



Water Treatment & Filtration

Equilibrium Water

PLEASE COMPLETE THE FORM AS FAR AS YOU CAN WITH THE INFORMATION YOU HAVE AVAILABLE
KNOWING WHAT INFORMATION IS MISSING BEFORE WE START IS AN IMPORTANT PART OF THE PROCESS.
THIS WILL ASSIST US IN DRAWING UP THE PROCESS PATH FOR YOUR PROJECT.

CLIENT PROFILE - REQUEST FOR QUOTATION (RFQ)

PROJECT SCOPE AND SITE EVALUATION

	Client	Address
Client name (Company Name)		
Contact person		
Project description		

CRITICAL INFORMATION SUMMARY

Water Source	
Sustainable yield of source	
Volume treated water required per day	
Quality requirement	
Intended end use	
Electrical supply (Single or 3 Phase)	

CLIENT RECOMMENDATIONS & REQUIREMENTS

Project Brief: (Give short project description touching on the below points) - Needs analyses of the client - Client requirements and expectations - What needs to be included in the quote	

Scope of works to be included in quote Please select any of the following. Use space to add more items that is not included that you would like us to quote for.	Items	EQW to include	Client to provide
	Water analyses		
	Water extraction from source		
	Connect and automate delivery of water source to treatment system		
	Supply tanks for treatment and storage		
	Install waste line to connect backwash and/or Reverse Osmosis to nearest sewer		
	Provide pressure pumps to supply water to point of use		
	Provide electrical supply at point of installation		
	Integrate treated water with point of use (plumbing connection)		

Water Supply Details Write the total in the first block and any specifications or specific requirements in the larger block next to it.	Required Information	Volume	Notes
	Volume required per day		
	Volume required per hour / sec		
	Peak time usage - Litres per hour / sec		
	Required delivery flow rate (Litres per hour / sec)		
	Required delivery pressure in Bar		
	Other - Specify		

WATER SOURCE & QUALITY DETAILS

Existing water source - applicable to the project Please select from the dropdown list in the adjacent green blocks. If there are more than one water source and these sources might be used in combination, please comment in the larger block to the right concerning the mixing ratio as well as the quality and age of each source.	Drop-down Menu - Water Source	Please Select	Notes
	Well point		
	Borehole		
	Natural stream, river or fountain		
	Large dam / Earth dam / Cement reservoir		
	Sea Water		

Water Availability & Sustainable yield Details about the water source is important as this can determine the sustainability of the alternative water use	Is the intended water source currently in use (Indicate frequency)	
	How much water is currently being pumped from it per day	
	What is the maximum capacity of the source (Litres per hour and per day)	
	In case of a borehole or well point - Has a proper yield test been conducted	
	How deep is the well point	
	Would the client like a quote for a yield test?	

Water Quality & Analytical Tests - Please select from dropdown lists in green blocks.	Has the water been analysed by a laboratory?		Who took the sample	
	Which lab was used		Date	
	Will a new analyses be required		Has a physical sample of the water be obtained for testing in-house	
	Observation - appearance of the water, surrounding areas of contact and equipment			
	Any other comments regarding the water appearance			



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CLIENT PROFILE - SCOPE AND SITE EVALUATION - CONTINUED -

Existing system hardware description - - Indicate if available for re-use	Pumps					
	Tanks (capacity, elevation, position)					
	Filters					
	Pipelines - (Size, position)					
	Other					
Please describe existing system process flow - with reference to the following points: - Extraction point from source to first tank - Filtration process - Clean water storage - Delivery to end use						
INTEGRATION OF NEW SYSTEM INTO END-USE						
Area allocated for new system	Size		Distance from extraction tie-in point		Distance from delivery tie-in point	
Description of area - (Inside building / Concrete bases / Ground sloped)						
Elevation observations & topography						
Integration into municipal supply	☐ Yes	☐ No	Distance from treatment plant		☐ Automatic switch-over required between supplies	☐ Manual switch-over required between supplies
Available amps & Breaker Size (1 or 3 phase etc.)	Single Phase					
	3-Phase					
Client recommendations / comments / requirements						
Any excavation requirements?						
RPZ Valve Supply & Installation						
Other						
ACCESSIBILITY FOR SYSTEM DELIVERY, PLACEMENT AND INSTALLATION						
<i>Please keep in mind that the treatment system and tanks will have to be delivered and positioned on site. Tank sizes vary from a diameter of 1250 - 2500mm and heights of 1500 - 3000mm.</i>						
<i>Skid framed systems vary in length with the average width and height normally in the region of 800 - 1000mm wide and 1800 - 2400mm high.</i>						
<i>Containerized system are about 2500mm wide and varies between 3m and 20m in length.</i>						
Accessibility: Are all work areas accessible by means of normal crane truck? <i>Note: Consider gates, fences, doors, corners, over-hangs</i>						
Any INDUCTION / HSE requirements / SAFETY Requirements						
Access to site - What are the working hours that the site can accommodate						
What assistance are available in the form of manual labour, Fork-lift, other hoisting equipment that we can request to assist us in off-loading and placement of system.						