

<b>QUOTATION NO:</b> TO/726/21-22	<b>QUOTATION FOR</b> 500 LPH RO Plant	
<b>Rev. no: 02</b>	<b>NAME OF CLIENT</b>	
<b>DATE: 26.01.21</b>	Sonhira Agro Farmer Producer	
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Dear Valuable Customer

**Subject : Offer for 500 RO Plant (HSN: 84212110)**

Dear Sir,

With reference to our discussion, we are pleased to offer you detailed Techno-Commercial Offer for supply of 500 LPH RO Plant. Please find the offer as per your requirement.

Our offer comprises following annexure:

Annexure	I	:	Project details
Annexure	II	:	Treatment Scheme of Mineral Water Bottling Plant
Annexure	III	:	Project Time Line
Annexure	IV	:	Design Basis
Annexure	V	:	Scope of supply
Annexure	VI	:	Schedule of Exclusions
Annexure	VII	:	Commercial Terms

We look forward to receive your valued orders, which will receive our best attention. Please let us know if you require any more information.

Thanking you,

For **TECH OMECA**



Pravin Sarak

Mob: 9021654789

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**ANNEXURE - I**

**PROJECT DETAILS**

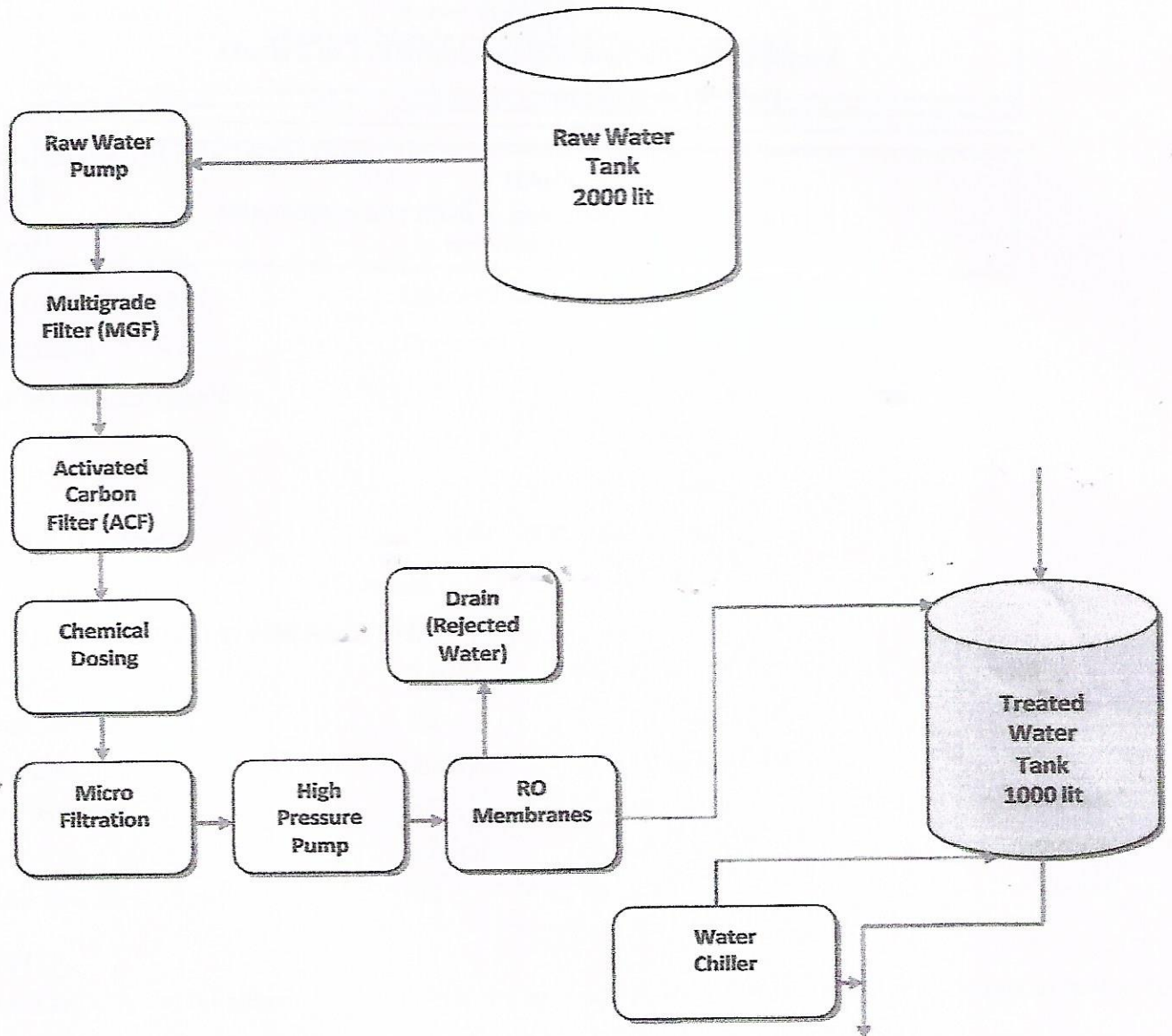


**Note: Above image is for representation purpose only. Design may change according to budget, requirement and plant capacity**

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**ANNEXURE - II**

**TREATMENT SCHEME OF BOTTLING PLANT**



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**ANNEXURE – III**

