ring	TBD (Not confirmed yet)	Piece	1,0	
C	Steam Turbine Generator	Steam Turbine Generator		-	
C.1	Steam Turbine	Steam Turbine		-	
C.1.1	HIP Rotor	HIP Rotor		1,0	
C.1.1.1	Sleeve for Coupling Bolt (HIP-LP)	Sleeve for Coupling Bolt (HIP-LP(A))	Piece	2,0	
C.1.2	HIP Diaphragm	HIP Diaphragm		-	
C.1.3	LP Rotor	LP Rotor		-	
C.1.3.1	Sleeve for Coupling Bolt (LP-GEN)	Sleeve for Coupling Bolt (LP(B)-GEN)	Piece	4,0	
C.1.3.2	Honing Tool (2 Ranges)	(N/A)	Piece	1,0	
C.1.4	LP Diaphragm	LP Diaphragm			
D.	INSTRUMENT & CONTROL	INSTRUMENT & CONTROL		-	
D.1	HP and LP Feedwater Heaters and Deaerator	HP and LP Feedwater Heaters and Deaerator			
D.1.1.1.3		Level Gauge + Scale Plate (Magnetic float type for LP#3 Heater)	Piece	1,0	
D.1.1.1.4		Level Gauge + Scale Plate (Magnetic float type for LP#4 Heater)	Piece	1,0	
D.1.1.2.2		Spare Part Indicator (Magnetic float type for LP Heater)	Piece	4,0	
D.1.1.2.3		Spare Part Indicator (Magnetic float type for LP Heater)	Piece	4,0	
D.1.1.2.4		Spare Part Indicator (Magnetic float type for LP Heater)	Piece	4,0	
D.1.1.3.2		Level Gauge (Reflex type for HP heater/Deaerator)	Piece	1,0	
D.1.1.3.3		Level Gauge (Reflex type for HP heater/Deaerator)	Piece	1,0	
D.1.1.3.4		Level Gauge (Reflex type for HP heater/Deaerator)	Piece	1,0	
D.1.1.4.2		Glasses & Packing (Reflex type for HP heater/Deaerator)	Piece	2,0	
D.2	CONDENSER	CONDENSER		-	
F.2	GASKET	GASKET		-	
F.2.1	ASME150# TEFLON GASKET (RF)	ASME150# TEFLON GASKET (RF)		-	
F.2.1.1	1/2 "	(N/A)	Piece	1,0	
F.2.1.2	1 "	(N/A)	Piece	1,0	
F.2.1.3	2 "	(N/A)	Piece	1,0	
F.2.2	ASME150# NATURAL RUBBER (RF)	ASME150# NATURAL RUBBER (RF)			
F.2.2.1	1/2 "	(N/A)	Piece	1,0	
F.2.2.2	1 "	(N/A)	Piece	1,0	
F.2.2.3	2 "	(N/A)	Piece	1,0	
F.2.2.4	3 "	(N/A)	Piece	1,0	
F.2.2.5	4 "	(N/A)	Piece	1,0	
F.2.2.6	6 "	(N/A)	Piece	1,0	
F.2.2.7	8 "	(N/A)	Piece	1,0	
F.2.2.8	10 "	(N/A)	Piece	1,0	
F.2.3	SME 300# SPIRAL WOUND GASKET (SS316/GRAPHITE/SS316)	SME 300# SPIRAL WOUND GASKET (SS316/GRAPHITE/SS316)			
F.2.3.1	4 "	(N/A)	Piece	1,0	
F.2.3.2	6 "	(N/A)	Piece	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
F.2.4	ASME 600# SPIRAL WOUND GASKET (DUPLEX/GRAPHITE/DUPLEX)	ASME 600# SPIRAL WOUND GASKET (DUPLEX/GRAPHITE/DUPLEX)		-	
F.2.4.1	6 "	(N/A)	Piece	1,0	
F.2.4.2	8"	(N/A)	Piece	1,0	
F.3	FOR VALVE	FOR VALVE		-	
F.3.1	DIAPHRAGM FOR DIAPHRAGM VALVE (MATERIAL : TEFLON)	DIAPHRAGM FOR DIAPHRAGM VALVE (MATERIAL : TEFLON)		-	
F.3.1.1	1/2 "	(N/A)	Piece	1,0	
F.3.1.2	1 "	(N/A)	Piece	1,0	
F.3.1.3	2 "	(N/A)	Piece	1,0	
F.3.1.4	3 "	(N/A)	Piece	1,0	
F.3.2	DIAPHRAGM FOR DIAPHRAGM VALVE (MATERIAL : EPDM)	DIAPHRAGM FOR DIAPHRAGM VALVE (MATERIAL : EPDM)		-	
F.4	FOR CENTRIFUGAL PUMPS	FOR CENTRIFUGAL PUMPS		-	
F.4.1	FOR DAF RECYCLE PUMP	FOR DAF RECYCLE Pump (1 set)		-	
F.4.1.1	MECHANICAL SEAL	(N/A)	Set	1,0	
F.4.1.2	BEARING (IN/OUT BOARD)	(N/A)	Piece	1,0	
F.4.2	FOR DMF FEED PUMP	FOR DMF FEED Pump (1 set)		-	
F.4.2.1	MECHANICAL SEAL	(N/A)	Set	1,0	
F.4.2.2	BEARING (IN/OUT BOARD)	(N/A)	Piece	1,0	
F.4.3	FOR SLUDGE TRANSFER PUMP	FOR SLUDGE TRANSFER Pump (1 set)		-	
F.4.3.1	MECHANICAL SEAL	(N/A)	Set	1,0	
F.4.3.2	BEARING (IN/OUT BOARD)	(N/A)	Piece	1,0	
F.4.4	FOR FILTERED WATER TRANSFER PUMP	UF FEED Pump		-	
F.4.4.1	MECHANICAL SEAL		Set	1,0	
F.4.5	FOR SWRO HIGHPRESSURE PUMP	FOR SWRO HIGHPRESSURE Pump (1 set)		-	
F.4.5.1	MECHANICAL SEAL	(N/A)	Set	1,0	
F.4.5.2	BEARING (IN/OUT BOARD)	(N/A)	Piece	1,0	
F.4.6	FOR CHEMICAL CLEANING PUMP	FOR CHEMICAL CLEANING Pump (1 set)		-	
F.4.7	FOR RO FLUSHING PUMP	FOR RO FLUSHING Pump (1 set)		-	
F.4.7.1	MECHANICAL SEAL	(N/A)	Set	1,0	
F.4.7.2	BEARING	(N/A)	Piece	1,0	
F.4.8	FOR ERT	FOR ERT (1 set)		-	
F.4.8.1	MAINTENANCE KIT	(N/A)	Set	1,0	
F.4.8.2	BEARING	(N/A)	Piece	1,0	
F.4.9	FOR BWRO FEED PUMP	FOR BWRO FEED Pump (1 set)		-	
F.4.9.1	MECHANICAL SEAL	(N/A)	Set	1,0	
F.4.9.2	BEARING (IN/OUT BOARD)	(N/A)	Piece	1,0	
F.4.9.3	SLEEVE	(N/A)	Piece	1,0	
F.4.10	FOR BWRO HIGHPRESSURE PUMP	FOR BWRO HIGHPRESSURE Pump (1 set)		-	
F.4.11	FOR DEMI. FEED PUMP	FOR DEMI. FEED Pump (1 set)		-	
F.4.11.3	SLEEVE	(N/A)		-	
F.4.12	FOR REGENERATION PUMP	FOR REGENERATION Pump (1 set)		-	
F.4.12.3	SLEEVE	(N/A)	Piece	1,0	
F.4.13	FOR NEUTRALIZATION AND EFFLUENT PUMP	FOR NEUTRALIZATION AND EFFLUENT Pump (1 set)		-	
F.4.13.1	MECHANICAL SEAL	(N/A)	Set	1,0	
F.4.13.2	BEARING (IN/OUT BOARD)	(N/A)	Piece	1,0	
F.4.14	FOR POTABLE WATER PUMP	FOR POTABLE WATER Pump (1 set)		-	
F.4.14.1	MECHANICAL SEAL	(N/A)	Set	1,0	
F.4.14.2	BEARING (IN/OUT BOARD)	(N/A)	Piece	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
F.5	DIAPHRAGM METERING PUMP	DIAPHRAGM METERING Pump		-	
F.5.1	FOR COAGULANT DOSING PUMP	FOR COAGULANT Dosing Pump (1 set)		-	
F.5.1.1	DIAPHRAGM	(N/A)	Piece	1,0	
F.5.1.2	SUCTION VALVE ASS'Y	(N/A)	Piece	1,0	
F.5.1.3	DISCHARGE VALVE ASS'Y	(N/A)	Piece	1,0	
F.5.2	FOR COAGULANT AID DOSING PUMP	FOR COAGULANT AID Dosing Pump (1 set)		-	
F.5.2.1	DIAPHRAGM	(N/A)	Piece	1,0	
F.5.2.2	SUCTION VALVE ASS'Y	(N/A)	Piece	1,0	
F.5.2.3	DISCHARGE VALVE ASS'Y	(N/A)	Piece	1,0	
F.5.3	FOR NAOCL DOSING PUMP	FOR NAOCL Dosing Pump (1 set)		-	
F.5.4	FOR CAUSTIC DOSING PUMP	FOR Caustic Dosing Pump (1 set)		-	
F.5.4.1	DIAPHRAGM	(N/A)	Piece	1,0	
F.5.4.2	SUCTION VALVE ASS'Y	(N/A)	Piece	1,0	
F.5.4.3	DISCHARGE VALVE ASS'Y	(N/A)	Piece	1,0	
F.5.5	FOR SBS DOSING PUMP	FOR SBS Dosing Pump (1 set)		-	
F.5.6	FOR ANTISCALANT DOSING PUMP	FOR ANTISCALANT Dosing Pump (1 set)		-	
F.5.7	FOR ACID DOSING PUMP FOR REGEN & NEUT.	FOR COAGULANT AID Dosing Pump (1 set)		-	
F.5.8	FOR CAUSTIC DOSING PUMP FOR REGEN. & NEUT.	FOR Caustic Dosing Pump FOR REGEN. & NEUT. (1 set)		-	
F.5.8.1	DIAPHRAGM	(N/A)	Piece	1,0	
F.5.8.2	SUCTION VALVE ASS'Y	(N/A)	Piece	1,0	
F.5.8.3	DISCHARGE VALVE ASS'Y	(N/A)	Piece	1,0	
F.5.9	FOR CACL2 DOSING PUMP FOR POTABLE WATER	FOR CACL2 Dosing Pump FOR POTABLE WATER		-	
F.5.9.1	DIAPHRAGM	(N/A)	Piece	1,0	
F.5.9.2	SUCTION VALVE ASS'Y	(N/A)	Piece	1,0	
F.5.9.3	DISCHARGE VALVE ASS'Y	(N/A)	Piece	1,0	
F.5.10	FOR NAHCO3 DOSING PUMP FOR POTABLE WATER	FOR NAHCO3 Dosing Pump FOR POTABLE WATER		-	
F.5.10.1	DIAPHRAGM	(N/A)	Piece	1,0	
F.5.10.2	SUCTION VALVE ASS'Y	(N/A)	Piece	1,0	
F.5.10.3	DISCHARGE VALVE ASS'Y	(N/A)	Piece	1,0	
F.5.11	FOR NAOCL DOSING PUMP FOR POTABLE WATER	FOR NAOCL Dosing Pump FOR POTABLE WATER (1 set)		-	
F.6	FOR AIR BLOWER	FOR AIR BLOWER		-	
F.6.1	FOR FILTER BACKWASH AIR BLOWER	FOR FILTER BACKWASH AIR BLOWER	Piece	1,0	
F.7	FOR AGITATOR	FOR Agitator		-	
F.7.1	AGITATOR FOR COAGULANT AID DOSING TANK	Agitator FOR Chemical Cleaning Tank for RO & UF	Piece	1,0	
F.7.2	AGITATOR FOR SBS DOSING TANK	Agitator FOR SBS Dosing Tank	Piece	1,0	
F.7.3	AGITATOR FOR ANTISCALANT DOSING TANK	Agitator FOR ANTISCALANT Dosing Tank	Piece	1,0	
F.8	FOR MICRO CARTRIDGE FILTER	FOR MICRO CARTRIDGE FILTER		-	
F.9	INSTRUMENTS AND CONTROLS	INSTRUMENTS AND CONTROLS		-	
F.9.1	FOR PLC	FOR PLC		-	
F.9.1.6	ALARM UNIT	(N/A)	Piece	1,0	
F.9.2	FOR PH METER	FOR PH METER		-	
