Schedule B1

GUARANTEED PARTICULARS

COMPLETE SWITCHBOARD

Serial No.	Description	Units	
1.	Rated Voltage	kV	
2.	Impulse test voltage 1,2/50µs	kV	
3.	Rated short time current - I_{SC}	kA 1 sec	
4.	Electrodynamic withstand	kA peak	
5.	Type of busbars (copper/aluminium)		
6.	Are busbars insulated?	Yes/No	
7.	Busbar Rating	A	
8.	Degree of Protection	IP	
9.	Colour of switchboard		
10.	Dimensions of assembled switchboard:- (i) Length (ii) Depth (iii) Height	 mm mm mm	
11.	Reference of IEC standards to which switchboard complies with		

Name of Client/ Supplier: _____

Contact Person: _____ Phone No: _____

Signature of authorised signatory: _____

Name of authorised signatory: _____

Position of authorised signatory: _____

Date: _____ Company Seal (Mandatory)

Schedule B2

GUARANTEED PARTICULARS
INCOMING FEEDER PANEL

Serial No.	Description	Units	
1.	Rated Voltage	kV	
2.	Rated Current	A	
3.	Rated short time current	Isc [kA(rms)]	
4.	Making Capacity	kA peak	
5.	Arc quenching medium e.g. SF_6/ Vacuum	To specify	
6.	Is double or single break?	To specify	
7.	Type of operating mechanism (motorised spring charged)	Yes/No	
8.	Minimum clearance: (a) Between phases (b) Live part to earth	 mm mm	
9.	Type of design contacts: (a) Movable contacts (b) Fixed contacts	To specify	
10.	Type of metal used for contacts: (a) Movable contacts (b) Fixed contacts	To specify	
11.	Padlocking facility to allow locking of disconnector and earth switch in close/open positions independently	Yes/No	
12.	Are all signals required as per schedule A3 being provided?	Yes/No	
13.	Does load break switch disconnector have both local and remote mode of operations?	Yes/ No	

Name of Client/ Supplier: _____

Contact Person: _____ Phone No: _____

Signature of authorised signatory: _____

Name of authorised signatory: _____

Position of authorised signatory: _____

Date: _____ Company Seal (Mandatory)

Schedule B3

GUARANTEED PARTICULARS
VOLTAGE TRANSFORMER PANEL

Serial No.	Description	Units		
1.	Rated Voltage	kV		
2.	Rated Current	A		
3.	Type of Disconnector	To specify		
4.	Type of operating mechanism of Disconnector	To specify		
5.	Standard of HRC fuse links	To specify		
6.	Voltage Transformer:- (a) Number of units installed (b) Type (c) Model/Make			
			Metering core	Protection core
	(d) Burden (e) Rated primary voltage (f) Rated secondary voltage (g) Accuracy class (h) Transformation ratio (i) Rated thermal output	VA kV V VA		
7.	Padlocking facility to allow locking of disconnector and earth switch in close/open positions independently	Yes/No		

Name of Client/ Supplier: _____

Contact Person: _____ Phone No: _____

Signature of authorised signatory: _____

Name of authorised signatory: _____

Position of authorised signatory: _____

Date: Company Seal (Mandatory)
Company Seal (Mandatory)

Schedule B4

GUARANTEED PARTICULARS
CIRCUIT BREAKER PANEL

S. No.	Description	Units	
1.	Rated Voltage	kV	
2.	Rated Current	A	
3.	Rated short time current	I_{SC} [kA(rms)]	
4.	Making Capacity	kA peak	
5.	Arc quenching medium e.g. SF_6/ Vacuum	To specify	
6.	Is double or single break?	To specify	
7.	Type of operating mechanism (manual spring charged; manual)	To specify	
8.	Minimum clearance:- (a) Between phases (b) Live part to earth	 mm mm	
9.	Type of design contacts:- (a) Movable contacts (b) Fixed contacts		
10.	Type of metal used for contacts:- (a) Movable contacts (b) Fixed contacts	To specify	
11.	Padlocking facility to allow locking of disconnector and earth switch in close/open positions independently	Yes/No	
12.	Current Transformer:- (a) No. of CT provided (b) Type (c) Model/Make (d) Burden for protection (e) Burden for metering (f) Accuracy class for protection (g) Accuracy class for metering (h) Rated primary current (i) Rated secondary current (j) No. of primaries	 VA VA A A	
13.	Does CEB Circuit Breaker have both local and remote mode of operations?	Yes/ No	
14.	Are all signals required as per schedule A3 being provided?	Yes/No	
15.	Has interlocking/ inter-tripping feature been provided between CEB Circuit Breaker and all Client Circuit Breakers	Yes/ No	

Name of Client/ Supplier: _____

Contact Person: _____ Phone No: _____

Signature of authorised signatory: _____

Name of authorised signatory: _____

Position of authorised signatory: _____

Date: Company Seal (Mandatory)