**PROJECT TIME LINE**

**PHASE 1**  
**PHASE 2**  
 Construction of Shade/room should be ready  
 Supply of the machine and equipment in 1 to 2 weeks

**PHASE 3**  
 Erection and commissioning of plant end machineries

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**ANNEXURE – IV**

**DESIGN BASIS**

Source of Water : Borewell OR Corporation

Source of Water : Borewel / Corporation / Well

**Inlet Water Quality (Assumed):**

- #pH : 7 to 9
- #TDS : Up to 3000 ppm
- #Total Hardness : Upto 1000 ppm
- #Bacteria : Present

**Outlet Water Quality:**

- #pH : 6.5 to 7.5
- #TDS : More than 98% Reduction
- #Total Hardness : More than 98% Reduction
- #Bacteria : Absent

**LIMITING CONDITIONS FOR RO SYSTEM**

Turbidity	: 5 NTU	Heavy Metals	: Nil
Free chlorine, O & G	: Nil	Residual Chlorine	: Nil
Temperature	: Ambient	Oxidizing Material	: Nil
Silt Density Index	: <3	Colour	: Colorless
Suspended Solids	: <1 ppm	Odour	: Odorless
Free Organics	: Nil	Silica	: <50 mg/l

**NOTE:**

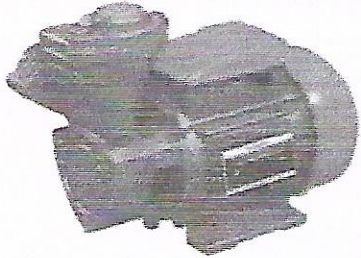

Plant is designed on approximate/general design basis as above. If there will any change in raw water parameter, Plant design will change accordingly.  
For actual design we need raw water analysis report.

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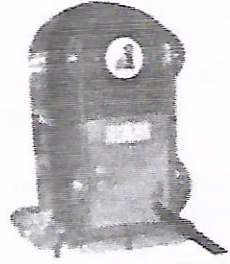

**ANNEXURE- V**

**SCOPE OF SUPPLY**

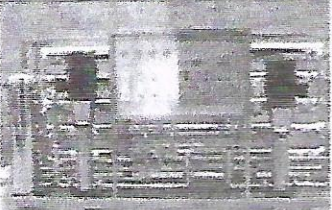
Our scope of supply shall comprise of design, engineering and supply of following equipment:

