



Public Notice

U4POB The Purchasing of Various Spare Part for Turbine and Boiler Auxiliary

1. Scope of Supply

Procurement of U4POB The Purchasing of Various Spare Part for Turbine and Boiler Auxiliary.

2. Bidding Type

- Domestic open bidding to select the lowest priced suppliers and evaluated by total price and or if failed will be evaluated base by each item.
- The quotation shall be submitted in one sealed envelope containing both the priced and unpriced proposals.

3. Requirement for Qualification of Bidder

- It is mentioned in document of Request for Quotation No. K19357 with subject U4POB The Purchasing of Various Spare Part for Turbine and Boiler Auxiliary in attachment 3.

4. Aanwijzing will be held :

Topic: Aanwijzing RFQ No. K19357 for U4POB The Purchasing of Spare Part for Absorber Recirculation Pump A-C and RO High Pressure Pump

Time: Feb 2, 2026 10:00 AM Jakarta

Join Zoom Meeting

<https://us06web.zoom.us/j/85689603520?pwd=gKvYdNrQMI2egugqbMoPBMQWOzoOZ.1>

Meeting ID: 856 8960 3520

Passcode: 589588

5. Bid Closing Date and Time: 11.00 WIB **February 12, 2026**

6. Invitation to Bid (ITB) and Additional Information

- Invitation to Bid (ITB) document copy or soft file is available in website PT. KPJB (www.kpjb.co.id); or
- Email : procurement@kpjb.co.id or mohammad.azka@kpjb.co.id

7. Bid submission

To : Mohammad Azka (PIC RFQ No. K19357)

Finance & Administration Division

PT. Komipo Pembangkitan Jawa Bali (KPJB)

PLTU Tanjung Jati B Unit 3 & 4,


Desa Tubanan, Kecamatan Kembang,

Kabupaten Jepara, Jawa Tengah, Indonesia 59453

Tel : 0291-427-0491, Fax : 0291-427-0601


8. Procedure for Submission Bid Document

- Document shall be submitted in a sealed envelope by registered mail or direct submission after KPJB security's check not later than the bid closing date and time.
- Document title shall be marked in the envelope as **“U4POB The Purchasing of Various Spare Part for Turbine and Boiler Auxiliary”**

	PT. KOMIPO PEMBANGKITAN JAWA BALI	Doc. Ref	: KPJB-0951-02
	PLTU TANJUNG JATI B #UNIT 3&4	Form No.	: KPJB-0951-02-ZZ-FM-03
	REQUEST FOR QUOTATION	Design Div.	: Finance and Administration
		Revision No.	: 00

Date	RFQ No:	PRF No:
January 28, 2026	K19357	K19357
SUBJECT : U4POB The Purchasing of Various Spare Part for Turbine and Boiler Auxiliary		

KPJB on behalf of PT. PLN hereby request your quotation for material/services below :

No	Item Code	Description	Quantity		Remark
			Qty	Unit	
As per the attachment					
<ul style="list-style-type: none"> The quotation shall be submitted in one sealed envelope containing both the priced and unpriced proposals, addressed to the Procurement Team, F&A Division, PT KPJB. The original documents must be received by KPJB no later than 11:00 WIB on <u>17 2 FEB 2026</u>, either by registered mail or by direct submission after completing security clearance and registration at PLTU Tanjung Jati B. Aanwijzing will be held in KPJB on 10.00 <u>0 2 FEB 2026</u>. Validity of Quotation price should be minimum 3 months. Prices and detailed information should be specified about the materials and services in the quotation by strictly following the quotation form attached hereto. Payment will be made by Telegraphic Transfer (T/T) within forty five (45) days after invoice received, attached with delivery or work completion report (Invoice, Good receive form, MOV, BAPP, etc.) issued by PT. KPJB. Delivery time: not later than June 30, 2026. Certificate should be submitted at the delivery time : Item 1-4,6-8&12,13-20 : Certificate by Manufacture, Item 5 : CoLC by Manufacture (3M), Item 6&11: Original COO Chamber, Item 6,10,11 : Manual or Detail Drawing, item 6 : Test Report, Item 9-10: Copy COO/COM, Item 9 : Wiring diagram. Warranty : 1 year from supplier. Delivery should be completed to PT. KPJB's warehouse, PLTU Tanjung Jati B Unit #3&4. Warranty letter that state "The material is genuine, no defect, new and can be used properly" should be submitted at the time of delivery. All documents and communications shall be in English. All terms and conditions of this contract must be subject to and governed by PT. KPJB's Terms and Conditions for Contract attached hereto. In case of hazardous material, Material Safety Data Sheets (MSDS) and other related document for hazardous material shall be submitted at the time of delivery. For hand powered tools / powered tools: must be attached with tools certificate from manufacturer. For chemicals: All material delivery must be completed with symbol & label as required on regulation in every containers/other packaging. For service: All personnel must have appropriate certification as required on local HSE Regulation. 					
Sincerely Yours,					
 Hendang Suroso F&A. Manager					
Date					

Attachment :

1. Material list
2. Quotation format
3. Unprice document required
4. Pakta Integritas Form
5. Surat Pernyataan Keaslian Dokumen Form
6. KPJB Contractor Safety Rules
7. PT. KPJB's General Terms and Conditions for Contract
8. Term of Reference
9. Drawing

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Attachment 1: RFQ No. K19357

MATERIAL LIST

Item No	Item Code	Description	Quantity	
			Order	Unit
1	219960/	VALVE,REGULATING,PRESSURE, HYDRAULIC PRESSURE REDUCING VALVE, MODEL NO: J-63B, BATCH NO: 20151020, THREAD DIA: 1 INCH, MFG: SHANGHAI WEIYAN HYDRAULIC PARTS	4,00	PC
2	219961/	VALVE,REGULATING,FLOW, HYDRAULIC THROTTLE VALVE, PN: DV20S-1-10/2, THREAD DIA: 1 INCH, MFG: WUXISHI DE TIAN INDUSTRIAL AUTOMATION TECHNOLOGY	4,00	PC
3	223458/	VALVE,NEEDLE, GENERAL UTILITY SERVICES NEEDLE VALVE, MODEL NO: NBSS-FNS4-NS4-8-M, MATERIAL: SS316, INLET: FEMALE NPT 1/4 INCH, OUTLET: MALE 1/4 INCH, BRAND: FITOK	16,00	PC
4	211374/	VALVE,SOLENOID, MAGNETIC SOLENOID DRAIN VALVE, TYPE: PU220-15E2-JS, PRESS: 0-0.7MPA, DIA: 1 INCH, BRAND: E-MC	3,00	EA
5	101325/	FILTER ELEMENT, 3M MICRO KLEAN D/ MYCRO WYND II P/N: DCCSA MATERIAL: COTTON MEDIA, STAINLESS STEEL CORE, RATING 3 MICRON, L 9 7/8"	78,00	PC
6	224207/	INDICATOR/TRANSMITTER,RATE OF FLOW, OIL FLOW INDICATOR, OIL IMMERSED TRANSFORMER PROTECTIVE RELAY, OIL FLOW 2000L/MIN, BUILT-IN MICRO-SWITCH, RATING AC125-250V-5A; DC125-250V-0.5A (NON-INDUCTIVE LOAD)	7,00	PC
7	223716/	TEMPERATURE ELEMENT, RTD PT100, DUAL ELEMENT, REFER TO DRAWING NO: 4ME001181, MFG: OKAZAKI	1,00	EA
8	205406/	TEMPERATURE ELEMENT, TYPE : E, DOUBLE ELEMENT, OD: 4.8MM, MATERIAL: 316L/IEC1, LE: 616MM, L1: 516MM, L2: 100MM, CONNECTION: 1/8" NPT SUS 304, REF DWG NO: P-558829, MFG: YAMARI	2,00	SET
9	221759/	INDICATOR,TEMPERATURE, THERMOSTAT, LP SEAI. AIR HEATER, VOLTAGE RATING : 220 VAC, ITEM NUMBER : BT1 SERIES, BRAND : BOTA	4,00	PC
10	201936/	INVERTER,POWER,STATIC, VFD of Limestone Weight Feeder, ABB, 380-480 V, 2.2 KW, 3 PHASE, ACS355-03E-05A6-4	2,00	PC
11	223907/	MOTOR,ALTERNATING CURRENT, Q3E71-FA, , HPT BY PASS, THREE PHASE INDUCTION MOTOR, 3PHASE, 380VAC, 0.37KW, 1.07A, 50HZ, IC411, IP55, S1, CLASS F, 1500RPM, FLANGE MOUNTED IM B5	2,00	SET
12	223900/	CONTROL,TEMPERATURE,INDICATING, TEMPERATURE CONTROLLER TYPE :TK4W-A4RN, 7-SEGMENT LED,POWER 100-240VAC~ 50/60HZ, INPUT: RTD, THERMOCOUPLE 4-20mA, BRAND; AUTONICS	50,00	PC
13	224258/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2000MM	6,00	PC
14	224259/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2200MM	6,00	PC
15	224260/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2400MM	6,00	PC
16	224261/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2600MM	6,00	PC




PT. KOMIPO PEMBANGKITAN JAWA BALI
PLTU TANJUNG JATI B #UNIT 3&4

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17	224262/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/2", END CONNECTION 1/2" MALE NPT SWIVEL, 1/2 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 1200MM	16,00	PC
18	224263/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1", END CONNECTION FEMALE SWIVEL BSPT 1" TO MALE SWIVEL BSPT 1", OVERALL LENGTH 1000MM	4,00	PC
19	222155/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/2", END CONNECTION FEMALE BSPT 1/2" TO MALE BSPT 1/2", OVERALL LENGHT 1000MM	12,00	PC
20	222156/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION FEMALE BSPT 1/4" TO MALE BSPT 1/8", OVERALL LENGHT 1000MM	8,00	PC

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Attachment 2: RFQ No. K19357

Quotation format

A. Price Quotation

<COMPANY LOGO>

Quotation

No:

Item No	Item Code	Description	Quantity		Price (IDR)	
			Order	Unit	Unit Price	Total
1	219960/	VALVE,REGULATING,PRESSURE, HYDRAULIC PRESSURE REDUCING VALVE, MODEL NO: J-63B, BATCH NO: 20151020, THREAD DIA: 1 INCH, MFG: SHANGHAI WEIYAN HYDRAULIC PARTS	4,00	PC		
2	219961/	VALVE,REGULATING,FLOW, HYDRAULIC THROTTLE VALVE, PN: DV20S-1-10/2, THREAD DIA: 1 INCH, MFG: WUXISHI DE TIAN INDUSTRIAL AUTOMATION TECHNOLOGY	4,00	PC		
3	223458/	VALVE,NEEDLE, GENERAL UTILITY SERVICES NEEDLE VALVE, MODEL NO: NBSS-FNS4-NS4-8-M, MATERIAL: SS316, INLET: FEMALE NPT 1/4 INCH, OUTLET: MALE 1/4 INCH, BRAND: FITOK	16,00	PC		
4	211374/	VALVE,SOLENOID, MAGNETIC SOLENOID DRAIN VALVE, TYPE: PU220-15E2-JS, PRESS: 0-0.7MPA, DIA: 1 INCH, BRAND: E-MC	3,00	EA		
5	101325/	FILTER ELEMENT, 3M MICRO KLEAN D/ MYCRO WYND II P/N: DCCSA MATERIAL: COTTON MEDIA, STAINLESS STEEL CORE, RATING 3 MICRON, L 9 7/8"	78,00	PC		
6	224207/	INDICATOR/TRANSMITTER,RATE OF FLOW, OIL FLOW INDICATOR, OIL IMMERSED TRANSFORMER PROTECTIVE RELAY, OIL FLOW 2000L/MIN, BUILT-IN MICRO-SWITCH, RATING AC125-250V-5A; DC125-250V-0.5A (NON-INDUCTIVE LOAD)	7,00	PC		
7	223716/	TEMPERATURE ELEMENT, RTD PT100, DUAL ELEMENT, REFER TO DRAWING NO: 4ME001181, MFG: OKAZAKI	1,00	EA		
8	205406/	TEMPERATURE ELEMENT, TYPE : E, DOUBLE ELEMENT, OD: 4.8MM, MATERIAL: 316L/IEC1, LE: 616MM, L1: 516MM, L2: 100MM, CONNECTION: 1/8" NPT SUS 304, REF DWG NO: P-558829, MFG: YAMARI	2,00	SET		
9	221759/	INDICATOR,TEMPERATURE, THERMOSTAT, LP SEAL AIR HEATER, VOLTAGE RATING : 220 VAC, ITEM NUMBER : BT1 SERIES, BRAND : BOTA	4,00	PC		
10	201936/	INVERTER,POWER,STATIC, VFD of Limestone Weight Feeder, ABB, 380-480 V, 2.2 KW, 3 PHASE, ACS355-03E-05A6-4	2,00	PC		
11	223907/	MOTOR,ALTERNATING CURRENT, Q3E71-FA, , HPT BY PASS, THREE PHASE INDUCTION MOTOR, 3PHASE, 380VAC, 0.37KW, 1.07A, 50HZ, IC411, IP55, S1, CLASS F, 1500RPM, FLANGE MOUNTED IM B5	2,00	SET		
12	223900/	CONTROL,TEMPERATURE,INDICATING, TEMPERATURE CONTROLLER TYPE :TK4W-A4RN, 7-SEGMENT LED,POWER 100-240VAC~ 50/60HZ, INPUT: RTD, THERMOCOUPLE 4-20mA, BRAND: AUTONICS	50,00	PC		
13	224258/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT	6,00	PC		


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		SWIVEL, 1/4 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2000MM				
14	224259/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2200MM	6,00	PC		
15	224260/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2400MM	6,00	PC		
16	224261/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2600MM	6,00	PC		
17	224262/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/2", END CONNECTION 1/2" MALE NPT SWIVEL, 1/2 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 1200MM	16,00	PC		
18	224263/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1", END CONNECTION FEMALE SWIVEL BSPT 1" TO MALE SWIVEL BSPT 1", OVERALL LENGTH 1000MM	4,00	PC		
19	222155/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/2", END CONNECTION FEMALE BSPT 1/2" TO MALE BSPT 1/2", OVERALL LENGHT 1000MM	12,00	PC		
20	222156/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION FEMALE BSPT 1/4" TO MALE BSPT 1/8", OVERALL LENGHT 1000MM	8,00	PC		

Term and Conditions:

1. The above price are included delivery cost to warehouse of PT. KPJB
2. Please mention Certificate is required at the delivery time
3. Payment will be made by Telegraphic Transfer (T/T) within forty five (45) days after invoice received, attached with delivery or work completion report issued by PT.KPJB.
4. Please mention Bank Account that will be use for payment (including Bank Name, Bank Address)
5. Please mention Name of Director

Place, [Month] [Date] [Year]
SIGN & COMPANY STAMP
DUTY STAMP / MATERAI (10000)
Name
(Title)

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B. Unpriced Quotation

<COMPANY LOGO>

Quotation

No:

Item No	Item Code	Description	Quantity		Delivery Time
			Order	Unit	
1	219960/	VALVE,REGULATING,PRESSURE, HYDRAULIC PRESSURE REDUCING VALVE, MODEL NO: J-63B, BATCH NO: 20151020, THREAD DIA: 1 INCH, MFG: SHANGHAI WEIYAN HYDRAULIC PARTS	4,00	PC	Not later than June 30, 2026.
2	219961/	VALVE,REGULATING,FLOW, HYDRAULIC THROTTLE VALVE, PN: DV20S-1-10/2, THREAD DIA: 1 INCH, MFG: WUXISHI DE TIAN INDUSTRIAL AUTOMATION TECHNOLOGY	4,00	PC	
3	223458/	VALVE,NEEDLE, GENERAL UTILITY SERVICES NEEDLE VALVE, MODEL NO: NBSS-FNS4-NS4-8-M, MATERIAL: SS316, INLET: FEMALE NPT 1/4 INCH, OUTLET: MALE 1/4 INCH, BRAND: FITOK	16,00	PC	
4	211374/	VALVE,SOLENOID, MAGNETIC SOLENOID DRAIN VALVE, TYPE: PU220-15E2-JS, PRESS: 0-0.7MPA, DIA: 1 INCH, BRAND: E-MC	3,00	EA	
5	101325/	FILTER ELEMENT, 3M MICRO KLEAN D/ MYCRO WYND II P/N: DCCSA MATERIAL: COTTON MEDIA, STAINLESS STEEL CORE, RATING 3 MICRON, L 9 7/8"	78,00	PC	
6	224207/	INDICATOR/TRANSMITTER,RATE OF FLOW, OIL FLOW INDICATOR, OIL IMMERSED TRANSFORMER PROTECTIVE RELAY, OIL FLOW 2000L/MIN, BUILT-IN MICRO-SWITCH, RATING AC125-250V-5A; DC125-250V-0.5A (NON-INDUCTIVE LOAD)	7,00	PC	
7	223716/	TEMPERATURE ELEMENT, RTD PT100, DUAL ELEMENT, REFER TO DRAWING NO: 4ME001181, MFG: OKAZAKI	1,00	EA	
8	205406/	TEMPERATURE ELEMENT, TYPE : E, DOUBLE ELEMENT, OD: 4.8MM, MATERIAL: 316L/IEC1, LE: 616MM, L1: 516MM, L2: 100MM, CONNECTION: 1/8" NPT SUS 304, REF DWG NO: P-558829, MFG: YAMARI	2,00	SET	
9	221759/	INDICATOR,TEMPERATURE, THERMOSTAT, LP SEAL AIR HEATER, VOLTAGE RATING : 220 VAC, ITEM NUMBER : BT1 SERIES, BRAND : BOTA	4,00	PC	
10	201936/	INVERTER,POWER,STATIC, VFD of Limestone Weight Feeder, ABB, 380-480 V, 2.2 KW, 3 PHASE, ACS355-03E-05A6-4	2,00	PC	
11	223907/	MOTOR,ALTERNATING CURRENT, Q3E71-FA, , HPT BY PASS, THREE PHASE INDUCTION MOTOR, 3PHASE, 380VAC, 0.37KW, 1.07A, 50HZ, IC411, IP55, S1, CLASS F, 1500RPM, FLANGE MOUNTED IM B5	2,00	SET	
12	223900/	CONTROL,TEMPERATURE,INDICATING, TEMPERATURE CONTROLLER TYPE :TK4W-A4RN, 7-SEGMENT LED,POWER 100-240VAC~ 50/60HZ,	50,00	PC	

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		INPUT: RTD, THERMOCOUPLE 4-20mA, BRAND; AUTONICS			
13	224258/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2000MM	6,00	PC	
14	224259/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2200MM	6,00	PC	
15	224260/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2400MM	6,00	PC	
16	224261/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2600MM	6,00	PC	
17	224262/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/2", END CONNECTION 1/2" MALE NPT SWIVEL, 1/2 " MALE NPT ELBOW SWIVEL, OVERALL LENGTH 1200MM	16,00	PC	
18	224263/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1", END CONNECTION FEMALE SWIVEL BSPT 1" TO MALE SWIVEL BSPT 1", OVERALL LENGTH 1000MM	4,00	PC	
19	222155/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/2", END CONNECTION FEMALE BSPT 1/2" TO MALE BSPT 1/2", OVERALL LENGHT 1000MM	12,00	PC	
20	222156/	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION FEMALE BSPT 1/4" TO MALE BSPT 1/8", OVERALL LENGHT 1000MM	8,00	PC	

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1. The above price are included delivery cost to warehouse of PT. KPJB
2. Please mention Certificate is required at the delivery time
3. Payment will be made by Telegraphic Transfer (T/T) within forty five (45) days after invoice received, attached with delivery or work completion report issued by PT.KPJB.
4. Please mention Bank Account that will be use for payment (including Bank Name, Bank Address)
5. Please mention Name of Director

Place, [Month] [Date] [Year]
SIGN & COMPANY STAMP

Name
(Title)

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Attachment 3: RFQ No. K19357

Unprice Document Required

No.	Syarat Administrasi (Administration Requirement)
A.	
1	Asli Surat Penawaran (Original Unprice quotation) yang: 1. Description sesuai permintaan 2. Bertanggal (dated) 3. Bertanda tangan dan Cap Perusahaan (Company stamped) 4. Menyebutkan waktu pengiriman sampai gudang sesuai permintaan (Time Delivery)
2	Pengalaman Pekerjaan dengan total harga kontrak senilai minimal IDR 145.000.000 – menyerahkan copy kontrak atau PO (Work Experience for contract amount minimum IDR 145.000.000 – submitting the copy of the contract or PO)
3	Copy pembayaran pajak SSP (PPN) 3 bulan terakhir periode: Sep, Okt, Nov 2025 (Copy of last 3 month payment tax or period of: Sep, Oct, Nov 2025)
4	Original Pakta Integritas
5	Surat Pernyataan Keaslian Dokumen
6	Vendor participant must have registered CSMS Certificate (minimum : Low Risk Level) issued by PT. PLN (Persero) - submitting the copy of the document
7	Original Bid bond 1% up to 3% from price quotation (including VAT) with the validity until 12 MAY 2026 - Bid bond should be issued by Bank based on DPJT list and format issued by PLN - Beneficiary of Bid bond to: PT. Perusahaan Listrik Negara (Persero) UIK Tanjung Jati B Desa Tubanan, Kecamatan Kembang, Jepara Jaminan Penawaran asli 1% sampai dengan 3% dari Penawaran Harga (termasuk PPN) dengan validitas sampai dengan 12 MAY 2026
B.	
1	Copy Surat Ijin Usaha Perusahaan – SIUP / BKPM (PMA) (copy of Business License)
2	Copy Surat Ijin Tempat Usaha – SITU / DOMISILI / HO (Copy of Domicile Certificate)
3	Copy Nomor Pokok Wajib Pajak - NPWP (Copy Tax ID number of company)
4	Copy Surat Pengukuhan Perusahaan Kena Pajak - SPPKP (Copy of Taxable Company Certificate)
5	Copy Tanda Daftar Perusahaan – TDP / NIB (Copy of Certificate Company Registration)
6	Copy Akte pendirian perusahaan/perubahan *jika ada (Deed of Incorporation)

Note: Administration Requirement point B 1-6 is not required to be submitted if your company already registered in our SAP and the Company data submitted still valid until closing time. If any document not submitted by the suppliers or the submitted document do not meet the requirement, we will regard that the supplier fails and we will not open the price quotation document (price evaluation)

Catatan: Syarat Administrasi no. B 1-6 tidak perlu di kirimkan jika perusahaan anda sudah terdaftar di SAP kami dan data yang dahulu di kirimkan masih berlaku sampai dengan waktu penutupan bidding. Jika ada dokumen yang tidak diserahkan atau dokumen yang diserahkan tidak sesuai dengan persyaratan, kami akan menganggap bahwa supplier gagal dan kami tidak akan membuka dokumen penawaran harga (evaluasi harga).

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	PLTU TANJUNG JATI B #UNIT 3&4	Form No.	: KPJB-0951-02-ZZ-FM-03
	REQUEST FOR QUOTATION	Design Div.	: Finance and Administration
		Revision No.	: 00

Attachment 4: RFQ No. K19357

(KOP PERUSAHAAN/BADAN/LEMBAGA)

PAKTA INTEGRITAS

Saya yang bertanda tangan di bawah ini, dalam rangka Pengadaan (*diisi Nama Pengadaan*) dengan nomor (*diisi nomor RFQ/PR*), pada satuan kerja PT KPJB yang dalam hal ini mewakili PT PLN (Persero) Unit Induk Pembangkitan Tanjung Jati B Jepara dengan ini menyatakan bahwa saya:

1. Akan mentaati peraturan tentang Pedoman Pengadaaan Barang/Jasa di Lingkungan PT KPJB dan PT PLN (Persero), dan peraturan perundang-undangan yang terkait dengan pengadaan;
2. Tidak akan melakukan persengkokolan/pengaturan/kerjasama diantara para Peserta Pengadaan/Jasa lain dan/atau Pengguna Barang/Jasa dan/atau Pelaksana Pengadaan yang dapat mengakibatkan terjadinya persaingan usaha tidak sehat;
3. Mendukung prinsip **4 NO's** yang dijunjung tinggi oleh PT KPJB dan PT PLN (Persero) yaitu:
 - a. **No Bribery** (tidak boleh ada suap menyuap dan pemerasan)
 - b. **No Kickback** (tidak boleh ada komisi, tanda terimakasih baik dalam bentuk uang dan dalam bentuk lainnya);
 - c. **No Gift** (tidak boleh ada hadiah atau gratifikasi yang bertentangan dengan peraturan
 - d. **No Luxirious Hospitality** (tidak boleh ada penyambutan dan jamuan yang berlebihan).
4. Tidak akan melakukan komunikasi yang mengarah dan/atau melakukan praktek Korupsi, Kolusi dan Nepotisme (KKN)
5. Akan melakukan proses pengadaan secara bersih dan transparan agar menghasilkan pekerjaan sesuai ketentuan peraturan perundang-undangan yang berlaku.

Apabila saya melanggar hal-hal yangtelah saya nyatakan dalam Pakta Integritas ini, saya bersedia dikenakan sanksi sesuai dengan ketentuan peraturan perundang-undangan yang berlaku.

_____ [Tempat], _____ [Tanggal]

[Tanda Tangan & Cap Perusahaan & Materai 10.000]

_____ [Nama Jelas]

_____ [Jabatan]

	PT. KOMIPO PEMBANGKITAN JAWA BALI	Doc. Ref	: KPJB-0951-02
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Attachment 5: RFQ No. K19357

(KOP PERUSAHAAN/BADAN/LEMBAGA)

SURAT PERNYATAAN KEASLIAN DOKUMEN

Yang bertanda tangan di bawah ini :

Nama :

Jabatan :

Alamat :

Sehubungan dengan pekerjaan :

Judul Pekerjaan :

RFQ No. :


Menyatakan dengan sesungguhnya bahwa segala dokumen yang kami sampaikan adalah benar dan apabila dikemudian hari ditemukan bahwa dokumen – dokumen yang telah kami sampaikan tidak benar dan ada pemalsuan, maka kami bersedia dikenakan sanksi sesuai peraturan perundang – undangan yang berlaku.

_____ [Tempat], _____ [Tanggal]

[Tanda Tangan & Cap Perusahaan & Materai 10.000]

_____ [Nama Jelas]

_____ [Jabatan]

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00

1. Background

TOR Subject : Spare Parts RTF Main Turbine for MBFP Temperature Element
 WO No : 164696
 WO Desc : #4 MBFP MTR A BRG1 TEMP ABNORMAL READING

2. Spare Part Data

2.1. System :

- FW : Feedwater System

2.2. Equipment : Temperature Element

2.3. Spare Part Group :

- Overhaul
- PM & PdM
- Run to Failure
- Strategic Parts
- Strategic Equipment

2.4. Usage Plan : Part will be installed after delivery and good receipt in KPJB warehouse

2.5. Description

No	Item	Tag No	Description	Qty
1	223716	3FW-TE322	TEMPERATURE ELEMENT, RTD PT100, DUAL ELEMENT, REFER TO DRAWING NO: 4ME001181, MFG: OKAZAKI	1

3. Work Scope

N/A

4. CSMS Risk Level

- 1. Low
- 2. Moderate
- 3. High
- 4. Very High
- 5. Extreme

5. Bidder Qualification


N/A

6. Delivery of material and/or services

6.1. Required date is 30 March 2026

6.2. Delivery point is KPJB's Warehouse, PLTU Tanjung Jati B Unit 3&4, Jepara, Central Java

Sign		
	Staff	Leader

 PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
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	Design Div.	: Finance and Administration
	Revision No.	: 00
TERM OF REFERENCE		

7. Requirement of Documents

Within delivery the materials, supplier should submit documents as follow:

- 1.1. Certificate issued by Manufacturer
- 1.2. Warranty letter for 1 year from supplier

8. Technical Specification

- 8.1. All technical specifications should comply with determined specification, cannot be changed, no crack, should be new 100%, genuine, no defect, and can be used properly.
- 8.2. In the case PT KPJB declines the delivered material, the supplier should replace the material. If a supplier can't replace it, they will be penalized in accordance with the General Term & Condition (GTC) of the PO.
- 8.3. Open selected brand Yokogawa, Vega, Endres Hauser, Rosemount, Honeywell

9. Acceptance Criteria

- 9.1. Delivery time is complied.
- 9.2. All delivered materials are according to PO requirement, specification and condition of the TOR.
- 9.3. All of the required documents are fulfilled.

10. Standard of Quality

Quality of the material and/or services should comply with standard, code, manufacturer specification and user's requirement.