Schedule B5

GUARANTEED PARTICULARS
OUTDOOR DISTRIBUTION TRANSFORMERS

S. No.	Description	Units	Proposed Item(s)
1.	Continuous maximum rating (CMR) at rated voltage with ONAN cooling	kVA	
2.	Is transformer totally oil-filled with no gas cushion?	Yes/No	
3.	Current rating – Amps H.V L.V	 A A	
4.	Winding connection Vector Group Symbol		
5.	Impedance Voltage	%	
6.	Normal ratio of transformation at no load		
7.	Total range of variation of transformation ratio	±%	
8.	Size of steps	%	
9.	Tappings on H.V. winding	Yes/No	
10.	Regulation at 75°C and at full load as percentage of normal voltage (a) At unity p.f. (b) At 0.8 p.f. lagging	 % %	
11.	Fixed losses at normal ratio and 75°C	kW	
12.	Load losses at normal ratio and 75°C at full rated power	kW	
13.	Ratio on Inrush Current to Primary Current at 0.3 sec after energising transformer		
14.	Efficiency at normal ratio and 75°C at: (a) Rated power at unity power factor (b) Rated power at 0.8 power factor (c) Natural circulation rating	 % % %	
15.	Winding temperature:- Hottest spot temperature at full rated power (assuming an air temperature at 32°C approx.)	°C	

S. No.	Description	Units	Proposed Item(s)
16.	Maximum observable top oil temperature at:- (a) Full rated power (assuming an air temperature at 32°C) approx. (b) Natural circulation rating (assuming an air temperature 32°C) approx.	 ºC ºC	
17.	Calculated ONAN thermal time constant	Hrs	
18.	Type of transformer – shell or core		
19.	Type of core joint - butt or mitred		
20.	Type of core sheet - cold rolled or hot rolled		
21.	Maximum current density in windings:- H.V. L.V.	 kA/sq.m kA/sq.m	
22.	Whether special surge protection is provided in conjunction with modified end-turn reinforcement	Yes/No	
23.	Type of axial coil supports:- (a) H.V. winding (b) L.V. winding		
24.	Type of radial coil supports:- (a) H.V. winding (b) L.V. winding		
25.	Can winding be removed for repairs?		
26.	Total quantity of oil required to fill complete transformer		
27.	Standard specifications of oil used for filling transformer		
28.	Is transformer externally hot dip galvanised?	Yes/No	
29.	Required for each transformer:- (a) Weight of copper (W) (b) Weight of core sheets (c) Weight of all other ferrous parts	 kg kg kg	
30.	Approximate weight of core and winding assembly	 kg	

S. No.	Description	Units	Proposed Item(s)
31.	Total weight of transformer complete as in service	kg	
32.	Approximate dimensions of transformer incl. all fittings:- (a) Length (b) Breadth (c) Height	 mm mm mm	
33.	Windings:- (a) Type of winding - H.V. L.V (b) Wire size - H.V. L.V. (c) Type of wire insulation (d) Number of coils per winding (e) Number of turns per coil (f) Number of layers per coil (g) Number of turns per layer (h) Type of insulation between layers (i) Thickness of insulation between layers (j) Turn numbers in tapping coils (k) Total length of winding (l) Winding & clearances from yokes (m) Interphase winding clearance (n) Total weight of copper per phase (o) Limb diameter Limb length Limb centre distance (p) Top yoke clearance from tank cover (q) Whether tapping connection are of the crimped type?	 mm mm mm kg mm mm mm mm Yes/No	

Name of Client/ Supplier: _____

Contact Person: _____ Phone No: _____

Signature of authorised signatory: _____

Name of authorised signatory: _____

Position of authorised signatory: _____

Date: _____ Company Seal (Mandatory)

Schedule B6

GUARANTEED PARTICULARS

MINERAL INSULATING OIL FOR TRANSFORMERS

S. No.	Description	Units	Item(s)
1.	Sludge Value (max.)	%	
2.	Acidity after oxidisation (max.)	mg KOH/g	
3.	Flash point (closed) – min.	ºC	
4.	Viscosity:- (a) at 15ºC (max.) (b) at 20ºC (max.)	 mm²/s mm²/s	
5.	Pour point (max.)	ºC	
6.	Electric strength (breakdown) min. for oil received in Mauritius in drums	kV/mm	
7.	Acidity (neutralisation value) – max.	mg KOH/g	
8.	Corrosive sulphur		
9.	Water content (max.) for oil received in Mauritius in drums	p.p.m.	
10.	Density at 20ºC (max.)	g/ml	
11.	Loss tangent at 90ºC (max.)		
12.	Resistivity		
13.	Polycyclic aromatic content (IP 346)	%	
14.	Polychlorinated Biphenyls	(mg/kg)	
15.	Reference of standard specifications		
16.	Are any precautions to be taken in compliance with the EEC Dangerous Substance Directive 67/548/EEC?	Yes/No	

Name of Client/ Supplier: _____

Contact Person: _____ Phone No: _____

Signature of authorised signatory: _____

Name of authorised signatory: _____

Position of authorised signatory: _____

Date: _____ Company Seal (Mandatory)