

(AN ISO 9001 : 2000 COMPANY) # 7-1-212/A/20, 2nd Floor, Plot No.35, Shivbagh Colony, Ameerpet, Hyderabad - 500 016.



Phone: 040-65545625, Telefax: 040-23737100,

E-mail: water@revolveengineers.com

REPL/MECA/0304/10-11/2

03rd April, 2010

M/S MODI PROPERTIES & INVESTMENTS LTD, HYDERABAD.

KIND ATTN: Mr. SRINIVAS RAO

Dear Sir,

Sub: Quotation for supply of 500 LPH Water Treatment System based on Reverse Osmosis Technology.

Ref: Personal Discussion Under signed had with your good selves.

We are in receipt of your valued enquiry and thank you for the same. Further we are pleased attach herewith our techno commercial proposal for your requirement of 500 LPH RO system.

- We have offered you world class Vertical Multistage Centrifugal Pumps from GRUNDFOS, DENMARK for the development of High pressure required for RO System.
- Our RO system is skid mounted and it is pre wired and pre tested before dispatch and hence the plant can be commissioned as soon as it reaches your site

OPERATION PHILOSOPHY OF 500 LPH CAPACITY REVERSE OSMOSIS SYSTEM

At **REPL** we take utmost care to design, any Water Treatment system, to give required outputs at all the times. At each stage of design we are taking minute details into consideration, which can optimize the system.

We are offering you following treatment steps for achieving required product water quality.

01. Pre-treatment Scheme

02. R.O. System

1.0 PRE-TREATMENT:

The Filter Feed Pump feeds the raw water through the **Pressure Sand filter** for the removal of Suspended Solids. The unit consists of quartz sand, pebbles, Gravels as media for the purpose. The unit should be backwashed in a day or whenever the pressure drop exceeds 0.8 Kg/cm2 whichever is earlier.

The water then passes through the ACTIVE CARBON FILTER to remove the Colour, odor etc., the unit consists of Granulated Active Carbon for the purpose.

The Water then passes through and Anti Scalent Dosing to remove the Hardness from the water. The system consists of Electronic Diaphragm Pump and a chemical tank.

Micron Cartridge Filter

We have provided **Micron Filter** unit, which removes fine suspended solids, which have escaped from upstream units. The unit can remove fine solids up to 5 μ , which if carried over can clog the R.O. membrane. The unit is fitted with special type of cartridge, which is having more dirt holding capacity compared to other standard type of cartridges. The cartridges are fitted in AEP housing.

2.0 R.O. SYSTEM:

For the development of High pressure required for RO System we have offered world class Vertical Multistage Centrifugal Pumps from GRUNDFOS, DENMARK.

The RO system comprises of R.O. membranes housed in **FRP** All interconnecting low-pressure shall be Extra Strong PVC and high pressure shall be Stainless Steel – SS304 ERW. Necessary instrumentation is provided to monitor the operation of the system.

Almost all components / equipment's of the R.O. Unit will be pre-engineered, pre-wired, pre-tested and ready for use after giving necessary interconnections. The RO block will be totally skid mounted. Each unit will be a product of high quality workmanship, skilled and experienced mechanical design.

AUTOMATION PHILOSOPHY:

We have designed the Reverse Osmosis plant for Semi Automatic operation. Safety interlocks are provided through Control Panel whereby the raw water pumps trip once the High-pressure pumps trip.

I.RAW WATER ANALYSIS:

We have designed the RO system based on the assumed Raw Water Quality as

Bore well water TDS = < 1000 PPM.

PRODUCT WATER QUALITY

TDS

<50 PPM

PH

6-7

TREATMENT SCHEME

The raw water shall be treated through the following Treatment Stages.

SR. NO	DESCRIPTION		
1.	FILTER FEED PUMP		
2	PRESSURE SAND FILTER		
3	ACTIVE CARBON FILTER		
4	ANTISCALENT DOSING SYSTEM		
5	MICRON CARTRIDGE FILTER		
6	HIGH PRESSURE PUMP		
7	REVERSE OSMOSIS SYSTEM		

SCOPE OF SUPPLY

1. FILTER FEED PUMP:

a) Capacity

2.0 m3/hr

b) Type

Centrifugal Monoblock

c) Pressure

3 kg/cm2

d) Make

Laxmi / CRI / Eq.