F.9.2.2.2	STANDARD SOLUTION (500ML)	STANDARD SOLUTION pH10 (500 ml)		1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
F.9.3	FOR CONDUCTIVITY METER	FOR CONDUCTIVITY METER	Piece	1,0	
F.9.4	FOR SILICA ANALYZER	FOR SILICA ANALYZER	Piece	1,0	
F.10	ELECTRICALS	ELECTRICALS		-	
F.14	Chemical dosing system	Chemical dosing system		-	
F.14.1	- RPM kit for dosing pump	RPM kit for Dosing Pump	Set	1,0	
F.15	Sampling System	Sampling System		-	
F.15.9	Spare parts for Sodium analyzer	Spare parts for Sodium analyzer	Piece	1,0	
F.15.13		- Spare kit AW601155	set	-	
F.16	Sump pump (Drainage system)	Sump pump (Drainage system)		-	
F.16.1	Vertical Sump Pump	Vertical Sump Pump		1,0	
F.16.2	Submersible Sump Pump	Submersible Sump Pump		1,0	
F.17	Effluent Monitoring System	Effluent Monitoring System		-	
F.19	WWTP	Waste Water Treatment Plant		-	
F.19.1	Centrifugal Pump	Centrifugal Pump (12 EA) - Irregular Waste Water Feed Pump - Regular Waste Water Feed Pump - Sludge Transfer Pump - Filter Feed Sump Pump - Filter Backwash Pump - Backwash Wastewater Pump - Effluent Pump - Thickened Sludge Transfer Pump - Oily Waste Water Feed Pump - Acid Transfer Pump - Alkali Transfer Pump - Coagulant Transfer Pump		-	
F.19.1.1	- Bearing	- Bearing		-	
F.19.1.1.1.1		Bearing #6207 (1EA)	Piece	1,0	
F.19.1.1.1.2		Bearing #5306 (1EA)	Piece	1,0	
F.19.1.1.2.1		Bearing NU309 (1EA)	Piece	1,0	
F.19.1.1.2.2		Bearing #5309 (1EA)	Piece	1,0	
F.19.1.1.3.1		Bearing #6207 (1EA)	Piece	1,0	
F.19.1.1.3.2		Bearing #5306 (1EA)	Piece	1,0	
F.19.1.1.3.3		Sleeve (Φ35x95L,A479-304) (1EA)	Piece	1,0	
F.19.1.1.4.1		Bearing #6207 (1EA)	Piece	1,0	
F.19.1.1.4.2		Bearing #5306 (1EA)	Piece	1,0	
F.19.1.1.4.3		Sleeve (Φ35x110L,FRP) (1EA)	Piece	1,0	
F.19.1.1.5.1		Bearing #6207 (1EA)	Piece	1,0	
F.19.1.1.5.2		Bearing #5306 (1EA)	Piece	1,0	
F.19.1.1.5.3		Sleeve (Φ35x110L,FRP) (1EA)	Piece	1,0	
F.19.1.2	- Mechanical Seal	- Mechanical Seal		-	
F.19.1.2.1.1		for Oily waste water feed pump P0GNB02/03AP001	Piece	1,0	
F.19.1.2.2.1		for Thickened Sludge transfer pumps P0GNS10/11AP001	Piece	1,0	
F.19.1.3.1	Centrifugal Pump - Sleeve	Sleeve - Irregular Waste Water Feed Pump	Piece	1,0	
F.19.1.3.2	Centrifugal Pump - Sleeve	Sleeve - Regular Waste Water Feed Pump	Piece	1,0	
F.19.1.3.3	Centrifugal Pump - Sleeve	Sleeve - Sludge Transfer Pump	Piece	1,0	
F.19.1.3.4	Centrifugal Pump - Sleeve	Sleeve - Filter Feed Sump Pump	Piece	1,0	
F.19.1.3.5	Centrifugal Pump - Sleeve	Sleeve - Backwash Waste Water Pump	Piece	1,0	
F.19.1.3.6	Centrifugal Pump - Sleeve	Sleeve - Filter Backwash Pump	Piece	1,0	
F.19.1.3.7	Centrifugal Pump - Sleeve	Sleeve - Effluent Pump	Piece	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
F.19.2	Diaphragm Pump (1.7L/min)	Diaphragm Pump (7 EA) - Acid Dosing Pumps for Mixing Tank - Acid Dosing Pump for Final pH Adjustment Tank - Alkali Dosing Pumps for Mixing Tank - Alkali Dosing Pumps for Final pH Adjustment Tank - Coagulant Dosing Pump - Flocculant Dosing Pump - C-polymer Dosing Pump		-	
F.19.2.1.1	Alkali Dosing Pump for Mixing Tank P0GNN25/26AP001	Diaphragm, Membrane #MEHRL-AU	Piece	1,0	
F.19.2.1.2	Acid Dosing Pump for Final pH Adjustment Tank P0GNN46/47AP001	Diaphragm, Membrane #MEHRL-AU	Piece	1,0	
F.19.2.1.3	Alkali Dosing Pump for Final pH Adjustment Tank P0GNN29/30AP001	Diaphragm, Membrane #MEHRL-AU	Piece	1,0	
F.19.2.1.4	Flocculant Dosing Pump P0GNN03/04AP001	Diaphragm, Membrane #MEHRL-AU	Piece	1,0	
F.19.2.1.5	Acid Dosing Pump for Mixing Tank P0GNN42/43AP001	Diaphragm, Membrane #MEHRL-AU	Piece	1,0	
F.19.2.3.1	Alkali Dosing Pump for Mixing Tank P0GNN25/26AP001	- Gasket, Sealing #21,5X 31,5X (4 EA) - Gasket, Sealing #23,5X 28,5X (2 EA) - Grooved ring, Slotring #20X (1 EA)		-	
F.19.2.3.1.1		Gasket, Sealing #21,5X 31,5X (4 EA)		4,0	
F.19.2.3.1.2		Gasket, Sealing #23,5X 28,5X (2 EA)		2,0	
F.19.2.3.1.3		Grooved ring, Slotring #20X (1 EA)	Piece	1,0	
F.19.2.3.2	Acid Dosing Pump for Final pH Adjustment Tank P0GNN46/47AP001	- O-ring #20,2 X 3,5 (2 EA) - Grooved ring, Slotring #14X (1 EA) - Dichtung #20 x 32 x 2 (4 EA)		-	
F.19.2.3.2.1		O-ring #20,2 X 3,5 (2 EA)		2,0	
F.19.2.3.2.2		Grooved ring, Slotring #14X (1 EA)	Piece	1,0	
F.19.2.3.2.3		Dichtung #20 x 32 x 2 (4 EA)		4,0	
F.19.2.3.3	Alkali Dosing Pump for Final pH Adjustment Tank P0GNN29/30AP001	- Gasket, Sealing #18 x 23,5 x 1 (2 EA) - Gasket, Sealing #19,5 x 23,5 (4 EA) - Grooved ring, Slotring #14X (1 EA)		-	
F.19.2.3.3.1		Gasket, Sealing #18 x 23,5 x 1 (2 EA)		2,0	
F.19.2.3.3.2		- Gasket, Sealing #19,5 x 23,5 (4 EA)		4,0	
F.19.2.3.3.3		- Grooved ring, Slotring #14X (1 EA)	Piece	1,0	
F.19.2.3.4	Flocculant Dosing Pump P0GNN03/04AP001	- Gasket, Sealing #21,5X 31,5X (4 EA) - Gasket, Sealing #23,5X 28,5X (2 EA) - Grooved ring, Slotring #20X (1 EA)		-	
F.19.2.3.4.1		Gasket, Sealing #21,5X 31,5X (4 EA)		4,0	
F.19.2.3.4.2		Gasket, Sealing #23,5X 28,5X (2 EA)		2,0	
F.19.2.3.4.3		Grooved ring, Slotring #20X (1 EA)	Piece	1,0	
F.19.2.3.5	Acid Dosing Pump for Mixing Tank P0GNN42/43AP001	O-ring #20,2 X 3,53 (2 EA) O-ring #29 X 2,62 (2 EA) O-ring #34 X 3,53 (4 EA) Grooved ring, Slotring #20X (1 EA)		-	
F.19.2.3.5.1		O-ring #20,2 X 3,53 (2 EA)		2,0	
F.19.2.3.5.2		O-ring #29 X 2,62 (2 EA)		2,0	
F.19.2.3.5.3		O-ring #34 X 3,53 (4 EA)		4,0	
F.19.2.3.5.4		Grooved ring, Slotring #20X (1 EA)	Piece	1,0	
F.19.3	Diaphragm Pump (2.9L/min)			-	
F.19.3.1	- Diaphragm		Piece	1,0	
F.19.3.2	- Check Ball		Piece	1,0	
F.19.3.3	- O-Ring		Piece	1,0	
F.19.3.4	- Air Chamber		Piece	1,0	
F.19.3.5	- Back pressure		Piece	1,0	
F.19.4	Diaphragm Pump (9.8L/min)			-	
F.19.4.1	- Diaphragm		Piece	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
F.19.4.2	- Check Ball		Piece	1,0	
F.19.4.3	- O-Ring		Piece	1,0	
F.19.4.4	- Air Chamber		Piece	1,0	
F.19.4.5	- Back pressure		Piece	1,0	
F.19.5	Mono Pump			-	
F.19.5.1	- Rotor		Piece	1,0	
F.19.5.2	- Stator		Piece	1,0	
F.19.5.3	- Coupling Rod Set		Piece	1,0	
F.19.6	Belt Press			-	
F.19.6.1	- Tamis		Piece	1,0	
F.19.6.2	- Cam valve		Piece	1,0	
F.19.6.3	- Scraper		Piece	1,0	
F.19.6.4	- Limit S/W		Piece	1,0	
F.19.6.5	- Nozzle		Piece	1,0	
F.19.7	Agitator	Agitator (9 EA) - Mixing Tank - Coagulation Tank - Flocculation Tank - Final pH Adjustment Tank - Flocculant (polymer) Preparation Tank - Alkali Dilution Tank - Coagulant Dilution Tank - Driven Unit for Sludge Thickener - Driven Unit for Sedimentation Tank		-	
F.19.7.1.2		Bearing & Oil Seal for Agitator for Mixing Tank P0GNN09/10AM001		-	
F.19.7.1.2.1		Bearing 6206B 2Z (1EA)	EA	1,0	
F.19.7.1.2.2		Bearing 6205Z (1EA)	EA	1,0	
F.19.7.1.2.3		Oil seal 55x78x12 (1EA)	EA	1,0	
F.19.7.1.4		Bearing & Oil Seal for Agitator for Coagulation Tank P0GNN09/10AM002		-	
F.19.7.1.4.1		Bearing 6206B 2Z (1EA)	EA	1,0	
F.19.7.1.4.2		Bearing 6205Z (1EA)	EA	1,0	
F.19.7.1.4.3		Oil seal 55x78x12 (1EA)	EA	1,0	
F.19.7.1.6		Bearing & Oil Seal for Agitator for Final pH Adjustment Tank P0GNN31AM001		-	
F.19.7.1.6.1		Bearing 6206B 2Z (1EA)	EA	1,0	
F.19.7.1.6.2		Bearing 6205Z (1EA)	EA	1,0	