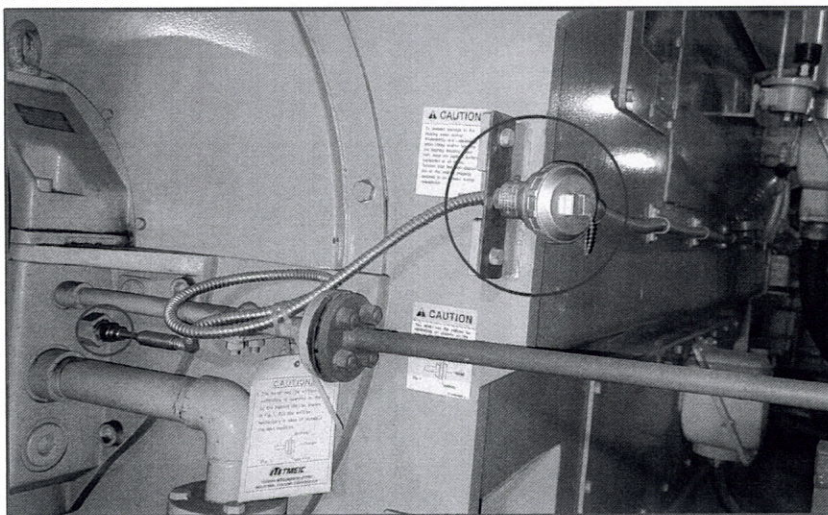
11. Warranty

Generally if there isn't another clause mentioned, the supplier should warrant the material for 1 year after material being received by PT. KPJB.

12. Material Technical Data Sheet


N/A

13. Picture



For the detail drawing and specification please follows the attachment file

Sign		
	Staff	Leader

 PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
	Form No.	: KPJB-0951-02-ZZ-FM-16
	Design Div.	: Finance and Administration
	Revision No.	: 00
TERM OF REFERENCE		

14. Drawing



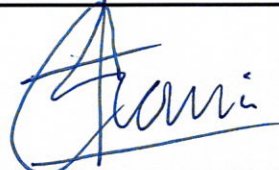
N/A

15. Others

15.1. Aanwijzing process no needed

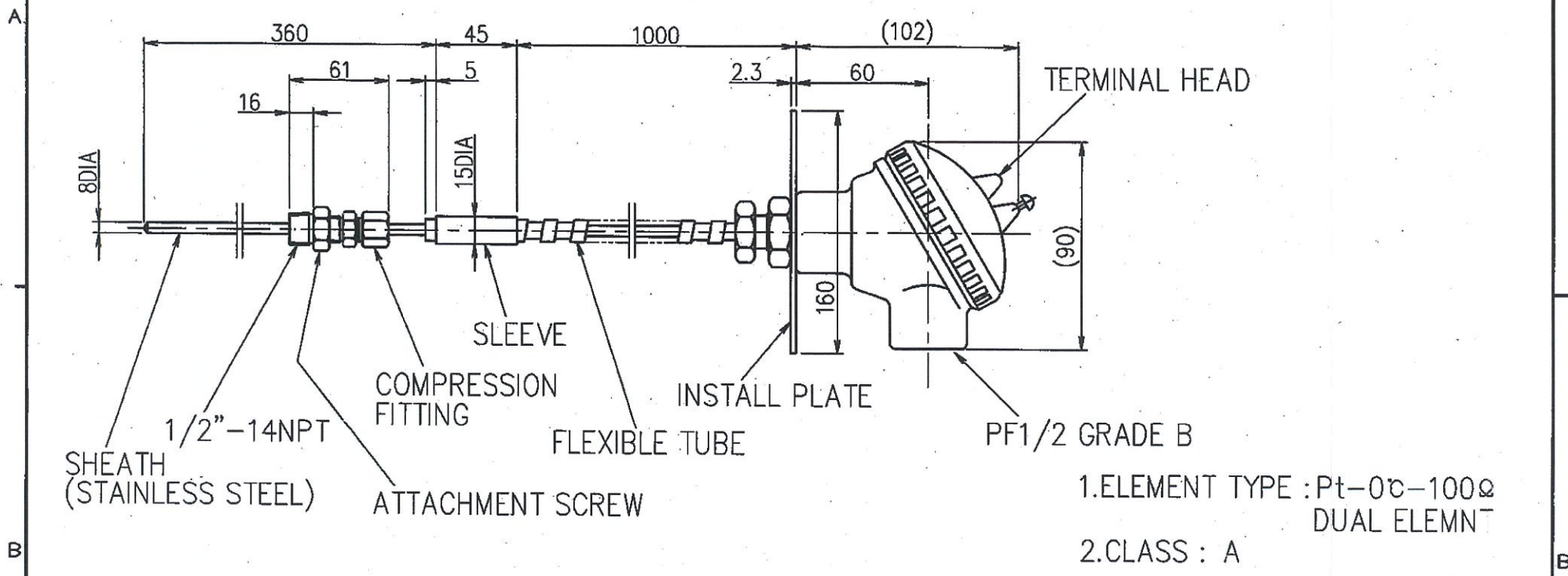
15.2. Attachment

- ▶ WO no 164696
- ▶ Trouble inspection report
- ▶ Drawing Specification of Temperature Element

Prepared by	Checked by	Approved by
		
<u>Lilik Pujiyanto</u> Staff	<u>Surya Nanda S</u> Leader	<u>Franky Khaloleos K</u> Manager
Date :	Date :	Date :

Sign		
	Staff	Leader


C/H	図面番号 DRAWING NO.	変更種別 REV. CTG	名称 TITLE (ABBR)	品質管理 REMARKS	担当 PREP.	M.F.	普通許容差ハ下記ニヨル
F1	4ME001181	A	BRG R.T.D.		TM	1	
MODEL CODE		IMA32P30 TIKE, 4P, 5600KX2, RCCN					



1.ELEMENT TYPE : Pt-0c-100Ω
 DUAL ELEMNT
 2.CLASS : A

承認 APPROVED BY	H. Egashira Dec. 22, '08	調査 REVIEWED BY	/	名称 TITLE	BEARING R.T.D.
調査 REVIEWED BY	Y. Fukushima Dec. 22, '08	担当 PREPARED BY	H. Yamaga Dec. 22, '08	図面番号 DRAWING NO.	
単位 UNITS	mm	TOSHIBA		4ME001181	REV. MARK A
記事 CONTENTS	類似・参考図	TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION		保管 REGISTERED	

05

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
TERM OF REFERENCE		Design Div.	: Finance and Administration
		Revision No.	: 00

1. Background

TOR Subject : Spare Parts RTF Main Turbine Temperature Element
 WO No : 154267
 WO Desc : UNIT 3: MSV B INR/OUT MET DIFF T HIGH ALARM ACTIVE

2. Spare Part Data

2.1. System :

- MS : Main Steam System

2.2. Equipment : Temperature Element

2.3. Spare Part Group :

- Overhaul
- PM & PdM
- Run to Failure
- Strategic Parts
- Strategic Equipment

2.4. Usage Plan : Part will be installed after delivery and good receipt in KPJB warehouse

2.5. Description

No	Item	Tag No	Description	Qty
1	205406	3MS-TE003A 3MS-TE003B	TEMPERATURE ELEMENT, TYPE : E, DOUBLE ELEMENT, OD: 4.8MM, MATERIAL: 316L/IEC1, LE: 616MM, L1: 516MM, L2: 100MM, CONNECTION: 1/8" NPT SUS 304, REF DWG NO: P-558829, MFG: YAMARI	2

3. Work Scope

N/A

4. CSMS Risk Level

- 1. Low
- 2. Moderate
- 3. High
- 4. Very High
- 5. Extreme

5. Bidder Qualification

N/A


6. Delivery of material and/or services

6.1. Required date is 30 March 2026

6.2. Delivery point is KPJB's Warehouse, PLTU Tanjung Jati B Unit 3&4, Jepara, Central Java

Term of Reference

Sign		
	Staff	Leader

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00

7. Requirement of Documents

Within delivery the materials, supplier should submit documents as follow:

- 1.1. Certificate issued by Manufacturer
- 1.2. Warranty letter for 1 year from supplier

8. Technical Specification

- 8.1. All technical specifications should comply with determined specification, cannot be changed, no crack, should be new 100%, genuine, no defect, and can be used properly.
- 8.2. In the case PT KPJB declines the delivered material, the supplier should replace the material. If a supplier can't replace it, they will be penalized in accordance with the General Term & Condition (GTC) of the PO.
- 8.3. Open selected brand Yokogawa, Vega, Endres Hauser, Rosemount, Honeywell

9. Acceptance Criteria

- 9.1. Delivery time is complied.
- 9.2. All delivered materials are according to PO requirement, specification and condition of the TOR.
- 9.3. All of the required documents are fulfilled.

10. Standard of Quality

Quality of the material and/or services should comply with standard, code, manufacturer specification and user's requirement.

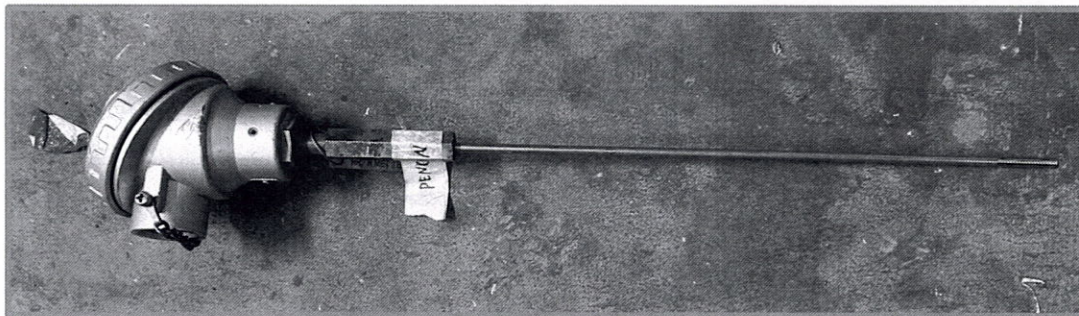
11. Warranty

Generally if there isn't another clause mentioned, the supplier should warrant the material for 1 year after material being received by PT. KPJB.

12. Material Technical Data Sheet

N/A

13. Picture




For the detail drawing and specification please follows the attachment file

14. Drawing

N/A

Sign		
	Staff	Leader




	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
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	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00

15. Others

15.1. Aanwijzing process no needed

15.2. Attachment

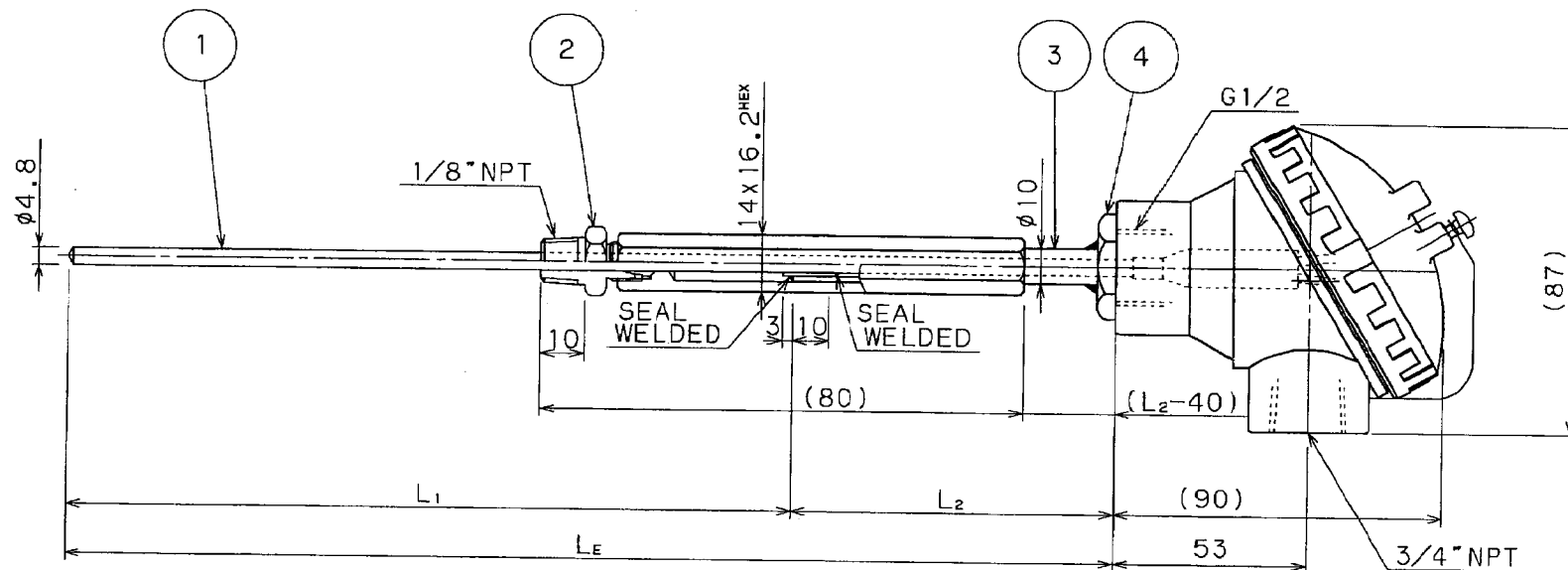
- WO no 160678
- Drawing and specification
- Procurement and Installation Plan Transmitter Main Turbine

Prepared by	Checked by	Approved by
		
<u>Lilik Pujiyanto</u> Staff	<u>Surya Nanda S</u> Leader	<u>Franky Khaloleos K</u> Manager
Date :	Date :	Date :

Sign		
	Staff	Leader

S				
REV.	DATE	DESCRIPTION	SIGN	APPR

SPECIFICATION OF TERMINAL HEAD	
TYPE	KN (A.D.C)
TERMINAL BLOCK	STEATITE
COLOR	METALLIC SILVER




LEAD COLOR
(IEC TYPE E)

+: PURPLE
-: WHITE

UNIT : mm

6					HOT JUNCTION	SEE LIST	APPROVED BY	CUSTOMER	
5					LIMIT OF ERROR	SEE LIST	CHKED BY	TITLE	
4	SOCKET	SUS 304	1		JOB. NO.	-	DRAWN BY	TYPE HF THERMOCOUPLE ASSEMBLIES	
3	SUPPORT	SUS 304	1	φ10xφ7	REQ. NO.	-	S.HIRATA		
2	COMPRESSION FITTING	SUS 304	1		ORD. NO.	-	SCALE	DRAWING NO. P-558829	
1	THERMIC	SHEATH SEE LIST	1	SEE LIST			DATE		
NO.	PARTS	MATERIAL	Q'TY	REMARKS			FREE '09.11.11		
							YAMARI INDUSTRIES, LTD.		P

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-22
TERM OF REFERENCE		Design Div.	: Finance and Administration
		Revision No.	: 02

1. Background

The spare parts will be provided to equipment as follow:

Name : Temperature Controller

Brand : Autonics

2. Spare Part Data

2.1. System : ESP

2.2. Equipment : Heater control (Hopper plate heater and ESP insulation heater)

2.3. Spare Part Group :

- Overhaul
- PM & PdM
- Run to Failure
- Strategic Parts
- Strategic Equipment

2.4. Usage Plan :

- Install the new temperature controllers in prioritized locations upon their arrival to address urgent operational needs.
- Allocate a portion of the new controllers to be kept in stock for future maintenance or replacement needs.

2.5. Description :

The Electrostatic Precipitator (ESP) system plays a vital role in reducing emissions by capturing and removing particulate matter from flue gas in industrial processes. A key component of this system is the temperature controller, which ensures optimal heater performance to maintain the required operational temperature range.

Currently, a significant number of temperature controllers in the ESP area are non-functional or damaged, leading to heater inefficiencies and unstable temperature regulation.

3. Work Scope

- Material/spare part supply described as follows :


No	Item ID	Description	Quantity	Unit
1	223900	CONTROL,TEMPERATURE,INDICATING, TEMPERATURE CONTROLLER TYPE :TK4W-A4RN, 7-SEGMENT LED,POWER 100-240VAC~ 50/60HZ, INPUT: RTD, THERMOCOUPLE 4-20mA, BRAND; AUTONICS	50	pcs

4. CSMS Risk Level:

- 1. Low
- 2. Moderate
- 3. High
- 4. Very High
- 5. Extreme

5. Bidder Qualification

5.1. Authorized distributor

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
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	TERM OF REFERENCE	Design Div.	: Finance and Administration
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6. Delivery of material and/or services

- 6.1. Required date is **30 March 2026**.
- 6.2. Delivery point is KPJB's Warehouse, PLTU Tanjung Jati B Unit 3&4, Jebara, Central Java.

7. Requirement of Documents

Within delivery the materials, supplier should submit documents as follow:

- 7.1. Original COM issued by manufacturer.
- 7.2. Warranty letter for 1 year from Supplier

8. Technical Specification

- 8.1. All of technical specification should be comply with determined specification, cannot be changed, no crack, should be new 100%, genuine, no defect, and can be used properly.
- 8.2. In the case PT KPJB decline the delivered material, supplier should replace the material. If supplier can't replace it, they will be penalized in accordance to General Term & Condition (GTC) of the PO.

9. Acceptance Criteria

- 9.1. Delivery time is complied.
- 9.2. All delivered materials are accordance to PO requirement, specification and condition of the TOR.
- 9.3. All of required document are fulfilled.

10. Standard of Quality


Quality of the material and/or services should comply with standard, code, manufacturer specification and user's requirement. *(or determined by user)*

11. Warranty

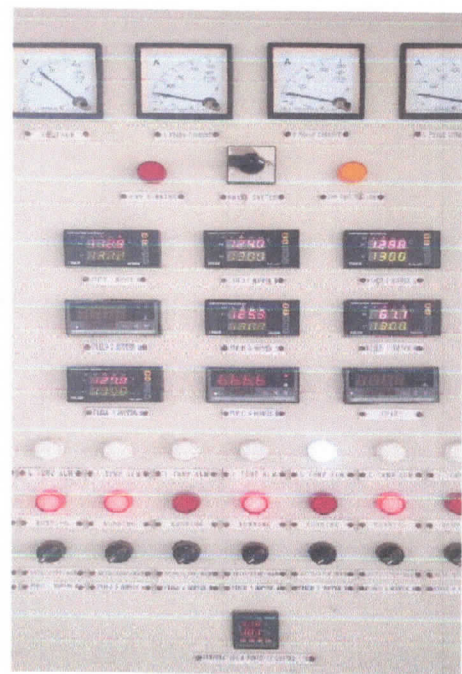
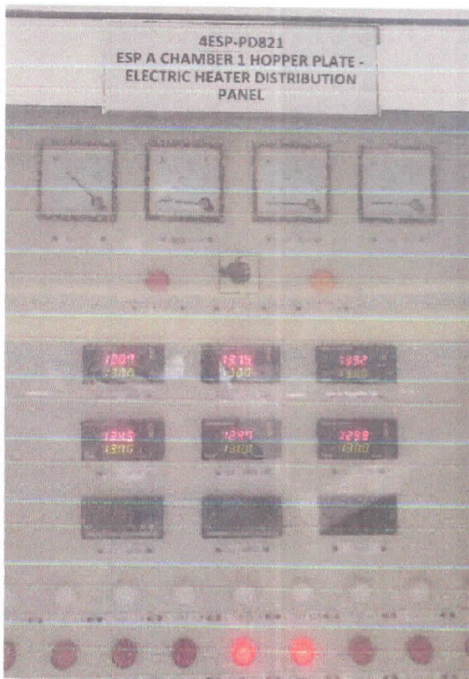
Generally if there isn't mentioned at other clause, supplier should warrant the material for 1 year after material being receiving by PT. KPJB.

12. Material Technical Data Sheet

Display method	4-digit 7-segment LED
Control method	ON/OFF, P, PI, PD, PID
Input specification	Thermocouple, RTD, Analog: 0-100mV, 0-5V, 1-5V, 0-10V, 0-20mA, 4-20mA
Control output 1	Relay (250VAC~ 3A)
Option output	Alarm 1/2, Transmission (DC4-20mA)
Power supply	100-240VAC~ 50/60Hz
Protection structure	IP65(front panel)

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
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		Design Div.	: Finance and Administration
		Revision No.	: 02


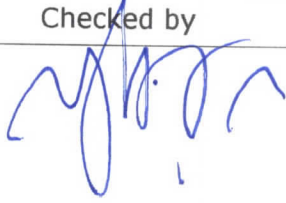
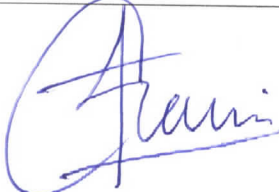
13. Picture




14. Drawing

- Drawing/wiring diagram attached

15. Others

Prepared by	Checked by	Approved by
		
Agung Nugroho Staff	Yuda Aditya Vantama Leader	Franky Khaloleos Koraag Manager
Date : 20/1/2025	Date : 20/1/2025	Date : 20/1/2025

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-22
TERM OF REFERENCE		Design Div.	: Finance and Administration
		Revision No.	: 02

1. Background

The spare parts will be provided to equipment as follow:

Name : HPT BY PASS OIL CONTROL SUPPLY
Brand : TEE/WATT/ES

2. Spare Part Data

2.1. System : TURBINE

2.2. Equipment : HPT BY PASS OIL CONTROL SUPPLY

2.3. Spare Part Group :

- Overhaul
- PM & PdM
- Run to Failure
- Strategic Parts
- Strategic Equipment

2.4. Usage Plan : will be installed after received at warehouse KPJB

2.5. Description :

No	Desc	Qty	Maximo ID
1	MOTOR,ALTERNATING CURRENT, Q3E71-FA, , HPT BY PASS, THREE PHASE INDUCTION MOTOR, 3PHASE, 380VAC, 0.37KW, 1.07A, 50HZ, IC411, IP55, S1, CLASS F, 1500RPM, FLANGE MOUNTED IM B5	2	223907

3. Work Scope

(Supply material)

4. CSMS Risk Level:

- 1. Low
- 2. Moderate
- 3. High
- 4. Very High
- 5. Extreme

5. Bidder Qualification

-

6. Delivery of material and/or services

6.1. Required date is **March 30' 2026.**

6.2. Delivery point is KPJB's Warehouse, PLTU Tanjung Jati B Unit 3&4, Jepara, Central Java.


7. Requirement of Documents

Within delivery the materials, supplier should submit documents as follow:

- 7.1. Original COO issued by chamber of commerce.
- 7.2. Warranty letter from Supplier.
- 7.3. Manual/detail drawing/test certified by manufacture.

8. Technical Specification

- 8.1. All of technical specification should be comply with determined specification, cannot be changed, no crack, should be new 100%, genuine, no defect, and can be used properly.
- 8.2. In the case PT KPJB decline the delivered material, supplier should replace the material. If supplier can't replace it, they will be penalized in accordance to General Term & Condition (GTC) of the PO.

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
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TERM OF REFERENCE		Design Div.	: Finance and Administration
		Revision No.	: 02

9. Acceptance Criteria

- 9.1. Delivery time is complied.
- 9.2. All delivered materials are accordance to PO requirement, specification and condition of the TOR.
- 9.3. All of required document are fulfilled.

10. Standard of Quality

Quality of the material and/or services should comply with standard, code, manufacturer specification and user's requirement.

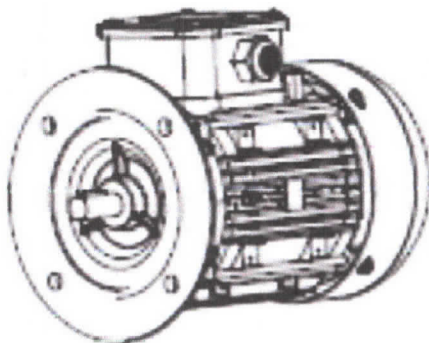
11. Warranty

Generally if there isn't mentioned at other clause, supplier should warrant the material for 18 months after the material being receiving or 12 months after the material installed by PT. KPJB.

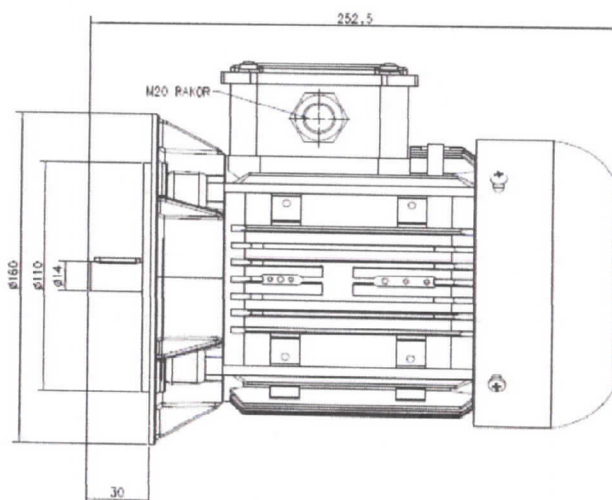
12. Material Technical Data Sheet


MOTOR, ALTERNATING CURRENT, Q3E71-FA, , HPT BY PASS, THREE PHASE INDUCTION MOTOR, 3PHASE, 380VAC, 0.37KW, 1.07A, 50HZ, IC411, IP55, S1, CLASS F, 1500RPM, FLANGE MOUNTED IM B5

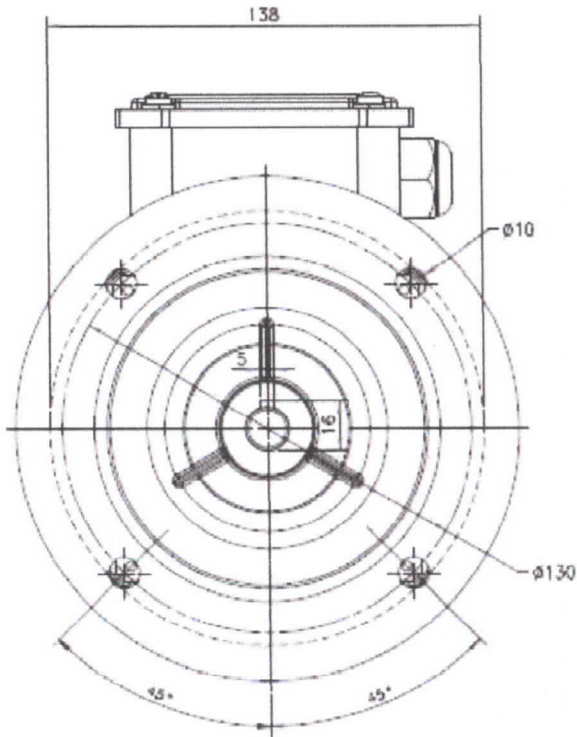
13. Picture



14. Drawing

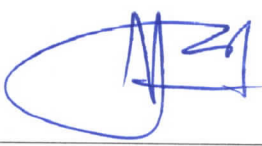

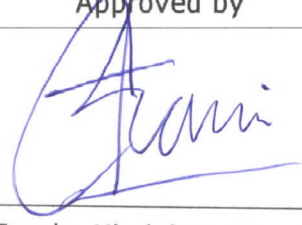


	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
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TERM OF REFERENCE		Design Div.	: Finance and Administration
		Revision No.	: 02



15. Others

15.1. Aanwijzing Process is needed.

Prepared by	Checked by	Approved by
		
<u>Yos Wita Santoso</u> Staff	<u>Yuda Aditya Vantama</u> Leader	<u>Franky Khaloleos Koraag</u> Manager
Date :	Date :	Date :

