

Ref :  
To,

Date:

Kind Att:  
Sub :

Dear Sir,

In this regard, we are submitting herewith our offer for following capacities:

The detailed offer is as per attached INDEX and ANNEXURES.

We hope that you will find the above in line with your requirement.

Kindly contact us for any further information / clarification require in this matter.  
We shall be glad to furnish the same.

Thanking you and anticipating a favourable reply.

Yours faithfully,

For, INDIAN ION EXCHANGE  
& CHEMICALS LTD.

DR. BHAVIN VYAS  
(TECH.DIRECTOR)

10/04/2012

# TECHNICAL SPECIFICATIONS

## 0A RAW WATER TANK = CLIENT SCOPE



Quantity : One No.  
Moc : PP/Constructed  
Capacity : 2000 LTR

## 0B RAW WATER PUMP = CLIENT SCOPE



Quantity : One No.  
Moc : Cast Iron  
Operating Flow Rate : 1.75 M<sup>3</sup>/Hr.

## 1 DUAL MEDIA FILTER (DMF)



### PROCESS

Physical Impurity Removal  
by Graded Filtrations

### RESULT

Removal of Physical Impurity  
from 250 micron to 50 micron

### TECHNICAL SPECIFICATIONS

Quantity offered : One Nos.  
Type : Down Flow  
Operating flow rate : 1.25 M<sup>3</sup>/Hr  
Operating Pressure : 2.5 Kg/cm<sup>2</sup>.  
Type of Media : Dual, Sand, Pebbles,  
Supporting Media : Gravels & Silex  
M.O.C. of Shell : S.S.R.L.

## 2 ANTHRACITE FILTER (AF)



### PROCESS

Adsorption + Absorption by  
Impregnated  
Anthracite Graded Filtrations

### RESULT

Removal of Physical Impurity  
From 50 to 30 micron Removal of  
Chemical Impurity  
Colour + Odour Removal of  
Biological Impurity

### TECHNICAL SPECIFICATIONS

Quantity offered : One Nos.  
Type : Down Flow  
Operating flow rate : 1.25 M<sup>3</sup>/Hr  
Operating Pressure : 2.5 Kg/cm<sup>2</sup>.  
Type of Media : Anthracite  
Supporting Media : Pebbles & gravels  
M.O.C. of Shell : S.S.R.L.

## 3 SOFTENER (SF)



### PROCESS

Exchange of Ions. Hard  
Ions (Ca, Mg) are Replaced by  
"Soft Ions (Na)" with the help of  
Ion Exchange Process

### RESULT

Chemical : Removal of Hardness  
to Less than 5 ppm  
Physical : Removal Impurities  
30 to 25 Micron

### TECHNICAL SPECIFICATIONS

Quantity offered : One Nos.  
Type : Down Flow  
Operating flow rate : 1.25 M<sup>3</sup>/Hr  
Operating Pressure : 2.5 Kg/cm<sup>2</sup>.  
Type of Media : Ion Exchange Resin  
M.O.C. of Shell : S.S.R.L.

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### PROCESS

Physical Impurity Removal  
by Graded Filtrations

### RESULT

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from 250 micron to 50 micron

### TECHNICAL SPECIFICATIONS

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Type : Down Flow  
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Operating Pressure : 2.5 Kg/cm<sup>2</sup>.  
Type of Media : Dual, Sand, Pebbles,  
Supporting Media : Gravels & Silex  
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Removal of Physical Impurity  
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