

TECHNICAL ENQUIRY | Complete available information. Use N/A where not applicable; attach drawings and specifications. Requirements are subject to technical review and agreement.

PROJECT & CONTACT

Company / organisation

Contact name

Contact email

Project reference / equipment tag

Preferred series / model, if known

Installation country and site

Quantity

Required delivery date and destination

ELECTRICAL DESIGN

Transformer type / series: oil-immersed, SG, SC/SCB13, SGBH19, SCBH, S(B)H-M, SRN or special application

Rated power (kVA / MVA), number of phases and duty

Rated frequency (Hz)

SKY MATRIX

PTE. LTD. | SINGAPORE | UEN 202104263R

Power & distribution transformers

Rated HV / LV / tertiary voltages (kV)

Highest voltage for equipment and insulation / impulse levels

Vector group and neutral earthing arrangement

Short-circuit impedance (%), reference rating and tolerance

System fault level / short-circuit withstand requirements

Tap changer: OLTC / off-circuit, winding, range and steps

Parallel operation: existing unit ratings and impedance

No-load / load loss limits, reference temperature and efficiency requirements

CONSTRUCTION & ENVIRONMENT

Cooling designation and ratings for each cooling stage

Temperature rise limits and insulation / thermal class

Insulating liquid, preservation system or dry insulation type

Bushings, cable boxes, bus ducts and terminal arrangement

Power & distribution transformers

Protection, gauges, monitoring, marshalling box and auxiliary voltages

Indoor/outdoor, ambient temperature (C), altitude (m), pollution / corrosion

Sound limit, measurement conditions and distance

Installation, transport and mass limits; layout / foundation

Fire safety, bunding and special environmental requirements

TESTS & SUPPLY

Applicable standards and purchaser specification

Routine, type and special tests; witness requirements

Spares, accessories, transport, installation and commissioning scope

Single-line diagram, technical specification, site layout and tender documents

Other requirements / acceptable deviations