F.19.7.1.6.3		Oil seal 40x32x8 (1EA)	EA	1,0	
F.19.8	Polymer Auto Dissolving System			-	
F.19.8.1	- Sol v/v	(N/A)	Piece	1,0	
F.19.8.2	- Fuzz lamp	(N/A)	Piece	1,0	
F.19.9	Analyzer, Instrument			-	
F.19.10	STS			-	
F.19.11	Submersible Pumps	Submersible Pumps	set	-	
F.19.14	Air Blower	Air Blower		-	
F.19.14.1	Air Blower P0GNC20/21AN001 Air Blower P0GNC01/02/03AN001	- V-Belt C-79 (3 EA) - V-Belt 5V-1140 (4 EA)		-	
F.19.14.1.2	Air Blower P0GNC01/02/03AN001	- V-Belt 5V-1140 (4 EA)	EA	4,0	
F.19.14.2	Air Blower P0GNC20/21AN001 Air Blower P0GNC01/02/03AN001			-	
F.19.14.2.1	Air Blower P0GNC20/21AN001	- Bearing NU309EWC3 (2 EA) - Bearing 5309C3 (2 EA)		-	
F.19.14.2.1.2		Bearing 5309C3 (2 EA)	EA	2,0	
F.19.14.2.2	Air Blower P0GNC01/02/03AN001	- Bearing NU313E.TVP2 (2 EA) - Bearing 6313-B (2 EA)		-	
F.19.14.2.2.1		Bearing NU313E.TVP2 (2 EA)	EA	2,0	
F.19.14.2.2.2		Bearing 6313-B (2 EA)	EA	2,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
F.19.14.3	Air Blower P0GNC20/21AN001 Air Blower P0GNC01/02/03AN001	- Oil Seal 58x83x12 (10 EA) - Oil seal 85x110x13 (8 EA) - Oil seal 80x105x13 (2 EA)		-	
F.19.14.3.2	Air Blower P0GNC01/02/03AN001	- Oil seal 85x110x13 (8 EA) - Oil seal 80x105x13 (2 EA)	Set	-	
F.19.14.3.2.1		Oil seal 85x110x13 (8 EA)	EA	8,0	
F.19.14.3.2.2		Oil seal 80x105x13 (2 EA)	EA	2,0	
F.19.15	Oil Sludge Pump	Oil Sludge Pump		-	
I	Mechanical	Mechanical		-	
I.1	BFP	BFP		-	
I.1.1	Main Boiler Feedwater Pumps	Main Boiler Feedwater Pumps		-	
I.1.1.1	Casing ring	Casing Ring	Piece	1,0	
I.1.1.2	Inter Bush	Balance Bush	Piece	1,0	
I.1.1.3	Balance Bush	Balance Bush	Piece	1,0	
I.1.1.8	O-Ring & Gasket	O-Ring & Gasket	Piece	1,0	
I.1.1.8	O-RING	O-RING	Piece	1,0	
I.1.1.8	SPIRAL WOUND GASKET	SPIRAL WOUND GASKET	Piece	1,0	
I.1.1.10	Impeller	IMPELLER	Piece	1,0	
I.1.2	Boiler Feed Booster Pumps	Boiler Feed Booster Pumps		-	
I.1.2.4.2	Mechanical Seal	MECHANICAL SEAL (DE)	Set	1,0	
I.1.2.6	O-Ring & Gasket	O-Ring & Gasket	Piece	1,0	
I.1.3	Start-Up Boiler Feedwater Pump - Motor Driven	Start-Up Boiler Feedwater Pump - Motor Driven		-	
I.1.3.1	Casing ring	CASING RING	Set	1,0	
I.1.3.2	Inter Bush	INTER BUSH	Set	1,0	
I.1.3.3	Balance Bush	BALANCE BUSH	Set	1,0	
I.1.3.8	O-Ring & Gasket	O-Ring & Gasket	Set	1,0	
I.1.3.10	Impeller	IMPELLER	Set	1,0	
I.1.3.11	Spacer of Diaphragm Coupling	COUPLING SPACER	Set	1,0	
I.2	COP	COP (CEP)		-	
I.2.1	Mechanical seal	Mechanical Seal (DE+NDE)	Set	1,0	
I.2.2	Casing ring	Casing ring	Set	1,0	
I.2.3.1	Gasket & O-ring	Gasket 1733A	Set	21,0	
I.2.3.2	Gasket & O-ring	Gasket 1733B	Set	7,0	
I.2.3.3	Gasket & O-ring	Oring 1732B	Set	11,0	
I.2.3.4	Gasket & O-ring	Oring 1732D	Set	7,0	
I.2.4	Journal Bearing	Journal Bearing	Set	1,0	
I.3	CWP	CWP		-	
I.3.1	Gasket & O-ring	(N/A)	Piece	1,0	
I.3.2	Packing	(N/A)	Piece	1,0	
I.3.3	Sleeve	(N/A)	Piece	1,0	
I.3.4	Journal Bearing	(N/A)	Piece	1,0	
I.3.5	Thrust Bearing	(N/A)	Piece	1,0	
I.4	General Service Pump	General Service Pump		-	
I.4.5	Service Water Transfer Pumps	Service Water Transfer Pumps		-	
I.4.7	Condensate Transfer Pumps	Condensate Transfer Pump		-	
I.4.8	Closed Cooling Water Pumps	Closed Cooling Water Pumps		-	
I.4.8.5	Sleeve	(N/A)	Piece	1,0	
I.4.9	Aux. Cooling Water Pumps	Aux. Cooling Water Pumps		-	
I.4.9.5	Sleeve	(N/A)	Set	1,0	
I.4.10	Potable Water Transfer Pumps	Potable water Pump		-	
I.4.13	LDO Unloading Pumps	LDO Unloading Pumps (deleted item)		-	
I.4.13.1	Bearing	(N/A)	Piece	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
I.4.13.2	Mechanical Seal	(N/A)	Set	1,0	
I.4.13.3	Shaft Sleeve	(N/A)	Piece	1,0	
I.4.15	Clean & Dirty Lube Oil Pumps	Clean & Dirty Lube Oil Pumps		-	
I.4.15.1	Mechanical Seal	Mechanical Seal	Set	1,0	
I.4.15.2	Shaft Sleeve	(N/A)	Piece	1,0	
I.4.16	Demi Water Supply Pumps	Demi. Water supply Pump		-	
I.5.4	IP Bypass	IP Bypass		-	
I.5.4.4		IP Bypass- Pressure seal	Set	4,0	
I.5.5	IP bypass TCV	IP bypass TCV		-	
I.5.5.3		IP bypass TCV- Balance seal	Set	4,0	
I.5.8	PRDS, CRH to HP aux.	PRDS, CRH to HP aux.		-	
I.5.8.4		PRDS, CRH to HP aux. - Balance seal	Set	2,0	
I.5.9	PRDS, HP aux. to LP aux.	PRDS, HP aux. to LP aux.		-	
I.5.9.4		PRDS, HP aux. to LP aux. - Balance seal	Set	2,0	
I.5.10	PRDS, HP aux. to LP aux.TCV	PRDS, HP aux. to LP aux.TCV		-	
I.6	MOV (Gate, Globe)	MOV (Gate, Globe)		-	
I.6.4	Interface board	(N/A)	Piece	1,0	
I.6.5	Logic board	(N/A)	Piece	1,0	
I.9.2	10K Aux. Steam Header	CRH Secondary PRDS		-	
I.9.2.4	Gasket	N/A	Piece	1,0	
I.12	Air Compressor	Air Compressor		-	
I.12.1	Gasket Sets, for discharge flange connection for compressor	(N/A)	Piece	1,0	
I.12.6.1	Set of cartridges for dryer pre-filters	Set of cartridges for dryer pre-filters		8,0	
I.12.10	Set of cartridges for service air filters	(N/A)	Set	1,0	
I.14.10	Condensate / Regeneration pump - Monorail Hoist	Condensate / Regeneration Pump - Monorail Hoist : (N/A) (Deleted item)		-	
I.14.10.1	Main hoist brake wheel	(N/A)	Piece	1,0	
I.14.10.2	Main brake lining	(N/A)	Piece	1,0	
I.14.10.3	Traversing brake wheel	(N/A)	Piece	1,0	
I.14.10.4	Traversing brake lining	(N/A)	Piece	1,0	
I.14.16	Pretreatment area pump - Monorail Hoist	Pretreatment area Pump - Monorail Hoist : (N/A) (Deleted item)		-	
I.14.16.1	Main hoist brake wheel	(N/A)	Piece	1,0	
I.14.16.2	Main brake lining	(N/A)	Piece	1,0	
I.14.16.3	Traversing brake wheel	(N/A)	Piece	1,0	
I.14.16.4	Traversing brake lining	(N/A)	Piece	1,0	
I.14.17	Condenser Vacuum pump - Monorail Hoist	Condenser Vacuum Pump - Monorail Hoist		-	
I.14.18	Water Transfer pump - Monorail Hoist	Water Transfer Pump - Monorail Hoist		-	
I.16	N2 Gas System	N2 Gas System		-	
I.16.8		GASKET, 2" #300, SPIRAL WOUND	Piece	2,0	
J	Electrical			-	
J.1	Isolated Phase Busduct	Isolated Phase Busduct		-	
J.1.13	Hardware (fixing)	Fixing for Auxiliary link	Piece	1,0	
J.2	Generator Transformer	Generator Transformer		-	
J.2.7.2	Pressure relief device of each type	Pressure relief device of each type - 10PSI	Piece	1,0	
J.3	Unit Aux. Transformer	Unit Aux. Transformer		-	
J.3.2.1	L.V Bushing	LV Bushing(49/70MVA)	Piece	1,0	
J.3.2.2	LV Neutral Bushing	LV Neutral Bushing(24/35MVA)	Piece	1,0	
J.3.7.2	Buchholz Relay	BUCHHOLZ RELAY		2,0	
J.4	CT, LAVT & NGT : N/A			-	
J.5	GCB	GCB		-	

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J.5.5	Kit for Low Voltage	Kit for Low Voltage	Set	1,0	
J.5.8	Consumable kit	Consumable kit	Set	1,0	
J.6	Protection Panels, Metering Panel, Disturbance Recorder	Protection Panels, Metering Panel, Disturbance Recorder		-	
J.7	220V DC SYSTEM:	220V DC SYSTEM:		-	
J.7.3	Fuse : FUSIBLE 10.3 X 38 2A GG	N/A	Piece	1,0	
J.7.6	Thermostat 100°C	N/A	Piece	1,0	
J.7.10	PCB : RTF	N/A	Piece	1,0	
J.7.11	PCB : ARC	N/A	Piece	1,0	
J.7.12	PCB : SER-DR16	N/A	Piece	1,0	
J.8	UPS SYSTEM	UPS SYSTEM		-	
J.8.2	Fuse : MICRO INT PER FUS URZ21 SIBA	N/A	Piece	1,0	
J.8.6	Fuse : 6.3 x 32, 1A	N/A	Piece	1,0	
J.8.8	Thermostat 100°C	N/A	Piece	1,0	
J.8.12	PCB : RTF	N/A	Piece	1,0	
J.8.13	Capacitor 2uF 1000V	N/A	Piece	1,0	