2. PRESSURE SAND FILTER

a) Capacity : 2.0 M3/hr b) MOC : FRP

b) MOC : FRP
c) Size : 300mm Dia x 1200mm Ht.
d) Valves : Manual Multi Port Valve

d) Valves : Manual Multi Port Valve e) Media : Pebbels, silex, fine sand,

f) Make : Pentair / Eq.

3. ACTIVE CARBON FILTER

a) Capacity : 2.0 M3/hr b) MOC : FRP

c) Size : 300mm Dia x 1200mm Ht. d) Valves : Manual Multi Port Valve

e) Media : Granular Carbon f) Make : Pentair / Eq.

4.ANTISCALENT DOSING SYSTEM

a) Capacity : 0 - 5 lph with manual

adjustment

b) Type : Electronic Diaphrgm Type

c) MOC : PI

d) Dosing tank Volume : 50 ltrs e) MOC of tank : HDPE f) Make : Aster / Eq.

5.MICRON CATRIDGE FILTER

a) Type : Standard b) Housing MOC : AEP

c) Filter size : 5u d) Filter Type : Spun/Wound PP

e) Qty : 1 No.

6.HIGH PRESSURE PUMP

a) Capacity : 2.0 m3/hr b) Type : Vertical Multi Stage Centrifgal

b) Type : Vertical Multi Stage Centrifgal c) Pressure : 8-9 kg/cm2

d) Make : GRUNDFOS DENMARK

e) Model : CHV 2-100 f) MOC wetted : SS 304

7.RO BLOCK

a) No. of Housings 2

4 - 250 - 1b) Size of Housing

c) MOC FRP

Pentair/ UKL /Eq. d) Make

e) No. of Membranes 4" f) Size

Hydronautics / Eq. h) Make

8. RO SKID

SS 304 a) MOC

9. CONTROL & INSTRUMENT PANEL

SS 304 a) MOC

b) TDS Meter 1 No.

Digital (By Hand Testing) i) Type

il) Make Reputed

c) Pressure Gauges

0 - 21 kg/cm 2i) Range

ii) Dial 2"

SS 304 iii) MOC

Button end diaphrgm with iv) Type

Glycerin filled case

2 No. V) Qty.

d) Flow Meters

ROTO METER i) Type

UKL/ REPUTED ii) Make

10. PIPING

UPVC Low pressure a)

Ball Valve c) Valves

SS 304 d) High Pressure

CLIENT TO PROVIDE THE FOLLOWING FOR PLANT OPERATION:

440 V AC ± 10, III phase, 50 Hz up to all drive 01. Power supply

220 V AC ± 10, I phase, 50 Hz up to panel. 02. Control supply

at inlet of Filter Feed Pump 03. Service Water

For testing of Water. 04. Lab Testing Facility -

05.

Free, as and when required. Labor

PRICE, COMMERCIAL TERMS & CONDITIONS

PRICE:

Our price for Design, Engineering, Supply and Supervision Erection & Commissioning of 500 LPH RO System as described in earlier Technical Annexure is Rs.1,80,000/- (Rupees One Lakh Eighty Thousand only).

PACKING & FORWARDING: 2 % Extra

TRANSPORTATION: Extra at actual. To your account.

TAXES: VAT 14.5 % Extra.

INSURANCE: Extra at actual. To your account.

SUPERVISION OF ERECTION AND COMMISSIONING CHARGES

Included in the Price.

PAYMENT TERMS:

40%Advance along with Purchase Order 50% Against Performa Invoice prior to dispatch

10% After Erection and commissioning of the plant.

VALIDITY: The offer is valid for 30 days.

DELIVERY:

We shall complete supply of Water Treatment Plant as mentioned in our technical specification within 2-3 weeks from the date of receipt of Purchase Order along with advance payment

GUARANTEE/WARRANTEE:

The equipment supplied of warrantee for any type of manufacture defect for a period of 18 months from the date of supply (or) for a period of 12 months from the date of commissioning or beneficial operation of plant.

