

TECK GLOBAL	EQUIPMENT DATA SHEET		Reference Number	XXXX-SPE-001
			Revision	
	2.5 MVA Step Down Transformer			

Suppliers shall complete the Supplier Data column in accordance with the Notes column and the Notes description below as applicable

Note	Description					
1	With the price offer the Supplier shall provide preliminary transformer name plate details and dimensions, including drawings of similar units.					
Item	Rev	Title	Notes	Units	Project Design Data	Supplier Data
A1	A	Quantity		Ea	1	
A2	A	Applicable Standard		Text	AS/NZS 60076	
A3	A	Type		Text	Outdoor, Ground/Pad Mount	
A4	A	Rating	ONAN	MVA	2.5	
A5	A	Configuration	Windings	Text	2	
A6	A	Voltage - Primary		kV	33	
A7	A	Voltage - Secondary	Full Load	kV	0.415	
A8	A	Phases		Text	3	
A9	A	Frequency		Hz	50	
A10	A	Vector Group		Text	Dyn11	
A11	A	Cooling		Text	ONAN	
A12	A	Oil Type		Text	Mineral Oil	
A13	A	Winding Material		Text	Copper	
A14	A	Core Type		Text	Round	
A15	A	Insulation Class		Text	Vendor To Advise	
A16	A	Tap Changer	Off Load	Text	Yes	
A17	A	Tap Range		%	-5.0, -2.5, 0, +2.5, +5.0	
A18	A	Primary Connection	Terminals	Text	IEC Interface Type C	
A19	A	Secondary Connection	Terminals	Text	LV Cable Box, 6 x 630mm ² Per Phase	
A20	A	Neutral Size		Text	Full Size Neutral Bus & Bushing	
A21	A	Insulation Level (Primary)	BIL / AC Freq	kV	200 / 85	
A22	A	Insulation Level (Secondary)	BIL / AC Freq	kV	-	
A23	A	No Load Loss		kW	<= 1.2%	
A24	A	Full Load Loss		kW	Vendor To Advise	
A25	A	Design Ambient Temperature		°C	50	
A26	A	Maximum Winding Temperature Rise		°C	55	
A27	A	Maximum Oil Temperature Rise		°C	50	
A28	A	Impedance	ONAN	%	Client To Advise	
A29	A	Dimensions (Tank And Radiators)	LxWxH	mm	Client To Advise	
A30	A	Oil Temperature Indicator		Text	Yes with Alarm/Trip Contact	
A31	A	Winding Temperature Indicator		Text	Not Required	
A32	A	Oil Level Indicator		Text	Yes	
A33	A	Pressure Relief Valve		Text	Mechanical, Alarm/Trip Contact	
A34	A	Neutral CT		Text	Not Required	
A35	A	Routine Tests		Text	As per AS/NZS 60076	
A36	A	Paint Specification		Text	Vendor To Advise	
A37	A	Design Standard		Text	AS/NZS 60076	
A38	A	Instrument Cable Conduit		Text	PVC Covered Galvanised Steel Conduit	
A39	A	Instrument Cable Support		Text	Cable Rail Support, Stainless Steel Straps	
A39	A	Instrument Junction Box		Text	Wire all instrumentation to JB. 316SS with square key locks	
Rev	Comments		Date	Author	Checker	Approved
A	Issued for Information		10/01/2015	D. Ong	D. Zucaro	