J.8.14	PCB : DR-SAT pcb	N/A	Piece	1,0	
J.8.15	PCB : FMC pcb	N/A	Piece	1,0	
J.8.16	PCB : 2SCR-FIR Red Led pcb	N/A	Piece	1,0	
J.8.17	PCB : 2SCR-FIR Green Led pcb	N/A	Piece	1,0	
J.8.18	PCB : PS-SATpcb	N/A	Piece	1,0	
J.8.19	VCB-CUS pcb	N/A	Piece	1,0	
J.8.20	PCB : RCB-BF pcb	N/A	Piece	1,0	
J.8.21	PCB : INV-AV-1F 230V pcb	N/A	Piece	1,0	
J.8.22	PCB : VOLT REF-1F pcb	N/A	Piece	1,0	
J.8.23	PCB : FCI	N/A	Piece	1,0	
J.8.24	PCB : ARC	N/A	Piece	1,0	
J.8.25	PCB : PS-DEC	N/A	Piece	1,0	
J.8.26	PCB : PWM-SAT pcb	N/A	Piece	1,0	
J.8.28	Thermostat 80°C	N/A	Piece	1,0	
J.9	HT (11kV) Cables : N/A			-	
J.10	LT Power Cable : N/A			-	
J.11	LT Control Cable : N/A			-	
J.12	Earthing&Lightening : N/A			-	
J.13	Communication System	Communication System		-	
J.13.1	PABX System	PABX System		-	
J.13.1.2	Indoor Desk Type Telephone Set	Indoor Desk Type Telephone Set	Piece	6,0	
J.13.1.3	Indoor Wall Type Telephone Set	Indoor Wall Type Telephone Set	Piece	1,0	
J.13.1.4.2	Indoor Wall Type Telephone Set w/Booth, Bell, Light	Indoor Wall Type: Booth		3,0	
J.13.1.4.3		Indoor Wall Type: Bell, Light		3,0	
J.13.1.5	Outdoor Wall Type Telephone Set w/Booth, Bell, Light	(N/A)	Piece	1,0	
J.13.1.6	Outdoor Pole Type Telephone Set w/Booth, Bell, Light	(N/A)	Piece	1,0	
J.13.2	Public Address System	Public Address System		-	
J.13.2.1	Integral Amplifier - Power Amplifier 4x125W	Integral Amplifier - Power Amplifier 2x250W	Piece	1,0	
J.13.2.3	Weather Loudspeaker - 10watts	(N/A)	Piece	1,0	
J.13.2.4	Weather Loudspeaker - 30watts	Weather Loudspeaker - 30watts	Piece	2,0	
J.13.2.5	Weather Loudspeaker - 15watts	Weather Loudspeaker - 15watts	Piece	12,0	
J.13.2.6	Weather proof Junction Box - 30P	Weather proof Junction Box - 30P	Piece	2,0	
J.13.3	LAN System	LAN System		-	
J.13.3.2	SE SFP, LC connector LX/LH transceiver	1000BASE LH SFP Transceiver Module MMF/SMF 1310nm DOM	Piece	1,0	
J.13.3.3	SMARTNET 8X5XNBD Catalyst 2970S Stack	SMARTNET 8X5XNBD Catalyst 2970S Stack	Piece	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
J.13.3.4	F/O Patch Cord	F/O Patch Cord	Piece	24,0	
J.13.3.5	F/O Patch Panel (24Port)	F/O Patch Panel (24Port)	Piece	1,0	
J.13.3.6	UTP Patch Cord	UTP Patch Cord	Piece	24,0	
J.13.3.7	UTP Patch Panel (24Port)	UTP Patch Panel (24Port)	Piece	1,0	
J.13.4	Radio System	Radio System		-	
J.13.4.2	Spare Battery	Spare Battery	Piece	4,0	
J.13.4.3	Carrying case	Carrying case	Piece	4,0	
J.13.4.4	Remote Microphone (FM Approval)	Remote Microphone (FM Approval)	Piece	4,0	
J.13.4.5	6slot Battery charger	6 slot Battery charger	Piece	1,0	
J.13.5	CCTV System			-	
J.13.5.1	Outdoor Fixed HD Camera w/ 5m pole	N/A	Piece	1,0	
J.13.5.3	Junction Box	N/A	Piece	1,0	
J.14	MV Switchgear	MV Switchgear		-	
J.15	LV Switchgear, MCC	LV Switchgear, MCC		-	
J.15.20.2		PUSH BUTTON S/W(25Pi, AC230V, 1NO+1NC, Red LED)		3,0	
J.15.20.3		PUSH BUTTON S/W(25Pi, AC230V, 1NO+1NC, Amber LED)		3,0	
K.1.1	Networking Equipment	Networking Equipment		-	
K.1.1.1	- Switch w/ 24 10/100Mbps copper ports + 2 SFP/1000T	(N/A)	Piece	1,0	
K.1.2	Process Controller	Process Controller		-	
K.1.2.1	- PWA MODULE, CONTROL FIREWALL 9 G3 CC	(N/A)	Piece	1,0	
K.1.2.3	- PWA, CNTRL FIREWALL IOTA 8 PORT 1 UPLINK	(N/A)	Piece	1,0	
K.1.3	Series C I/O Module	Series C I/O Module		-	
K.1.4	Input & Output Termination Assemblies	Input & Output Termination Assemblies		-	
K.1.4.2	- PWA, AO IOTA RED 16 12IN CE CC	(N/A)	Piece	1,0	
K.1.5	Auxiliary Devices	Auxiliary Devices		-	
K.1.5.2	- Alarm Annunciator - 1 Channels	(N/A)	Piece	1,0	
K.1.5.3	- Push Button Switch w/Lamp & Cover, Schlegel	(N/A)	Piece	1,0	
K.1.5.4	- Key Switch 2 Position	(N/A)	Piece	1,0	
K.1.5.5	- OMRON RELAY WITH SOCKET	(N/A)	Piece	1,0	
K.2	Large Screen Display	Large Screen Display		-	
K.2.1	DMD Engine Board (Samsung, SP-DEB)	(N/A)	Piece	1,0	
K.2.2	Control Board (Samsung, SP-CB)	(N/A)	Piece	1,0	
K.2.3	Color Wheel (Samsung, SP-W)	(N/A)	Piece	1,0	
K.2.4	120W Lamp (Samsung, SP-120L)	(N/A)	Piece	1,0	
K.3	Control Valve	Control Valve		-	
K.4	Field Instruments	Field Instruments		-	
K.4.1	Process Measurement Devices	Process Measurement Devices		-	
K.4.1.3.2	- Pressure Gauge	Pressure Gauge (0-5 Bar)	Set	2,0	
K.4.1.3.3	- Pressure Gauge	Pressure Gauge (0-10 Bar)	Set	2,0	
K.4.3	Temp. Measurement Devices	Temp. Measurement Devices		-	
K.4.3.1.2	- Temperature Transmitter with Well	Thermocouple with Thermowell - TT Man 02	Set	1,0	
K.11	CEMS	CEMS		-	
K.11.3	Blower Filter Cartridge for Opacity	(N/A)	Piece	1,0	
K.11.4	Nafion Gas Dryer for Sampling System	(N/A)	Piece	1,0	
K.11.6.2	Calibration Gas s/Regulator(8Set)	Calibration Gas s/Regulator - 214-100-590-DV	Piece	1,0	
K.11.6.3	Calibration Gas s/Regulator(8Set)	Calibration Gas s/Regulator - 214-100-350-DV	Piece	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
K.11.6.4	Calibration Gas s/Regulator(8Set)	Calibration Gas s/Regulator - 234-100-660-DV		3,0	
K.11.8	Chopper Moter for Opacity Analyzer	(N/A)	Piece	1,0	
K.11.9.2	Sample Cell	Sample cell for CO ₂		2,0	
K.11.9.3	Sample Cell	Sample cell for CO	Piece	1,0	
A.1	Sootblower	Sootblower		-	
M01.T.A.1.1	Emergency Air Retract Tool	Emergency Air Retract Tool (1099XPA)	set	1,0	
M01.T.A.1.2	Hand Wrench	Hand wrench (IK545)	pcs	1,0	
M01.T.A.1.3	Hand Crank	Hand crank (IR2H)	pcs	1,0	
M01.T.A.1.4	Valve Spring Depressing Tool	Valve Spring Depressing Tool	set	1,0	
M01.T.A.1.5	Blower Pressure Measuring Device	Blower Pressure Measuring Device (pressure gauge, Y-100, 0-2.5MPa)	set	1,0	
A.2.1'	Forced Draft Fan	Forced Draft Fan		-	
M01.T.A.2.1.1	Impeller mounting & dismounting device (Mechanical parts)	Impeller mounting & dismounting device (Mechanical parts) - DRAW WASHER (V10227334) - 1 pcs - DRAW SLEEVE (V10227330) - 1 pcs	set	1,0	
M01.T.A.2.1.1.1				1,0	
M01.T.A.2.1.1.2				1,0	
M01.T.A.2.1.2	Impeller mounting & dismounting device (Hydraulic parts)	Impeller mounting & dismounting device (Hydraulic parts) - FLUSHING HOSE (1/2", V9003283-0100) - 1 pcs - FLUSHING PLATE - 1 pcs	set	1,0	
M01.T.A.2.1.3	Lifting device for impeller	Lifting device for impeller - LIFTING EYE (V10216613) - 1 pc - LIFTING EYE (V10216587) - 1 pc	set	1,0	
A.2.2'	Combined Induced Draft Fan	Combined Induced Draft Fan		-	
M01.T.A.2.2.1	Impeller mounting & dismounting device (Mechanical parts)	Impeller mounting & dismounting device (Mechanical parts) - Pull On / Off Washer (V10205481) - 1 pc - Pull On / Off Washer (V10205482) - 1 pc - Threaded Bar (M30-8.8 ; L=600 ; FZV P80002487) - 1 pc	set	1,0	
M01.T.A.2.2.2	Impeller mounting & dismounting device (Hydraulic parts)	Impeller mounting & dismounting device (Hydraulic parts) - Flushing Hose (1/2" V9003283-0100) - 1 pc	set	1,0	
M01.T.A.2.2.3	Lifting device for impeller	Lifting device for impeller *supplied by attached on impeller	set	1,0	
A.3	Safety Valves	Safety Valves		-	
M01.T.A.3.1	Lapping Tools	Lapping Tools	set	1,0	
A.4	Boiler Recirculation Pump	Boiler Recirculation Pump		-	
M01.T.A.4.1	Tools Box	Tools Box	set	1,0	