We hope that our offer is in line with your requirements. Should you need any further clarifications please feel free to contact us.

THANKING YOU AND ANTICIPATING A FAVOURABLE REPLY.

YOURS FAITHFULLY, For **REVOLVE ENGINEERS PVT. LTD.**,

K NANDA REDDY 9848387550.

To MODI PROPERTIES <u>HYDERABAD.</u> Date: 03-04-2010

Dear Sir,

<u>Sub</u>: INDION Reverse Osmosis System 1000 LPH Lph-Reg.

With reference to the discussion we had, regarding your requirement of Reverse Osmosis system for drinking water usage at your site. Based on the information furnished by you, we are glad to submit our offer as under.

Design Basis

TDS : < 2500 PPM
HARDNESS : < 600 PPM
TURBIDITY : < 5 NTU
Oil & Grease : Nil
BOD & COD : Nil

Treated water quality

Ph : Around 7
Total dissolved solids : < 70 ppm
Bacteria and microbes : Removed
Turbidity : Nil
Appearance : Colorless

Scheme

NG series Sand Filter NG series Activated Carbon Filter CDS Reverse Osmosis system INDRO - 405

Raw water sump \rightarrow sand filter \rightarrow carbon filter \rightarrow CDS – 1 \rightarrow Reverse Osmosis system \rightarrow Treated water tank

NG series Sand Filter

Model : NGMF-20 M O C : FRP Max flow rate : 2000 Lph Max working pressure : 3.5 Kg/cm2 Min working pressure : 2 Kg/cm2

NG series Carbon Filter

: NGMA-20 Model : FRP M O C : 2000 Lph Max flow rate : 3.5 Kg/cm2 Max working pressure : 2 Kg/cm2 Min working pressure

CDS - 1 (Chemical Dosing System)

: Electronic Dosing Pump Type Dosing Pump : Electronic Diaphragm type

: High quality fabric rein forced EPDM M.O.C.

: 1.08 LPH Capacity of dosing Dosing Tank Capacity : 100 Ltrs. HDPE : 11 Watts Power Chemical : INDION 8111 Dosage : 2 PPM

INDION Reverse Osmosis system

Model INDRO - 405 Permeate flow 1000 Lph 30% - 40% Average recovery

High pressure pump type Multistage centrifugal

Max permissible TDS 2500 ppm Average TDS removal 90% Minimum feed pressure 1 Kg/cm2 Power supply 415V, 50Hz Drive motor

3HP / 2900 rpm

PRICE WITH GENERAL TERMS AND CONDITIONS

NGMF 20, NGMA 20, CDS - 1, INDRO-405 : Rs. 5,37,000/-

Prices

: Exclusive of Vat Tax

Payment terms

: 50% as advance along with P.O. 50% against pro-forma of dispatch

Order

: Should be placed in the name of our channel partners UNIQUE

ENTERPRISES.

Delivery

: In 6-8 weeks.

Validity

: Our offer is valid for 30 days from the date of this offer.

Warranty

: One year from the date of installation against any manufacturing

defects.

Schedule of exclusions

All civil works including platform, shed etc.

All electrical works.

All storage tanks/sumps.

Feed water pump.

All chemicals and consumables including the first charge.

Helpers at the time of installation.

Unloading of the material at site.

Transport charges from our office premises to your site.

Plumber / electrician at the time of installation.

All piping including inlet and outlet.

Thanking you and assuring you of our best attention at all times, we remain

Yours Sincerely, for UNIQUE ENTERPRISES

M. AMALA RAJESH

9866553694

To, MODI PROPERTIES, HYDERABAD. Date: 03/04/10

Sub: INDION Reverse Osmosis System 600 LPH Lph-Reg.

This has reference to the discussion we had with you on 26/6/09, regarding your requirement of Reverse Osmosis System for the purpose of Dialysis. Based on the information furnished by you , we are glad to submit our offer as under.

