

DATA SHEET

Information required for succesful installation of water purification plant
based on Environmental Friendly Patented System

First read the data sheet and make sure you have understood everything.
Then please send it back to the Water Research Laboratory representative.

It will be the base for making our final financial offer to you and of the eventual contract
between us.

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WATER TREATMENT PLANT ENQUIRY

**CLIENT
ADDRESS**

**ENG. NUMBER
QUOTATION
CLOSING DATE**

PHONE

FAX

CONTACT

PROJECT

REFERENCE

PLANT LOCATION

**QUOTATION T^B BUDGET
FILM**

(underline as appropriate)

A.) Raw water analysis (ATTACH RAW WATER ANALYSIS)

SOURCE

MAINS
RIVER
LAKE
BORE
SEA
OTHER

ANALYSIS

CATIONS

mg/l

Sodium
Magnesium
Potassium
Iron
Manganese
Strontium
Barium
Aluminium
Heavy metals

ANIONS

mg/l

Chloride
Sulphate
Silica
Bicarbonate
Carbonate
Hydroxide
Phosphate
Fluride

OTHER DATA

Conductivity

uS/cm

TDS

mg/L

pH

Alkalinity		mg/L as Ca CO ₃
Hardness		mg/L as Ca CO ₃
Turbidity		NTU
Suspended solids		mg/L
Colour		
SDI		
COD (Chemical Oxygen demand)	mg/l	Method of the determination
BOD (Biological Oxygen demand)	mg/l	

Water temperature range C

B.) Location where purified water is proposed to be used:

C.) Requirements from purified water:

specific electrical conductivity		uS/cm
organic material contents		mg/L
total salt contents (TDS)		mg/L
SiO ₂ content		mg/L
sterility		
other		mg/L

D.) Capacity

Flowrate required (m ³ /hr)		
Average:	Maximum:	
Operating period/day (hrs):	Remarks:	
Daily volume required (m ³):		

E.) Current water treatment

softening	Y/N	chlorination	Y/N
desalination	Y/N	ozonisation	Y/N
partial desalination	Y/N	prefiltration	Y/N
phosphate feeding	Y/N		

F.) Details of installation

Position:		
Dimensions of the machine room:		
Location of utilisation of permeate:		
Pressure required - altitude of transportation:		
Capacity for transportation:		
Junction points:		
Summary of related technology:		
Storage tank: available		not available
cubic capacity (m ³):		
fabrication material:		
measurements:		
level regulation:		

G.) Service available

Feedwater available (m ³ /hr):		
Pressure (kPa):		
Minimum:		Maximum:
Power supply: (V/pH/Hz)		
240/150		

415/50

Other (specify)

Compressed air: yes no Pressure (kPa)
Drainage available: yes no Max. flow:

Chemicals available on site:

H.) Site conditions

Location:

Indoors:

Outdoors:

Available area: Length: Width: Height:

Access limitations (m)

Ambient temperature C

Min:

Max:

I.) Operation requirements

Control system (y/n):

Manual

Auto

Timeclock

Meter

Other (specify)

J.) Storage tanks

Existing (y/n) Required (capacity - m3)

Raw water storage

Treated storage

Bulk chemical

Effluent storage

K.) Programme

Required operational mode (y/n):

Manual

Semi-automatic

Automatic

Expected date of order:

Delivery time required:

Expected installation date:

EVERY ORGANIC CONSTITUENT TO BE DETAILED IN THE ENQUIRY WITH A COMPLETE ANALYSIS

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Any Oils if any to be mentioned with quantity

***The design and the efficient working of the of the Process depends
in the Accuracy of the Inputs given By the USER***

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