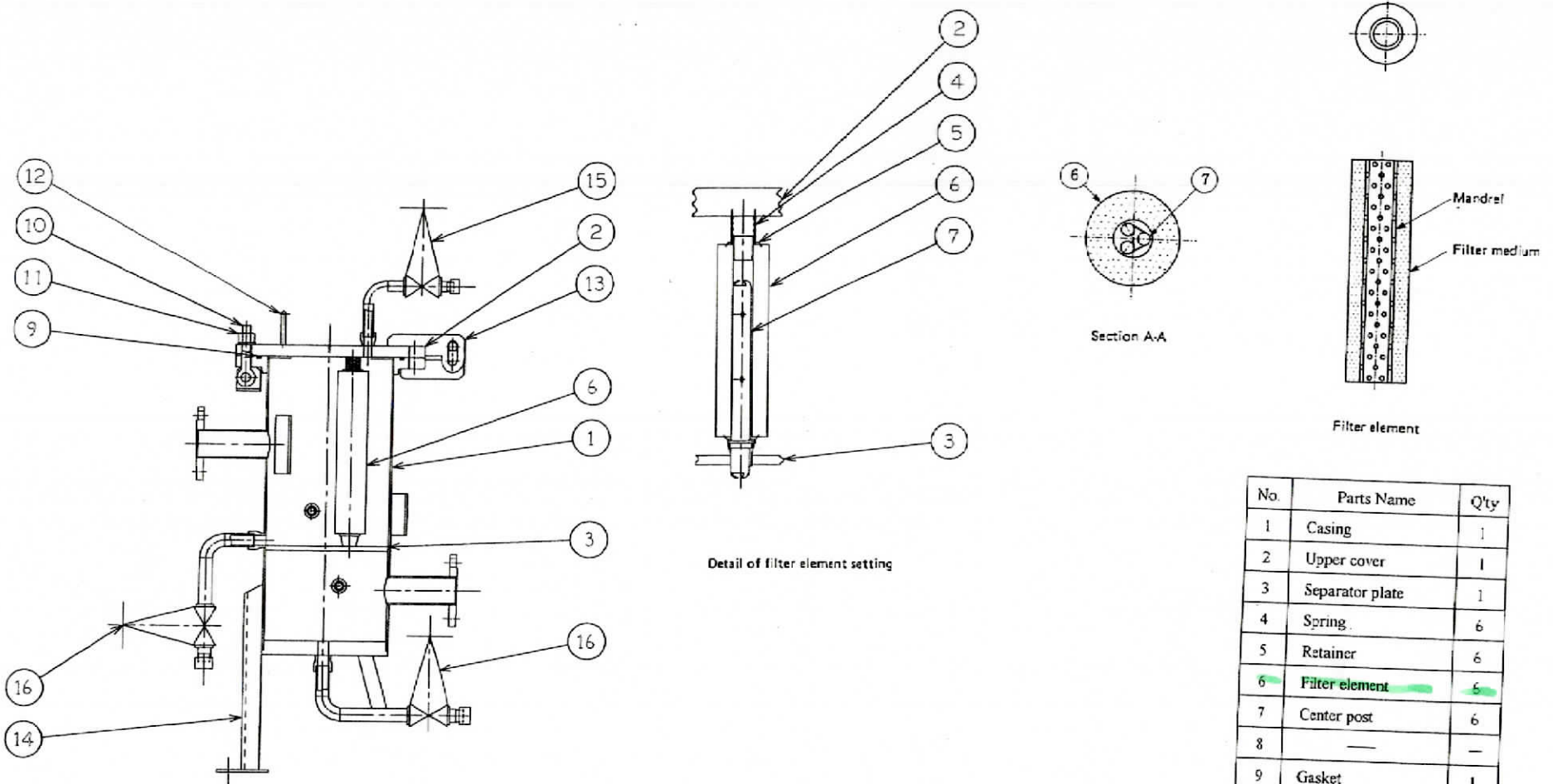


Fig.1 Make-up water filter

No.	Parts Name	Q'ty
1	Casing	1
2	Upper cover	1
3	Separator plate	1
4	Spring	6
5	Retainer	6
6	Filter element	6
7	Center post	6
8	—	—
9	Gasket	1
10	Bolt	3
11	Nut	3
12	Lifter arm	1
13	Lifter nut	1
14	Leg	3
15	Air vent valve	1
16	Drain valve	2

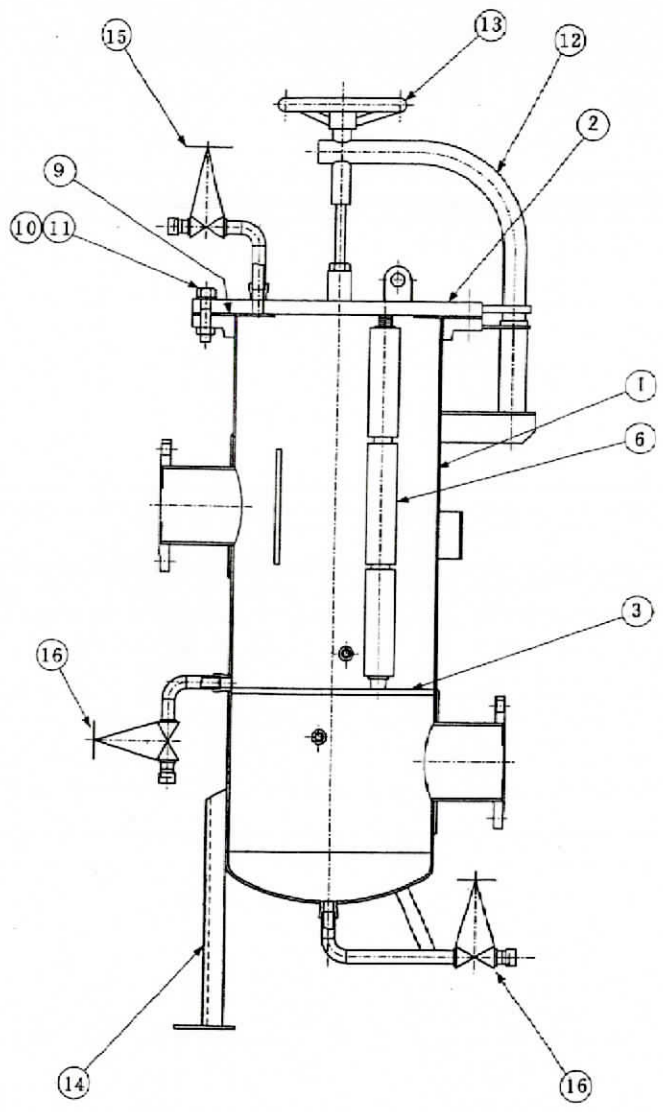
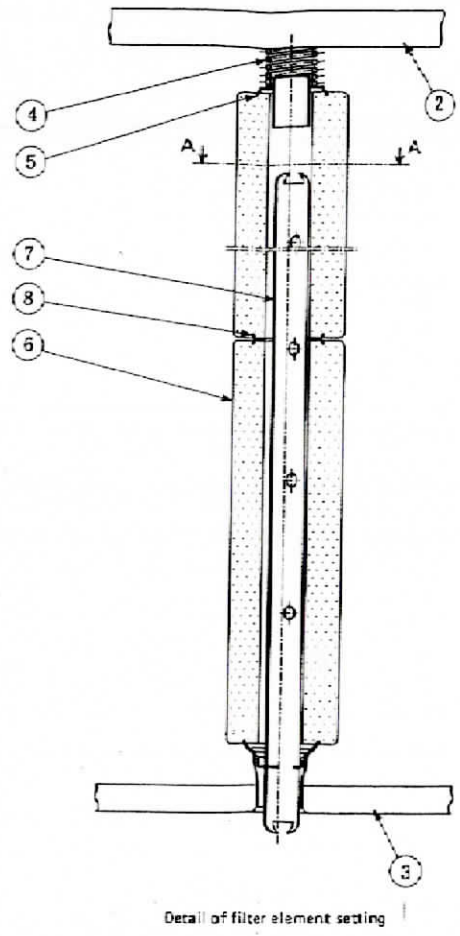
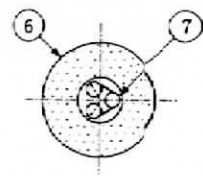


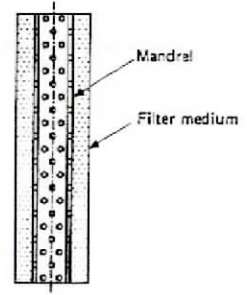
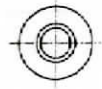
Fig.1 Stator cooling water filter



Detail of filter element setting




Sect on A-A



Filter element

No.	Parts Name	Qty
1	Casing	1
2	Upper cover	1
3	Separator plate	1
4	Spring	19
5	Retainer	19
6	Filter element	57
7	Center post	19
8	Spacer	38
9	Gasket	1
10	Bolt	10
11	Nut	10
12	Lifter arm	1
13	Lifter handle	1
14	Leg	3
15	Air vent valve	1
16	Drain valve	2

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00

1. Subject

U4PO2026 Stator Cooling Water Filter

2. Background

The spare parts will be provided to equipment as follow:

- o Name : SCW Filter
- o Brand : **3M**

3. Spare Part Data

3.1. System: Stator Cooling Water System

3.2. Equipment:

- Name : Stator Cooling Water Filter
- Model : 3M Micro Klean D/ Mycro Wynd II

3.3. Spare Part Group:

- Overhaul
- PM & PdM
- Run to Failure
- Strategic Parts
- Strategic Equipment

3.4. Usage Plan:

For Planned Outage Unit #4 Class B 2026

3.5. Description :

Item to be purchased

No	Item ID	Description	Qty	Unit
1	101325	FILTER ELEMENT, 3M MICRO KLEAN D/ MYCRO WYND II P/N: DCCSA MATERIAL: COTTON MEDIA, STAINLESS STEEL CORE, RATING 3 MICRON, L 9 7/8"	78	Pcs

4. Work Scope

Material supply

5. CSMS Risk Level

- Low
- Moderate
- High
- Vey high
- Extreme

6. Bidder Qualification

- 6.1. Opened for all vendor
- 6.2. Vendor should have CSMS (Contractor Safety Management System) from PLN


7. Delivery of material and/or services

- 7.1. Required date is 30 June 2026
- 7.2. Delivery point is KPJB's Warehouse, PLTU Tanjung Jati B Unit 3&4, Jebara, Central Java.

8. Requirement of Documents

Within delivery the materials, supplier should submit documents as follow:

- 8.1. Original Certificate of Lot Conformance (CoLC) issued by manufacturer (**3M**)

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9. Technical Specification

- 9.1. All of technical specification should be comply with determined specification, cannot be changed, no crack, should be new 100%, genuine, no defect, and can be installed and used properly.
- 9.2. In the case PT KPJB decline the delivered material, supplier should replace the material. If supplier can't replace it, they will be penalized in accordance to General Term & Condition (GTC) of the PO.

10. Acceptance Criteria

- 10.1. Delivery time is complied.
- 10.2. All delivered materials are accordance to PO requirement, specification and condition of the TOR.
- 10.3. All of required document are fulfilled.

11. Standard of Quality

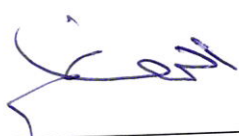
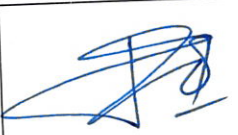

Quality of the material should comply with standard, code, manufacturer specification and user's requirement.


12. Warranty

Generally, if there isn't mentioned at other clause, supplier should warrant the material for 1 year after material being receiving by PT. KPJB.

13. Drawing

See attachment

Prepared by	Checked by	Approved by
		
<u>Andhi Pradana</u> Staff	<u>Agus Widodo</u> Turbine Leader	<u>Lim Hyung Chul</u> Mechanical Manager
Date:	Date:	Date:

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00

1. Background

As a preventive maintenance activity, the CNI team plans to replace the ash handling instrument air flexible hose due to the often and repeatable leakage history of the hose. The instrument air flexible hose of dry ash unloading vent filter and ash handling system frequently damage leak condition and need to be replaced to normalize. The replacement will be performed during the preventive maintenance schedule. Therefore, CNI proposed to buy these parts to meet the needs of spare parts.

TOR Subject : The Purchasing of Flexible Braided Instrument Air Hose in the Boiler Auxiliary Area
 WO No : 176832
 WO Desc : Replacement of Flexible Braided Instrument Air Hose in the Boiler Auxiliary Area

2. Spare Part Data

2.1. System :

- FAD Fly Ash Disposal

2.2. Equipment :

- 00FAD-LBX820 PULSE JET TIMER FLY ASH SILO A DRY ASH SYSTEM
- 00FAD-LBX821 PULSE JET TIMER FLY ASH SILO B DRY ASH SYSTEM
- 3FAD-LBX831-868 ESP FIELD 1-4 ASH HANDLING - PUMP NO.1-8 LOCAL INSTRUMENT BOX
- 4FAD-LBX831-868 ESP FIELD 1-4 ASH HANDLING - PUMP NO.1-8 LOCAL INSTRUMENT BOX
- 4GG-PN855 BOOSTER FAN B INLET DAMPER
- 4GG-PN854 BOOSTER FAN B OUTLET DAMPER
- 3&4GG-PN851 ABSORBER OUTLET DAMPER
- 3GG-PN853 BOOSTER FAN A INLET DAMPER
- 3GG-PN855 BOOSTER FAN B INLET DAMPER
- 4GG-PN856B BYPASS DAMPER ON/OFF
- 4GG-PN856A BYPASS DAMPER CONTROL ACTUATOR

2.3. Spare Part Group :


- Overhaul
- PM & PdM
- Run to Failure
- Strategic Parts
- Strategic Equipment

2.4. Usage Plan : PM Ash Handling 2025 / 2026

2.5. Description :

No	Item ID	Part	Qty	Function/ Replacement Strategy
1	224258	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4" MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2000MM	6	<ul style="list-style-type: none"> Replacement of dry ash unloading vent filter instrument air flexible hose is required to replace damaged flexible hose New arrived parts will be used for replacement during PM schedule

Sign		
	Staff	Leader

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
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TERM OF REFERENCE		Design Div.	: Finance and Administration
		Revision No.	: 00

2	224259	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4" MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2200MM	6	<ul style="list-style-type: none"> Replacement of dry ash unloading vent filter instrument air flexible hose is required to replace damaged flexible hose New arrived parts will be used for replacement during PM schedule
3	224260	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4" MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2400MM	6	<ul style="list-style-type: none"> Replacement of dry ash unloading vent filter instrument air flexible hose is required to replace damaged flexible hose New arrived parts will be used for replacement during PM schedule
4	224261	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4" MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2600MM	6	<ul style="list-style-type: none"> Replacement of dry ash unloading vent filter instrument air flexible hose is required to replace damaged flexible hose New arrived parts will be used for replacement during PM schedule
5	224262	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/2", END CONNECTION 1/2" MALE NPT SWIVEL, 1/2" MALE NPT ELBOW SWIVEL, OVERALL LENGTH 1200MM	16	<ul style="list-style-type: none"> Replacement of ash handling instrument air flexible hose is required to replace damaged flexible hose New arrived parts will be used for replacement during PM schedule
6	224263	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1", END CONNECTION FEMALE SWIVEL BSPT 1" TO MALE SWIVEL BSPT 1", OVERALL LENGTH 1000MM	4	<ul style="list-style-type: none"> Replacement of bypass damper instrument air flexible hose is required to replace damaged flexible hose New arrived parts will be used for replacement during unit shut down or overhaul period
7	222155	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/2", END CONNECTION FEMALE BSPT 1/2" TO MALE BSPT 1/2", OVERALL LENGHT 1000MM	12	<ul style="list-style-type: none"> Replacement of bypass damper instrument air flexible hose is required to replace damaged flexible hose New arrived parts will be used for replacement during unit shut down or overhaul period
8	222156	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION FEMALE BSPT 1/4" TO MALE BSPT 1/8", OVERALL LENGHT 1000MM	8	<ul style="list-style-type: none"> Replacement of bypass damper instrument air flexible hose is required to replace damaged flexible hose New arrived parts will be used for replacement during unit shut down or overhaul period

3. Work Scope

3.1. N/A

4. CSMS Risk Level

1. Low
 2. Moderate
 3. High
 4. Very High
 5. Extreme

5. Bidder Qualification

5.1. There is no requirement for bidder qualification, but bidders can be prioritized in the following order, namely agents, distributors and general suppliers

6. Delivery of material and/or services

- 6.1. Required date is 8 February 2026
 6.2. Delivery point is KPJB's Warehouse, PLTU Tanjung Jati B Unit 3&4, Jepara, Central Java


7. Requirement of Documents

Within delivery the materials, supplier should submit documents as follow:

- 7.1. Original certificate issued by manufacturer
 7.2. Warranty letter for 1 year from supplier

8. Technical Specification

Sign		
	Staff	Leader

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
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		Revision No.	: 00

- 8.1. All technical specifications should comply with determined specification, cannot be changed, no crack, should be new 100%, genuine, no defect, and can be used properly.
- 8.2. In the case PT KPJB declines the delivered material, the supplier should replace the material. If a supplier can't replace it, they will be penalized in accordance with the General Term & Condition (GTC) of the PO.

9. Acceptance Criteria

- 9.1. Delivery time is complied.
- 9.2. All delivered materials are according to PO requirement, specification and condition of the TOR.
- 9.3. All of the required documents are fulfilled.

10. Standard of Quality

Quality of the material and/or services should comply with standard, code, manufacturer specification and user's requirement. *(or determined by user)*

11. Warranty

Generally if there isn't another clause mentioned, the supplier should warrant the material for 1 year after material being received by PT. KPJB.

The vendor provides a 1-Year warranty from the receipt of the material at the KPJB warehouse. If during the warranty period, the actuator cannot function properly, the vendor will repair it for free

12. Material Technical Data Sheet

1. Stainless Steel Braided Hose, PS Series PTFE-Lined

Hose Size : 1 / 4"
Hose Material : SS316
End Connection : 1/4" MALE NPT SWIVEL, 1/4 "MALE NPT ELBOW SWIVEL
Overall Length : 2000mm

2. Stainless Steel Braided Hose, PS Series PTFE-Lined

Hose Size : 1 / 4"
Hose Material : SS316
End Connection : 1/4" MALE NPT SWIVEL, 1/4 "MALE NPT ELBOW SWIVEL
Overall Length : 2200mm

3. Stainless Steel Braided Hose, PS Series PTFE-Lined


Hose Size : 1 / 4"
Hose Material : SS316
End Connection : 1/4" MALE NPT SWIVEL, 1/4 "MALE NPT ELBOW SWIVEL
Overall Length : 2400mm

4. Stainless Steel Braided Hose, PS Series PTFE-Lined

Hose Size : 1 / 4"
Hose Material : SS316
End Connection : 1/4" MALE NPT SWIVEL, 1/4 "MALE NPT ELBOW SWIVEL
Overall Length : 2600mm

5. Braided flexible Metal Hose

Sign		
	Staff	Leader

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		Revision No.	: 00

Hose Size : 1 / 2"
Hose Material : SS316
End Connection : 1/2" MALE NPT SWIVEL, 1/2" MALE NPT ELBOW
SWIVEL

Overall Length : 1200mm

6. Braided flexible Metal Hose

Hose Size : 1"
Hose Material : SS316
End Connection : FEMALE BSPT 1" TO MALE BSPT 1"
Overall Length : 1000mm

7. Braided flexible Metal Hose

Hose Size : 1/2"
Hose Material : SS316
End Connection : FEMALE BSPT 1/2" TO MALE BSPT 1/2"
Overall Length : 1000mm


8. Braided flexible Metal Hose

Hose Size : 1/4"
Hose Material : SS316
End Connection : FEMALE BSPT 1/4" TO MALE BSPT 1/8"
Overall Length : 1000mm

13. Picture



Sign		
	Staff	Leader

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
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		Revision No.	: 00


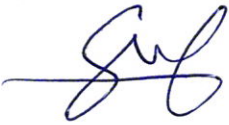

14.3. Schematic diagram shutoff damper

15. Others

15.1. Aanwijzing process is needed

15.2. Attachment

- Work Order 176832

Prepared by	Checked by	Approved by
		
<u>Nunu Hendro</u> Staff	<u>Surya Nanda</u> Leader	<u>Franky Khaloleos</u> Manager
Date :	Date :	Date :

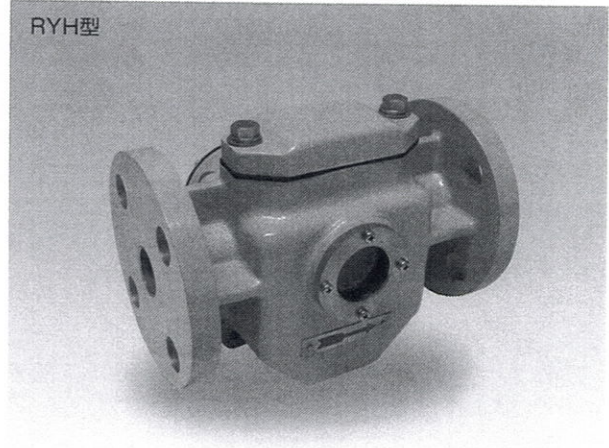
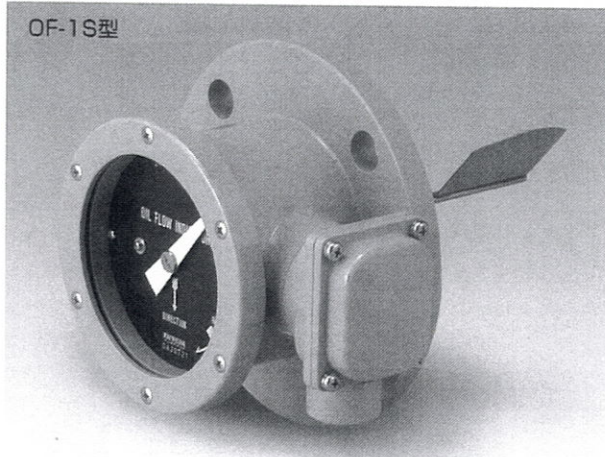
油流指示器・LTC用油流継電器

Oil Flow Meter for Oil Immersed Transformer, Protective Relay for on-Load Tap Changer

油絶縁トランス用
負荷時タップ切換器用

type **OF-1S**型 (油流表示器)
Oil Flow Meter for Oil Immersed Transformer

type **RYH**型 (LTC用油流継電器)
Protective Relay for on - Load Tap Changer

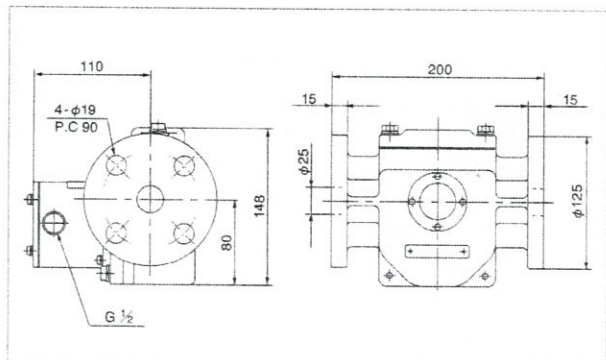
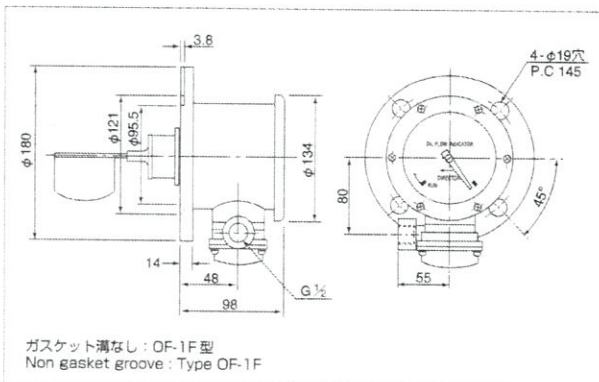


接点 Switch	マイクロスイッチ, 1または2接点 Microswitch 1 or 2 Contact ALARM : 600L/min
接点定格 Switch Rating	AC125V-5A [抵抗負荷] AC250V-5A [Non-inductive]
適合配管 Conformity Piping	4B, 6B, 8B
油流方向 Oil Flow Direction	右→左, 左→右, 上→下, 下→上 Right-Left, Left-Right, Up-Down, Down-Up

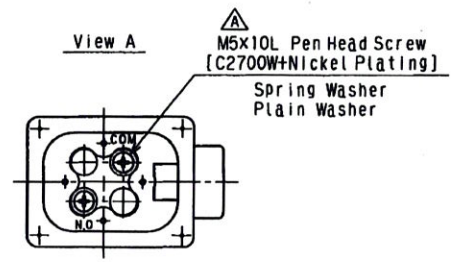
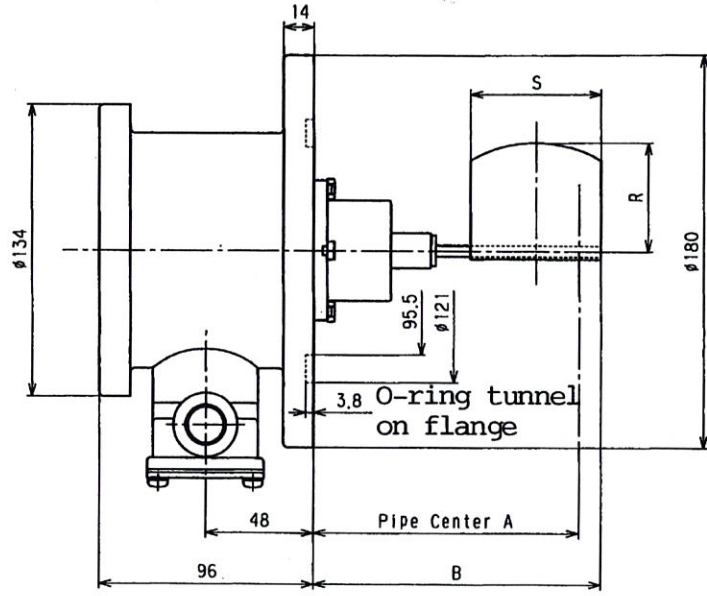
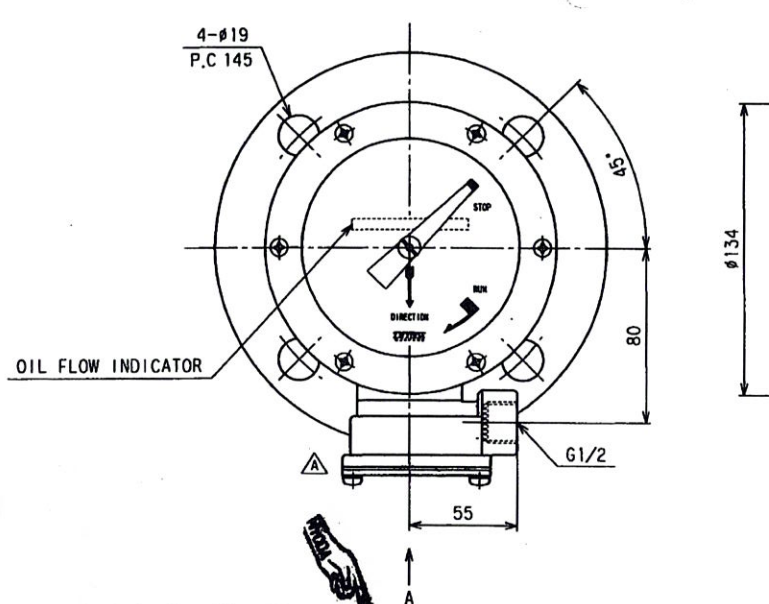
接点 Switch	マイクロスイッチ, 1接点 Microswitch 1 Contact TRIP : 1.35m/sec
接点定格 Switch Rating	AC125V-10A AC250V-3A [抵抗負荷] DC125V-10A [Non-inductive] DC250V-3A
適合配管 Conformity Piping	1B
油流方向 Oil Flow Direction	右→左, 左→右 Right-Left, Left-Right

- 油の流れが低下したとき所定の流量で電気接点を動作させて信号を出します。
- ガス流指示器GF-1型も対応可能です。
- An alarm is triggered when oil flow comes down to a preset level.
- SF₆ Gas Flow Meter available.

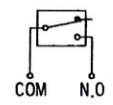
- 所定の油流速で電気接点を動作させて信号を出します。
- 動作時には覗き窓から赤色表示板が見えます。
- テストボタンを押し込んで動作確認ができます。
- An alarm is triggered when oil flow rate to a preset level.
- The red display board can be seen from the inspection window during operation.
- Check the operation by pushing the test button.



HYODA INSTRUMENTS CORPORATION



Microswitch Circuit In Case of Oil RUN



Dial by Flow Direction

U	DOWN → UP	D	UP → DOWN	R	LEFT → RIGHT	L	RIGHT → LEFT

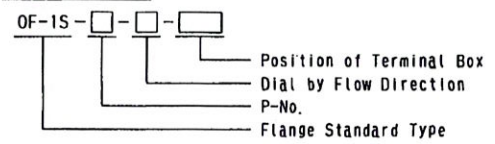
Alarm

P-No.	Nominal Diameter of Pipe	Reference Circulate [L/min]	ON [L/min]	A	B	S	R	RUN [L/min]
1	150	2000	600	120	130	59	50	1000

Position of Terminal box Cable entry direction

A1	DOWN → LEFT	B1	LEFT → UP	C1	UP → RIGHT	D1	RIGHT → DOWN
A2	DOWN → RIGHT	B2	LEFT → DOWN	C2	UP → LEFT	D2	RIGHT → UP

Type Code No.




Switch : Lower Limit 1 Contact (Microswitch)
 Switch Rating : AC125V-5A, DC125V-0.5A (Non-Inductive Load)

Messrs.