All the relevant details are supplied herin the offer as follows:

Annexure I : Design Basis

Annexure II :Scheme

Annexure III : Technical Specifications

Annexure IV: Price Sheet

Annexure V : Schedule of Exclusions

Hope you will find the offer inline with your requirement, In case of any further doubts or querries kindly let us know.

Looking forward to receive the order from your humble self.

With Warm Regards,

M. AMALA RAJESH Mob: 9866553694



ANNEXURE I:

Design Basis

TDS : < 2500 PPM
HARDNESS : < 600 PPM
TURBIDITY : < 5 NTU

Oil & Grease : Nil BOD & COD : Nil

Treated water quality

Ph : Around 7

Total dissolved solids : < 60 ppm Bacteria and microbes : Removed

Turbidity : Nil

Appearance : Colorless

ANNEXURE II:

Scheme

NG series Sand Filter NG series Activated Carbon Filter CDS - I Reverse Osmosis system INDRO – 403 UV-5

Process Flow

Raw water sump \rightarrow sand filter \rightarrow carbon filter \rightarrow CDS – 1 \rightarrow Reverse Osmosis system \rightarrow UV \rightarrow Treated water tank

Comparative Statement of 1000 ltrs & 500 ltrs R.O.Plants

SI.No	Name of the Supplier	Pump Brand	Capacity	Cost of RO Plant	VAT %	VAT Amount	Total	Transportation	Deliver time	Warranty	Installation	ka & Forw
. 1	Emmar Marketing	CRI/Pentair	1000 ltrs	261000	12.5	32625	293625	included	4 - 6 weeks	12 months		ing a roiw
		CRI/Pentai	500 ltrs	180000	12.5	22500	202500	included	4 - 6 weeks	12 months		
2	Ion Exchange/	Kirloskar/	1000 ltrs	537000	14.5	77865	614865	actuals	6-8 weeks	1 vear	10000	evtra
	Unique Enterprises	New Genera							1		10000	CATIC
			600 ltrs.	375000	14.5	54375	429375	actials	6 - 8 weeks	1 year	10000	extra

thousand.

ANNEXURE III:

NG series Sand Filter

Model : NGMF-20 ~

: FRP MOC Max flow rate : 2000 Lph

Max working pressure : 3.5 Kg/cm2

: 2 Kg/cm2 Min working pressure

NG series Carbon Filter

: NGMA-20 - New Generalian multiple

Model : FRP MOC

: 2000 Lph Max flow rate Max working pressure : 3.5 Kg/cm2

: 2 Kg/cm2 Min working pressure

CDS - 1 (Chemical Dosing System)

: Electronic Dosing Pump Type

: Electronic Diaphragm type Dosing Pump

: High quality fabric rein forced EPDM M.O.C.

: 1.08 LPH Capacity of dosing

: 100 Ltrs. HDPE Dosing Tank Capacity

: 11 Watts Power : INDION 8111 Chemical : 2 PPM Dosage

Reverse Osmosis system

INDRO - 403 Model

Permeate flow 600 Lph 30% - 40% Average recovery Max permissible TDS 2500 ppm

Average TDS removal 90%

Minimum feed pressure 1 Kg/cm2 Power supply 415 v

Drive motor 3.0 Hp / 2900 rpm

frinhalben,

ANNEXURE IV:

PRICE WITH GENERAL TERMS AND CONDITIONS

Price for supplying Water Treatment Plant(NGMF 20, NGMA 20, CDS - I, INDRO-403) shall be: Rs. 3,75,000/-(Three Lakhs and Seventy Five Thousand Only)

14.5%

Prices

: Exclusive of Vat Tax , Packing & Forwarding .- 2%

Transport

: At actual

Installation Charges

: 10,000/-

Payment terms

: 50% as advance along with P.O. 50% against pro-forma of dispatch

Order

: Should be Placed in the name of our Channel Partners M/S.

UNIQUE ENTERPRISES.

Delivery

: In 6-8 weeks.

Validity

: Our offer is valid for 30 days from the date of this offer.

Warranty

: One year from the date of installation against any manufacturing

defects.

