

# Proposal of Alkaline Water



Alkaline ionized  
water  
Product  
3000L/hour



OSG Corporation Co., Ltd.

**JASDAQ**

# Our Alkaline PET bottles in Asia

【Japan】  
「NISACO(佐渡海洋深層水)」

【China】  
「ALKAQUA」

Experience of Japan (major bottling maker)



【Taiwan】  
「台塩海洋鹼性離子水」

【Vietnam】  
「I-ON LIFE」



## 【Expansion】

Taiwan 5 machines + Dec 2014 expansion  
3 machines

Vietnam 1 machine + 2014 expansion 1 machine

# Preliminary calculation

【Capacity 1 machine】

Amount of water flow : Alkaline 3,000L/h

Time for continuous run: Max 23 hours

Max product: 69,000L

500ml bottle: max 138,000 bottle/day

【NDX-3000LMW】



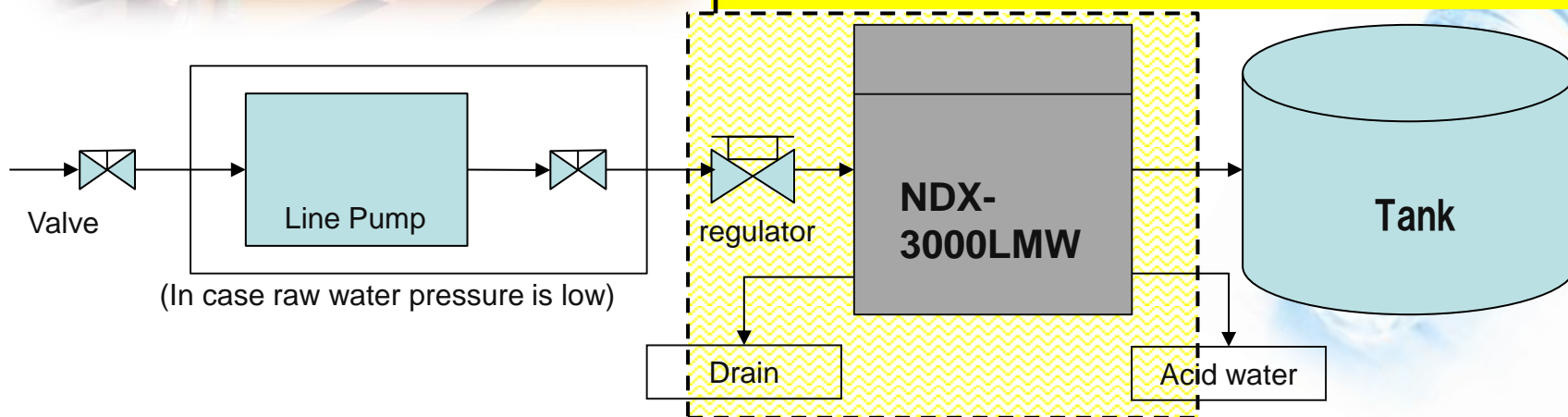
Price of NDX-3000LMW: JPY 10,000,000

Installation fee: fee depends on factory plan

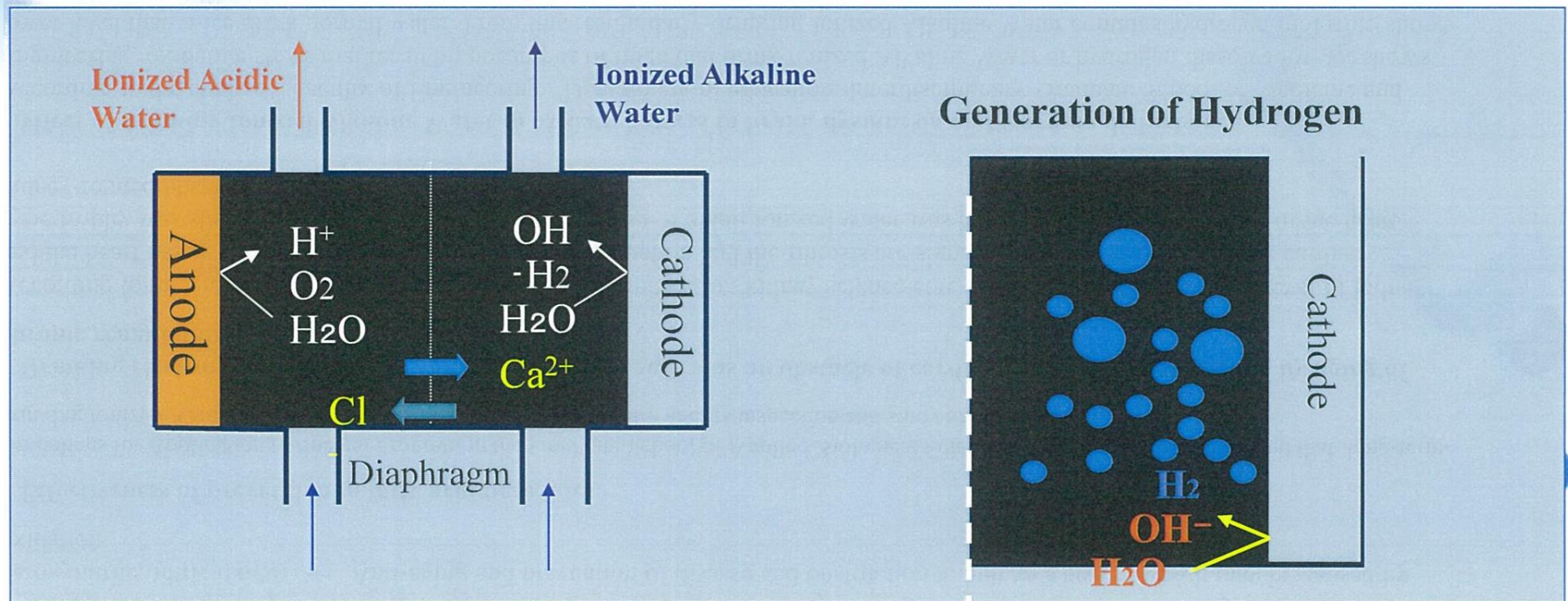
Additional fee: ① Travel expense

② Cost for Primary water supply and electric source works

③ Cost for connecting to secondary equipment



# Alkaline ionized water contains a rich hydrogen



Water is decomposed into hydrogen and hydroxide ion around the electrode when electrolyzing. Hydrogen ion is increased at cathode side and hydroxide ion is increased at the anode side. Receiving electron from electrode, hydrogen ion at the cathode side is changed into hydrogen. It is said that an increment of hydrogen ion at the cathode side causes the change like  $2H^+ + 2e^- \rightarrow H_2$ , leading to a rich hydrogen at cathode side.