NOTE

						Appd. J. TANIGUCHI 2025. 1.28	Chkd. T. MABUCHI 2025. 1.28	Name OIL FLOW INDICATOR
						Scale Free	Dwn. K. OHNISHI 2025. 1.28	Type OF-1S
⚠	Change of Terminal Box, Terminal	2025. 1.28	J.T	T.B	K.O	C/ 7012438		
⚠	Original	2022. 12.26	J.T	T.B	H.E			
Rev. Mark	Remarks	Date	Appd.	Chkd.	Dwn.	HYODA INSTRUMENTS CORPORATION		Draw No. q2140A

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	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00

1. Background

The spare parts will be provided to equipment as follow:

Asset	Description	Location	Unit	System
A382289	GENERATOR TRANSFORMER	4TR-TF001	4	TR

2. Spare Part Data

2.1. System: TRANSFORMER

2.2. Equipment: GENERATOR TRANSFORMER

2.3. Spare Part Group:

- Overhaul
- PM & PdM
- Run to Failure
- Strategic Parts
- Strategic Equipment

2.4. Usage Plan: PARTS WILL BE INSTALLED ON GENERATOR TRANSFORMER DURING OHU4 2026 and AFTER GOOD RECEIPT IN KPJB WAREHOUSE

2.5. Description:

No.	Item ID	Description	Quantity	Unit
1	224207	INDICATOR/TRANSMITTER,RATE OF FLOW, OIL FLOW INDICATOR, OIL IMMERSED TRANSFORMER PROTECTIVE RELAY, OIL FLOW 2000L/MIN, BUILT-IN MICRO-SWITCH, RATING AC125-250V-5A; DC125-250V-0.5A (NON-INDUCTIVE LOAD)	7	PC

3. Work Scope

3.1. Supply material only

4. CSMS Risk Level:

- Low
- Moderate
- High
- Very High
- Extreme


5. Bidder Qualification

5.1. General Suppliers and Vendors

6. Delivery of material and/or services

6.1. Required delivery time is **30 June 2026**

6.2. Delivery point is KPJB's Warehouse, PLTU Tanjung Jati B Unit 3&4, Jepara, Central Java.

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
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		Revision No.	: 00

7. Requirement of Documents

Within delivery the materials, supplier should submit documents as follow:

- 1.1. Original COO from chamber
- 1.2. Original COC/ COM from manufacturer/Digital Certificate
- 1.3. Manual and Outline Drawing
- 1.4. Test report with Quality certificate
- 1.5. Warranty letter from Supplier or manufacture

8. Technical Specification

- 8.1. All of technical specification should be comply with determined specification, cannot be changed, no crack, should be new 100%, genuine, no defect, and can be used properly.
- 8.2. In the case PT KPJB decline the delivered material, supplier should replace the material. If supplier can't replace it, they will be penalized in accordance to General Term & Condition (GTC) of the PO.

9. Acceptance Criteria

- 9.1. Delivery time is complied.
- 9.2. All delivered materials are accordance to PO requirement, specification and condition of the TOR.
- 9.3. All of required document are fulfilled.

10. Standard of Quality


Quality of the material and/or services should comply with standard, code, manufacturer specification and user's requirement:

11. Warranty

Generally, if there isn't mentioned at other clause, supplier should warrant the material for 12 months after testing and commissioning or 18 months after delivery time and material being receiving by PT. KPJB warehouse.

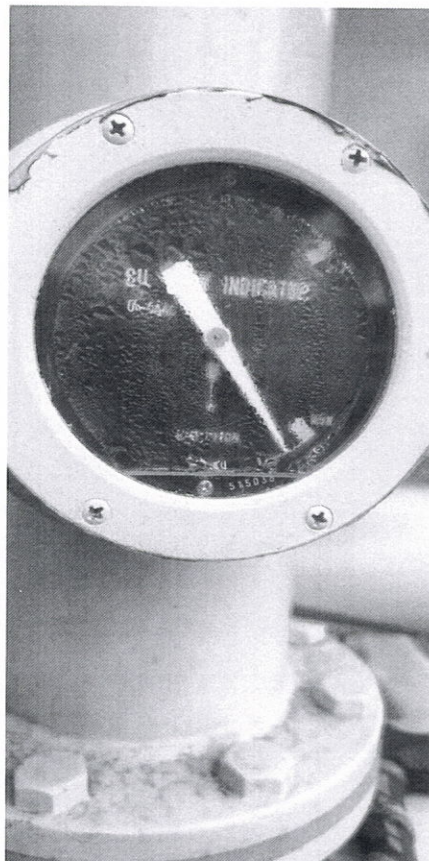
12. Material Technical Data Sheet

All transformer components or accessories are equipped with material data sheets or manuals

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00

13. Picture (existing Oil Flow Indicator for GT4)


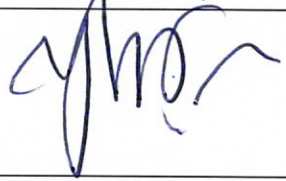
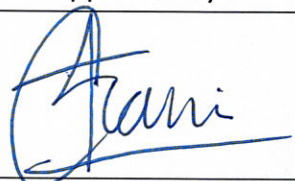
Existing Oil Flow Indicator



14. Others

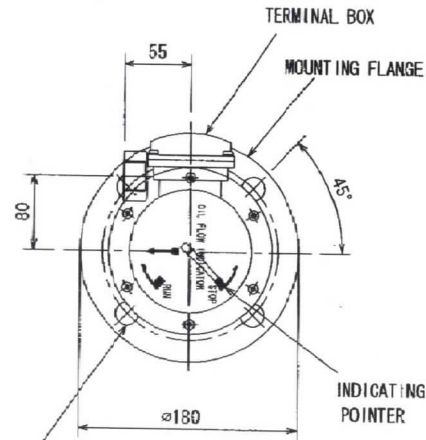
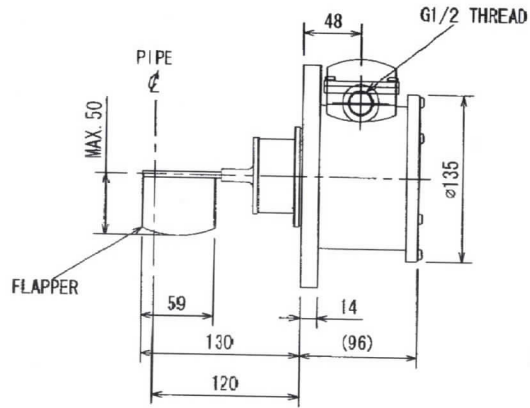
14.1. Aanwijzing Process is needed.

14.2. Existing drawing Oil Flow Indicator **M-2204935**(attached)

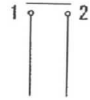
Prepared by	Checked by	Approved by
		
<u>Bangbang Heryanto</u> Staff	<u>Yuda Aditya Vantama</u> Leader	<u>Franky Khaloleos Koraag</u> Manager
Date:	Date:	Date:

图面代号 DRAWING No. M-2204935

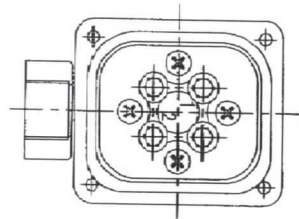
变更次数 REV. MARK



4-φ19HOLES ON 145 P.C.D



CONNECTION DIAGRAM
NORMAL FLOW



DETAILS OF TERMINAL BOX

NOTES

1. TYPE 06-6A
2. RATING OIL FLOW 2000L/min

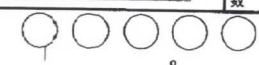
FINAL

次 数 REV. MARK	承认 APPROVED BY	比例 SCALE	承认 APPROVED BY	检图 CHECKED BY	名称 TITLE
年月日 DATE	承认 APPROVED BY	单位 UNITS	设计 DESIGNED BY	制图 DRAWN BY	OIL FLOW INDICATOR
变更者 REVISED BY	变更者 REVISED BY	记事 CONTENTS	单位 UNITS	单位 UNITS	TANJUNG JATI
			3mm	3mm	图面代号 DRAWING No.
					M-2204935
					变更 REV. MARK
					更 次 数
					0

TOSHIBA 常州东芝变压器有限公司
CHANGZHOU TOSHIBA TRANSFORMER Co., Ltd.

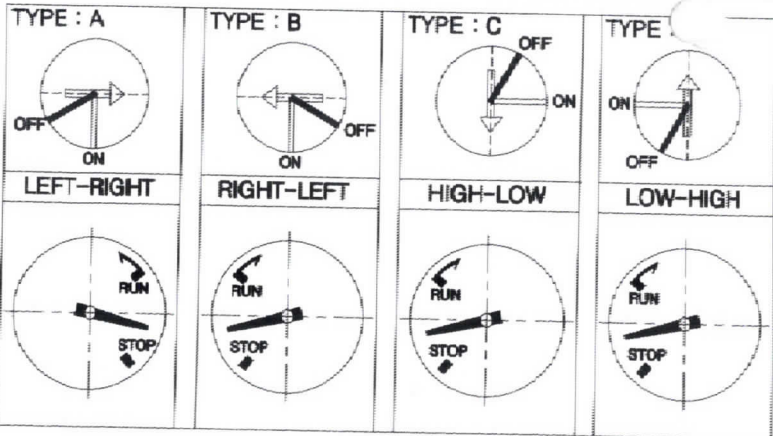
保管 REGISTERED

发送 PRESENT TO

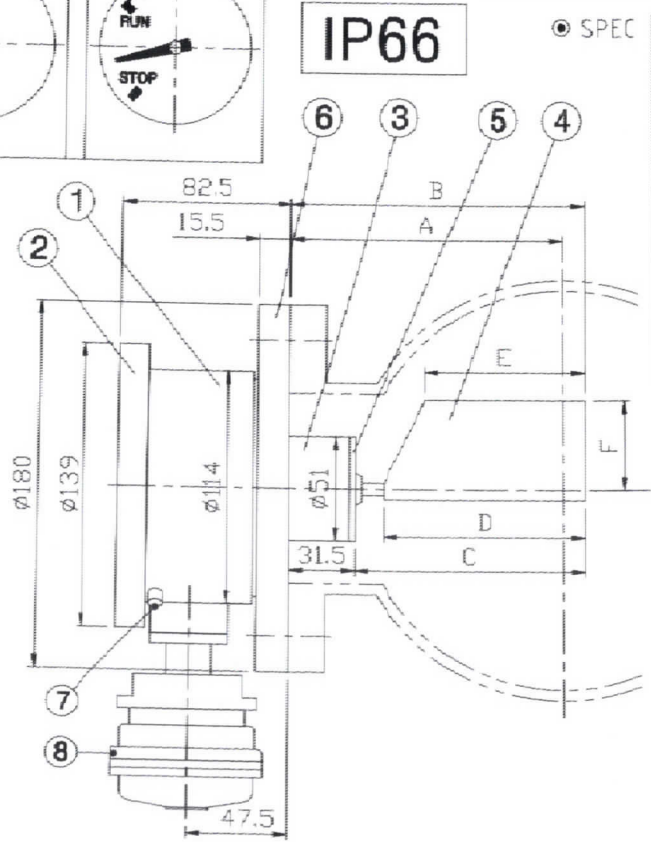
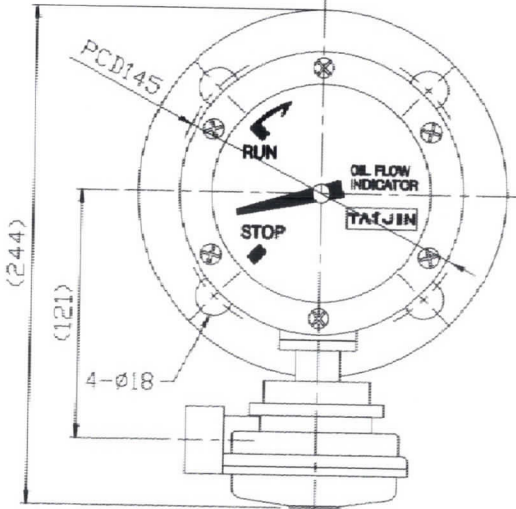


7

8



: Flow Direction of Insulation Oil
 : Pump ON → Wing Position
 : Pump OFF → Wing Position



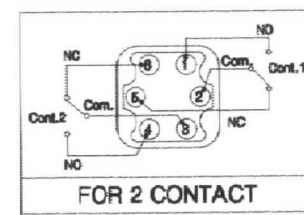
IP66

◎ SPEC

No.	PART NAME	MATERIAL	DWG. No.	SYMBOL	Q'TY	DIMENSION	NOTE
1	BODY	AL DC	-		1		
2	COVER	AL	-		1		
3	MAGNETIC BOSS	AL	-		1		
4	WING	SUS304	-		1		
5	BACK COVER	BC	-		1		
6	FLANGE	AL	-		1		
7	VENT PLUG	-	-		2		
8	TERMINAL BOX	-	-		1		

G No.	PIPE SIZE	A	B	VANE			FLOW RATE(m ³ /h)					
				C	D	E	F	H01	H02	H03	H04	H05
								50-100	100-150	150-250	250-350	350-560
G01	100A	100	120	88.5	60	40	44	○	○	○	×	×
G02	125A	110	130	98.5	76	50	44	○	○	○	×	×
G03	150A	120	140	108.5	86	66	44	○	○	○	×	×
G04	200A	150	170	138.5	86	66	44	○	○	○	×	×
G05	250A	180	200	168.5	86	66	55	○	○	○	×	×
G06	300A	205	225	193.5	86	86	55	×	×	○	○	×
G07	350A	205	200	168.5	40	40	44	×	×	×	×	○

When circuit diagram is 'PUMP STOP'



◎ Micro Switch Capacity

VOLTAGE	Resistance Load (Amps)	Inductive Load (Amps)
125AC	5	4
250AC	5	-
125DC	0.4	0.4
250DC	0.3	0.2


I No.	SIZE
I01	PF 1/2"
I02	M20x1.5

Rev.3	20250801	CHANGE : M12x1.5→M20x1.5(I02)
Rev.2	20220512	CHANGE : G06(200→225, 168.5→193.5)
Rev.1	20220329	CHANGE : Micro Switch Capacity

TYPE : Transformer (F TYPE, 2 Contact)			TITLE : Oil Flow Indicator		
APRD BY	CHKD BY	DSGN BY	PROJECTION	SCALE	DATE
			3rd ANGLE	N/S	21/11/26
			REF. No.	TJD-0314	
			DWG. No.	TJD-0365	



TAIJIN

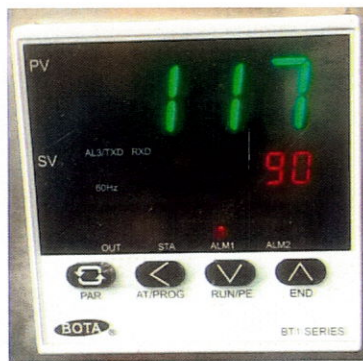
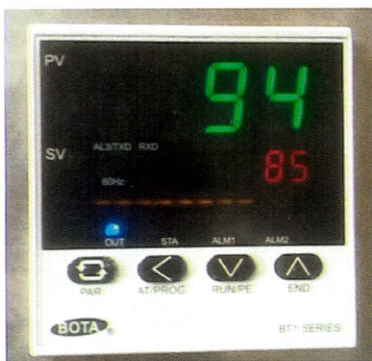
	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
TERM OF REFERENCE		Design Div.	: Finance and Administration
		Revision No.	: 00

1. Background

During the damper sealing process, the heater will automatically increase if the air temperature is lower than the required and will decrease if the temperature is higher than the required temperature. The temperature is maintained at 90°C.

A temperature controller is a device used to regulate temperature. The temperature controller can no longer control the temperature.

Temperature setting	Actual temperature
85° C	94° C
90° C	117° C



2. Spare Part Data

2.1. System: Low pressure seal air heater

2.2. Equipment: temperature controller

2.3. Spare Part Group:

- Overhaul
- PM & PdM
- Run to Failure
- Strategic Parts
- Strategic Equipment

2.4. Usage Plan

The temperature controller will be installed on: low pressure seal air heater

2.5. Description

Item ID : 221759

Description : INDICATOR,TEMPERATURE, THERMOSTAT, LP SEAL AIR HEATER, VOLTAGE RATING : 220 VAC, ITEM NUMBER : BT1 SERIES, BRAND : BOTA


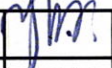
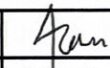
Quantity : 4 pcs


2.6. WO No: 171033

WO description: Bota temperature controller replacement

3. Work Scope

Providing spare parts according to specifications.

Sign			
	Staff	Leader	Manager

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00

4. CSMS Risk Level:

- 1. Low
- 2. Moderate
- 3. High
- 4. Very High
- 5. Extreme

5. Delivery of material and/or services

- 5.1. Required date is 30 March 2026
- 5.2. Delivery point is KPJB's Warehouse, PLTU Tanjung Jati B Unit 3&4, Jepara, Central Java.

6. Requirement of Documents

Within delivery the materials, supplier should submit documents as follow:

- 6.1. Copy of COO issued by chamber of commerce or copy of COM issued by manufacturer.
- 6.2. Wiring diagram.
- 6.3. Warranty letter for 1 year from Supplier after goods are received.

7. Technical Specification

- 7.1. All of technical specification should be comply with determined specification, cannot be changed, no crack, should be new 100%, genuine, no defect, and can be used properly.
- 7.2. In the case PT KPJB decline the delivered material, supplier should replace the material. If supplier can't replace it, they will be penalized in accordance to General Term & Condition (GTC) of the PO.

8. Acceptance Criteria

- 8.1. Delivery time is complied.
- 8.2. All delivered materials are accordance to PO requirement, specification and condition of the TOR.
- 8.3. All of required document are fulfilled.

9. Standard of Quality

Quality of the material and/or services should comply with standard, code, manufacturer specification and user's requirement.


10. Warranty

Generally if there isn't mentioned at other clause, supplier should warrant the material for 1 year after material being receiving by PT. KPJB.

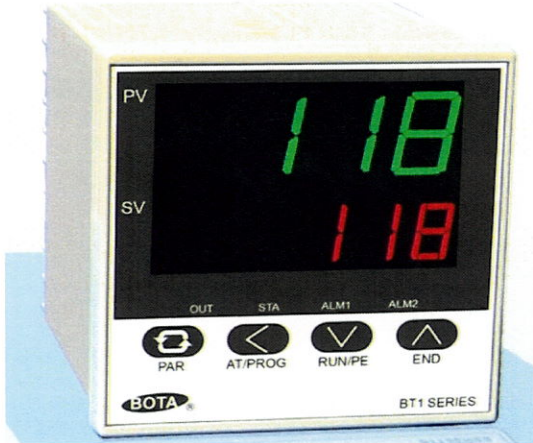
11. Material Technical Data Sheet

Temperature controller specification:

- a. Description : Temperature controller
- b. Brand : BOTA
- c. Item number : BT1 Series
- d. Working principle : Position adjustment
- e. Power : 220 VAC
- f. Thermostat temperature range : -1999 ~ 9999

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
TERM OF REFERENCE		Design Div.	: Finance and Administration
		Revision No.	: 00


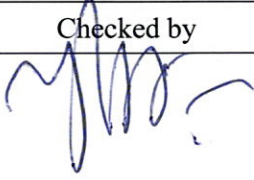
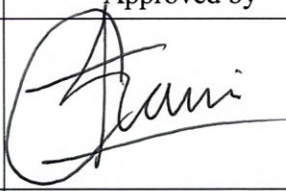
12. Picture



13. Drawing

14. Others

Aanwijzing Process is needed

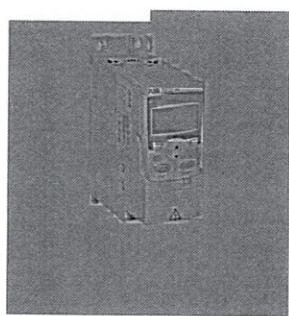
Prepared by	Checked by	Approved by
		
<u>Setya Prajoko</u> Staff	<u>Yuda Aditya Vantama</u> Leader	<u>Franky Khaloleos Koraag</u> Manager
Date : 17/2 2025	Date : 17/2/2025	Date : 20/2/2025

Sign			
	Staff	Leader	Manager

PRODUCT-DETAILS

ACS355-03E-05A6-4

ACS355-03E-05A6-4 Pn 2,2kW, I2n 5,6A IP20.



General Information

Global Commercial Alias	ACS355-03E-05A6-4
Product ID	3AUA0000058187
ABB Type Designation	ACS355-03E-05A6-4
EAN	6438177223627
Catalog Description	ACS355-03E-05A6-4 Pn 2,2kW, I2n 5,6A IP20.

Long Description

The ACS355 drives are designed to meet the requirements of an extensive range of machinery applications in food and beverage, material handling, lifting, textile, printing, rubber and plastics, and woodworking applications. The drive is user-friendly, yet it provides a wide range of built-in technology such as the safe torque off functionality and sequence programming, reducing the need for additional control electronics. The product offers options and diverse functionality to cater to the needs set for speed and torque control of AC induction and permanent magnet motors.

Ordering

Country of Origin	Thailand (TH) Finland (FI) China (CN)
Customs Tariff Number	85044085
Invoice Description	ACS355-03E-05A6-4 Pn 2,2kW, I2n 5,6A IP20.
Made To Order	No
Minimum Order Quantity	1 piece

Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Dimensions

Product Net Weight	1.8 kg
Product Net Depth / Length	161 mm
Product Net Height	239 mm
Product Net Width	70 mm
Package Level 1 Depth / Length	350 mm
Package Level 1 Height	130 mm
Package Level 1 Width	220 mm
Package Level 1 Units	1 carton

Technical

Number of Phases	3
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	50/60 Hz
Frame Size	R1
Input Voltage (U_{in})	380 ... 480 V
Mounting Type	Module for cabinet building
Communication Protocol	MODBUS LON DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems
Number of Hardware Interfaces	Industrial Ethernet 0 PROFINET 0 RS-232 1 RS-422 0 RS-485 1 Serial TTY 0 USB 0 Parallel 0 Other 1
Includes	Without control unit Without optical interface With PC connection
Analog Inputs	2
Analog Outputs	1
Number of Digital In/Outputs	5/1
Output Current, Normal Use (I_n)	5.6 A
Output Power, Light-Overload Use (P_{LD})	2.2 kW
Output Power, Normal	2.2 kW

Use (P_n)

Apparent Power Output	3.9 kV-A
Efficiency Level	IE2
Standby Loss	11 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	43 W	1.1 %	82.8 %
0 / 50 %	49 W	1.3 %	88.9 %
0 / 100 %	67 W	1.7 %	91.7 %
50 / 25 %	45 W	1.2 %	90.5 %
50 / 50 %	53 W	1.4 %	93.9 %
50 / 100 %	75 W	1.9 %	95.3 %
90 / 50 %	58 W	1.5 %	96.3 %
90 / 100 %	85 W	2.2 %	97.0 %

Temperature Rating	Maximum 40 °C
--------------------	---------------

Additional Information

Product Main Type	ACS355
Product Name	Frequency converter

Classifications

ETIM 8	EC001857 - Frequency converter =< 1 kV
ETIM 9	EC001857 - Frequency converter =< 1 kV
UNSPSC	39122001

Environmental

SCIP	89151BC5-DE13-4ADE-AA5F-5835A88F8822 Finland (FI)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Where Used (as part of "kit")

Identifier	Description	Type
3AUA0000157191		Kit

Use (P_n)

Apparent Power Output	3.9 kV·A
Efficiency Level	IE2
Standby Loss	11 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	43 W	1.1 %	82.8 %
0 / 50 %	49 W	1.3 %	88.9 %
0 / 100 %	67 W	1.7 %	91.7 %
50 / 25 %	45 W	1.2 %	90.5 %
50 / 50 %	53 W	1.4 %	93.9 %
50 / 100 %	75 W	1.9 %	95.3 %
90 / 50 %	58 W	1.5 %	96.3 %
90 / 100 %	85 W	2.2 %	97.0 %

Temperature Rating	Maximum 40 °C
--------------------	---------------

Additional Information

Product Main Type	ACS355
Product Name	Frequency converter

Classifications

ETIM 8	EC001857 - Frequency converter =< 1 kV
ETIM 9	EC001857 - Frequency converter =< 1 kV
UNSPSC	39122001

Environmental

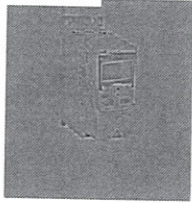
SCIP	89151BC5-DE13-4ADE-AA5F-5835A88F8822 Finland (FI)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)


Where Used (as part of "kit")

Identifier	Description	Type
3AUA0000157191		Kit

Categories

Drives → Low Voltage AC Drives → Machinery Drives → ACS355 - Machinery Drive



	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00

1. Background

Variable Frequency Drive (VFD) is used to control the motor speed and also sends running/stop signals to the DCS. The start/stop command from the DCS is received by the VFD to start/stop the motor.

Currently, the VFD of limestone weight feeder B cannot send running signals to the DCS. So if the wet ball mill trips, the limestone weight feeder cannot automatically trip

2. Spare Part Data

2.1. System: Low pressure seal air heater

2.2. Equipment: temperature controller

2.3. Spare Part Group:

- Overhaul
- PM & PdM
- Run to Failure
- Strategic Parts
- Strategic Equipment

2.4. Usage Plan

a. Limestone weight feeder A = 1 pc

b. Limestone weight feeder B = 1 pc

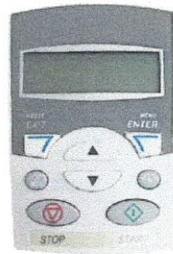
2.5. Description

Item ID : 201936

Description : INVERTER,POWER,STATIC, VFD of Limestone Weight Feeder, ABB, 380-480 V, 2.2 KW, 3 PHASE, ACS355-03E-05A6-4

Quantity : 2 pcs

Variable frequency drive (VFD) include control panel



2.6. WO No : 171360

WO description : Limestone Weight Feeder VFD Replacement

3. Work Scope

Providing spare parts according to specifications.

4. CSMS Risk Level:


- 1. Low
- 2. Moderate
- 3. High
- 4. Very High
- 5. Extreme

5. Delivery of material and/or services

5.1. Required date is 30 March 2026

5.2. Delivery point is KPJB's Warehouse, PLTU Tanjung Jati B Unit 3&4, Jepra, Central Java.

Sign			
	Staff	Leader	Manager

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
TERM OF REFERENCE		Design Div.	: Finance and Administration
		Revision No.	: 00

6. Requirement of Documents

Within delivery the materials, supplier should submit documents as follow:

- 6.1. Copy of COO issued by chamber of commerce or copy of COM issued by manufacturer.
- 6.2. User's manual.
- 6.3. Warranty letter for 1 year from Supplier after goods are received.

7. Technical Specification

- 7.1. All of technical specification should be comply with determined specification, cannot be changed, no crack, should be new 100%, genuine, no defect, and can be used properly.
- 7.2. In the case PT KPJB decline the delivered material, supplier should replace the material. If supplier can't replace it, they will be penalized in accordance to General Term & Condition (GTC) of the PO.

8. Acceptance Criteria

- 8.1. Delivery time is complied.
- 8.2. All delivered materials are accordance to PO requirement, specification and condition of the TOR.
- 8.3. All of required document are fulfilled.

9. Standard of Quality

Quality of the material and/or services should comply with standard, code, manufacturer specification and user's requirement.

10. Warranty

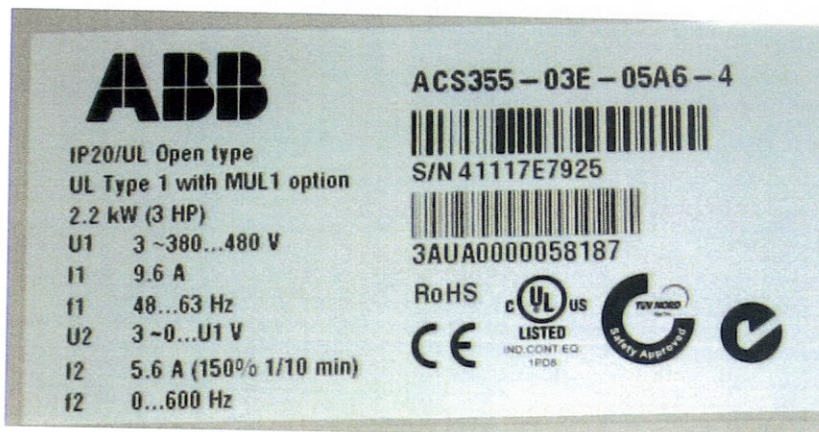
Generally if there isn't mentioned at other clause, supplier should warrant the material for 1 year after material being receiving by PT. KPJB.