A.5.1	Coal Feeder	Coal Feeder		-	
M01.T.A.5.1.1	Sampling scoop	Sampling Scoop	set	1,0	
M01.T.A.5.1.2	Test chain	Test chain (Calibration/Test Weights)	set	1,0	
A.5.2	Pulverizer	Pulverizer		-	
M01.T.A.5.2.1	Swing Out Device	Swing Out Device	set	1,0	
M01.T.A.5.2.1.1		- Swing Dvice (HSAV27-Ø170/80-2050)	pcs	1,0	
M01.T.A.5.2.1.2		- Pump Troller (HSAV 27/3.6)	pcs	1,0	
M01.T.A.5.2.1.3		- LEVER for Swing Out Device (700 X 122 X 905)	pcs	3,0	
M01.T.A.5.2.1.4		- PIN for Swing Out Device (O.D100 x 135L)	pcs	6,0	
M01.T.A.5.2.1.5		- WASHER for Swing Out Device (5t x O.D90)	pcs	6,0	
M01.T.A.5.2.1.6		- PIN for Swing Out Device (Ø70 x 126)	pcs	1,0	
M01.T.A.5.2.1.7		- HEX SCREW for Swing Out Device (M8 x 16)	pcs	6,0	
M01.T.A.5.2.2	Auciliary for Table CPL	Auciliary for Table CPL	set	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
M01.T.A.5.2.2.1		- HYDRAULIC JACK for Auxiliary for Table Completed (65TON x 200ST)	pcs	1,0	
M01.T.A.5.2.2.2		- HAND PUMP for Auxiliary for Table Completed (SP-3A(700kg))	pcs	1,0	
M01.T.A.5.2.2.3		- HIGH PRESSURE HOSE for Auxiliary for Table Completed (5M x 700kg/cm ²)	pcs	1,0	
M01.T.A.5.2.2.4		- GLYCERINE PRESSURE GAUGE for Auxiliary for Table Completed (1000kg/cm ²)	pcs	1,0	
M01.T.A.5.2.2.5		- HOSE COUPLING for Auxiliary for Table Completed (1/4" Socket)	pcs	1,0	
M01.T.A.5.2.2.6		- HOSE COUPLING for Auxiliary for Table Completed (1/4" Plug)	pcs	1,0	
M01.T.A.5.2.2.7		- FLANGE (PL 80A) for Auxiliary for Table Completed (85T x Ø360)	pcs	1,0	
M01.T.A.5.2.2.8		- SUPPORT for Auxiliary for Table Completed (10T X 210 X 400)	pcs	3,0	
M01.T.A.5.2.2.9		- CAP SCREW M36x120 for Auxiliary for Table Completed (M36 - 120L)	pcs	6,0	
M01.T.A.5.2.3	Auxiliary for Roller CPL	Auxiliary for Roller CPL	set	-	
M01.T.A.5.2.3.1		- OIL ROLLER DRAIN DEVICE FOR GRINDING for Auxiliary for Roller Completed (20t x 110 x 90)	pcs	1,0	
M01.T.A.5.2.3.2		- GATE VALVE FOR GRINDING for Auxiliary for Roller Completed (TYPE ORDER-NO : NPT 12161/4"(M))	pcs	1,0	
M01.T.A.5.2.3.3		- PIPE COUPLING FOR GRINDING for Auxiliary for Roller Completed (TYPE ORDER-NO : NPTNO.:150961/4"(M))	pcs	1,0	
M01.T.A.5.2.3.4		- DOUBLE NIPPLE FOR GRINDING for Auxiliary for Roller Completed (DN 32, NPT 1 1/4"(F))	pcs	1,0	
M01.T.A.5.2.3.5		- CLAMP FOR GRINDING for Auxiliary for Roller Completed (AL 32-50 W1-1)	pcs	1,0	
M01.T.A.5.2.3.6		- HOSE FOR GRINDING for Auxiliary for Roller Completed (Ø32/40 - 2000L)	pcs	3,0	
M01.T.A.5.2.3.7		- FLANGE FOR GRINDING for Auxiliary for Roller Completed (20T X 530 X 165)	pcs	1,0	
M01.T.A.5.2.3.8		- THRUST RING FOR GRINDING for Auxiliary for Roller Completed (9T X 168.3 X 85)	pcs	1,0	
M01.T.A.5.2.3.9		- HEX.BOLT FOR GRINDING for Auxiliary for Roller Completed (M36 - 220L)	pcs	3,0	
M01.T.A.5.2.3.10		- HEX.BOLT FOR GRINDING for Auxiliary for Roller Completed (M24 - 200)	pcs	6,0	
M01.T.A.5.2.3.11		- EYE BOLT FOR GRINDING for Auxiliary for Roller Completed (M48)	pcs	4,0	
M01.T.A.5.2.3.12		- SEALING RING FOR GRINDING for Auxiliary for Roller Completed (A4 x 18)	pcs	1,0	
M01.T.A.5.2.3.13		- SEALING RING FOR GRINDING for Auxiliary for Roller Completed (A17 x 21)	pcs	1,0	
M01.T.A.5.2.4	Auxiliary for Rocker Arm CPL	Auxiliary for Rocker Arm CPL	set	-	
M01.T.A.5.2.4.1		- STRAP for Auxiliary for Rocker Arm Completed (900 X 282 X 196)	pcs	1,0	
M01.T.A.5.2.4.2		- SUPPORT for Auxiliary for Rocker Arm Completed (850 X 100 X 150)	pcs	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
M01.T.A.5.2.4.3		- EA SCREW for Auciliary for Rocker Arm Completed (M36 x 380 - Ri)	pcs	4,0	
M01.T.A.5.2.4.4		- HEX.SCREW for Auciliary for Rocker Arm Completed (M24 - 100L)	pcs	-	
M01.T.A.5.2.4.5		- HEX.SCREW for Auciliary for Rocker Arm Completed (M24 - 60L)	pcs	4,0	
M01.T.A.5.2.4.6		- HEX.NUT for Auciliary for Rocker Arm Completed (M24)	pcs	4,0	
M01.T.A.5.2.4.7		- WASHER for Auciliary for Rocker Arm Completed (22)	pcs	8,0	
M01.T.A.5.2.5	Auciliary for Spring Assenbly CPL	Auciliary for Spring Assenbly CPL	set	-	
M01.T.A.5.2.5.1		- DISC for Auciliary for Spring Assenbly Completed (25t x O.D 280 x I.D 76)	pcs	1,0	
M01.T.A.5.2.5.2		- SPINDLE for Auciliary for Spring Assenbly Completed (Ø50 - 300)	pcs	1,0	
M01.T.A.5.2.5.3		- COLLAR NUT for Auciliary for Spring Assenbly Completed (Ø100 - 85L)	pcs	1,0	
M01.T.A.5.2.6	Tire Profile Ruller CPL	Tire Profile Ruller CPL	set	1,0	
M01.T.A.5.2.6.1		- HOLDER for Tire Profile Ruller Completed (220 X 90 X 665)	pcs	1,0	
M01.T.A.5.2.6.2		- PLATE for Tire Profile Ruller Completed (L60 x 60 x 6 - 520L)	pcs	1,0	
M01.T.A.5.2.6.3		- WASHER for Tire Profile Ruller Completed (48)	pcs	1,0	
M01.T.A.5.2.6.4		- SCALE for Tire Profile Ruller Completed (FLEXIBLEDESIGN ACCORDING DIN 866-TYPE B)	pcs	1,0	
M01.T.A.5.2.7	Lifter CPL	Lifter CPL	set	1,0	
M01.T.A.5.2.7.1		- TRAVERSE for Lifter Completed (1490 X 850 X 430)	pcs	1,0	
M01.T.A.5.2.7.2		- HOOK for Lifter Completed (20t x 545 x 1090)	pcs	4,0	
M01.T.A.5.2.7.3		- PLATE for Lifter Completed (2t x 100 x 180)	pcs	2,0	
M01.T.A.5.2.7.4		- WASHER for Lifter Completed (45)	pcs	4,0	
M01.T.A.5.2.7.5		- SPLIT PIN for Lifter Completed (Ø10 - 63L)	pcs	4,0	
M01.T.A.5.2.7.6		- GROOVED PIN for Lifter Completed (Ø3 - 8L)	pcs	8,0	
M01.T.A.5.2.8	Fill+ Test Unit	Fill + Test Unit (Gas Charging kit)	pcs	1,0	
M01.T.A.5.2.9	Hand Grease Pump	HAND GREASE PUMP (500ml)	pcs	1,0	
M01.T.A.5.2.10	High Pressure Hose	HIGH PRESSURE HOSE (1/4 x 2320PSI x 300L)	pcs	1,0	
M01.T.A.5.2.11	Coal Sampling Device	Coal Sampling Device (CYCLONE & SAMPLING NOZZLE ASS'Y)	pcs	1,0	
M01.T.A.5.2.12		DIP STICK		5,0	
M01.T.A.5.2.13		PRE-MOUNTING STUD		1,0	
M01.T.A.5.2.14		PRESWAGING TOOL		1,0	
M01.T.A.5.2.15		Fill Unit		1,0	
Sub-Total				-	
B.	Environmental Equipment	Environmental Equipment		-	
M01.T.B.2	Air preheater	Air preheater		-	
M01.T.B.2.1	Hydraulic-Cylinder, manifold, manual pump	Hydraulic-Cylinder, manifold, manual pump	set	1,0	
M01.T.B.2.1.1		- HYDRAULIC LOCK NUT CYLINDER	pcs	1,0	
M01.T.B.2.1.2		- HYDRAULIC HAND PUMP	pcs	1,0	
M01.T.B.2.1.3		- 4WAY-MANIFOLD WITH SHUT-OFF VALVE	pcs	1,0	
M01.T.B.2.1.4		- HYDRAULIC HOSE WITH COUPLE HALF AND OIL (4M)	pcs	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
M01.T.B.2.1.5		- HYDRAULIC JACK	pcs	1,0	
M01.T.B.2.1.6		- WHEEL	pcs	1,0	
M01.T.B.2.1.7		- HEAD RIVET PIN	pcs	1,0	
M01.T.B.2.1.8		- WASHER	pcs	1,0	
M01.T.B.2.1.9		- SPLIT PIN	pcs	1,0	
M01.T.B.2.1.10		- GUIDE PLATE	pcs	1,0	
M01.T.B.2.1.11		- BOLT	pcs	1,0	
M01.T.B.2.1.12		- WASHER	pcs	1,0	
M01.T.B.2.1.13		- BAK SUPPORT PLATE	pcs	1,0	
M01.T.B.2.1.14		- SPRING PIN	pcs	1,0	
M01.T.B.2.1.15		- SPRING PIN	pcs	1,0	
M01.T.B.2.1.16		- BASK SUPPORT PLATE_1	pcs	1,0	
M01.T.B.2.1.17		- HYDRAULIC JACK	pcs	1,0	
M01.T.B.2.1.18		- WHEEL	pcs	1,0	
M01.T.B.2.1.19		- HEAD RIVET PIN	pcs	1,0	
M01.T.B.2.1.20		- WASHER	pcs	1,0	
M01.T.B.2.1.21		- SPLIT PIN	pcs	1,0	
M01.T.B.2.1.22		- GUIDE PLATE	pcs	1,0	
M01.T.B.2.1.23		- BOLT	pcs	1,0	
M01.T.B.2.1.24		- WASHER	pcs	1,0	