ANNEXURE V:

Schedule of exclusions

All civil works including platform, shed etc.

All electrical works.

All storage tanks/sumps.

Feed water pump.

All chemicals and consumables including the first charge.

Helpers at the time of installation.

Unloading of the material at site.

Transport charges from our office premises to your site.

Plumber / electrician at the time of installation.

All piping including inlet and outlet.

Purchase

From:

<nanda@revolveengineers.com>

To:

<purchase@modiproperties.com>

Cc:

<bhaskar@revolveengineers.com>; com>;

<info@revolveengineers.com>

Sent: Attach: Saturday, April 03, 2010 2:46 PM

MODI PROPERTIES & INVESTMENTS LTD-01- 1000LPH- 03.04.2010.doc; Modi Properties & Investments Ltd-02-500LPH.doc

Subject: Modi Properties - RO Plants

Kind Attn: Mr. Sirnivas Rao

Dear Sir,

With reference to the telephonic discussions had with you. Please find enclosed herewith our techno commercial offer for RO Plants for your considerations.

Please feel free to contact us for any further details.

Kindly acknowledge the receipt of the same.

Thanks & Regards

K. Nanda Reddy 98483 87550

Revolve Engineers



(AN ISO 9001: 2000 COMPANY) # 7-1-212/A/20, 2nd Floor, Plot No.35, Shivbagh Colony, Ameerpet, Hyderabad - 500 016.



Phone: 040-65545625, Telefax: 040-23737100.

E-mail: water@revolveengineers.com

REPL/KNR/0304/10-11/1

03 th APRIL - 2010

M/s. MODI PROPERTIES & INVESTMENTS LTD HYDERABAD.

Kind Attnd: Mr. SRINIVAS RAO

Dear Sir,

Sub: Quotation for 1000 LPH Water Treatment System based on

Reverse Osmosis Technology.

Ref: Personal Visit and Discussion undersigned had with your good

selves.

We are in receipt of your valued enquiry and thank you for the same. Further we are pleased attach herewith our techno commercial proposal for your requirement of 1000 LPH RO system.

- We have offered you world class Vertical Multistage Centrifugal Pumps from GRUNDFOS, DENMARK for the development of High pressure required for RO System.
- Our RO system is skid mounted and it is pre wired and pre tested before dispatch and hence the plant can be commissioned as soon as it reaches your site.

OPERATION PHILOSOPHY OF 1000 LPH CAPACITY REVERSE OSMOSIS SYSTEM

At **REPL** we take utmost care to design, any Water Treatment system, to give required outputs at all the times. At each stage of design we are taking minute details into consideration, which can optimize the system.

We are offering you following treatment steps for achieving required product water quality.

01. Pre-treatment Scheme

02. R.O. System.

1.0 PRE-TREATMENT:

The water from the Filter feed pump enters the Pressure sand Filter suitably designed to remove the suspended solids from the water and then passes through the Active Carbon Filters to remove the Colour and Smell if any from the Water. The PSF and ACF consists of FRP tank, Multiport valve and Sand and Carbon as Media.

The Water then passes through and Anti Scalent Dosing to remove the Hardness from the water. The system consists of Electronic Diaphragm Pump and a chemical tank.

Micron Cartridge Filter

We have provided **Micron Filter** unit, which removes fine suspended solids, which have escaped from upstream units. The unit can remove fine solids up to 5 μ , which if carried over can clog the R.O. membrane. The unit is fitted with special type of cartridge, which is having more dirt holding capacity compared to other standard type of cartridges. The cartridges are fitted in AEP housing.

2.0 R.O. SYSTEM:

For the development of High pressure required for RO System we have offered world class Vertical Multistage Centrifugal Pumps from GRUNDFOS, DENMARK.

The RO system comprises of R.O. membranes housed in **FRP tubes**. All interconnecting low-pressure shall be Extra Strong UPVC and high pressure shall be Stainless Steel – SS304 ERW. Necessary instrumentation is provided to monitor the operation of the system.