11. Material Technical Data Sheet


Temperature controller specification:

- | | |
|---|---|
| a. Description | : Inverter/Variable Frequency Drive (VFD) |
| b. Global Commercial Alias | : ACS355-03E-05A6-4 |
| c. Product ID | : 3AUA0000058187 |
| d. Brand | : BOTA |
| e. Output Power, Normal Use (P_n) | : 2.2 kW |
| f. Input Voltage (U_{in}) | : 3 ~ 380 ... 480 V |
| g. Output Current, Normal Use (I_n) | : 5.6 A |
| h. Frequency (f) | : 50/60 Hz |
| i. Ingress protection | : IP20 |

Complete data is in the Data Sheet and Name Plate



Sign			
	Staff	Leader	Manager

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00


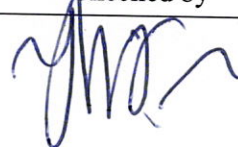
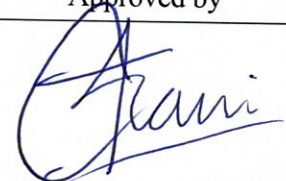
12. Picture



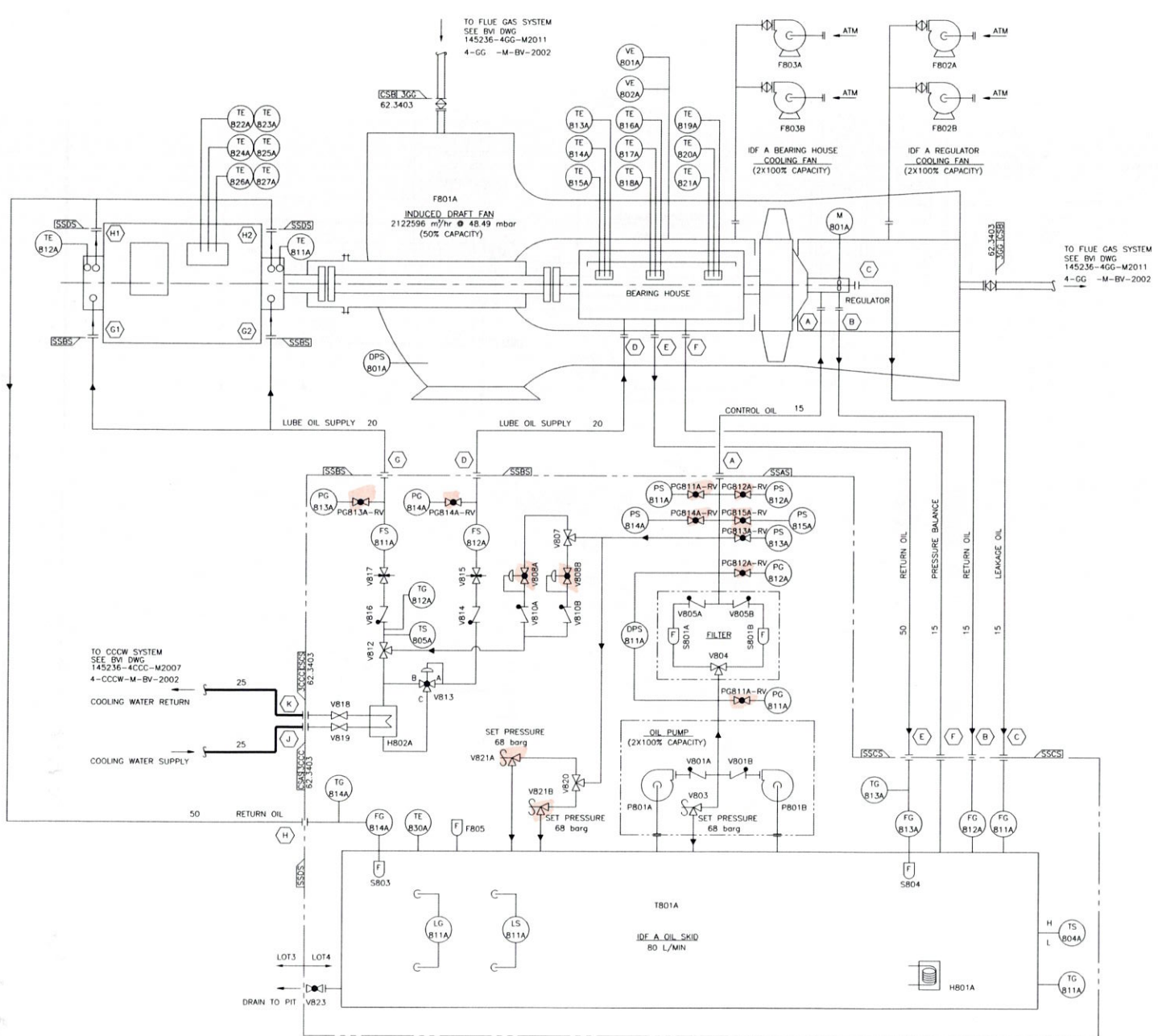
13. Drawing

14. Others

Aanwijzing Process is needed

Prepared by	Checked by	Approved by
		
<u>Setya Prajoko</u> Staff	<u>Yuda Aditya Vantama</u> Leader	<u>Franky Khaloleos Koraag</u> Manager
Date : 27/2/2025	Date : 27/2/2025	Date : 28/2/2025

Sign			
	Staff	Leader	Manager

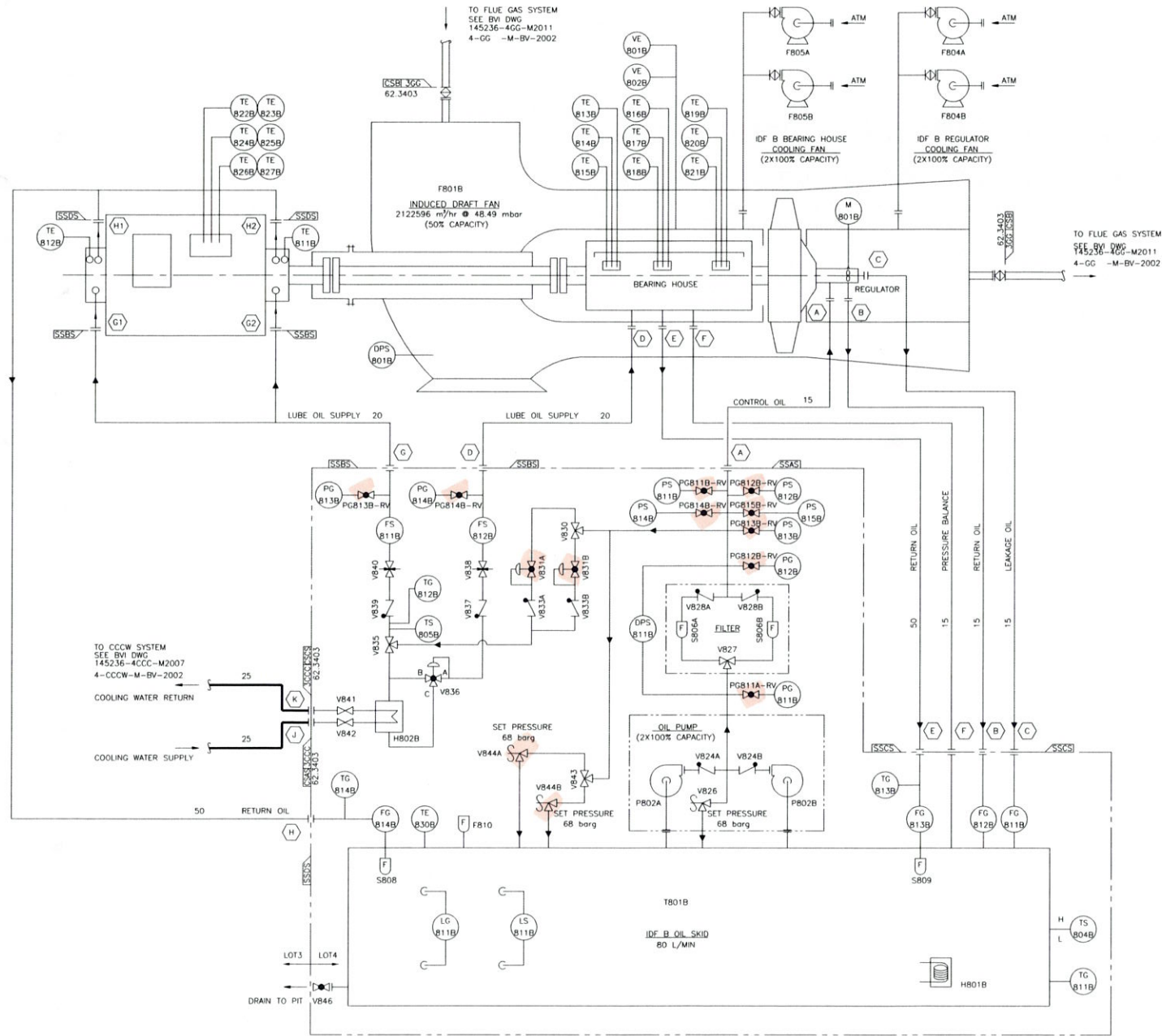


- NOTES:
- SYSTEM CODE IS 4GG, EXCEPT AS INDICATED.
 - ALL OTHER VALVES ARE SERIES 4GG-BBBB-XXXX UNLESS OTHERWISE NOTED.
 - MISCELLANEOUS PIPING AND INSTRUMENT CONNECTION SIZES ARE AS FOLLOWS, EXCEPT AS INDICATED:
 - VENTS AND DRANS 25 MM
 - PRESSURE CONNECTIONS 25 MM
 - TEST CONNECTIONS 25 MM
 - LEVEL CONNECTIONS 50 MM
 - FLOW CONNECTIONS 25 MM
 - BLIND FLANGE CONNECTIONS 50 MM

AS BUILT

01F45007
 A1FAP009
 08/27/11 09:31:10

3	10/04/15	ISSUED FOR CONSTRUCTION	WP ZCBWP WS			PIPING AND INSTRUMENT DIAGRAM INDUCED DRAFT FAN A	PROJECT: TANJUNG JATI 'B' COAL-FIRED POWER STATION UNITS 3 & 4	DRAWING NUMBER: 145236-4GG-M2011A	REV: 5
2	09/10/26	ECN: N-M-0007	LY2 ZCBKWZ WS						
1	09/04/13	ECN: N-M-0001	LY2 ZCBKWZ WS		PROJECT: 145236-4GG-M2011A	DRAWING NUMBER: 145236-4GG-M2011A	REV: 5		
5	11/09/20	CONFORMED TO CONSTRUCTION RECORDS	OB4 OY WP WS WS	ENGINEER: ZCB CHECKED: YWZ	DRAWN: ZK DATE: 08/12/24	PROJECT: 145236-4GG-M2011A	DRAWING NUMBER: 145236-4GG-M2011A	REV: 5	
4	10/07/16	ECN: N-M-0012	WP ZCBWP WS	REVISIONS AND RECORD OF ISSUE DRN DES CHN PDE APP	DATE: 08/12/24	PROJECT: 145236-4GG-M2011A	DRAWING NUMBER: 145236-4GG-M2011A	REV: 5	



- NOTES:
1. SYSTEM CODE IS 4GG, EXCEPT AS INDICATED.
 2. ALL OTHER VALVES ARE SERIES 4GG-BBBB-XXXX UNLESS OTHERWISE NOTED.
 3. MISCELLANEOUS PIPING AND INSTRUMENT CONNECTION SIZES ARE AS FOLLOWS, EXCEPT AS INDICATED:
- | | |
|--------------------------|-------|
| VENTS AND DRAINS | 25 MM |
| PRESSURE CONNECTIONS | 25 MM |
| TEST CONNECTIONS | 25 MM |
| LEVEL CONNECTIONS | 50 MM |
| FLOW CONNECTIONS | 25 MM |
| BLIND FLANGE CONNECTIONS | 50 MM |

AS BUILT

4GG 16.1s (Lus Tech)
 09/21/11 09:28:41

3	10/04/15	ISSUED FOR CONSTRUCTION	WP ZCBWP WS
2	09/10/26	ECN: N-M-0007	LY2ZCBKW WS
1	09/04/13	ECN: N-M-0001	LY2ZCBKW WS
0	08/12/24	FOR APPROVAL	ZX ZCBKW WS
NO	YY/MM/DD	REVISIONS AND RECORD OF ISSUE	DRNDES CHK PDE APP

5	11/09/20	CONFORMED TO CONSTRUCTION RECORDS	064 QY WP WS WS
4	10/07/16	ECN: N-M-0012	WP ZCBWP WS

BLACK & VEATCH

ENGINEER: ZCB DRAWN: ZX

CHECKED: XW2 YY/MM/DD: 08/12/24

P. T. CENTRAL JAVA POWER

TANJUNG JATI 'B' COAL-FIRED POWER STATION
 UNITS 3 & 4 2x660MW(NET)

SUMITOMO CORPORATION

4-GG-M-BV-2006

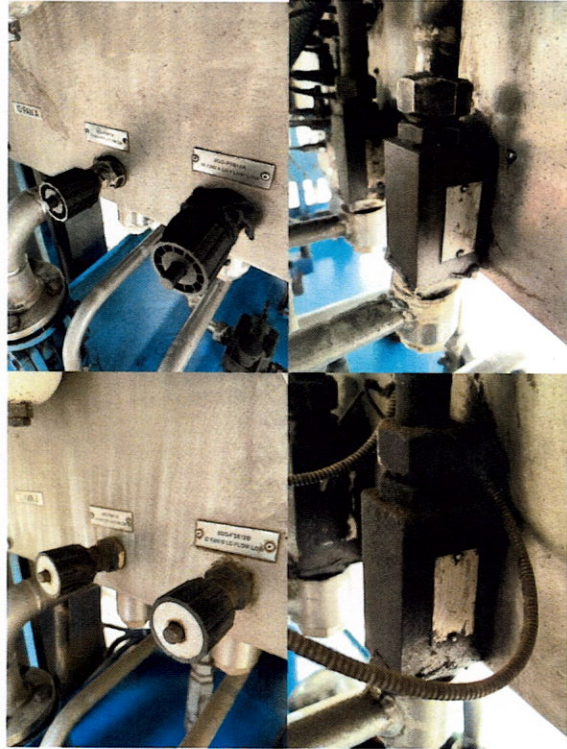
PROJECT: PIPING AND INSTRUMENT DIAGRAM		REV: 5
DRAWING NUMBER: INDUCED DRAFT FAN B		
PROJECT: TANJUNG JATI 'B' COAL-FIRED POWER STATION UNITS 3 & 4 2x660MW(NET)		
DRAWING NUMBER: 145236-4GG-M2011B		

Equipment current condition

U4 ID Fan Lube Oil Pump A&B Pressure Relief Valve & Isolation Valve

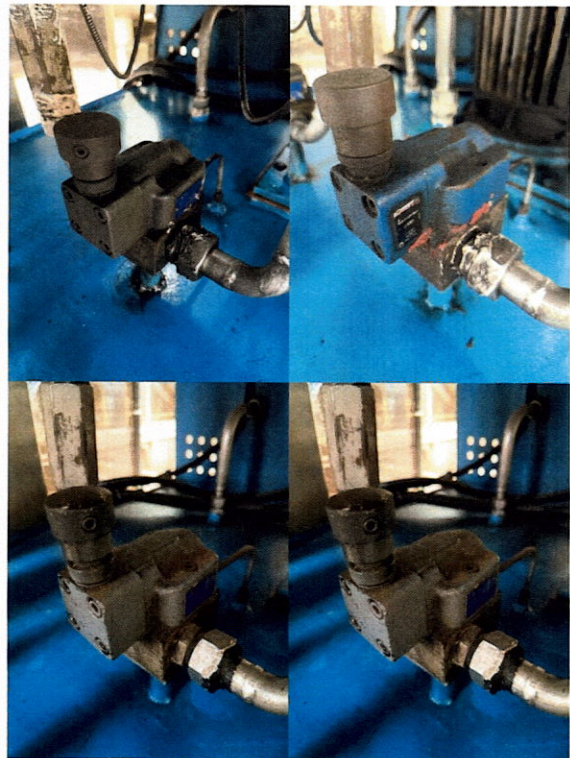
IDF & Motor Lube Oil Flow Throttle Valve

- Cannot adjust and indicate leakage
- Periodic replacement is needed to keep reliability of IDF Lube Oil



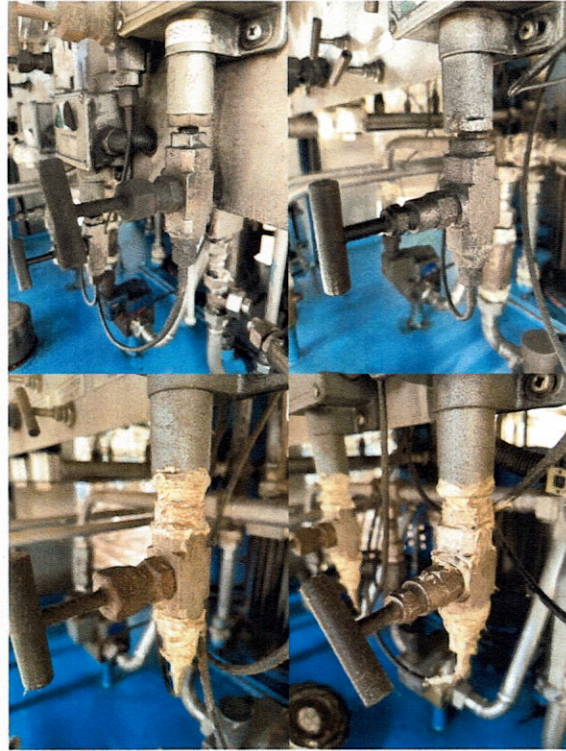
ID Fan A Lubrication Oil Pressure Limited Valve A & B

- Indicate small leakage
- Periodic replacement is needed to keep reliability of IDF Lube Oil

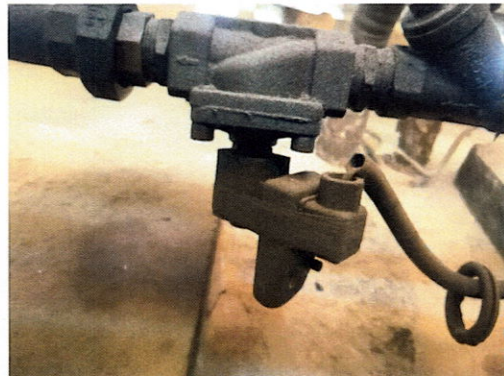



Id Fan A Cntl Oil - Press Low A & B Root Valve indicate leak

- Indicate small leakage
- Periodic replacement is needed to keep reliability of IDF Lube Oil



Ash Handling conveying air compressor
A/B/C drain valve solenoid damage



	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00

1. Background

As a preventive maintenance activity, the CNI team plans to replace the ash handling instrument air flexible hose due to the often and repeatable leakage history of the hose. The instrument air flexible hose of dry ash unloading vent filter and ash handling system frequently damage leak condition and need to be replaced to normalize. The replacement will be performed during the preventive maintenance schedule. Therefore, CNI proposed to buy these parts to meet the needs of spare parts.

TOR Subject : The Purchasing of Flexible Braided Instrument Air Hose in the Boiler Auxiliary Area
 WO No : 176832
 WO Desc : Replacement of Flexible Braided Instrument Air Hose in the Boiler Auxiliary Area

2. Spare Part Data

2.1. System :

- FAD Fly Ash Disposal

2.2. Equipment :

- 00FAD-LBX820 PULSE JET TIMER FLY ASH SILO A DRY ASH SYSTEM
- 00FAD-LBX821 PULSE JET TIMER FLY ASH SILO B DRY ASH SYSTEM
- 3FAD-LBX831-868 ESP FIELD 1-4 ASH HANDLING - PUMP NO.1-8 LOCAL INSTRUMENT BOX
- 4FAD-LBX831-868 ESP FIELD 1-4 ASH HANDLING - PUMP NO.1-8 LOCAL INSTRUMENT BOX
- 4GG-PN855 BOOSTER FAN B INLET DAMPER
- 4GG-PN854 BOOSTER FAN B OUTLET DAMPER
- 3&4GG-PN851 ABSORBER OUTLET DAMPER
- 3GG-PN853 BOOSTER FAN A INLET DAMPER
- 3GG-PN855 BOOSTER FAN B INLET DAMPER
- 4GG-PN856B BYPASS DAMPER ON/OFF
- 4GG-PN856A BYPASS DAMPER CONTROL ACTUATOR

2.3. Spare Part Group :


- Overhaul
- PM & PdM
- Run to Failure
- Strategic Parts
- Strategic Equipment

2.4. Usage Plan : PM Ash Handling 2025 / 2026

2.5. Description :

No	Item ID	Part	Qty	Function/ Replacement Strategy
1	224258	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4" MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2000MM	6	<ul style="list-style-type: none"> Replacement of dry ash unloading vent filter instrument air flexible hose is required to replace damaged flexible hose New arrived parts will be used for replacement during PM schedule

Sign		
	Staff	Leader

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00

2	224259	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4" MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2200MM	6	<ul style="list-style-type: none"> • Replacement of dry ash unloading vent filter instrument air flexible hose is required to replace damaged flexible hose • New arrived parts will be used for replacement during PM schedule
3	224260	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4" MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2400MM	6	<ul style="list-style-type: none"> • Replacement of dry ash unloading vent filter instrument air flexible hose is required to replace damaged flexible hose • New arrived parts will be used for replacement during PM schedule
4	224261	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION 1/4" MALE NPT SWIVEL, 1/4" MALE NPT ELBOW SWIVEL, OVERALL LENGTH 2600MM	6	<ul style="list-style-type: none"> • Replacement of dry ash unloading vent filter instrument air flexible hose is required to replace damaged flexible hose • New arrived parts will be used for replacement during PM schedule
5	224262	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/2", END CONNECTION 1/2" MALE NPT SWIVEL, 1/2" MALE NPT ELBOW SWIVEL, OVERALL LENGTH 1200MM	16	<ul style="list-style-type: none"> • Replacement of ash handling instrument air flexible hose is required to replace damaged flexible hose • New arrived parts will be used for replacement during PM schedule
6	224263	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1", END CONNECTION FEMALE SWIVEL BSPT 1" TO MALE SWIVEL BSPT 1", OVERALL LENGTH 1000MM	4	<ul style="list-style-type: none"> • Replacement of bypass damper instrument air flexible hose is required to replace damaged flexible hose • New arrived parts will be used for replacement during unit shut down or overhaul period
7	222155	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/2", END CONNECTION FEMALE BSPT 1/2" TO MALE BSPT 1/2", OVERALL LENGHT 1000MM	12	<ul style="list-style-type: none"> • Replacement of bypass damper instrument air flexible hose is required to replace damaged flexible hose • New arrived parts will be used for replacement during unit shut down or overhaul period
8	222156	HOSE,METALLIC, METAL BRAIDED FLEXIBLE HOSE SS316 SIZE 1/4", END CONNECTION FEMALE BSPT 1/4" TO MALE BSPT 1/8", OVERALL LENGHT 1000MM	8	<ul style="list-style-type: none"> • Replacement of bypass damper instrument air flexible hose is required to replace damaged flexible hose • New arrived parts will be used for replacement during unit shut down or overhaul period

3. Work Scope

3.1. N/A

4. CSMS Risk Level

1. Low
 2. Moderate
 3. High
 4. Very High
 5. Extreme

5. Bidder Qualification

5.1. There is no requirement for bidder qualification, but bidders can be prioritized in the following order, namely agents, distributors and general suppliers

6. Delivery of material and/or services

- 6.1. Required date is 8 February 2026
 6.2. Delivery point is KPJB's Warehouse, PLTU Tanjung Jati B Unit 3&4, Jepara, Central Java


7. Requirement of Documents

Within delivery the materials, supplier should submit documents as follow:

- 7.1. Original certificate issued by manufacturer
 7.2. Warranty letter for 1 year from supplier

8. Technical Specification

Sign		
	Staff	Leader

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00

- 8.1. All technical specifications should comply with determined specification, cannot be changed, no crack, should be new 100%, genuine, no defect, and can be used properly.
- 8.2. In the case PT KPJB declines the delivered material, the supplier should replace the material. If a supplier can't replace it, they will be penalized in accordance with the General Term & Condition (GTC) of the PO.

9. Acceptance Criteria

- 9.1. Delivery time is complied.
- 9.2. All delivered materials are according to PO requirement, specification and condition of the TOR.
- 9.3. All of the required documents are fulfilled.

10. Standard of Quality

Quality of the material and/or services should comply with standard, code, manufacturer specification and user's requirement. *(or determined by user)*

11. Warranty

Generally if there isn't another clause mentioned, the supplier should warrant the material for 1 year after material being received by PT. KPJB.