M01.T.B.2.1.25		- BAK SUPPORT PLATE	pcs	1,0	
M01.T.B.2.1.26		- SPRING PIN	pcs	1,0	
M01.T.B.2.1.27		- SPRING PIN	pcs	1,0	
M01.T.B.2.1.28		- BASK SUPPORT PLATE_1	pcs	1,0	
M01.T.B.2.1.29		- ELECTRIC HYDRAULIC PUMP	pcs	1,0	
M01.T.B.2.1.30		- 1WAY-MANIFOLD WITH SHUT-OFF VALVE	pcs	1,0	
M01.T.B.2.1.31		- HYDRAULIC HOSE WITH COUPLE HALF AND OIL (10M)	pcs	1,0	
M01.T.B.2.1.32		- HYDRAULIC HOSE WITH COUPLE HALF AND OIL (13M)	pcs	1,0	
M01.T.B.2.1.33		- HYDRAULIC HOSE WITH COUPLE HALF AND OIL (3M)	pcs	1,0	
M01.T.B.2.3		Handle to turning APH motor		2,0	
B.4	Coal Handling System	Coal Handling System			
M01.T.B.4.1	Conveyor Belt splicing system	Conveyor Belt splicing system	pcs	1,0	
M01.T.B.5	Bottom Ash Handling System (SDCC)	Bottom Ash Handling System (SDCC)			
Sub-Total					
C.	STEAM TURBINE GENERATOR	STEAM TURBINE GENERATOR			
M01.T.C.1	STEAM TURBINE	STEAM TURBINE			
M01.T.C.1.6	Wire Rope Sling	Wire Rope Sling -. 45D x 1800L (1Thimble) : 4 EA -. 45D x 2000L (1Thimble) : 4 EA -. 45D x 3000L (1Thimble) : 1 EA -. 45D x 3000L (2Thimble) : 4 EA	set	1,0	
M01.T.C.1.7	Honing Tool (ANR-275(Range 64~533mm))	Honing Tool(ANR-275(Range 64~533mm)) -. Wide Range Hone : 1 EA -. Shaft Extension 235mm : 1 EA -. Shaft Extension 483mm : 1 EA -. Quick Coupler : 1 EA -. Drive Shank : 1 EA -. Honing Stone 69~104mm : 150EA	set	1,0	
M01.T.C.1.8	Honing Tool (JNR-210(Range 55~66mm))	N/A	set	1,0	
M01.T.C.1.10	Balance Weight & Plug	Balance Weight & Plug -. Balance Plug : 30 EA -. Balance Weight : 70 EA -. Balance Weight Holder Ass'y : 2 EA	set	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
M01.T.C.1.12	Sledge Wrench	Sledge Wrench -. 1.3125" : 2 EA -. 1.5" : 2 EA -. 1.68" : 2 EA -. 1.875" : 2 EA -. 2.06" : 2 EA -. 2.25" : 2 EA -. 2.375" : 2 EA -. 2.625" : 2 EA -. 3.0" : 2 EA -. 3.125" : 2 EA -. 3.375" : 2 EA -. 3.75" : 2 EA -. 3.875" : 2 EA -. 4.125" : 2 EA -. 4.5" : 2 EA -. 4.875" : 2 EA	set	1,0	
M01.T.C.1.13	Spanner Wrench	Spanner Wrench -. 2.0" : 2 EA -. 2.25" : 2 EA -. 2.5" : 4 EA -. 2.75" : 2 EA -. 3.0" : 2 EA -. 3.5" : 2 EA -. 4.0" : 2 EA -. 4.5" : 2 EA -. 5.0" : 2 EA -. 5.5" : 2 EA -. 6.0" : 2 EA	set	1,0	
M01.T.C.1.14	Spanner Wrench Socket	Spanner Wrench Socket -. 2.0" : 2 EA -. 2.25" : 2 EA -. 2.5" : 2 EA -. 2.75" : 2 EA -. 3.0" : 2 EA -. 3.5" : 2 EA -. 4.0" : 2 EA -. 4.5" : 2 EA -. 5.0" : 2 EA -. 5.5" : 2 EA -. 6.0" : 2 EA -. 7.0" : 2 EA	set	1,0	
M01.T.C.1.15	Sledge Wrench Socket	Sledge Wrench Socket -. 1.3125" : 1 EA -. 1.5" : 1 EA -. 1.68" : 1 EA -. 1.87" : 1 EA -. 2.06" : 1 EA -. 2.25" : 1 EA -. 2.62" : 1 EA -. 3.0" : 1 EA -. 3.37" : 1 EA -. 3.75" : 1 EA -. 4.12" : 1 EA -. 4.5" : 1 EA -. 4.87" : 1 EA -. 5.25" : 1 EA	set	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
M01.T.C.1.16	Electric Bolt Heater	Electric Bolt Heater - Local Control Panel : 2 EA - DIA 20.995 X 949.45 L : 8 EA - DIA 20.995 X 647.7 L : 12 EA - DIA 20.995X 370.84 L : 6 EA - DIA 20.995 X 497.84 L : 6 EA - DIA 20.995 X 457.2 L : 6 EA - DIA 20.995 X 1143 L : 6 EA - DIA 30.48 X 1063.75 L : 2 EA - DIA 30.48 X 911.35 L : 2 EA - DIA 14.605 X 283.21 L : 6 EA - DIA 14.605 X 443.23 L : 12 EA	set	1,0	
M01.T.C.1.17	Extension Bar	Extension Bar - Extension Bar 393.7L : 1 EA - SOCKET WRENCH 1.125" : 1 EA - SOCKET WRENCH 1.500" : 1 EA - SOCKET WRENCH 1.875" : 1 EA - SLIDING TEE HANDLE : 1 EA	set	1,0	
M01.T.C.1.18	Eye Bolt	Eye Bolt - M8 : 4 EA - M10 : 4 EA - M12 : 8 EA - M16 : 8 EA - M20 : 12 EA - M24 : 16 EA - M30 : 12 EA - M36 : 4 EA - M42 : 4 EA - M48 : 4 EA - 1.0" X 8 UNC : 4 EA - 1.5" X 6 UNC : 6 EA - 2 EA	set	1,0	
M01.T.C.1.20	International Hex Wrench	International Hex Wrench - 0.05" : 2 EA - 0.0625" : 2 EA - 0.0781" : 2 EA - 0.0875" : 2 EA - 0.09375" : 2 EA - 0.25" : 2 EA - 0.3125" : 2 EA - 0.375" : 2 EA - 0.5" : 2 EA - 0.5625" : 2 EA - 0.625" : 2 EA - 0.75" : 2 EA - 1.0" : 2 EA	set	1,0	
M01.T.C.1.21	Jack Bolt	Jack Bolt - 0.5-13 UNC-2A X 82.6 L : 4 EA - 0.75-10 UNC-2A X 88.9 L : 4 EA - 1.0-8 UNC-2A X 88.9 L : 4 EA - 1.125-8 UNC-2A X 215.9 L : 4 EA - 1.25-8 UNC-2A X 215.9 L : 4 EA - 1.5-8 UNC-2A X 88.9 L : 10 EA	set	1,0	
M01.T.C.1.24		Rotor Rotating Pin (Coupling Pin for Spin Rotor)		3,0	
M01.T.C.1.25		Steam Joint Compound (MOLYKOTE P37) : 40 EA Thread Compound (BIRKOSIT) : 35 EA	pcs	1,0	
M01.T.C.1.25.1		MOLYKOTE P37 : 40 EA		40,0	
M01.T.C.1.25.2		BIRKOSIT : 35 EA		35,0	
M01.T.C.1.26		GREASE (DC41) : 40 EA (160 kg)	pcs	1,0	
M01.T.C.1.27		GUIDE PIN		8,0	
M01.T.C.1.28		TAP HOLDER ASSEMBLY		2,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
M01.T.C.1.29		Elongation tool(Bolt Extension Meter) -. INDICATOR GUIDE : 1EA -. ROD GUIDE : 1EA -. DIAL INDICATOR : 1EA -. CALIBRATION ROD : 1EA -. ROD TIP : 4EA -. ROD : 10EA -. SET SCREW : 2EA -. STORAGE CASE(FOR BOLT EXTENSIO METER) : 1EA	set	1,0	
M01.T.C.1.30		N2 Charge Kit		1,0	
M01.T.C.1.31		Geared Motor Handle		4,0	
C.2	BOILER FEED WATER PUMP TURBINE (BFPT)	BOILER FEED WATER PUMP TURBINE (BFPT)		-	
M01.T.C.2.3	Supporting Jokes for Journal Bearing Inspection	N/A	set	1,0	
M01.T.C.2.4	Guiding Rods for Casing	Guiding Rods for Casing -. BALANCE PLUG : 20EA -. EYE BOLT : 4EA -. GUIDE PIN : 4EA -. HANDLE : 6EA -. HEX NUT : 2EA -. PIPE : 2EA	set	1,0	
M01.T.C.2.5	Checking shaft with Journal Discs	N/A	pcs	1,0	
M01.T.C.2.6	Transport Stand for the Turbine Rotor	N/A	pcs	1,0	
C.3	GENERATOR	GENERATOR		-	
M01.T.C.3.16	Gas Gap Baffle Assembly Device	Gas Gap Baffle Assembly Device	pcs	1,0	
Sub-Total				-	
D.2	Heater	Heater		-	
Sub-Total				-	
F.1	Chemical Dosing System	Chemical Dosing System		-	
M01.T.F.1.1	Pulsation dampener charging kit for Chemical Dosing System	Pulsation dampener charging kit for Chemical Dosing System	set	1,0	
M01.T.F.2	Water Treatment System	Water Treatment System		-	
Sub-Total				-	
I.	Mechanical	Mechanical		-	
I.1	BFPT	BFPT		-	
M01.T.I.1.1	Lifting device of turbine casing	N/A	pcs	1,0	
M01.T.I.1.2	Lifting device of turbine rotor	N/A	pcs	1,0	
M01.T.I.1.3	Steam blow out tools	N/A	pcs	1,0	
M01.T.I.1.4	Special spanner and wrenches	N/A	pcs	1,0	
M01.T.I.1.4.1	- Double orifice nut circumrotating tools	N/A	pcs	1,0	
M01.T.I.1.4.2	- Six-angle spanner	N/A	pcs	1,0	
M01.T.I.1.4.3	- Claw type spanner	N/A	pcs	1,0	
M01.T.I.1.4.4	- Elbow corner turn-screw	N/A	pcs	1,0	
M01.T.I.1.4.5	- Elbow sleeve spanner	N/A	pcs	1,0	
M01.T.I.1.4.6	- Offset ring spanner	N/A	pcs	1,0	
M01.T.I.1.5	Guide sleeve	N/A	pcs	1,0	
M01.T.I.1.6	Special hammer assembly	N/A	pcs	1,0	
M01.T.I.1.7	Lifting screw ring	N/A	pcs	1,0	
M01.T.I.1.8	Tool for SSB block	N/A	pcs	1,0	
M01.T.I.1.9	Gas filling tool for accumulator	N/A	pcs	1,0	
M01.T.I.1.10	Coupling alignment tool	N/A	pcs	1,0	
I.3	MOV (Gate, Globe)	MOV (Gate, Globe)		-	
M01.T.I.3.5	Removing tool for switches reduction gear	N/A	pcs	1,0	
M01.T.I.3.6	Removal tool control pin	N/A	pcs	1,0	
I.6	Emergency Diesel Generator	Emergency Diesel Generator (Included in Total Price)		-	
M01.T.I.6.1	Ratchet Handle 3/8" X 8"	N/A	pcs	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