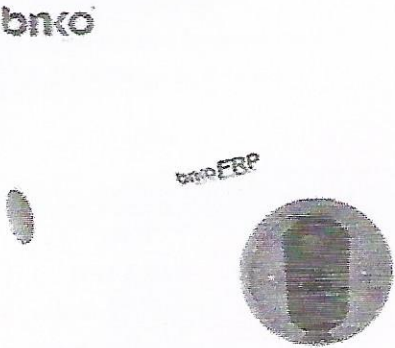
RAW WATER PUMP	SPECIFICATIONS	
	<b>Quantity</b>	One
	<b>Make</b>	Kirloskar/CRI
	<b>Op. Pressure</b>	2.0 – 3.5 Kg/cm <sup>2</sup>
	<b>Purpose</b>	Feeding Raw water to MG Filter
	<b>Flow</b>	1500 LPH
DUAL MEDIA FILTER	SPECIFICATIONS	
	<b>Quantity</b>	One
	<b>Size</b>	Dia 330 mm x Height 1370 mm
	<b>Op. Pressure</b>	2.0 – 3.5 Kg/cm <sup>2</sup>
	<b>MOC</b>	FRP/SS
	<b>Type of Media</b>	Pebbles, Gravels & Fine Sand with Activated Carbon
	<b>Backwash Require</b>	Every day before start the plant
	<b>Purpose</b>	Removal of more than 50 micron (in size) suspended solids
	<b>Type</b>	Vertical Pressure Vessel
	<b>Flow</b>	3000 LPH

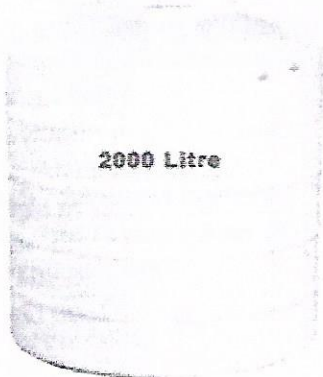
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MICRON CARTRIDGE FILTER		SPECIFICATIONS	
	<b>Housing Quantity</b>	One/Two/Three	
	<b>MOC</b>	PP/SS	
	<b>MOC of Cartridge</b>	PP	
	<b>Filter Quantity</b>	2	
	<b>Size of Filter</b>	Dia 2.5"/4" x Height 10"/20"/30"	
	<b>Filter Type</b>	Spun/Wound	
	<b>Micron</b>	5 Micron	
	<b>Purpose</b>	Removal of more than 5 micron (in size) suspended solids	
	<b>Flow</b>	4000 LPH	
CHEMICAL DOSING		SPECIFICATIONS	
	<b>Quantity</b>	Two	
	<b>Capacity</b>	0 to 6 LPH	
	<b>Make</b>	I-dose / E-dose	
	<b>Type</b>	Diaphragm Pump	
	<b>Chemical</b>	RO Antiscalant / SMBS	
	<b>Purpose</b>	Prevention of Scaling or Bio-fouling	
HIGH PRESSURE PUMP		SPECIFICATIONS	
	<b>Quantity</b>	One	
	<b>Op. Pressure</b>	8 - 11 Kg/cm <sup>2</sup>	
	<b>Make</b>	CRI / Equivalent	
	<b>Type</b>	Vertical Multistage Centrifugal	
	<b>Purpose</b>	To feed water at high pressure to membranes	
	<b>MOC</b>	SS 304	
	<b>Flow</b>	1500 LPH	

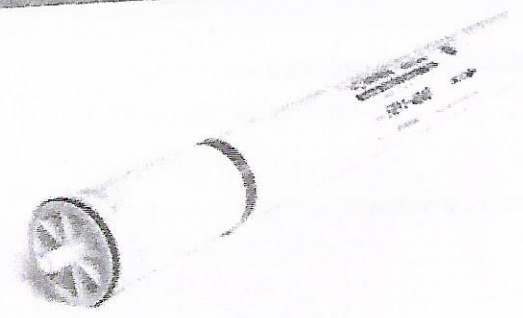
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RO SKID	SPECIFICATIONS	
	<b>Quantity</b>	One
	<b>MOC</b>	SS 304
	<b>Purpose</b>	To support RO module

RO MODULE	SPECIFICATIONS	
	<b>Membrane Qty</b>	02 Nos.
	<b>Make of Membrane</b>	LG/Equivalent
	<b>Membrane Size</b>	4040
	<b>Pressure Tube Qty</b>	01 Nos.
	<b>RO Pressure Tube</b>	FRP/SS
	<b>Purpose</b>	To produce drinking water as per BIS norms
	<b>MOC of Membrane</b>	Polyamide
	<b>Type of Membrane</b>	Thin film composites of spiral wound

STORAGE TANK	SPECIFICATIONS	
	<b>Quantity</b>	2
	<b>Capacity</b>	2000 Liters & 1000 Liters
	<b>MOC</b>	Plastic
	<b>Purpose</b>	To store RO treated water

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	<b>Membrane</b>	polyamide
	<b>Quantity</b>	2
	<b>MOC</b>	TFC/Dow/Equi.