The vendor provides a 1-Year warranty from the receipt of the material at the KPJB warehouse. If during the warranty period, the actuator cannot function properly, the vendor will repair it for free

12. Material Technical Data Sheet

1. Stainless Steel Braided Hose, PS Series PTFE-Lined

Hose Size : 1 / 4"
Hose Material : SS316
End Connection : 1/4" MALE NPT SWIVEL, 1/4 "MALE NPT ELBOW SWIVEL
Overall Length : 2000mm

2. Stainless Steel Braided Hose, PS Series PTFE-Lined

Hose Size : 1 / 4"
Hose Material : SS316
End Connection : 1/4" MALE NPT SWIVEL, 1/4 "MALE NPT ELBOW SWIVEL
Overall Length : 2200mm

3. Stainless Steel Braided Hose, PS Series PTFE-Lined


Hose Size : 1 / 4"
Hose Material : SS316
End Connection : 1/4" MALE NPT SWIVEL, 1/4 "MALE NPT ELBOW SWIVEL
Overall Length : 2400mm

4. Stainless Steel Braided Hose, PS Series PTFE-Lined

Hose Size : 1 / 4"
Hose Material : SS316
End Connection : 1/4" MALE NPT SWIVEL, 1/4 "MALE NPT ELBOW SWIVEL
Overall Length : 2600mm

5. Braided flexible Metal Hose

Sign		
	Staff	Leader

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00

Hose Size : 1 / 2"
Hose Material : SS316
End Connection : 1/2" MALE NPT SWIVEL, 1/2" MALE NPT ELBOW
SWIVEL

Overall Length : 1200mm

6. Braided flexible Metal Hose

Hose Size : 1"
Hose Material : SS316
End Connection : FEMALE BSPT 1" TO MALE BSPT 1"
Overall Length : 1000mm

7. Braided flexible Metal Hose

Hose Size : 1/2"
Hose Material : SS316
End Connection : FEMALE BSPT 1/2" TO MALE BSPT 1/2"
Overall Length : 1000mm


8. Braided flexible Metal Hose

Hose Size : 1/4"
Hose Material : SS316
End Connection : FEMALE BSPT 1/4" TO MALE BSPT 1/8"
Overall Length : 1000mm

13. Picture



Sign		
	Staff	Leader

	PT. KOMIPO PEMBANGKITAN JAWA BALI PLTU TANJUNG JATI B UNIT 3&4	Doc. Ref	: KPJB-0951-02
		Form No.	: KPJB-0951-02-ZZ-FM-16
	TERM OF REFERENCE	Design Div.	: Finance and Administration
		Revision No.	: 00


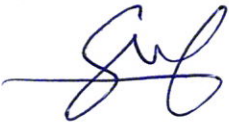

14.3. Schematic diagram shutoff damper

15. Others

15.1. Aanwijzing process is needed

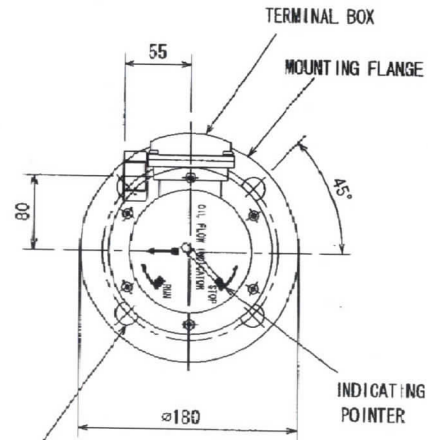
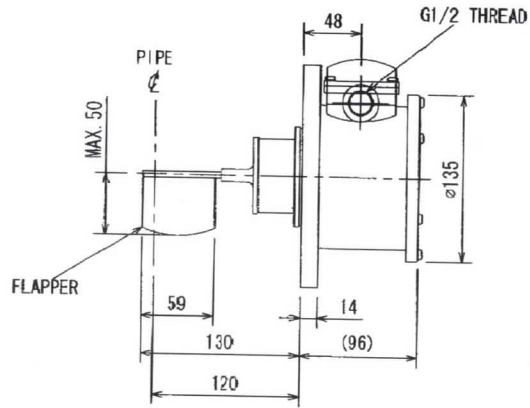
15.2. Attachment

- Work Order 176832

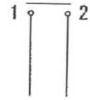
Prepared by	Checked by	Approved by
		
<u>Nunu Hendro</u> Staff	<u>Surya Nanda</u> Leader	<u>Franky Khaloleos</u> Manager
Date :	Date :	Date :

图面代号 DRAWING No. M-2204935

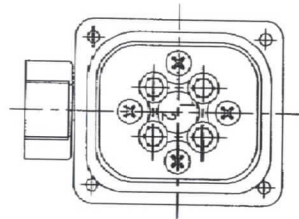
变更次数 REV. MARK



4-φ19HOLES ON 145 P.C.D



CONNECTION DIAGRAM
NORMAL FLOW



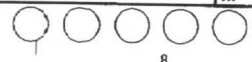
DETAILS OF TERMINAL BOX

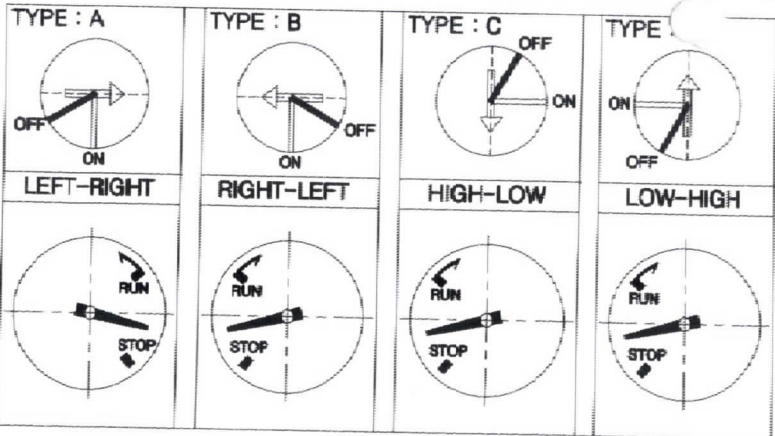
- NOTES
1. TYPE 06-6A
 2. RATING OIL FLOW 2000L/min

FINAL

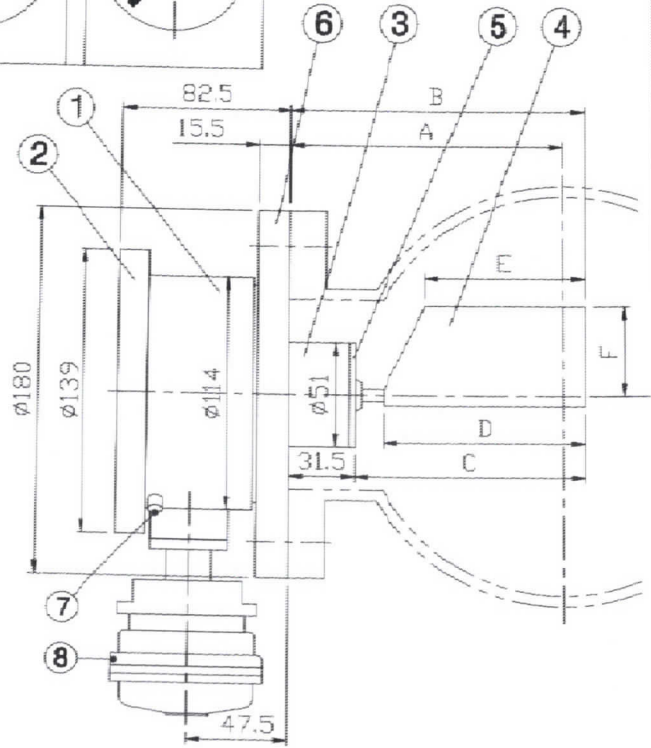
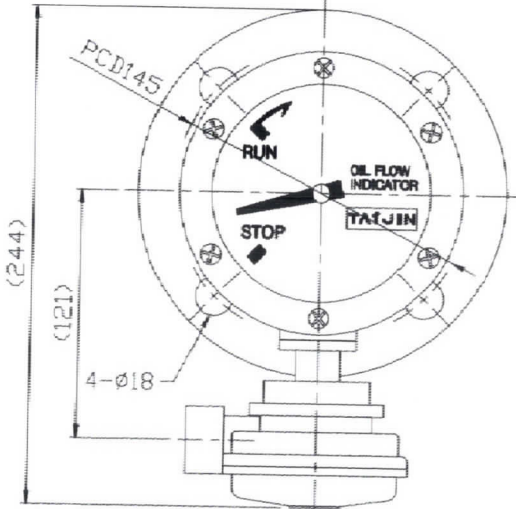
次 数 REV. MARK	承认 APPROVED BY	比例 SCALE	承认 APPROVED BY 检查 CHECKED BY	名称 TITLE
年月日 DATE	承认 APPROVED BY	单位 UNITS	H. Zhou 08-11-14 J.G. Gu 08-11-14	OIL FLOW INDICATOR
变更者 REVISED BY	变更者 REVISED BY	制图 DRAWN BY	H. Shi 08-11-14 H. Shi 08-11-14	TANJUNG JATI
记事 CONTENTS	变更 REVISIONS	TOSHIBA 常州东芝变压器有限公司 CHANGZHOU TOSHIBA TRANSFORMER Co., Ltd.		图面代号 DRAWING No. M-2204935
		保管 REGISTERED		变更 REV. MARK 更 次 数

发送 PRESENT TO





: Flow Direction of Insulation Oil
 : Pump ON → Wing Position
 : Pump OFF → Wing Position



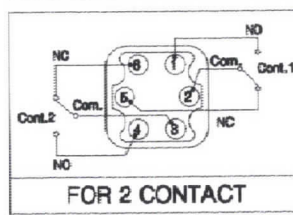
IP66

◎ SPEC

No.	PART NAME	MATERIAL	DWG. No.	SYMBOL	Q'TY	DIMENSION	NOTE
1	BODY	AL DC	-		1		
2	COVER	AL	-		1		
3	MAGNETIC BOSS	AL	-		1		
4	WING	SUS304	-		1		
5	BACK COVER	BC	-		1		
6	FLANGE	AL	-		1		
7	VENT PLUG	-	-		2		
8	TERMINAL BOX	-	-		1		

G No.	PIPE SIZE	A	B	VANE			FLOW RATE(m ³ /h)					
				C	D	E	F	H01	H02	H03	H04	H05
								50~100	100~150	150~250	250~350	350~560
G01	100A	100	120	88.5	60	40	44	○	○	○	×	×
G02	125A	110	130	98.5	76	50	44	○	○	○	×	×
G03	150A	120	140	108.5	86	66	44	○	○	○	×	×
G04	200A	150	170	138.5	86	66	44	○	○	○	×	×
G05	250A	180	200	168.5	86	66	55	○	○	○	×	×
G06	300A	205	225	193.5	86	86	55	×	×	○	○	×
G07	350A	205	200	168.5	40	40	44	×	×	×	×	○

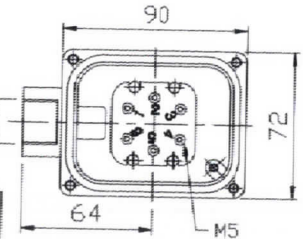
When circuit diagram is 'PUMP STOP'



◎ Micro Switch Capacity

VOLTAGE	Resistance Load (Amps)	Inductive Load (Amps)
125AC	5	4
250AC	5	-
125DC	0.4	0.4
250DC	0.3	0.2

I No.	SIZE
101	PF 1/2"
102	M20x1.5



Rev.3	20250801	CHANGE : M12x1.5→M20x1.5(102)
Rev.2	20220512	CHANGE : G06(200→225, 168.5→193.5)
Rev.1	20220329	CHANGE : Micro Switch Capacity

TYPE : Transformer (F TYPE, 2 Contact)			TITLE : Oil Flow Indicator		
APRD BY	CHKD BY	DSGN BY	PROJECTION	SCALE	DATE
			3rd ANGLE	N/S	21/11/26
			REF. No.	TJD-0314	
			DWG. No.	TJD-0365	



TAIJIN

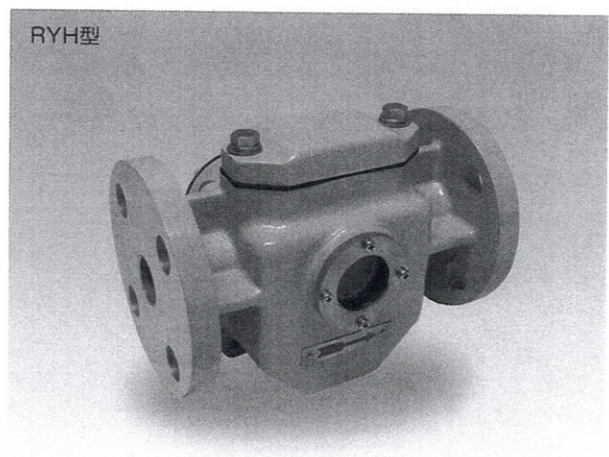
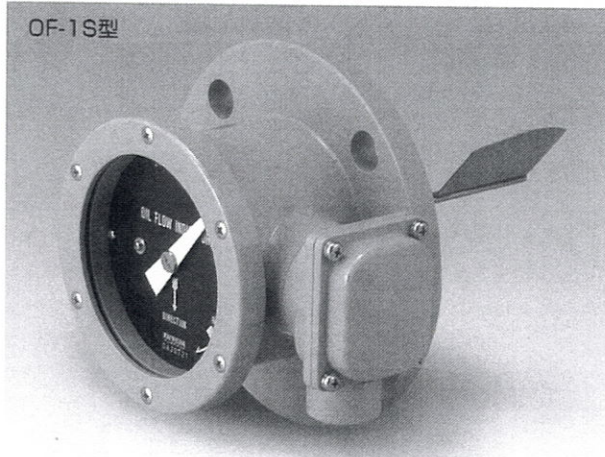
油流指示器・LTC用油流継電器

Oil Flow Meter for Oil Immersed Transformer, Protective Relay for on-Load Tap Changer

油絶縁トランス用

負荷時タップ切換器用

type **OF-1S**型 (油流表示器
Oil Flow Meter for Oil Immersed Transformer)
type **RYH**型 (LTC用油流継電器
Protective Relay for on - Load Tap Changer)

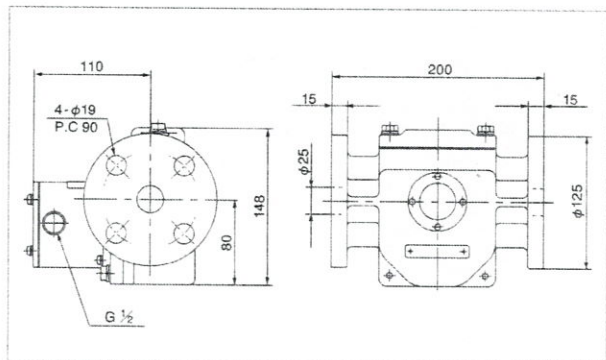
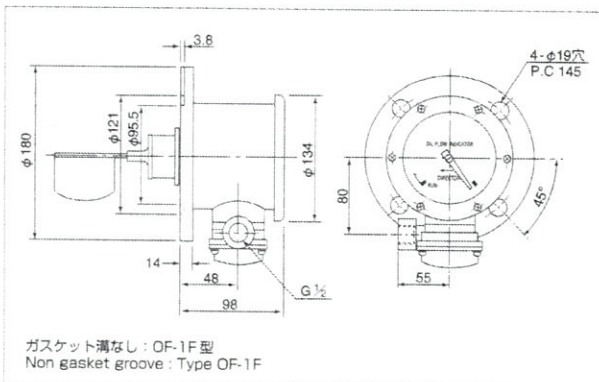


接点 Switch	マイクロスイッチ, 1または2接点 Microswitch 1 or 2 Contact ALARM : 600L/min
接点定格 Switch Rating	AC125V-5A [抵抗負荷] AC250V-5A [Non-inductive]
適合配管 Conformity Piping	4B, 6B, 8B
油流方向 Oil Flow Direction	右→左, 左→右, 上→下, 下→上 Right-Left, Left-Right, Up-Down, Down-Up

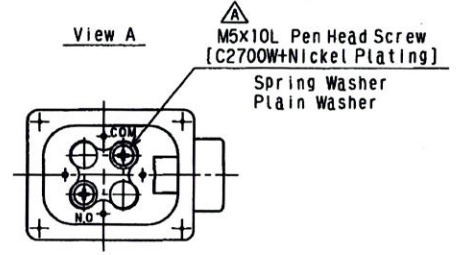
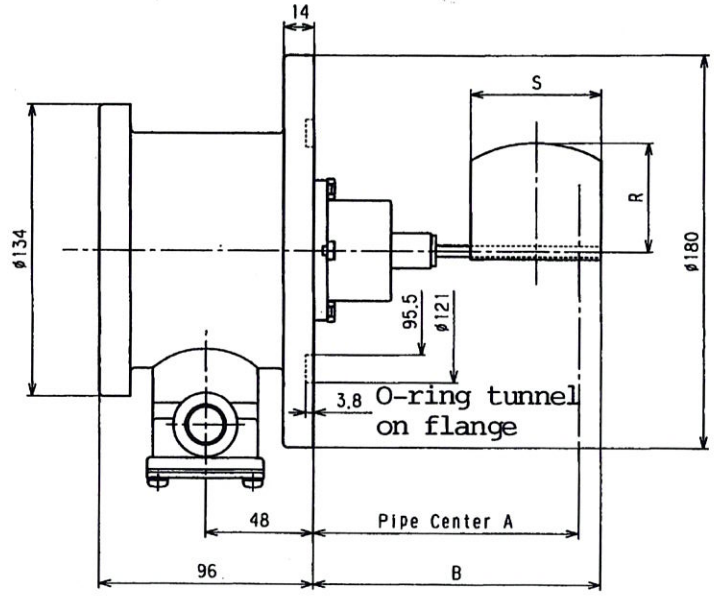
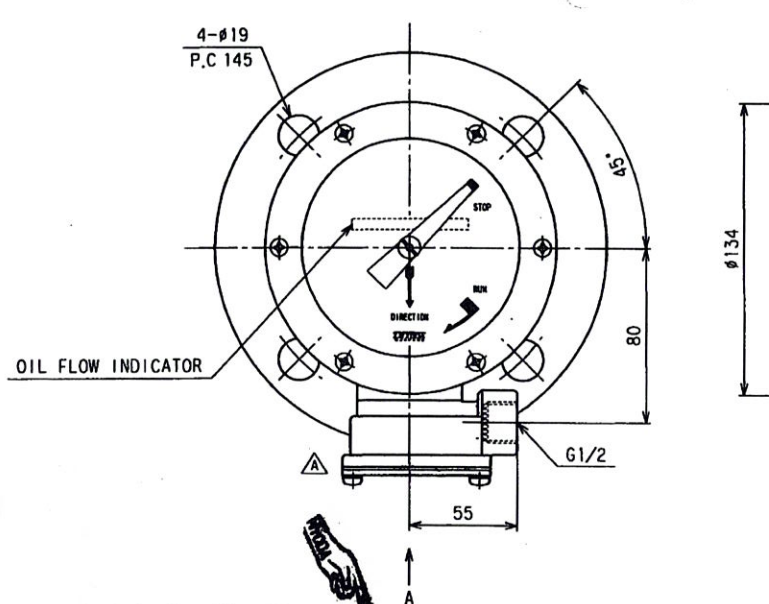
接点 Switch	マイクロスイッチ, 1接点 Microswitch 1 Contact TRIP : 1.35m/sec
接点定格 Switch Rating	AC125V-10A AC250V-3A [抵抗負荷] DC125V-10A [Non-inductive] DC250V-3A
適合配管 Conformity Piping	1B
油流方向 Oil Flow Direction	右→左, 左→右 Right-Left, Left-Right

- 油の流れが低下したとき所定の流量で電気接点を動作させて信号を出します。
- ガス流指示器GF-1型も対応可能です。
- An alarm is triggered when oil flow comes down to a preset level.
- SF₆ Gas Flow Meter available.

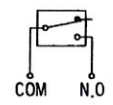
- 所定の油流速で電気接点を動作させて信号を出します。
- 動作時には覗き窓から赤色表示板が見えます。
- テストボタンを押し込んで動作確認ができます。
- An alarm is triggered when oil flow rate to a preset level.
- The red display board can be seen from the inspection window during operation.
- Check the operation by pushing the test button.



HYODA INSTRUMENTS CORPORATION



Microswitch Circuit In Case of Oil RUN



Dial by Flow Direction

U	DOWN → UP	D	UP → DOWN	R	LEFT → RIGHT	L	RIGHT → LEFT

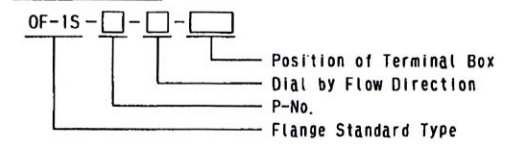
Alarm

P-No.	Nominal Diameter of Pipe	Reference Circulate [L/min]	ON [L/min]	A	B	S	R	RUN [L/min]
1	150	2000	600	120	130	59	50	1000

Position of Terminal box Cable entry direction

A1	DOWN → LEFT	B1	LEFT → UP	C1	UP → RIGHT	D1	RIGHT → DOWN
A2	DOWN → RIGHT	B2	LEFT → DOWN	C2	UP → LEFT	D2	RIGHT → UP

Type Code No.




Switch : Lower Limit 1 Contact (Microswitch)
 Switch Rating : AC125V-5A, DC125V-0.5A (Non-Inductive Load)

Messrs.

NOTE

						Appd.	J. TANIGUCHI	Chkd.	T. MABUCHI	Name	OIL FLOW INDICATOR	
							2025.1.28		2025.1.28			
						Scale	Free		Dwn.	K. OHNISHI	Type	OF-1S
							2025.1.28		2025.1.28			
△	Change of Terminal Box, Terminal	2025.1.28	J.T	T.B	K.O	C/	7012438					
△	Original	2022.12.26	J.T	T.B	H.E							
Rev.	Mark	Remarks	Date	Appd.	Chkd.	Dwn.	HYODA INSTRUMENTS CORPORATION				Draw No.	q2140A

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1. Background

The spare parts will be provided to equipment as follow:

Asset	Description	Location	Unit	System
A382289	GENERATOR TRANSFORMER	4TR-TF001	4	TR

2. Spare Part Data

2.1. System: TRANSFORMER

2.2. Equipment: GENERATOR TRANSFORMER

2.3. Spare Part Group:

- Overhaul
- PM & PdM
- Run to Failure
- Strategic Parts
- Strategic Equipment

2.4. Usage Plan: PARTS WILL BE INSTALLED ON GENERATOR TRANSFORMER DURING OHU4 2026 and AFTER GOOD RECEIPT IN KPJB WAREHOUSE

2.5. Description:

No.	Item ID	Description	Quantity	Unit
1	224207	INDICATOR/TRANSMITTER,RATE OF FLOW, OIL FLOW INDICATOR, OIL IMMERSED TRANSFORMER PROTECTIVE RELAY, OIL FLOW 2000L/MIN, BUILT-IN MICRO-SWITCH, RATING AC125-250V-5A; DC125-250V-0.5A (NON-INDUCTIVE LOAD)	7	PC

3. Work Scope

3.1. Supply material only

4. CSMS Risk Level:

- Low
- Moderate
- High
- Very High
- Extreme


5. Bidder Qualification

5.1. General Suppliers and Vendors

6. Delivery of material and/or services

6.1. Required delivery time is **30 June 2026**

6.2. Delivery point is KPJB's Warehouse, PLTU Tanjung Jati B Unit 3&4, Jepara, Central Java.

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7. Requirement of Documents

Within delivery the materials, supplier should submit documents as follow:

- 1.1. Original COO from chamber
- 1.2. Original COC/ COM from manufacturer/Digital Certificate
- 1.3. Manual and Outline Drawing
- 1.4. Test report with Quality certificate
- 1.5. Warranty letter from Supplier or manufacture

8. Technical Specification

- 8.1. All of technical specification should be comply with determined specification, cannot be changed, no crack, should be new 100%, genuine, no defect, and can be used properly.
- 8.2. In the case PT KPJB decline the delivered material, supplier should replace the material. If supplier can't replace it, they will be penalized in accordance to General Term & Condition (GTC) of the PO.

9. Acceptance Criteria

- 9.1. Delivery time is complied.
- 9.2. All delivered materials are accordance to PO requirement, specification and condition of the TOR.
- 9.3. All of required document are fulfilled.

10. Standard of Quality


Quality of the material and/or services should comply with standard, code, manufacturer specification and user's requirement:

11. Warranty

Generally, if there isn't mentioned at other clause, supplier should warrant the material for 12 months after testing and commissioning or 18 months after delivery time and material being receiving by PT. KPJB warehouse.

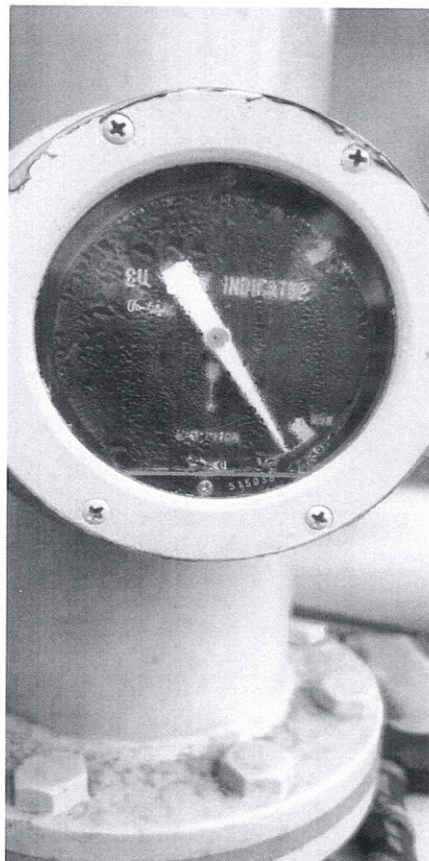
12. Material Technical Data Sheet

All transformer components or accessories are equipped with material data sheets or manuals

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13. Picture (existing Oil Flow Indicator for GT4)


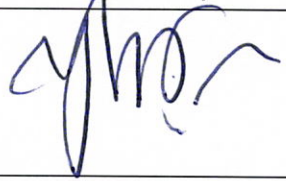
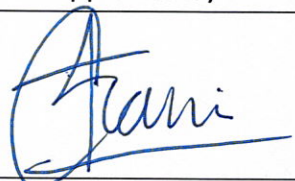
Existing Oil Flow Indicator



14. Others

14.1. Aanwijzing Process is needed.

14.2. Existing drawing Oil Flow Indicator **M-2204935**(attached)

Prepared by	Checked by	Approved by
		
<u>Bangbang Heryanto</u> Staff	<u>Yuda Aditya Vantama</u> Leader	<u>Franky Khaloleos Koraag</u> Manager
Date:	Date:	Date:



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TERMS AND CONDITION

Lampiran

SYARAT - SYARAT DAN KONDISI

KETENTUAN UMUM

Singkatan dan istilah umum :

"Purchase Order/PO" adalah Surat Pesanan Pembelian (*Purchase Order* atau PO).

"ASET OPERATOR" adalah PT Komipo Pembangkitan Jawa Bali (PT. KPJB)

"PLN TJB" adalah PT PLN (Persero) Unit Induk Pembangkitan Tanjung Jati B.

"PPN" adalah Pajak Pertambahan Nilai.

1. SURAT MENYURAT

Setiap surat menyurat harus menggunakan Kop Surat Perusahaan yang mencantumkan Nomor *Purchase Order/PO* , Nomor Surat Penawaran, Tanggal dan ditandatangani di atas meterai oleh Penyedia Barang/Jasa (oleh Direktur atau yang dikuasakan berdasarkan Anggaran Dasar Perusahaan), dan dialamatkan kepada: **ASET OPERATOR**, Procurement, Jepara.

Korespondensi antara **ASET OPERATOR** dan Penyedia Barang/Jasa dapat dilaksanakan melalui surat, faksimili, atau *e-mail* dan ditujukan kepada alamat masing-masing Pihak sebagaimana yang tercantum dalam *Purchase Order/PO*.

Salah satu Pihak dapat mengganti alamat, nomor telepon, faksimili dan/atau *E-mail* dengan memberikan pemberitahuan terlebih dahulu kepada Pihak lainnya.

2. PROSES PENGADAAN

Proses Pengadaan diadakan dengan sistem yang diputuskan oleh **ASET OPERATOR Procurement** dan **PLN TJB**, dimana prosedur yang berlaku yaitu sebagai berikut:

2.1 Penyedia Barang / Jasa yang diundang untuk Pengadaan adalah yang telah terdaftar di daftar Penyedia Barang/Jasa **ASET OPERATOR** dan telah disetujui oleh **PLN TJB** dengan diterbitkan "SAP CODE" oleh **PLN TJB**.

2.2 Menyerahkan Jaminan Penawaran untuk Surat Penawaran di atas Rp.500,000,000,- (Lima Ratus Juta Rupiah) dan/atau dipersyaratkan pada Undangan Pengadaan Barang / Jasa dengan nilai jaminan minimal 1% (satu persen) dan maksimal 3% (tiga persen) dari Harga Penawaran dari Penyedia Barang/Jasa termasuk PPN sesuai peraturan yang berlaku, kepada **ASET OPERATOR** dengan masa berlaku adalah 90 (Sembilan Puluh) hari kalender terhitung dari tanggal yang tertera di Surat Penawaran Harga. Jaminan Penawaran Harus diterbitkan oleh Bank sesuai dengan Daftar Penyedia Jaminan Terseleksi (DPJT) PLN yang telah disetujui oleh **ASET OPERATOR** dan/atau **PLN TJB**.

2.3 Penyedia Barang/Jasa wajib memenuhi persyaratan yang diminta oleh **ASET OPERATOR Procurement** dan tercantum dalam Surat Penawaran Harga, yaitu sebagai berikut:

2.3.1 Jadwal Pengiriman/pekerjaan yang diajukan dalam Surat Penawaran Harga adalah dalam hitungan "**HARI KALENDER atau TANGGAL yang disepakati**".

2.3.2 Sertifikat dan/atau dokumen lainnya yang dipersyaratkan dalam permintaan barang/jasa yang akan diserahkan, maka harus tercantum dalam Surat Penawaran Harga dan itu adalah "**SERTIFIKAT/DOKUMEN ASLI**", kecuali ada ketentuan dan persetujuan lain yang disepakati Para Pihak (Penyedia Barang/Jasa dan **ASET OPERATOR Procurement**).

2.3.3 Harga Yang ditawarkan adalah dalam "**RUPIAH**" sesuai dengan peraturan yang berlaku, kecuali ada ketentuan dan persetujuan lain yang disepakati Para Pihak (Penyedia Barang/Jasa dan **ASET OPERATOR Procurement**).

2.3.4 Surat Penawaran Harga yang diserahkan ke **ASET OPERATOR Procurement** harus menggunakan kop surat resmi perusahaan, bertanggal, bermeterai dan ditandatangani oleh Penyedia Barang/Jasa (oleh Direktur atau yang dikuasakan berdasarkan Anggaran Dasar Perusahaan).

2.3.5 Masa berlaku Surat Penawaran Harga adalah 90 (Sembilan Puluh) Hari Kalender sejak tanggal Surat Penawaran Harga dibuat.

2.3.6 Syarat dan Kondisi penyerahan barang/jasa adalah "**DDP Tanjung Jati B**" (*incoterms* 2000), kecuali ada ketentuan dan persetujuan lain yang disepakati Para Pihak (Penyedia Barang/Jasa dan **ASET OPERATOR Procurement**).

2.3.7 Syarat dan Kondisi Pembayaran adalah 45 (empat puluh lima) Hari Kalender sejak barang/atau bukti penyelesaian pekerjaan dan dokumen lainnya yang dipersyaratkan dalam *Purchase Order/PO* lengkap diterima oleh **ASET OPERATOR** dan **PLN TJB**.