M01.T.I.6.2	Ratchet Handle 1/2" X 10"	N/A	pcs	1,0	
M01.T.I.6.3	Flecible Handle 1/2" X 15"	N/A	pcs	1,0	
M01.T.I.6.4	Socket 3/8" X (8, 10, 12, 13 mm)	N/A	pcs	1,0	
M01.T.I.6.5	Socket 1/2" X (15, 17, 19, 22, 27mm)	N/A	pcs	1,0	
M01.T.I.6.6	Extension Bar 3/8" X 3, 6"	N/A	pcs	1,0	
M01.T.I.6.7	Extension Bar 1/2" X 5, 10"	N/A	pcs	1,0	
M01.T.I.6.8	Combination Wrench 8, 10, 13, 15, 17, 19, 22, 24mm (3/8", 7/16", 1/2", 9/16", 5/8")	N/A	pcs	1,0	
M01.T.I.6.9	Feeler Gauge 0.0015"~0.025"	N/A	pcs	1,0	
M01.T.I.6.10	L-Wrench 3/64"~3/8"	N/A	pcs	1,0	
M01.T.I.6.11	Adjustable Wrench 12"	N/A	pcs	1,0	
M01.T.I.6.12	Driver 6 X 100	N/A	pcs	1,0	
M01.T.I.6.13	Plastic Hammer	N/A	pcs	1,0	
M01.T.I.6.14	Filter Wrench 18"	N/A	pcs	1,0	
M01.T.I.6.15	Nipper 6"	N/A	pcs	1,0	
M01.T.I.6.16	Vise Plier 10"	N/A	pcs	1,0	
M01.T.I.6.17	Snap Ring Plier 19, 50	N/A	pcs	1,0	
M01.T.I.6.18	Tool Box 6" X 7" X 17"	N/A	pcs	1,0	
M01.T.I.6.19		Tool Box	pcs	2,0	
M01.T.I.6.20		Adjustable angle wrench(12")	pcs	2,0	
M01.T.I.6.21		Double Open Spanner(8~23 (6 Piece))	set	1,0	
M01.T.I.6.22		Long Nose Plier(6")	pcs	2,0	
M01.T.I.6.23		Plier(6")	pcs	2,0	
M01.T.I.6.24		Cutting Plier Side(8")	pcs	2,0	
M01.T.I.6.25		Cutting Nipper(6")	pcs	2,0	
M01.T.I.6.26		Driver(-)	pcs	2,0	
M01.T.I.6.27		Driver(+)	pcs	2,0	
M01.T.I.6.28		Echange Screw driver(6 Piece)	set	1,0	
M01.T.I.6.29		Hexagon(1.5 ~ 13 (13 Piece))	set	2,0	
M01.T.I.6.30		Filter Wrench	pcs	~2,0	
Sub-total				-	
M01.T.I.8	Condensate Extraction Pump	Condensate Extraction Pump		-	
M01.T.I.8.1		Extractor for rigid coupling	pcs	1,0	
M01.T.I.8.2		Extractor for muff coupling	pcs	1,0	
M01.T.I.8.3		CENTERING TOOL	pcs	1,0	
M01.T.I.8.4		Tool box	pcs	1,0	
M01.T.I.9.1	1. MAIN BOILER FEED PUMP	J. MAIN BOILER FEED PUMP		-	
M01.T.I.9.1.1		1) EXTRACTOR FOR COUPLING NUT	pcs	1,0	
M01.T.I.9.1.2		2) EXTRACTOR FOR THRUST COLLAR NUT	pcs	1,0	
M01.T.I.9.1.3		3) EXTRACTOR FOR THRUST COLLAR	pcs	1,0	
M01.T.I.9.1.4		4) EXTENSION PIECE FOR ROTATING ELEMENT	pcs	2,0	
M01.T.I.9.1.5		5) LIFTING JIG FOR CASING COVER	pcs	1,0	
M01.T.I.9.1.6		6) EYE BOLT FOR LIFTING INNER CASING (M30)	pcs	2,0	
M01.T.I.9.1.7		7) EXTRACTOR STUD BOLT FOR MECHANICAL SEAL	pcs	2,0	
M01.T.I.9.1.8		8) TOOL BOX	pcs	1,0	
M01.T.I.9.2	2. MAIN BOILER FEED BOOSTER PUMP	2. MAIN BOILER FEED BOOSTER PUMP		-	
M01.T.I.9.2.1		1) EXTRACTOR FOR COUPLING HUB	pcs	1,0	
M01.T.I.9.2.2		2) EXTRACTOR FOR THRUST COLLAR NUT	pcs	1,0	
M01.T.I.9.2.3		3) PULL OUT TOOL FOR THRUST COLLAR	pcs	1,0	
M01.T.I.9.2.4		4) TOOL FOR LOCATING RING	pcs	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
M01.T.I.9.2.5		5) TOOL FOR SUCTION BRACKET	pcs	1,0	
M01.T.I.9.2.6		6) TOOL BOX	pcs	1,0	
M01.T.I.9.2.7		7) EXTRACTOR STUD BOLT FOR MECHANICAL SEAL	pcs	1,0	
I.9.3	3. START-UP BOILER FEED PUMP	3. START-UP BOILER FEED PUMP		-	
M01.T.I.9.3.1		1) EXTRACTOR FOR COUPLING NUT	pcs	1,0	
M01.T.I.9.3.2		2) EXTRACTOR FOR COUPLING HUB	pcs	1,0	
M01.T.I.9.3.3		3) EXTRACTOR FOR THRUST COLLAR NUT	pcs	1,0	
M01.T.I.9.3.4		4) PULL OUT TOOL FOR THRUST COLLAR	pcs	1,0	
M01.T.I.9.3.5		5) EXTENSION PIECE FOR ROTATING ELEMENT	pcs	2,0	
M01.T.I.9.3.6		6) LIFTING JIG FOR CASING COVER	pcs	1,0	
M01.T.I.9.3.7		7) EYE BOLT FOR LIFTING INNER CASING (M30)	pcs	2,0	
M01.T.I.9.3.8		8) EXTRACTOR STUD BOLT FOR MECHANICAL SEAL	pcs	2,0	
M01.T.I.9.3.9		9) TOOL BOX	pcs	1,0	
I.9.4	4. START-UP BOILER FEED BOOSTER PUMP	4. START-UP BOILER FEED BOOSTER PUMP		-	
M01.T.I.9.4.1		1) EXTRACTOR FOR COUPLING HUB	pcs	1,0	
M01.T.I.9.4.2		2) EXTRACTOR FOR THRUST COLLAR NUT	pcs	1,0	
M01.T.I.9.4.3		3) EXTRACTOR FOR THRUST COLLAR	pcs	1,0	
M01.T.I.9.4.4		4) EXTRACTOR STUD BOLT FOR MECHANICAL SEAL	pcs	1,0	
M01.T.I.9.4.5		6) TOOL FOR LOCATING RING	pcs	1,0	
M01.T.I.9.4.6		7) TOOL FOR SUCTION BRACKET	pcs	1,0	
M01.T.I.9.4.7		8) TOOL BOX	pcs	1,0	
I.9.5	5. BLANK-OFF PLATE	5. BLANK-OFF PLATE		-	
M01.T.I.9.5.1		1) BLANK-OFF PLATE (MECH. SEAL) FOR MAIN BOILER FEED PUMP	pcs	1,0	
M01.T.I.9.5.2		2) O-RING (NBR, G-250)	pcs	10,0	
M01.T.I.9.5.3		3) BLANK-OFF PLATE (SEAL WATER) FOR MAIN & START-UP BOILER FEED PUMP	pcs	1,0	
M01.T.I.9.5.4		4) O-RING (NBR, G-30)	pcs	30,0	
M01.T.I.9.5.5		5) BLANK-OFF PLATE (COOLING WATER) FOR MAIN & START-UP BOILER FEED PUMP	pcs	1,0	
M01.T.I.9.5.6		6) O-RING (NBR, G-40)	pcs	30,0	
M01.T.I.9.5.7		7) BLANK-OFF PLATE (MECH. SEAL) FOR MAIN BOILER FEED BOOSTER PUMP	pcs	1,0	
M01.T.I.9.5.8		8) O-RING (NBR, G-200)	pcs	8,0	
M01.T.I.9.5.9		9) BLANK-OFF PLATE (MECH. SEAL) FOR START-UP BOILER FEED PUMP	pcs	1,0	
M01.T.I.9.5.10		10) O-RING (NBR, G-240)	pcs	8,0	
M01.T.I.9.5.11		11) BLANK-OFF PLATE (MECH. SEAL) FOR START-UP BOILER FEED BOOSTER PUMP	pcs	1,0	
M01.T.I.9.5.12		12) O-RING (NBR, G-190)	pcs	2,0	
I.9.6	6. MAIN BOILER FEED PUMP & START-UP BOILER FEED PUMP	6. MAIN BOILER FEED PUMP & START-UP BOILER FEED PUMP		-	
M01.T.I.9.6.1		1. HYDRAULIC TORQUE WRENCH	pcs	1,0	
M01.T.I.9.6.2		2. ELECTRIC TORQUE WRENCH PUMP	pcs	1,0	
M01.T.I.9.6.3		3. IMPACT SOCKET	pcs	1,0	
M01.T.I.9.6.4		4. IMPACT SOCKET	pcs	1,0	
M01.T.I.9.6.5		5. Hydraulic Twin Hose	pcs	1,0	
I.10	Air Compressor	Air Compressor		-	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
M01.T.I.10.1		Jig (Lifting Device)	pcs	1,0	
I.11	Non Return Valve(NRV)	Non Return Valve(NRV)		-	
M01.T.I.11.1		Special tool for Steam Blowing - HINGE SUPPORTER BOLT NUT for 600# A216-WCC 30"	pcs	4,0	
M01.T.I.11.2		Special tool for Steam Blowing - HINGE SUPPORTER for 600# A216-WCC 30"	pcs	4,0	
M01.T.I.11.3		Special tool for Steam Blowing - SUPPORTER BOLT for 600# A216-WCC 30"	pcs	4,0	
M01.T.I.11.4		Special tool for Steam Blowing - HINGE SUPPORTER BOLT NUT for 300# A216-WCB 28"	pcs	2,0	
M01.T.I.11.5		Special tool for Steam Blowing - HINGE SUPPORTER for 300# A216-WCB 28"	pcs	2,0	
M01.T.I.11.6		Special tool for Steam Blowing - SUPPORTER BOLT for 300# A216-WCB 28"	pcs	2,0	
I.12	Condensate Polishing Plant	Condensate Polishing Plant		-	
M01.T.I.12.1		Special tool box	pcs	1,0	
M01.T.I.12.2		Parity Checker of magnetic level gauge	pcs	1,0	
M01.T.I.12.3		Electric Spark Detecting-device 400V,50Hz	pcs	1,0	
M01.T.I.12.4		Gloves	pcs	1,0	
M01.T.I.12.5		Mask	pcs	2,0	
M01.T.I.12.6		Eye Goggles	pcs	2,0	
M01.T.I.12.7		Safety Shoes	pcs	8,0	
M01.T.I.12.8		Body Suit	pcs	2,0	
M01.T.I.12.9		Helmet	pcs	1,0	
				-	
M01.T.J	Electrical	Electrical		-	
M01.T.J.1	Isolated Phase Bus duct	Isolated Phase Bus duct		-	
M01.T.J.2	Generator Transformer	Generator Transformer		-	
M01.T.J.2.1	Adjustable Angle Wrench	Adjustable Angle Wrench - 6" 1EA - 10" 1EA - 12" 1EA	set	1,0	
M01.T.J.2.2	Pipe Wrench	Pipe Wrench - #250 1EA - #300 1EA - #600 1EA	set	1,0	
M01.T.J.2.3	Paint Spray Gun	N/A	N/A	1,0	
M01.T.J.2.4	Tool Box	Tool Box	set	1,0	
M01.T.J.8	Communication System	Communication System		-	
M01.T.J.8.1	Special Tools set & Tool Box	N/A	N/A	1,0	
M01.T.J.9	MV Switchgear	MV Switchgear		-	
M01.T.J.9.4	MULTI TESTER			1,0	
M01.T.J.9.6	Tool BOX			1,0	
	Electrical	Electrical		-	
