



NATIONAL POWER CORPORATION

SUPPLEMENTAL /BID BULLETIN NO. 2
to the Bid Documents for the:

SUPPLY AND DELIVERY OF SPARE CIRCUIT BREAKER FOR 2 UNITS OF ANGLO BELGIAN CORPORATION GENERATING SET OF TORRIJOS DPP UNDER PR NO. S1-TOR24-002/REF NO. PB240528-JD00252

05 JUNE 2024

All prospective bidders and authorized copyholders of the Bid Documents of the above-mentioned project are hereby informed of the following changes:

A. BID SUBMISSION/OPENING

FROM	TO
<i>POSTPONED UNTIL FURTHER NOTICE</i>	13 June 2024 9:30 A.M. Kaňao Function Room

B. CONTACT PERSON

OCTAVEN G. HERRERA – Plant Head, Torrijos DPP Cell No. 0908-181-8683
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C. ATTACHMENT 1

- SECTION VI – PART I, TECHNICAL SPECIFICATIONS – (TS-2.0 SCOPE OF WORKS)**
- SECTION VI - PART II, TECHNICAL DATA SHEETS - (1.0 SPARE PARTS DATA)**
- SECTION VII – SCHEDULE OF REQUIREMENTS**

FROM	TO
DESCRIPTION	
BREAKER, SF6 Circuit Breaker up to 40.5KV, 12KV Rated Voltage, 50/60hz Frequency, 630A Rated Current, 250mm Phase to Phase, Class C2 Capacitive current breaking capacity, Rated switching sequence O-3min-CO-3min-CO, O-0.3s-CO-3min-CO, O-0.3s-CO-15s-CO	SF6 Circuit Breaker



NATIONAL POWER CORPORATION

Gabriel Y. Itchon Building
Senator Miriam P. Defensor-Santiago Avenue (formerly BIR Road)
corner Quezon Avenue, Diliman, Quezon City 1100, Philippines
Tel. Nos. (632) 8921-3541 to 80 • Fax No. (632) 8921-2468
Website: www.napocor.gov.ph



ON

Schneider
Electric

SF1
Ur : 7.2 Kv
Up : 60 Kv
Ir : 630 A
Isc : 20 K A tk : 1s
Ic : 52 K A

0
OFF

Seq : 0-0.3s-C0-3mn-C0

Fr : 50/60Hz

E2 C2 M2

SF6 : 0.147Kg

Contains fluorinated greenhouse gases
covered by Kyoto protocol

IEC 62271-100 Ed1 1.1 2003-05

00891021FD



Serial number

S1Z2120011

00891021FD

Motor Voltage : 24 Vdc

YF : 24 Vdc

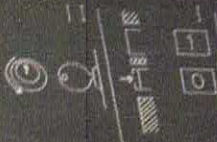
Y01 : 24 Vdc

Y02 : Vdc

YD : Vdc

Ym : 24 Vdc

Diagram N° : 88946002-01





**S1-TOR24-002: CIRCUIT BREAKER
TECHNICAL SPECIFICATIONS**

Item	Description	NPC Requirements	Suppliers Data
1	MEDIUM VOLTAGE CIRCUIT BREAKER		
	Quantity	1	
	Rated Voltage, kV	7.2	
	Rated Operating Voltage, kV	4.16	
	Manufacturer	By Supplier	
	Place of Manufacturer	By Supplier	
	Rated Frequency, Hz	60	
	Rated Power Frequency Withstand Voltage, kV	20	
	Rated Lightning Impulse Withstand Voltage, kV	60	
	Rated Short-time Withstand Current, kA	20	
	Rated Peak Current, kA	52	
	Rated Current Busbar, A	630	
	Type	Indoor	
	Type of Circuit Breaker	SF6	
	Operating Mechanism	Electric	
	Type of Installation	Withdrawable	
	Degree of Protection	IP 3x	
	Internal Arc Protection		
	a. Arc Test Current, kA	12.5	
	b. Arc Test Current Duration, s	1	
	c. Exhaust Gases	Bottom	
	Standard and Regulations	IEC	
	Local Control and Signal Language	English	
	Charged / Discharged Indicator	IEC: White - Yellow	
	Opened / Closed Circuit Breaker Indicator	IEC: Black - White	
	Push Button Close and Trip	IEC: Red - Black	
	Switching Sequence	O-0.3 s-CO-3 min-CO	
	Cable Entry	Bottom	
	Size to fit with existing cubicle with the following dimensions		
	a. Total Width of Switch Board Section, mm	2689	
	b. Cubicle Height max., mm	2050	
	c. Panel Depth max., mm	1230	