2.3.8 Penyedia Barang/Jasa dipersyaratkan mencantumkan kesanggupan untuk menerbitkan "**Surat Pernyataan Jaminan/Warranty Letter**", yang menyatakan bahwa barang yang dikirimkan adalah Asli, Baru dan Tidak ada cacat. *Purchase Order/PO* lengkap diterima oleh **ASET OPERATOR** dan dapat digunakan, dan ditandatangani di atas meterai oleh Penyedia Barang/Jasa (oleh Direktur atau yang dikuasakan berdasarkan Anggaran Dasar Perusahaan). Jika dipersyaratkan dalam PO

2.4 Surat Penawaran Harga dan Dokumen pengadaan lainnya yang telah diterima oleh **ASET OPERATOR Procurement** adalah mutlak milik **ASET OPERATOR Procurement** dan keputusan yang dibuat oleh **ASET OPERATOR Procurement Komite** adalah mutlak dan tidak dapat diganggu gugat.

2.5 Adapun Syarat dan Ketentuan lainnya yang ditetapkan terpisah adalah satu kesatuan dari Syarat –Syarat dan Kondisi pada lampiran 2.

3. PERSETUJUAN PURCHASE ORDER/PO

Sebagai konfirmasi persetujuan Pesanan atau syarat-syarat *Purchase Order/PO*, Nomor Referensi Rekanan wajib menandatangani Surat *Purchase Order/PO* di atas meterai yang cukup pada kolom yang tersedia dan mengembalikan kepada Procurement **ASET OPERATOR**.

3.1 PROSES PURCHASE ORDER/PO

Proses *Purchase Order/PO* diberlakukan dalam tahap sebagai berikut:

3.1.1 *Purchase Order/PO* atas nama **PLN TJB** lebih besar dari Rp.500,000,000,- (Lima Ratus Juta Rupiah), maka Penyedia Barang/Jasa diwajibkan menyerahkan Jaminan Pelaksanaan ditujukan ke **PLN TJB**, bernilai minimal 5% (lima persen) dari total harga barang/ jasa yang tercantum dalam *Purchase Order/PO* termasuk PPN sesuai dengan peraturan yang berlaku.

3.1.2 *Purchase Order/PO* Asli yang telah lengkap ditandatangani oleh **ASET OPERATOR** atas sepengetahuan dan persetujuan **PLN TJB** terlebih dahulu, dan wajib ditandatangani di atas meterai oleh Penyedia Barang/Jasa (oleh Direktur atau yang dikuasakan berdasarkan Anggaran Dasar Perusahaan) dan dikembalikan kepada Procurement **ASET OPERATOR**.

3.1.3 *Aktivasi Surat Purchase Order/PO* adalah 7 (tujuh) Hari Kalender sejak *Purchase Order/PO* dikirimkan melalui surat tertulis dan/atau surat elektronik (*surel/email*) oleh Procurement **ASET OPERATOR**.

3.1.4 *Jangka Waktu berlakunya Purchase Order/PO* ditetapkan dalam *Purchase Order/PO*, pada kolom "**Start Date**" dan "**End Date**".

3.1.5 Pada ketentuan *Pasal* 3.1.1 dimana **ASET OPERATOR** akan mengirimkan surat "*Appointment of awarded Supplier*" melalui surat tertulis dan/atau Surat Elektronik (*surel/email*) kepada Penyedia Barang/Jasa, dan selambat-lambatnya dalam waktu 14 (empat belas) Hari Kalender setelah tanggal dikirimkan surat "*Appointment of awarded Supplier*", maka Jaminan Pelaksanaan harus diterima oleh Procurement **ASET OPERATOR**, apabila telah melewati jangka waktu yang telah ditetapkan dan pihak Penyedia Barang/Jasa belum memberikan Jaminan Pelaksanaan, maka **ASET OPERATOR** mempunyai hak membatalkan perikatan hukum (*Purchase Order/PO*) dengan Penyedia Barang/Jasa. Penyedia Barang/Jasa dianggap mengundurkan diri dan Jaminan Penawaran dicairkan tanpa syarat. Penyedia Barang/Jasa dianggap telah melakukan Wanprestasi dan akan dikenakan sanksi sesuai dengan peraturan yang berlaku di **ASET OPERATOR** dan **PLN TJB**.



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- 3.2 **ASET OPERATOR** dan Penyedia Barang/Jasa sepakat dalam hal **ASET OPERATOR** membatalkan *Purchase Order/PO* maka **ASET OPERATOR** dan **PLN TJB** tanpa terkecuali dibebaskan dari segala bentuk gugatan dan laporan hukum, sanksi, ganti rugi, penggantian biaya-biaya maupun ongkos-ongkos apapun sehingga Penyedia Barang/Jasa tidak memiliki hak dan wewenang untuk menuntut pertanggungjawaban apapun lagi dari **ASET OPERATOR** dan **PLN TJB**.
- 3.3 *Purchase Order/PO* dan Ketentuan lainnya yang ditetapkan terpisah adalah satu kesatuan dari Syarat –Syarat dan Kondisi lampiran 2.

4. JANGKA WAKTU PELAKSANAAN

Jangka Waktu Pelaksanaan adalah Jangka Waktu yang tertera dalam *Purchase Order/PO* sesuai pada ketentuan Pasal 3.1.4, kecuali adanya pengakhiran atau perpanjangan berdasarkan kesepakatan Para Pihak.

5. PERPANJANGAN WAKTU PELAKSANAAN

Setiap perpanjangan waktu pelaksanaan akan diterbitkan Amendemen *Purchase Order/PO* dengan Jangka Waktu yang disepakati Para Pihak.

6. PERUBAHAN *PURCHASE ORDER/PO* (AMENDMENT *PO*)

Setiap perubahan atas *Purchase Order/PO* mengenai Masa berlaku *Purchase Order/PO*, sebagaimana ketentuan pada Pasal 3.1.4 dan syarat-syarat dan kondisi lain hanya akan mengikat apabila disetujui secara tertulis dari **ASET OPERATOR** atas nama **PLN TJB** dengan diterbitkannya *Amendment PO* yang diterbitkan 2 (dua) rangkap yang masing - masing rangkap ditandatangani diatas meterai oleh **ASET OPERATOR** dan Penyedia Barang/Jasa.

7. BARANG-BARANG

7.1 Semua barang yang dipasok/disuplai harus sesuai dengan perincian yang tercantum dalam *Purchase Order/PO*.

7.2 Penyimpangan dari ketentuan-ketentuan di atas tidak diperkenankan tanpa persetujuan tertulis/tanpa *Amendment PO* dari **ASET OPERATOR**.

8. KEMASAN

Kemasan harus dibuat kuat (dalam wujud kayu atau karton) dan layak laut atau udara sesuai dengan standar yang berlaku bagi kemasan. Semua harga bahan kemasan telah termasuk dalam harga yang telah disetujui. Pada setiap kemasan harus dicantumkan nama barang.

9. PEMERIKSAAN

9.1 Pemeriksaan sebelum pengapalan: apabila pemeriksaan sebelum pengapalan diperlukan, maka **ASET OPERATOR** dan/atau **PLN TJB** akan melakukan pemeriksaan barang di tempat Penyedia Barang/Jasa atau tempat lain yang disetujui Para Pihak.

9.2 Barang akan diperiksa pada waktu penyerahan dilaksanakan setelah lengkap dengan dokumen yang dipersyaratkan pada *Purchase Order/PO*. Barang yang tidak memenuhi syarat-syarat yang ditentukan dalam *Purchase Order/PO* akan dikembalikan kepada Penyedia Barang/Jasa, dan semua biaya dan kerugian akan ditimbulkan menjadi risiko dan tanggung jawab Penyedia Barang/Jasa.

10. SERTIFIKASI

Sertifikat untuk barang (-barang) tertentu yang ditetapkan oleh **ASET OPERATOR** dan **PLN TJB** adalah sebagai berikut:

- Sertifikat Asal Usul Barang (*Certificate of Origin/COO*);
- Sertifikat dari Pabrik (*Certificate of Manufacture/COM*);
- Surat Keaslian Barang;
- Sertifikat Hasil Uji Pabrik (*Factory Acceptance Test Certificate*);
- Salinan Dokumen Impor Barang (*Copy Bill of Lading*);
- Sertifikat Analisa (*Certificate of Analysis/COA*);

ataupun dokumen-dokumen pendukung lainnya (sebagaimana dipersyaratkan khusus di *Purchase Order/PO*).

11. PENYERAHAN

11.1 Penyedia Barang/Jasa harus menyerahkan barang (-barang) dalam jangka waktu dan tempat sesuai dengan syarat-syarat yang telah ditentukan dalam *Purchase Order/PO*.

11.2 Dalam jangka waktu paling lambat 7 (tujuh) Hari Kalender sebelum pengiriman barang (-barang), Penyedia Barang/Jasa harus memberitahukan **ASET OPERATOR** mengenai jadwal pengiriman.

11.3 Waktu Penyerahan barang(-barang) dihitung efektif sejak 7 (tujuh) Hari Kalender sejak *Purchase Order/PO* dikirimkan melalui surat tertulis dan/atau Surat Elektronik (*surel/ email*) oleh Procurement **ASET OPERATOR** ditambah jangka waktu pengiriman yang tercantum pada *Purchase Order/PO* sebagaimana ketentuan pada Pasal 3.1.5 dan lengkap disertai dengan penyerahan dokumen pendukung yang dipersyaratkan dalam *Purchase Order/PO*.

12. DENDA SANKSI

12.1 Sanksi atas pencairan Jaminan Penawaran tanpa syarat apabila Penyedia Barang/Jasa membatalkan *Purchase Order/PO* secara sepihak, tanpa persetujuan **ASET OPERATOR** dan **PLN TJB**, sebagaimana ketentuan pada Pasal 2.2 dan Pasal 3.1.6. Penyedia Barang/Jasa dianggap telah melakukan Wanprestasi dan mendapatkan sanksi *blacklist* di lingkungan **ASET OPERATOR** dan **PLN TJB** minimal 2 (dua) tahun.

12.2 Denda atas keterlambatan menyelesaikan pekerjaan atau memasok Barang adalah setiap hari keterlambatan dikenakan 1/1000 (satu per seribu) dengan maksimal denda keterlambatan adalah 5% (lima persen) dari total nilai *Purchase Order/PO* belum termasuk PPN sesuai dengan peraturan yang berlaku dan/atau sama dengan maksimal keterlambatan pengiriman maksimal adalah 50 (lima puluh) Hari Kalender, kecuali ada kesepakatan lain antara Para Pihak. Serta melakukan pemotongan pembayaran kepada Penyedia Barang/Jasa dengan menggunakan nilai denda yang sudah ditetapkan **ASET OPERATOR** tersebut sebagai dasar pemotongan.

12.3 Batas maksimal Penyedia Barang/Jasa dalam keterlambatan adalah 3 (tiga) *Purchase Order/PO* dan Penyedia Barang/Jasa akan di tangguhkan ("*suspend*") atau tidak dapat turut serta dalam proses pengadaan berikutnya. Pemberian Penangguhan ("*suspend*") kepada Penyedia Barang/Jasa adalah hak mutlak **ASET OPERATOR** atas persetujuan **PLN TJB**, dan tanpa pemberitahuan resmi kepada Penyedia Barang/Jasa.

12.4 Penyedia Barang/Jasa tidak dapat membatalkan *Purchase Order/PO* sepihak kepada **ASET OPERATOR** dan/atau **PLN TJB**. Bila Penyedia Barang/Jasa tidak sanggup menyerahkan atau menyelesaikan pekerjaannya dalam waktu yang telah ditentukan, **ASET OPERATOR** dan/atau **PLN TJB** sebagaimana ketentuan pada Pasal 11.3, maka **ASET OPERATOR** memiliki hak dan wewenang penuh untuk:

12.4.1 Mengenakan denda maksimal sebesar 5% (lima persen) dari Total Nilai pada *Purchase Order/PO* atau mencairkan Jaminan Pelaksanaan tanpa syarat;

12.4.2 Dan/ Atau memesan barang/ jasa tersebut kepada sumber lain dan bila ada kelebihan harga yang dibayarkan **ASET OPERATOR** maka Penyedia Barang/Jasa wajib menanggung kelebihan harga tersebut;

12.4.3 Penyedia Barang/Jasa dianggap telah melakukan Wanprestasi dan mendapatkan sanksi *black list* di lingkungan **ASET OPERATOR** dan **PLN TJB** minimal 2 (dua) tahun disertai dengan membatalkan atau mengakhiri PO beserta pengakhiran ikatan Kerjasama dengan Penyedia Barang/Jasa.

12.5 Denda atau Sanksi dapat diabaikan dan/atau dihilangkan apabila keterlambatan atas suatu Pengadaan Barang atau Jasa yang dianggap oleh **ASET OPERATOR** dan/ atau **PLN TJB** adalah dikategorikan sebagai suatu "*Force Majeure*" sebagaimana ketentuan pada Pasal 16.

13. TAHAPAN SURAT PEMBERITAHUAN, PERINGATAN, DAN PEMUTUSAN *PURCHASE ORDER/PO* KARENA WANPRESTASI



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13.1 Peristiwa-peristiwa yang digolongkan sebagai Wanprestasi adalah:

- a. Peristiwa Wanprestasi yang mengakibatkan *Purchase Order*/PO berakhir tanpa melalui surat peringatan dari **ASET OPERATOR** terhadap Penyedia Barang/Jasa adalah sebagai berikut:
 - i. Penyedia Barang/Jasa terbukti melakukan tindak pidana antara lain adanya pemalsuan surat/dokumen, praktek korupsi, penyuapan, pemberian gratifikasi, persekongkolan, kecurangan dan pemalsuan yang berkaitan dengan proses pengadaan, *Purchase Order*/PO dan/atau pelaksanaan Pekerjaan.
 - ii. Penyedia Barang/Jasa terbukti melakukan pelanggaran atas peraturan internal **ASET OPERATOR** dan/atau **PLN TJB** terkait *fraud*.
 - iii. Berdasarkan putusan Pengadilan yang telah mempunyai kekuatan hukum tetap, Penyedia Barang/Jasa dinyatakan dalam keadaan pailit, pembubaran, likuidasi atau diberikan penundaan pembayaran hutang yang menyebabkan Penyedia Barang/Jasa tidak dapat melakukan kewajibannya berdasarkan *Purchase Order*/PO.
 - iv. Penyedia Barang/Jasa terbukti dikenakan Sanksi Daftar Hitam (*blacklist*) sebelum penandatanganan *Purchase Order*/PO.
 - v. Apabila Jaminan Penawaran dan/atau Jaminan Pelaksanaan yang diserahkan oleh Penyedia Barang/Jasa kepada **ASET OPERATOR** dan/atau **PLN TJB** selama jangka waktu *Purchase Order*/PO terbukti palsu/tidak benar.
 - vi. Setiap pernyataan yang dibuat oleh Penyedia Barang/Jasa di dalam *Purchase Order*/PO yang berkaitan dengan proses pengadaan *Purchase Order*/PO dan/atau pelaksanaan Pekerjaan terbukti tidak sah dan/atau tidak dilaksanakan oleh Penyedia Barang/Jasa.
- b. Peristiwa Wanprestasi yang mengakibatkan *Purchase Order*/PO berakhir melalui surat peringatan dari **ASET OPERATOR** terhadap Penyedia Barang/Jasa adalah sebagai berikut:
 - i. Penyedia Barang/Jasa mengalihkan Pekerjaan baik sebagian atau seluruhnya atau hak atau kewajiban yang diatur dalam *Purchase Order*/PO tanpa persetujuan tertulis dari **ASET OPERATOR**;
 - ii. Apabila denda yang diatur dalam *Purchase Order*/PO tidak dibayar oleh Penyedia Barang/Jasa kepada **ASET OPERATOR**.
 - iii. Apabila Penyedia Barang/Jasa tidak melakukan perpanjangan Jaminan Pelaksanaan sebagaimana diatur dalam *Purchase Order*/PO.
 - iv. Penyedia Barang/Jasa tidak memenuhi baik sebagian atau seluruh kewajiban sesuai ketentuan yang diatur dalam *Purchase Order*/PO.

13.2 Dalam hal terjadi Peristiwa Wanprestasi oleh Penyedia Barang/Jasa sebagaimana dimaksud Pasal 13 ayat 13.1 butir b Syarat Umum *Purchase Order*/PO, **ASET OPERATOR** berhak mengakhiri *Purchase Order*/PO dengan memberikan surat peringatan, dengan ketentuan sebagai berikut:

- a. Surat Pemberitahuan (*Notification Letter*): dikirimkan secara tertulis dan/atau melalui *Email* ke Penyedia Barang/Jasa maksimal 14 (empat belas) Hari Kalender sebelum jangka waktu pengiriman jatuh tempo yang tertera pada *Purchase Order*/PO.
- b. Surat Peringatan Resmi (*Official Warning Letter*): dikirimkan secara tertulis dan/atau melalui *Email* ke Penyedia Barang/Jasa yang mengalami keterlambatan pengiriman dengan ketentuan sebagai berikut:
 - i. Surat Peringatan Pertama (*Warning Letter 1*): 1- 10 hari setelah masa berlakunya *Purchase Order*/PO berakhir (*end date*), dan Penyedia Barang/Jasawajib merespon dalam waktu 10 hari setelah Surat Peringatan Pertama (*Warning Letter 1*) diterima.
 - ii. Surat Peringatan Kedua (*Warning Letter 2*): 21- 30 hari setelah masa berlakunya *Purchase Order*/PO berakhir (*end date*), dan Penyedia Barang/Jasawajib merespon dalam waktu 10 hari setelah Surat Peringatan Kedua (*Warning Letter 2*) diterima.
 - iii. *Warning Letter 3* (Surat Pengakhiran/Pemutusan (*Termination Letter*)): 51 hari setelah masa berlakunya *Purchase Order*/PO berakhir (*end date*).
- c. Surat Pengakhiran/Pemutusan (*Termination Letter*): dikirimkan secara tertulis dan/atau melalui *Email* ke Penyedia Barang/Jasa setelah 2 (dua) surat pada Pasal 13.2.a dan 13.2.b di atas dikirimkan dan tidak tercapainya kesepakatan antara Para Pihak dalam penyelesaian permasalahan yang dimaksud dalam jangka waktu masa berlakunya *Purchase Order*/PO, maka secara sepihak yaitu **ASET OPERATOR** atas persetujuan **PLN TJB**, akan membatalkan *Purchase Order*/PO dengan mengirimkan Surat Pemutusan (*Termination Letter*) kepada Penyedia Barang/Jasa.
- d. Apabila Penyedia Barang/Jasa tidak menyelesaikan pekerjaan serta tidak tercapainya kesepakatan antara Para Pihak dalam penyelesaian pekerjaan yang dimaksud dalam jangka waktu masa berlakunya *Purchase Order*/PO dalam waktu sebagaimana disebutkan pada Pasal 13 ayat 13.2 butir c, maka **ASET OPERATOR** berhak mencairkan Jaminan Pelaksanaan Penyedia Barang/Jasa pada periode berjalan, dan mengakhiri *Purchase Order*/PO secara sepihak.

13.3 Dalam hal Penyedia Barang/Jasa telah melakukan pemulihan atau perbaikan sebagaimana dimaksud pada bab ini, dan pemulihan atau perbaikan tersebut disetujui oleh **ASET OPERATOR** maka peringatan tertulis yang telah diterbitkan tersebut tidak akan diperhitungkan sebagai pemberian peringatan yang berkelanjutan atau tidak berlaku kumulatif pada pemberian peringatan berikutnya.

13.4 Atas setiap pengakhiran dari *Purchase Order*/PO, seluruh kewajiban-kewajiban masing-masing Pihak berdasarkan *Purchase Order*/PO wajib berhenti, kecuali:

- a. Sehubungan dengan kewajiban-kewajiban pembayaran yang ditimbulkan dari tindakan-tindakan yang diambil sebelum pengakhiran tersebut (termasuk namun tidak terbatas pada hak normatif Pekerja Penyedia Barang/Jasa);
- b. Sebagaimana ditentukan lain dalam *Purchase Order*/PO;
- c. Bahwa ketentuan terkait Jaminan Pelaksanaan akan tetap berlaku walaupun *Purchase Order*/PO telah diakhiri; dan/atau
- d. Pengakhiran tersebut tidak akan mengurangi setiap hak atas ganti rugi atau setiap perbaikan lainnya yang mungkin dimiliki oleh masing-masing pihak berdasarkan *Purchase Order*/PO.

13.5 Dalam hal terjadi Peristiwa Wanprestasi Penyedia Barang/Jasa, maka Penyedia Barang/Jasa akan dikenakan hukuman/denda sesuai ketentuan pada *Purchase Order*/PO.

13.6 **ASET OPERATOR** akan memberlakukan hukuman daftar hitam (*blacklist*) bagi setiap pengakhiran *Purchase Order*/PO yang disebabkan karena wanprestasi Penyedia Barang/Jasa sebagaimana diatur lebih lanjut dalam ketentuan yang berlaku pada **ASET OPERATOR**.

13.7 Terhadap pengakhiran *Purchase Order*/PO, Para Pihak sepakat untuk tidak memberlakukan ketentuan Pasal 1266 Kitab Undang-Undang Hukum Perdata.

13.8 Akibat-akibat Pemutusan *Purchase Order*/PO:

- a. **ASET OPERATOR** dan/atau **PLN TJB** dibebaskan dari segala tuntutan hutang-hutang Penyedia Barang/Jasa kepada pihak ketiga yang harus ditanggung oleh Penyedia Barang/Jasa;
- b. **ASET OPERATOR** dan Penyedia Barang/Jasa segera mengadakan pemeriksaan bersama yang dituangkan dalam Berita Acara Pemeriksaan Pekerjaan dan/atau *Good Receipt* (GR) dan/atau *Join Inspection* (JI) yang meliputi beberapa prestasi yang telah selesai dikerjakan oleh Penyedia Barang/Jasa. Apabila Penyedia Barang/Jasa tidak bersedia mengadakan pemeriksaan bersama, maka **ASET OPERATOR** akan mengadakan pemeriksaan terakhir dan hasilnya dianggap sebagai hasil pemeriksaan bersama;
- c. Penyedia Barang/Jasa hanya berhak mendapatkan pembayaran sesuai kemajuan pekerjaan yang telah dilaksanakan dan disetujui **ASET OPERATOR**. Peralatan dan bahan-bahan yang belum dipergunakan tidak termasuk dalam penilaian kemajuan pekerjaan;
- d. **ASET OPERATOR** akan mengambil alih pekerjaan untuk diselesaikan dengan *Purchase Order*/PO lain atau dengan cara lain;

14. HARGA

14.1 Harga yang tercantum dalam *Purchase Order*/PO ini adalah tetap, tidak berubah dan mengikat.

14.2 Bagi Pengusaha Kena Pajak ("PKP") harga yang tercantum dalam *Purchase Order*/PO tidak termasuk PPN sesuai dengan peraturan yang berlaku. PPN harus dinyatakan terpisah dari harga barang(-barang) yang dipesan.

15. JAMINAN PENAWARAN DAN JAMINAN PELAKSANAAN

Jaminan dipersyaratkan untuk Pengadaan sebagai berikut :



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- 15.1 Jaminan Penawaran adalah bernilai minimal 1% (satu persen) maksimal 3% (Tiga persen) dari Total Nilai Perkiraan Sendiri (HPS) atau Surat Penawaran Harga dari Penyedia Barang/Jasa termasuk PPN sesuai dengan peraturan yang berlaku, untuk nilai Penawaran lebih besar dari Rp.500,000,000,- (lima ratus juta rupiah), sebagaimana ketentuan pada Pasal 2.2 .
- 15.2 Jaminan Pelaksanaan adalah bernilai minimal 5% (lima persen) dari Total Nilai pada *Purchase Order/PO* termasuk PPN sesuai dengan peraturan yang berlaku untuk nilai Pembelian lebih besar dari Rp.500,000,000,- (lima ratus juta rupiah), sebagaimana ketentuan pada Pasal 3.1.1 di atas. Dengan ketentuan masa berlaku Jaminan Pelaksanaan adalah sebagaimana ketentuan pada Pasal 3.1.4 ditambah sekurang-kurangnya 50 (Lima Puluh Hari) Hari Kalender.
- 15.3 Jaminan yang disertakan harus mengikuti persyaratan yang diminta oleh **ASET OPERATOR** dan/atau **PLN TJB** dengan ketentuan sebagai berikut :
 - 15.3.1 Mengikuti format yang sudah dibakukan oleh **ASET OPERATOR** dan/ atau **PLN TJB**.
 - 15.3.2 Menggunakan mata uang dalam "Rupiah", kecuali ada ketentuan dan persetujuan lain yang disepakati Para Pihak (Penyedia Barang/ Jasa dan ASET OPERATOR Procurement).
 - 15.3.3 Harus diterbitkan oleh Bank sesuai dengan Daftar Penyedia Jaminan Terseleksi (DPJT) PLN yang telah disetujui oleh **ASET OPERATOR** dan/atau **PLN TJB**.
- 15.4 Jaminan Pelaksanaan diserahkan kepada **ASET OPERATOR** maksimal 14 (empat belas) Hari Kalender setelah "**Surat Penunjukan Pemenang / Appointment of Awarded Supplier**" dikirimkan melalui surat tertulis dan/atau Surat Elektronik (Surel/ Email) oleh **ASET OPERATOR** kepada Penyedia Barang/Jasa, sebagaimana ketentuan pada Pasal 3.1.5.
- 15.5 Asli dari Jaminan akan dikembalikan ke Penyedia Barang/Jasa apabila semua kewajiban dari Penyedia Barang/Jasa telah dinyatakan selesai oleh **ASET OPERATOR** atas persetujuan **PLN TJB**.
- 15.6 Jaminan dapat dimungkinkan untuk diperpanjang masa berlakunya atas permintaan dari **ASET OPERATOR** dan/atau **PLN TJB** kepada Penyedia Barang/Jasa.

16. FORCE MAJEURE

- 16.1 Peristiwa, kejadian atau keadaan berikut ini adalah *Force Majeure*: Kehendak Tuhan (*Act of God*) meliputi namun tidak terbatas pada gempa bumi, dari banjir, epidemi, kebakaran, perang, huru-hara, pemogokan dan/atau pemberlakuan peraturan pemerintah yang mengatur atau berhubungan dengan pelaksanaan/ pengiriman di dalam *Purchase Order/PO*.
- 16.2 Dalam hal terjadi suatu peristiwa, kejadian atau keadaan *Force Majeure*, Penyedia Barang/Jasa wajib memberitahukan secara tertulis dan/atau email dengan melampirkan bukti-bukti dari instansi yang berwenang kepada **ASET OPERATOR** selambat-lambatnya 3 (tiga) hari sejak terjadinya suatu peristiwa, kejadian atau keadaan *Force Majeure*.
- 16.3 Dalam hal pemberitahuan sebagaimana ketentuan Pasal 16.2 di atas terlampaui atau tidak dilaksanakan maka Para Pihak sepakat bahwa kejadian tersebut bukan merupakan keadaan *Force Majeure*.
- 16.4 Baik Penyedia Barang/Jasa maupun **ASET OPERATOR** dan **PLN TJB** dibebaskan dari setiap dan semua tanggung jawab yang timbul sebagai akibat terjadinya suatu peristiwa, kejadian atau keadaan *Force Majeure*.

17. TUNTUTAN DARI PIHAK KETIGA

Penyedia Barang/Jasa harus membebaskan dan melindungi **ASET OPERATOR** dan **PLN TJB** dari segala tuntutan dari pihak ketiga yang timbul atau akan timbul sehubungan dengan *Purchase Order/PO*.

18. GARANSI (Apabila Dipersyaratkan di dalam *Purchase Order/PO*)

Penyedia Barang/Jasa menjamin ke **ASET OPERATOR** dan/ atau **PLN TJB**, bahwa barang-barang yang dikirim sesuai dengan spesifikasi yang disepakati sebagaimana ketentuan pada Pasal 2.3.8. Barang tidak cacat atau rusak material atau teknis, baru (bukan barang bekas pakai) dan digaransi oleh Pabrik dan/atau Penyedia Barang/Jasa. Garansi harus berlaku selama jangka waktu 18 (delapan belas) bulan sejak tanggal pengiriman barang atau 12 (dua belas) bulan sejak tanggal pemasangan atau operasi awal atas barang ("**Masa Garansi**"). Apapun yang terjadi terlebih dahulu dalam Masa Garansi, ditemukan kerusakan atau kecacatan barang, **ASET OPERATOR** berkewajiban untuk memberitahukan secara tertulis dan/atau melalui email atas hal tersebut kepada Penyedia Barang/Jasa. Dan dalam waktu 3 x 24 jam setelah diterimanya pemberitahuan tersebut, Penyedia Barang/Jasa wajib memperbaiki barang yang cacat atau rusak tersebut, dan apabila barang tidak bisa diperbaiki dalam jangka waktu paling lambat 30 (tiga puluh) Hari Kalender, maka Penyedia Barang/Jasa harus mengganti barang yang rusak tersebut dengan barang baru dengan kualitas dan spesifikasi yang sama tanpa ada penambahan biaya apapun dari **ASET OPERATOR**.