	LV Switchgear	LV Switchgear		-	
M01.T.J.10.1		DIGITAL MULTI TESTER	pcs	1,0	
M01.T.J.10.2		MEGGER	pcs	3,0	
M01.T.J.10.3		HOOK METER	pcs	2,0	
M01.T.J.10.4		TOOL SET	pcs	1,0	
M01.T.J.10.5		TOOL BOX	pcs	6,0	
M01.T.J.10.6		ACB WITHDRAW HANDLE	pcs	1,0	
J.11	SPB	SPB		-	
M01.T.J.11.1		Torque wrench 40÷200 Nm	pcs	1,0	
J.12	H2 Generation Plant	H2 Generation Plant		-	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
M01.T.J.12.1		Battery Press Tool Kit	pcs	1,0	
M01.T.J.12.2		Ridgid Charge, 230V Ridgid Adv Eu	pcs	1,0	
J.13	Communication System	Communication System		-	
K.2	Control Valve	Control Valve		-	
M02.S.E.1.1.1.2.1		Carrying Roller	Piece	1,0	
M02.S.E.1.1.1.2.2		Return Roller	Piece	1,0	
M02.S.E.1.1.1.2.3		Impact Roller	Piece	1,0	
M02.S.E.2.5.5		late	Sqm	4,0	
M02.S.E.3.1.19		ROLL.A-133/-X1600-6306-A2-22_E	pc	1,0	
M03.B.2.7.4.2		Bearing 45/100	pc	1,0	
M05.4	OXIDATION AIR BLOWER	OXIDATION AIR BLOWER		-	
M05.4.2	Oil filter	NA	pc	1,0	
M05.5	PUMPS	PUMPS		-	
M05.5.1	Absorber Recirculation Pump	Absorber Recirculation Pump		-	
5.1.1	Mechanical seal spares kit	Mechanical seal spares kit / Rotating Seal Ring	Piece	1,0	
5.1.2	O-Ring	O-Ring	Piece	1,0	
M05.5.2	Gypsum Bleed pump	Absorber Bleed Pump		-	
M05.5.2.1	Impeller O-Ring	NA	pc	1,0	
M05.5.2.2	Shaft Sleeve O-Ring	NA	pc	1,0	
M05.5.2.3	Seal Ring	NA	pc	1,0	
M05.5.2.6	Piston Ring	NA	pc	1,0	
M05.5.2.7	Bearing Seal	NA	pc	1,0	
M05.5.3	Emergency Storage Pump	Blowdown Return Pump		-	
M05.5.3.1	Impeller O-Ring	NA	pc	1,0	
M05.5.3.2	Shaft Sleeve O-Ring	NA	pc	1,0	
M05.5.4	Gypsum Dewatering Feed Pump	Waste Water hydrocyclone pump		-	
M05.5.4.1	Shaft Sleeve O-Ring	NA	pc	1,0	
M05.5.5		Waste Water Pump		-	
M05.5.6	Limestone Slurry Transfer Pump	Limestone Slurry Pump		-	
M05.5.6.1	Impeller O-Ring	NA	pc	1,0	
M05.5.6.2	Shaft Sleeve O-Ring	NA	pc	1,0	
M05.5.7	Limestone Slurry Feed Pump	Limestone Slurry Feed Pump		-	
M05.5.7.3	Bearing	NA	pc	1,0	
M05.5.8	Filtrate Transfer pump	Reclaim Water Pump		-	
M05.5.8.1	Impeller O-Ring	NA	pc	1,0	
M05.5.8.2	Shaft Sleeve O-Ring	NA	pc	1,0	
M05.5.9	M/E washing Water pump	NA	-	-	
M05.5.9.1	Shaft Sleeve	NA	pc	1,0	
M05.5.9.2	Mechanical Seal	NA	pc	1,0	
M05.5.9.3	Bearing	NA	pc	1,0	
M05.5.10	FGD Make-up pump	Process Water Pump		-	
M05.5.10.1	Shaft Sleeve	NA	pc	1,0	
M05.6	AGITATOR	AGITATOR		-	
M05.6.1	Absorber Agitator	Absorber Tank Agitator		-	
M05.6.1.2	Gaskers for impeller	NA	pc	1,0	
M05.6.2	Emergency Storage Tank Agitator	Blowdown Tank Agitator		-	
M05.6.2.1	Shaft seal ring	NA	pc	1,0	
M05.6.2.3		Mechanical Seal	Piece	1,0	
M05.6.3	Limestone Slurry Storage Tank Agitator	Limestone Slurry Tank Agitator		-	
M05.6.3.1	Shaft seal ring	NA	pc	1,0	
M05.6.3.2	Gaskets for impleler hub	NA	pc	1,0	
M05.6.4	Limestone Slurry feed pit Agitator	Limestone Slurry preperation area sump Agitator		-	
M05.6.4.1	Shaft Seal ring	NA	pc	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
M05.6.5	Absorber slurry sump agitator	Dewatering Area sump Agitator		-	
M05.6.5.1	Shaft seal ring	NA	pc	1,0	
M05.6.6	Gypsum dewatering tank agitator	Waste water Tank Agitator		-	
M05.6.6.1	Shaft Seal ring	NA	pc	1,0	
M05.6.6.2	Gaskets for impeller	NA	pc	1,0	
M05.6.7	Filtrate tank agitator	Reclaim water tank Agitator		-	
M05.6.7.1	Shaft seal ring	NA	pc	1,0	
M05.6.8	Limestone slurry feed tank agitator	Limestone slurry feed tank agitator		-	
M05.6.8.1	Shaft seal ring	NA	pc	1,0	
M05.7	GYPSUM DEWATERING SYSTEM	GYPSUM DEWATERING SYSTEM		-	
M05.7.1	Vacuum Belt filter	Vacuum Belt Filter		-	
M05.7.2	1st Hydrocyclone	1st Hydrocyclone		-	
M05.7.3	-	Waste water Hydrocyclone		-	
M05.9	LIMESTONE SLURRY PREPARATION SYSTEM	LIMESTONE SLURRY PREPARATION SYSTEM		-	
M05.9.1	Wet Ball Mill	Wet Ball Mill		-	
M05.9.1.3	Gear Pump (Low Pressure Pump)	Low pressure screw pump incl. support and coupling	Piece	2,0	
M05.9.1.5	O ring (High pressure Pump)	NA	pc	1,0	
M05.9.1.6	Shaft Lip seal (High pressure pump)	NA	pc	1,0	
M05.9.1.7	Self aligning roller bearing (high Press)	NA	pc	1,0	
	Classifier			-	
M05.9.1.8	Apex stopper	NA	pc	1,0	
M05.10	I&C	ELECTRICAL AND INSTRUMENTATION		-	
M05.10.1	FGD I&C	FGD I&C		-	
	Electrical of FGD			-	
NA	MV SWGR	NA		-	
	Closing coil		pc	1,0	
	tripping coil		pc	1,0	
	Spring charging motor		pc	1,0	
	CT (For relay)		pc	1,0	
	CT (For Metering)		pc	1,0	
	PT		pc	1,0	
	Lock-out relay (186)		pc	1,0	
	Surge Arrester		pc	1,0	
	Pilot Lamp		pc	1,0	
	AM		pc	1,0	
	VM		pc	1,0	
	AS		pc	1,0	
	VS		pc	1,0	
	Aux. Relay		pc	1,0	
	Diazed fuse		pc	1,0	
	CS (for VCB)		pc	1,0	
	Test terminal for CT		pc	1,0	
	Test terminal for PT		pc	1,0	
M05.10.2	LV SWGR	LV SWGR		-	
M05.10.2.1	Moving Contact	2 pcs Auxiliary contact Abb circuit breaker E1 (Test-Service) 2 pcs Auxiliary contact Abb circuit breaker E2-6 (Test-Service)	Set	1,0	
	Under voltage relay	NA	pc	1,0	
M05.10.2.9.1		OKBA8E10F-C-220 - Auxiliary relay 230Vac 250V/6A	piece	1,0	
M05.10.2.9.2		CR-M4LS - Auxiliary relay socket	piece	1,0	
M05.10.2.9.3		CR-MH1 - Auxiliary relay stop	piece	1,0	

STT hệ thống	Item Description (Contract)	Item Description (Handover)	Unit	Số lượng	Ghi chú
M05.10.2.10.2		CT 3000/1A cl. 0,5	piece	1,0	
M05.10.2.10.3		CT 2000/1A cl. 0,5	piece	1,0	
M05.10.2.10.4		CT 1500/1A cl. 0,5	piece	1,0	
M05.10.2.10.5		CT 1000/1A cl. 0,5	piece	1,0	
M05.10.2.10.7		CT 600/1A cl. 0,5	piece	1,0	
M05.10.3	MCC	MCC		-	
M06.6	Gasket for the support insulators (1 set consists of 2 gaskets)	Sealing for support insulator D=360 (ESP DE-system)	Sets	8,0	
M06.7	Gasket for the support insulators (1 set consists of 2 gaskets)	Sealing for support insulator D=540 (ESP DE-system)	Sets	8,0	
M06.8	Bearing for seal air fan	DE-Drive Bearing for drive shaft (ESP DE-system)	Set	7,0	
M06.9	Bearing for seal air fan	CE-Drive Bearing for drive shaft (ESP CE-system)	Set	12,0	
M06.10	RTD for seal air system	PT100 for insulator heating (ESP insulator heaters)	pc	1,0	
M06.11	Flow switch for seal air system	Heater for rotation insulator (ESP insulator heaters)	Nos	2,0	
M06.12	Collecting electrode	CE-collecting plate (ESP CE-system)	Nos	50,0	
Tool.M06.1	ESP EXTRACTION DEVICE FOR INSULATOR CHANGING	EXTRACTION DEVICE FOR INSULATOR CHANGING WITH M36 NUT AND WASHER	Pc	12,0	
Tool.M06.2	ESP EXTRACTION DEVICE FOR INSULATOR CHANGING	ASM-001 with M36 nuts and washers	Pc	16,0	
M07.8.1		Set of Gasket for Deluge Valve DN80	Piece	3,0	
M07.8.2		Set of Gasket for Deluge Valve DN100	Piece	3,0	
M07.8.3		Set of Gasket for Deluge Valve DN150	Piece	3,0	
M07.9.1		Gasket DN100	Piece	3,0	
M07.9.2		Gasket DN200	Piece	3,0	
M07.10.1		Gasket for Hydrant	Piece	2,0	
M07.10.2		Landing valve 2x1/2"	Piece	2,0	
M07.10.3		Fire Hose DN65x20m & DN50x20m	Set	3,0	
M07.11.1		Fire Hose DN50x20m	Set	3,0	
M07.11.2		Gasket for Couplings	Set.	3,0	
M07.11.3		Water branch pipe	Piece	3,0	
M07.14.9		Rate of Rise anh Max. Heat Detector	Piece	6,0	
M07.14.12		Break Glass Push Button, indoor, yellow	Piece	15,0	
M07.14.13		Break Glass Push Button, outdoor, Eexd	Piece	15,0	