Almost all components / equipment's of the R.O. Unit will be pre-engineered, pre-wired, pre-tested and ready for use after giving necessary interconnections. The RO block will be totally skid mounted. Each unit will be a product of high quality workmanship, skilled and experienced mechanical design.

AUTOMATION PHILOSOPHY:

We have designed the Reverse Osmosis plant for Semi Automatic operation. Safety interlocks are provided through Control Panel whereby the raw water pumps trip once the High-pressure pumps trriped.

BASIS OF DESIGN & TREATMENT SCHEME

I. RAW WATER ANALYSIS:

We have designed the RO system based on following assumed water analysis as given below,

TDS ----- < 1000 PPM

II. TREATED WATER QUALITY:

QUALITY OF WATER AT R.O. UNIT OUTLET:

TDS --- < 50 ppm PH --- 6-7

The above quality shall be achieved provided:

- The feed quality is same as specified in your enquiry. In case of any change in the quality of raw water the same may have implications on operating parameters or on end results of the system.
- 2. The feed limiting conditions mentioned as below are strictly maintained.
- 3. The operation of Water treatment Plant is strictly done as per our Operation Manual and instructions. All the log sheets/daily reports should be sent to us for monitoring of System and to suggest suitable actions for better and smooth operation of the system.
- 4. Pure chemicals, original spares and consumable specified by us are used in Water treatment Plant. Sufficient Inventory of spares for atleast 1 year is to be maintained.

R.O. FEED WATER LIMITING CONDITIONS:

Turbidity ... < 1 NTU
TSS ... < 1 PPM
S.D.I ... < 3
Heavy Metal, Organic and bacteria... Nil
Oil & Grease, Residual chlorine ... Nil
Oxidizing materials ... Nil
Temperature °C (Max.) ... 35

TREATMENT SCHEME

The raw water shall be treated through the following Treatment Stages.

SR. NO	DESCRIPTION			
1.	FILTER FEED PUMP			
2.	PRESSURE SAND FILTER			
3.	ACTIVE CARBON FILTER			
4.	ANTISCALENT DOSING			
5.	MICRON CARTRIDGE FILTER			
6.	HIGH PRESSURE PUMP			
7.	REVERSE OSMOSIS SYSTEM			

SCOPE OF SUPPLY

1 . FILTER FEED PUMP - 1 No.

a) Capacity : 2m3/hr

b) Type : Centrifugal Monoblock

c) Pressure : 3.0 kg/cm2

d) Head : 30M. e) MOC : CI

f) Make : Kirloskar/ Eq.

2. PRESSURE SAND FILTER - 1 No.

a) Capacity : 2 M3/hr b) MOC : FRP

c) Size : 400mm Dia x 1625mmHt.
d) Valves : Manual Multi Port Valve
e) Media : Pebbels, silex, fine sand,

f) Make : PENTAIR/ Eq.

3. ACTIVE CARBON FILTER - 1 No.

a) Capacity : 2 M3/hr b) MOC : FRP

c) Size : 400mm Dia x 1625mmHt.
d) Valves : Manual Multi Port Valve

e) Media : Granular carbon f) Make : PENTAIR / Eq.

4.ANTISCALENT DOSING SYSTEM - 1 No.

a) Capacity

0 - 5 lph with manual

adjustment

b) Type

Electronic Diaphrgm Type

c) MOC

d) Dosing tank Volume :

e) MOC of tank

100 ltrs

HDPE

f) Make

Aster / Eq.

5. MICRON CATRIDGE FILTER - 1 No.

a) Type

Standard

b) Housing MOC

AEP

c) Filter size

5u

d) Filter Type

Spun/Wound PP

6. HIGH PRESSURE PUMP - 1 No.

a) Capacity

b) Type

2 m3/hr
Vertical Multi Stage Centrifgal
10-12 kg/cm2
GRUNDFOS DENMARK
CR 3-21
SS 304

c) Pressure

d) Make

e) Model

f) MOC wetted

7. RO BLOCK

a) No. of Housingsb) Size of Housing

2 4 - 250 - 2

c) MOC

FRP

d) Make

Pentair/Eq.

e) No. of Membranes :

f) Size

4"

g) Make

Hydronutics / Eq.