19. TAGIHAN

Untuk melakukan penagihan, Penyedia Barang/Jasa harus memenuhi syarat-syarat penagihan dengan melengkapi dokumen-dokumen antara lain sebagai berikut:

- 19.1 Surat Permohonan Pembayaran: 1 (satu) rangkap Asli
- 19.2 Kwitansi : 3 (tiga) rangkap, 1 (satu) rangkap bermeterai cukup dan 2 (dua) rangkap lainnya tanpa meterai .
- 19.3 Invoice : 3 (tiga) rangkap, 1 (satu) rangkap bermeterai cukup dan 2 (dua) rangkap lainnya tanpa meterai.
- 19.4 Faktur Pajak : 2 (dua) rangkap.
- 19.5 Berita Acara Penyelesaian Pekerjaan (BAPK) dan/atau *Goods Receipt* dan/atau *Joint Inspection* : 1 (satu) rangkap Asli.
- 19.6 Berita Acara Serah Terima (BAST) barang/jasa/pekerjaan dan/atau *Minutes Of Verification* (MOV): 1 (satu) rangkap Asli.
- 19.7 NPWP dan SPPKP : 1 (satu) rangkap *Copy*.
- 19.8 Sertifikat Asal Barang dan/atau Sertifikat Manufaktur: 1 (satu) asli dan/atau 1 (satu) *Copy* (Apabila dipersyaratkan pada *Purchase Order/PO*).
- 19.9 Surat Jaminan/Garansi yang menyatakan masa garansi barang adalah 18 (delapan belas) bulan sejak pengiriman atau 12 (dua belas) bulan sejak instalasi : 1 (satu) asli dan 2 (dua) *Copy* (Apabila dipersyaratkan pada *Purchase Order/PO*).
- 19.10 Jaminan Pelaksanaan dan Surat Konfirmasi keabsahan Jaminan Pelaksanaan : 1 (satu) rangkap *Copy* (Apabila dipersyaratkan pada *Purchase Order/PO*).
- 19.11 SIUP/NIB dan SIUJK : 1 (satu) rangkap *Copy* (Apabila ada atau apabila dipersyaratkan pada *Purchase Order/PO*)
- 19.12 Syarat-syarat lain yang belum tercantum sebagaimana poin-poin diatas namun dipersyaratkan khusus pada *Purchase Order /PO* wajib dipenuhi oleh Penyedia Barang/Jasa.

(Persyaratan penagihan terlampir di lampiran " Tata Cara Penagihan ")

20. PEMBAYARAN

Kecuali ditentukan lain dalam *Purchase Order/PO* :

- 20.1 Pembayaran akan dilakukan pada 45 (empat puluh lima) Hari Kalender setelah barang/ Jasa dinyatakan diterima dengan Bukti Asli *Goods Receipt/ Completion Work*, dan dokumen-dokumen penagihan telah diterima dengan baik, lengkap dan benar.
- 20.2 Pembayaran akan dilakukan melalui bank transfer.

21. LAIN - LAIN

- 21.1 Syarat-syarat umum ini berlaku sah dan mengikat, kecuali ada ketentuan lain yang tertera pada *Purchase Order/PO*.
- 21.2 Bilamana **ASET OPERATOR** serta Penyedia Barang/Jasa menandatangani kesepakatan tambahan sebagai satu kesatuan dari *Purchase Order/PO* dan ternyata menimbulkan pertentangan dengan klausul-klausul di dalam *Purchase Order/PO* maka **ASET OPERATOR** dan Penyedia Barang/Jasa sepakat akan selalu menafsirkan dengan cara memilih, mematuhi dan menerapkan klausul yang lebih menguntungkan **ASET OPERATOR** semata.



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- 21.3 **ASET OPERATOR** dan/atau **PLN TJB**, setiap saat memiliki hak eksklusif untuk melakukan evaluasi berkaitan dengan kinerja, kepatuhan atau hasil pelaksanaan kewajiban oleh Penyedia Barang/Jasa, dimana hasil evaluasi tersebut akan disampaikan kepada Penyedia Barang/Jasa dalam bentuk pernyataan tertulis.
- 21.4 Evaluasi tersebut dilakukan dalam rangka menjamin keberlangsungan PLTU Tanjung Jati B Jepara sehingga hasil evaluasi sebagaimana dimaksud menjadi dasar bagi **ASET OPERATOR** dan/atau **PLN TJB** untuk mengkaji ulang status serta jangka waktu *Purchase Order/PO* dan/atau penentuan status Penyedia Barang/Jasa dalam Daftar Hitam Penyedia Barang/Jasa **ASET OPERATOR** dan/atau **PLN TJB**.
- 21.5 *Purchase Order/PO* dibuat, diatur dan ditafsirkan sesuai dengan hukum Negara Republik Indonesia.
- 21.6 Jika terjadi perselisihan yang tidak mendapatkan solusi maka **ASET OPERATOR** dan Penyedia Barang/Jasa sepakat untuk dapat melakukan pengakhiran *Purchase Order/PO* dan tidak memberlakukan ketentuan Pasal 1266 Kitab Undang-undang Hukum Perdata.
- 21.7 Syarat-syarat dan kondisi ini dibuat dalam Bahasa Indonesia dan Bahasa Inggris. Dalam hal adanya inkonsistensi atau penafsiran yang berbeda antara versi Bahasa Indonesia dan versi Bahasa Inggris, versi Bahasa Indonesia dari Syarat-syarat dan kondisi ini akan berlaku dan versi Bahasa Inggris harus dianggap secara otomatis diubah (perubahan mana berlaku sejak tanggal ditandatanganinya versi bilingual ini) untuk menjadikan bagian yang relevan dari versi Bahasa Inggris sesuai dengan bagian yang relevan dari versi Bahasa Indonesia.
- 21.8 **ASET OPERATOR** berhak melakukan Audit di Waktu tertentu kepada rekanan Penyedia Barang/Jasa, Proses pengaudit dilakukan oleh **ASET OPERATOR** didampingi tim Auditor yang ditunjuk **ASET OPERATOR**.

KETENTUAN MENYANGKUT LINGKUNGAN, KESEHATAN, DAN KESELAMATAN KERJA

1. STANDART KESELAMATAN UNTUK BAHAN BAHAN YANG BERACUN

- 1.1 Penyedia Barang/Jasa harus memberikan daftar data keselamatan material - material (MSDS) untuk seluruh *chemical*, pelumas, lem, cairan, pembersih dan bahan bahan lainnya yang berpotensi beracun yang rekanan akan gunakan dalam pelaksanaan pekerjaan.
- 1.2 Penyedia Barang/Jasa harus mengikuti syarat - syarat untuk penyimpanan, penanganan dan pembuangan material termasuk syarat - syarat untuk Peralatan Perlindungan Personal dan peralatan Pernafasan (RPE) yang ditentukan oleh **ASET OPERATOR**.
- 1.3 Setiap Material yang mengandung zat - zat yang berpotensi beracun yang ada di *Site* yang tidak sesuai dengan persyaratan MSDS dan belum disetujui oleh **ASET OPERATOR**, harus segera dihilangkan atau dipindahkan dari *site* oleh Penyedia Barang/Jasa sampai persetujuan tersebut diperoleh.

2. PURCHASE REQUISITION JASA/SERVICE

- 2.1 Dokumen Analisa Kerja Aman (*Job Safety Analysis / JSA*) atau dokumen identifikasi bahaya lainnya yang terkait dengan Jasa.
- 2.2 Prosedur kerja aman / instruksi kerja dan/atau dokumen EHS lainnya yang terkait dengan Jasa.
- 2.3 Surat keterangan sehat dari dokter untuk personel yang terkait dengan jasa.
- 2.4 Foto *copy* Sertifikat kompetensi untuk personel yang terkait dengan jasa.
- 2.5 Foto *copy* Sertifikat Kelayakan atas Peralatan Angkat dan Angkut yang masih "**VALID**" yang terkait dengan Jasa.
- 2.6 Foto *copy* Surat Keterangan Catatan Kepolisian (SKCK) dan kartu identitas (Kartu Tanda Penduduk/KTP atau Paspor) masih berlaku untuk lampiran Formulir *Request ID Card*.
- 2.7 Foto *copy* Surat Ijin Mengemudi (SIM) yang masih berlaku untuk pengemudi mobil perusahaan untuk lampiran formulir "*Vehicle Gate Pass Request*".
- 2.8 Foto *copy* surat KIR yang masih berlaku untuk kendaraan operasional kategori tertentu untuk lampiran formulir "*Vehicle Gate Pass Request*".
- 2.9 Surat pernyataan dari Manajemen perusahaan bahwa akan mematuhi peraturan perundangan terkait dengan Lingkungan dan
- 2.10 Keselamatan, Kesehatan Kerja (LK3), salah satunya seperti berikut :
 - 2.10.1 Menyediakan Alat Pelindung Diri (APD) untuk seluruh karyawan yang standard dan sesuai
 - 2.10.2 Bertanggung jawab atas limbah/sampah yang dihasilkan oleh pekerjaan jasa tersebut serta selalu menjaga kerapian dan kebersihan area kerja.
 - 2.10.3 Membuat "Surat Pernyataan" bahwa perusahaan tidak mencemari lingkungan
 - 2.10.4 Melampirkan Sertifikat ISO 14001 dan Sertifikat PROPER yang dimiliki (apabila dipersyaratkan dalam RFQ & *Purchase Order/PO*)

3. PURCHASE REQUISITION BARANG

Menyediakan dokumen yang terkait dengan persyaratan Lingkungan, Keselamatan dan Kesehatan Kerja (LK3), seperti:

- 3.1 Lembar Data Keselamatan Bahan / LDKB (*Material Safety Data Sheet/MSDS*) untuk Bahan Beracun dan Berbahaya (B3), seperti: bahan kimia/resin/oli/grease/dll.
- 3.2 Petunjuk Pengoperasian secara aman (*Safety Operating Manual*) untuk peralatan/mesin/alat kerja/ dll.
- 3.3 Persyaratan penyimpanan serta penanganan secara manual.
- 3.4 Atau dokumen lainnya yang terkait dengan persyaratan dan perundangan Lingkungan, Keselamatan & Kesehatan Kerja (LK3).

4. KETENTUAN MENYANGKUT KETENAGA KERJAAN

Berikut persyaratan dari HRD yaitu sebagai berikut :

- 4.1 *Copy* sertifikat kepesertaan perusahaan di BPJS Ketenagakerjaan.
- 4.2 *Copy* kartu kepesertaan BPJS Ketenagakerjaan dari setiap karyawan yang dipekerjakan.
- 4.3 Ijin Operasional dari Disnaker Propinsi Jawa Tengah Cq. Disnaker Jepara Untuk pekerjaan yang di alih-daya kan (*Outsource*).
- 4.4 Surat Pemberitahuan ke Disnaker Jepara untuk pekerjaan jasa pemborongan.
- 4.5 *Copy* Perjanjian kerja antara perusahaan dengan masing-masing karyawan.

**DAFTAR PENERBIT JAMINAN TERSELEKSI
PENGADAAN BARANG/JASA DI LINGKUNGAN PT PLN (PERSERO)**

KLASIFIKASI	BATASAN NILAI KONTRAK	PENERBIT JAMINAN	BERLAKU SAMPAI DENGAN
I	TDAK ADA BATASAN NILAI KONTRAK	PT Bank Central Asia Tbk	30 Oktober 2028
		PT Bank Danamon Indonesia Tbk	30 Oktober 2028
		PT Bank Syariah Indonesia Tbk	30 Oktober 2028
		PT Bank Permata Tbk	30 Oktober 2028
		PT Bank SMBC Indonesia Tbk	30 Oktober 2028
		PT Bank OCBC NISP Tbk	30 Oktober 2028
		PT Bank UOB Indonesia	30 Oktober 2028
		PT Bank Rakyat Indonesia (Persero) Tbk	02 November 2028
		PT Bank Tabungan Negara (Persero) Tbk	12 Januari 2029
		PT Bank Mandiri (Persero) Tbk	26 Januari 2029
		PT Bank Negara Indonesia (Persero) Tbk	26 Januari 2029
II	NILAI KONTRAK ≤ Rp1 TRILIUN	Bank HSBC Indonesia	12 Januari 2029
		Lembaga Pembiayaan Ekspor Indonesia	13 Januari 2029
		PT Bank Maybank Indonesia Tbk	26 Januari 2029
III	NILAI KONTRAK ≤ Rp150 MILIAR	PT Bank ICBC Indonesia	30 Oktober 2028
		Bank Of China (Hongkong) Cabang Jakarta	30 Oktober 2028
		MUFG Bank Ltd Cabang Jakarta	30 Oktober 2028
		PT Bank KEB Hana Indonesia	12 Januari 2029

Jakarta, Januari 2026

PT PLN (PERSERO)

DIREKTUR KEUANGAN



SINTHYA ROESLY

1. BANK GARANSI - JAMINAN PENAWARAN

BANK GUARANTEE BID BOND

_____ [number]
_____ [places & dated]

To:

PT PLN (Persero)

_____ [address]

PT _____ [name of Guarantor], having its registered office at _____ [address] (hereinafter referred to as the "**Guarantor**"), hereby unconditionally and irrevocably issues this guarantee in favour of _____ [name of applicant] having its registered office at _____ [address] (hereinafter refer as the "**Principal**"), for the favour of **PT PLN (Persero)** having its registered office at _____ (hereinafter refer as the "**Beneficiary**"), for the payment of an amount not exceeding _____ (in words: _____), in the event that the Principal has failed to fulfill its obligations in accordance with the condition stated in the Bid Document _____ no _____ date _____ [Bid Document] ("**Bid Document**") for the Project of _____ [name of Project]. This guarantee also covers the Principal's failure to extend the validity period of this Bank Guarantee in accordance with the provisions of the Bid Document and/or as requested by the Beneficiary.

This Bank Guarantee is issued with the following provisions:

1. This Bank Guarantee shall be effective on and as of the date of _____ until _____ ("**Expiry Date**").

BANK GARANSI JAMINAN PENAWARAN

_____ [nomor]
_____ [tempat & tanggal]

Kepada:

PT PLN (Persero)

_____ [alamat]

PT _____ [nama Penerbit Jaminan] berkedudukan di _____ [alamat], (selanjutnya disebut "**Penerbit Jaminan**"), dengan ini secara tanpa syarat dan tidak dapat ditarik kembali (*irrevocably*) memberikan jaminan kepada _____ [nama Penyedia Barang/Jasa] yang beralamat di _____ (selanjutnya disebut "**Pihak Terjamin**"), untuk dan demi kepentingan PT PLN (Persero) yang beralamat di _____ (untuk selanjutnya disebut sebagai "**Penerima Jaminan**"), atas pembayaran sejumlah uang sebesar maksimum _____ (terbilang: _____), apabila Pihak Terjamin melakukan wanprestasi dan/atau gagal untuk memenuhi kewajibannya sebagaimana dinyatakan dalam Dokumen Penawaran _____ nomor _____ tanggal _____ [Dokumen Penawaran] ("**Dokumen Penawaran**") untuk _____ [nama proyek]. Jaminan ini juga mencakup kegagalan Pihak Terjamin dalam memperpanjang masa berlaku Bank Garansi ini sesuai dengan ketentuan dalam Dokumen Penawaran dan/atau permintaan dari Penerima Jaminan.

Bank Garansi ini diterbitkan dengan ketentuan-ketentuan sebagai berikut:

1. Bank Garansi ini berlaku efektif sejak tanggal _____ dan akan berakhir pada tanggal _____ ("**Tanggal Jatuh Tempo**").

- | | |
|--|--|
| <p>2. Claim Payment shall be made without requiring the consent of the Principal and shall be affected upon the Beneficiary's submission of a Claim Payment Demand Letter to the Guarantor, stating that the Principal has committed a breach and/or failed to fulfill its obligations. The Beneficiary shall include in such submission the amount claimed and enclose the original Bank Guarantee document together with the said demand letter. In the event that the Bank Guarantee document has been amended or modified, the Beneficiary may submit only the latest version of such amendment or modification.</p> | <p>2. Pembayaran Klaim dilakukan tanpa memerlukan persetujuan Pihak Terjamin, dan dilaksanakan setelah Penerima Jaminan menyampaikan Surat Pengajuan Pembayaran Klaim kepada Penerbit Jaminan yang menyatakan bahwa Pihak Terjamin telah melakukan tindakan wanprestasi/gagal memenuhi kewajibannya. Dalam pengajuan tersebut, Penerima Jaminan wajib mencantumkan jumlah pembayaran yang diminta untuk dibayarkan serta melampirkan dokumen asli Bank Garansi bersama dengan surat pengajuan dimaksud. Dalam hal terdapat perubahan atau amandemen terhadap dokumen Bank Garansi, Penerima Jaminan dapat melampirkan hanya dokumen perubahan atau amandemen terakhir.</p> |
| <p>3. The Claim Payment Request Letter submitted by the Beneficiary may be delivered either in physical form bearing a wet signature or in digital form bearing an electronic signature, in accordance with the applicable laws and regulations.</p> | <p>3. Surat Pengajuan Pembayaran Klaim yang disampaikan oleh Penerima Jaminan dapat disampaikan dalam bentuk fisik yang ditandatangani secara manual (tanda tangan basah) maupun dalam bentuk digital yang ditandatangani secara elektronik sesuai dengan ketentuan peraturan perundang-undangan yang berlaku.</p> |
| <p>4. The Claim Payment Request must be submitted no later than within fourteen (14) Business Days from the Expiry Date of the Bank Guarantee. In the event that such Expiry Date falls on a Public Holiday, the calculation of the fourteen (14) Business Days shall commence on the first Business Day following the said Public Holiday.</p> | <p>4. Permohonan Pembayaran Klaim harus diajukan paling lambat dalam jangka waktu 14 (empat belas) Hari Kerja terhitung sejak tanggal jatuh tempo Bank Garansi. Apabila tanggal jatuh tempo tersebut bertepatan dengan Hari Libur, maka perhitungan jangka waktu 14 (empat belas) Hari Kerja dimulai sejak Hari Kerja pertama setelah Hari Libur dimaksud.</p> |
| <p>5. The Claim Payment Demand Letter from the Beneficiary must be submitted in the Indonesian language and may be addressed to the Guarantor's head office or any of its branch offices.</p> | <p>5. Surat Pengajuan Pembayaran Klaim dari Penerima Jaminan harus disampaikan dalam Bahasa Indonesia dan dapat ditujukan ke kantor pusat atau kantor cabang manapun milik Penerbit Jaminan.</p> |
| <p>6. The Guarantor shall be obligated to make payment to the Beneficiary for the amount referred to above promptly and no later than</p> | <p>6. Penerbit Jaminan berkewajiban untuk melakukan pembayaran kepada Penerima Jaminan atas jumlah yang dimaksud di</p> |

fifteen (15) Calendar Days from the date of the Claim Payment Demand Letter submitted by the Beneficiary.

7. The Claim Payment shall be **final and unconditional**, and must be fulfilled notwithstanding any claims, objections, or requests made by the Principal or any other party.
8. The Claim Payment shall be made to the bank account designated by the Beneficiary in the Claim Payment Demand Letter, in full and without any deductions, and free and clear of any taxes, levies, charges, or other withholdings whether currently applicable or imposed in the future. Such bank account may be held with a bank other than the Guarantor's bank.
9. The Guarantor shall be obligated to submit written evidence of the Claim Payment to the Beneficiary no later than one (1) Business Day following the execution of the Claim Payment, in the form of a copy of the transfer receipt or a valid payment instruction issued by the executing bank.
10. The Bank Guarantee shall terminate upon the occurrence of any of the following events, whichever occurs first:
 - a. On Expiry Date;
 - b. When there is no remaining amount payable under the Bank Guarantee; or
 - c. When the Beneficiary expressly releases the Guarantor in writing from all obligations arising under this Bank Guarantee.
11. The Beneficiary shall be entitled to make a demand for Claim Payment for an amount less than the total amount stated in the Bank Guarantee (partial demand), and may also

atas, segera dan selambat-lambatnya dalam jangka waktu 15 (lima belas) Hari Kalender terhitung sejak tanggal Surat Pengajuan Pembayaran Klaim yang diajukan oleh Penerima Jaminan.

7. Pembayaran Klaim adalah bersifat **final dan tanpa syarat (*unconditional*)**, serta tetap wajib dilaksanakan meskipun terdapat tuntutan, keberatan, atau permohonan dari Pihak Terjamin maupun dari pihak lain manapun.
8. Pembayaran Klaim dilakukan ke rekening bank yang ditetapkan oleh Penerima Jaminan pada Surat Pengajuan Pembayaran Klaim, secara penuh dan tanpa potongan, serta bebas dari segala bentuk pajak, pungutan, biaya, atau pemotongan lainnya baik yang berlaku saat ini maupun di kemudian hari. Rekening bank dimaksud dapat berada pada bank yang berbeda dengan Penerbit Jaminan.
9. Penerbit Jaminan wajib menyampaikan bukti Pembayaran Klaim secara tertulis kepada Penerima Jaminan paling lambat 1 (satu) Hari Kerja setelah pelaksanaan Pembayaran Klaim, berupa salinan bukti transfer atau instruksi pembayaran yang sah dari Bank Pelaksana.
10. Bank Garansi akan berakhir pada saat terjadi salah satu dari keadaan berikut, manapun yang terjadi lebih dahulu:
 - a. Pada Tanggal Jatuh Tempo;
 - b. Apabila tidak terdapat lagi sisa nilai yang dapat dibayarkan berdasarkan Bank Garansi; atau
 - c. Apabila Penerima Jaminan secara tertulis membebaskan Penerbit Jaminan dari seluruh kewajiban yang timbul berdasarkan Bank Garansi ini.
11. Penerima Jaminan berhak mengajukan Pembayaran Klaim dengan nilai yang lebih rendah dari nilai nominal yang tercantum dalam Bank Garansi (*partial demand*),

submit more than one Claim Payment demand (multiple demand).

12. This Bank Guarantee is non-transferable and/or cannot be transferred to another party.

13. This Bank Guarantee cannot be amended, revoked, terminated, or cancelled unless such action has been approved by Beneficiary in written consent or as expressly required by the Beneficiary to the Principal.

14. Any and all expenses arising from the issuance of this Bank Guarantee, including those associated with any extension and/or amendment thereof (if applicable), shall be the sole responsibility of the Principal.

15. With reference to Article 1832 of Indonesian Civil Code (Kitab Undang-Undang Hukum Perdata), the Guarantor hereby relinquish/waives its privileges/rights granted by law to claim/demand on asset belonging to the Principal and/or bound as collateral be confiscated, seized or sold in advance for the discharge of Principal debts as stipulated under Article 1831 of Indonesian Civil Code.

16. This Bank Guarantee shall be governed by and construed in accordance with laws and regulations applicable in Indonesia.

17. In relation to the enforcement of this Bank Guarantee and all legal consequences arising therefrom, the Guarantor hereby elects the Court of _____ [*domicile of court*] as general and permanent domicile.

18. Any term in this Bank Guarantee that begins with a capital letter shall have the meaning assigned to it under the Cooperation

maupun mengajukan lebih dari satu kali permintaan Pembayaran Klaim (*multiple demand*).

12. Bank Garansi ini tidak dapat dipindahtangankan dan/atau dijaminan kepada pihak lain (*non-transferable*).

13. Bank Garansi ini tidak dapat diubah, dicabut, diakhiri, ataupun dibatalkan kecuali jika hal tersebut disetujui oleh Penerima Jaminan melalui persetujuan tertulis atau secara tegas dimintakan oleh Penerima Jaminan kepada Pihak Terjamin.

14. Seluruh biaya yang timbul sehubungan dengan penerbitan Bank Garansi ini, termasuk biaya yang berkaitan dengan perpanjangan dan/atau perubahan atas Bank Garansi (jika ada), sepenuhnya menjadi tanggung jawab Pihak Terjamin.

15. Dengan mengacu pada Pasal 1832 Kitab Undang-Undang Hukum Perdata, Penerbit Jaminan dengan ini melepaskan hak-hak istimewanya yang diberikan oleh undang-undang sebagaimana dimaksud dalam Pasal 1831 Kitab Undang-Undang Hukum Perdata untuk menuntut supaya benda-benda milik Pihak Terjamin dan/atau yang diikat sebagai jaminan lebih dahulu disita dan dijual untuk melunasi hutang Pihak Terjamin.

16. Bank Garansi ini diatur oleh dan ditafsirkan berdasarkan peraturan perundang-undangan yang berlaku di Negara Republik Indonesia.

17. Untuk tujuan Bank Garansi ini dan segala akibat hukumnya, Penerbit Jaminan memilih domisili yang tetap di Kantor Panitera Pengadilan Negeri _____ [*domisili pengadilan*].

18. Seluruh istilah dalam Bank Garansi ini yang ditulis dengan diawali huruf kapital memiliki pengertian sebagaimana

Agreement between the Beneficiary and the Guarantor concerning the Issuance of Guarantees for the Procurement of Goods/Services within PT PLN (Persero).

ditetapkan dalam Perjanjian Kerja Sama antara Penerima Jaminan dan Penerbit Jaminan perihal Penerbitan Jaminan Pengadaan Barang/Jasa di Lingkungan PT PLN (Persero).

19. This Bank Guarantee is made in both the Indonesian and English languages. The two versions of this Bank Guarantee shall not be construed as separate documents and, when executed together, shall be deemed one and the same instrument. In the event of any conflict or inconsistency between the English version and the Indonesian version of this Bank Guarantee, the Indonesian version shall prevail.

19. Bank Garansi ini dibuat dalam Bahasa Indonesia dan Bahasa Inggris. Dua versi dari Bank Garansi ini tidak dapat ditafsirkan sebagai dokumen terpisah, dan ketika ditandatangani bersama, harus dianggap satu dan merupakan instrumen yang sama. Dalam hal terdapat konflik atau ketidaksesuaian antara versi Bahasa Inggris dan versi Bahasa Indonesia atas Bank Garansi ini, maka versi Bahasa Indonesia akan berlaku.

Accordingly, this Bank Guarantee is issued by the Guarantor on _____ to be used as appropriate in accordance with the purpose of its issuance.

Demikian Bank Garansi ini diterbitkan oleh Penerbit Jaminan pada tanggal _____ untuk digunakan sebagaimana mestinya sesuai dengan tujuan penerbitannya.

_____ [place/tempat], _____ [dated/tanggal]

PT _____ [name of Guarantor/nama Penerbit Jaminan]

[Guarantor Stamp/Stempel Penerbit Jaminan]

_____ [authorized signatory/tandatangan pejabat yang berwenang]

Lampiran Point 3, Hasil Pembahasan

KATEGORI SERTIFIKAT

No	Sertifikat Original	Sertifikat Elektronik (harus bisa di-trace)	Independent Lab Test
1	Tanda tangan, cap, atau label asli yang jelas dari penerbit dokumen	Barcode	Copy/ original
2	Ditulis, diketik, dicap oleh tangan penerbit dokumen, atau menyatakan bahwa itu asli	Digital sign	
3	Tanda tangan asli (basah), dengan cap/stempel perusahaan " <i>printed</i> "	Signature electronic/ digital sign	
4	Tanda tangan " <i>printed</i> ", dengan cap/stempel perusahaan asli (basah)	Tanda Tangan print, stamp print, ada link tracing	
5	Tanda tangan " <i>printed</i> ", stamp " <i>printed</i> ", cap/stempel perusahaan original asli (basah)		
6	Tanda tangan asli, stamp asli, tapi ada redaksi sertifikat copy (duplciate, triplicate dst)		
7	Tanda tangan dengan stamp basah dan perforated (lubang-lubang kecil) nomer seri		
8	Tanda tangan asli		

URGENT

DOCUMENT PROCUREMENT
RFQ No. XXXX

NAMA PERUSAHAAN :

ALAMAT / TELP. :

SUBJECT / NO. RFQ :

WAKTU CLOSE BID : (Hari, Tgl/Bln/Thn) JAM 11.00 WIB

To : **Mohammad Azka**

PT. Komipo Pembangkitan Jawa Bali (KPJB)

PLTU Tanjung Jati B Unit 3 & 4

Ds Tubanan, Kec Kembang,

Kab Jebara, 59453 Jawa Tengah

Telp : 0291-4270493