

BILL OF QUANTITIES

Supply & Delivery of Membrane for Water Treatment Plant On An As and When Required Basis at Kusile Power Station

Material No	Component	Full Description	Unit	Lead Time	Quantity	Rate	Amount
N/A	N/A	Safety File	Once Off		1		

0644958	Primary Gas Transfer Membrane (GTM) Membranes	Filter, Fluid: Type: Gas Transfer Membrane; Filtering Media: Water; Material: Polypropylene; Filtering Element Quantity: 1; Design Type: Cyl; Model No: G533RP; X50 Fibre; Micron In/Out: 220/300µ; Dimensions: Dia 356mm x Lg 1.156m; 14x28 Liqui-Cel Membrane Contactor; Source Document Reference: SMC-0114-12-9024	No	70 Weeks	24		
0644959	Secondary Gas Transfer Membrane (GTM) Membranes	Filter, Fluid: Type: Gas Transfer Membrane; Filtering Media: Denim Water; Material: Polypropylene; Filtering Element Quantity: 1; Design Type: Cyl; Model No: G531RP; X40 Fibre; Micron In/Out: 200/300µ; Dimensions: Dia 356mm x Lg 1.156m; 14x28 Liqui-Cel Membrane Contactor; Source Document Reference: SMC-0114-12-9024	No	70 Weeks	90		
	Ultra Filtration (UF) Membranes Module & its accessories	Module type: ZW500D13-2, Module dimension (H x W x D) mm 2 198 x 844 x 49, Pore properties non-ionic and hydrophilic, Nominal surface area 40.9m², fiber diameter (outside/inside) 1.9mm/0.8mm, Flow path outside-in	No	78 Weeks	768		

KIT	ZW500D, V2.3-V2.9.0.6.1.64/60 DW13		No	78 Weeks	12		
	ASSY-AERTR, TUBE,PARTL,ZW500D,LF,LEFT		No	78 Weeks	12		
	ZW500D, Blank,400	This blank header kit is used when removing a module temporarily from service or when no module is installed. Kit includes top and bottom headers and the 4 required o-rings	No	78 Weeks	12		

GTM Advisory and Supervision of installation - (Min 10 Days and Max 15 Days)	NB: Detailed Price breakdown will be required	Sum		1		
GTM Process Assessment, QCP, Re-commissioning and Training	NB: Detailed Price breakdown will be required	Sum		1		
GTM Integrity Testing and Documentation Report	NB: Detailed Price breakdown will be required	Sum		1		

UF Advisory, Supervision of installation - (Min 10 Days and Max 15 Days)	NB: Detailed Price breakdown will be required	Sum		1		
UF Process Assessment, QCP, Re-commissioning and Training	NB: Detailed Price breakdown will be required	Sum		1		
UF Integrity Testing and Documentation Report	NB: Detailed Price breakdown will be required	Sum		1		

UF Modules storage at Kusile Power Station and insurance, Min of 2 Months and Max of 12 Months in a temperature controlled container/area		Months		12		
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TRANSPORTATION charges	Air-freight import to RSA including local transport to Eskom (Kusile Power Station). Transit time approximately 21 days	NB: Detailed Price breakdown will be required	Sum		1		Rand Only
	Sea-freight import to RSA including local transport to Eskom (Kusile Power Station). Transit time approximately 90 days	NB: Detailed Price breakdown will be required	Sum		1		

TOTAL COST (Excl VAT)