8. RO SKID

a) MOC

SS 304

9. CONTROL & INSTRUMENT PANEL

a) MOC

SS 304

b) TDS Meter

1 No.

i) Type

Digital (By Hand Testing)

il) Make

Reputed

Pressure Gauges

i) Range

0 - 7 kg/cm 2

ii) Dial

2"

iii) MOC

SS 304

iv) Type

Button end diaphragm with

Glycerin filled case

Flow Meters

i) Type

ROTO METER

ii) Make

UKL/ REPUTED

10. PIPING

a) Low pressure

UPVC

b) High Pressure

SS 304

CLIENT TO PROVIDE THE FOLLOWING FOR PLANT OPERATION:

01. Power supply

440 V AC ± 10, III phase, 50 Hz up to all drive

02. Control supply

220 V AC ± 10, I phase, 50 Hz up to panel.

03. Service Water

4 M3/Hr. @ 3 kg/cm2 at inlet of PSF.

04. Lab Testing Facility -

For testing of Water.

05. Labor

Free, as and when required.

SCHEDULE OF EXCLUSIONS

- 01. All civil works, such as plant building, Shed, foundation of equipment, bolts, pipe supports, supporting structures, platforms and mass concreting.
- 02. Construction of drain sump and drain channels and any special lining. Erection & Commissioning.
- 03. Main in comer cable to our control panel and the cable tray & lying of cable. Supply of power to motors, water, and regeneration chemicals for trial runs & commissioning.
- 04. Laboratory testing facilities, instruments and reagents.
- 05. Lubricant, oil & grease as required for initial operation.
- 06. Raw water storage tank, Reject Water Storage Tank, their transfer pump.
- 07. All pipe work beyond our termination points.
- 08. Loading, unloading of material at your site. Material to be unloaded within 20 Mts. of location Shifting of equipment, materials upto any point beyond 20 Mts. of the location is not considered, if required shall be at extra cost.

- 09. All equipment, work and services not specifically mentioned as forming part of our offer.
- 10. Erection, Commissioning and handing over of the plant shall be considered to have been completed as described below (If applicable)

TERMINATION POINTS:

S.No	DESCRIPTION	DISTANCE					
01	Raw water inlet	1 Mtr.					
02	R.O. Permeate/reject outlet.	1 Mtr.					
03	Individual equipment drains in to drain trench	At the bottom level of the individual vessel					
04	Dosing chemical tanks	inlet flange of each tank.					
05	Dosing pumps	Max. 2 Mtr. from the discharge of dosing pump					
06	Effluent of all filters	At the bottom level of the individual vessel					

PRICE, COMMERCIAL TERMS & CONDITIONS

PRICE:

Our price for Design, Engineering, Supply and Supervision Erection & Commissioning of 1000 LPH RO System as described in earlier Technical Annexure is Rs. 2,83,000/- (Rupees Two Lakh Eighty Three Thousand only)

PACKING & FORWARDING: 2 % Extra

TRANSPORTATION: Extra at actual. To your account.

TAXES: VAT 14.5 % Extra.

INSURANCE: Extra at actual. To your account.

SUPERVISION OF ERECTION AND COMMISSIONING CHARGES

Included in the Price.

PAYMENT TERMS:

40%Advance along with LOI 50% Against Performa Invoice prior to dispatch 10%After Erection of the Plant.

VALIDITY: The offer is valid for 30 days.

DELIVERY:

We shall complete supply of Water Treatment Plant as mentioned in our technical specification within 3-4 weeks from the date of receipt of Purchase Order along with advance payment.

GUARANTEE/WARRANTEE:

The equipment supplied of warrantee for any type of manufacture defect for a period of 18 months from the date of supply (or) for a period of 12 months from the date of commissioning or beneficial operation of plant.

We hope that our offer is in line with your requirements. Should you need any further clarifications please feel free to contact us.

YOURS FAITHFULLY,

For REVOLVE ENGINEERS PVT. LTD.,

K. NANDA REDDY. 9848387550