**Note:** Above specifications are subject to change without our prior notice for betterment of our products.

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**ANNEXURE- VI**

**SCHEDULE OF EXCLUSIONS**

- All civil works including design and construction of foundation drain sumps and shed etc.
- Raw Water Storage Tank
- Tools, Tackles and Consumables like RO Antiscalant, SMBS, Micron Cartridge Filter etc.
- Skilled / Unskilled Labour.
- Necessary Electrical points, wiring and Single phase supply with MCB.
- Necessary quantity of water for Input to the RO Plant.
- Laboratory testing facilities.
- Shed for Mineral Water Bottling Plant.

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**ANNEXURE- VII****COMMERCIAL TERMS**

SN	PRODUCT DESCRIPTION	Qty	Rate (INR)	Amount (INR)
01	500 LPH FRP RO Plant (FRP)	01	139,650/-	139,650/-
02	Automation (Optional)	-	22,050	22,050/-
03	Erection And Commission	-	14,700	14,700/-
04	HDPE 1000 Lit Tank	02	5880	11,760/-

GST @ 18% extra as applicable

Transportation Loading and Unloading Extra at Actual.

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**PAYMENT TERMS:**

- 80% advance along with Purchase Order.
- 20% along with all taxes and duties against Proforma Invoice before dispatch of material.
- Erection charges should be made after erection & commissioning.

(In the event erection gets delayed beyond 30 days from date of supply, due to reasons not attributable to us, this amount shall be released at the end of 30 days from date of supply).

**DELIVERY:** 4 – 6 weeks from date of receipt of PO and Advance, whichever is later.

**VALIDITY:** 30 days from the date of offer.

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**ERECTION**

Erection of the plant shall be done immediately after supply of material. For any reason attributed to the client for delay in erection beyond 2 months of supply, the above erection charges shall be revised upwardly by 10% every 2 months.

**COMMISSIONING**

Commissioning shall be done free of charge immediately after erection based on the availability of water. Client has to provide fresh water for final commissioning along with power supply. In case there is delay in providing water/electricity beyond three months after erection of the plant, commissioning shall be done on chargeable basis based on joint site survey.

**WAREHOUSING**

In case of delay in receipt of balance payment within 10 days from date of our intimation of readiness of plant, a charge for warehousing @ 1% of PO value per week, subject to a maximum of 5% of PO value shall be levied. Thereafter, warehousing charges shall be adjusted against the advance received and plant would be diverted to other customers.

**WARANTEE FOR EQUIPMENTS**

Liability with respect to any defect in failure of equipment supplied by us or any loss, injury or damage attributable thereto, is limited to making good by replacement or repairs; defects which under proper use appear therein, provided the equipment is operated and maintained in accordance with our instructions and arise totally from proved faulty design, material or workmanship, within a period of 12 months from the date of commissioning of equipment or 18 months from the date of supply, whichever is earlier, at the termination of which period, all liability on our part shall cease.

This warranty is applicable under the following conditions:

- a. Any replacement / repairs required to be made under the provisions of the above warranty will be carried out at our option, either at site or at our works. In the latter case, you shall arrange to promptly return the defective parts to us, at your cost.

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- b) After repairs/replacement, the period of warranty for the entire equipment including replaced/repaired parts shall limit itself to the unexpired portion of the total warranty period.
- c) Bought out components are warranted only to the extent of warranties extended to us by our suppliers. Electrical components such as heaters, motors, contactors etc., rubber components and instruments such as pressure gauges, thermometers, etc. are however, not covered under this warranty.
- d) In respect of the equipment where dispatch after readiness is delayed due to specific instructions or lack of instructions from you, the warranty shall be limited to 18 months from the date of readiness for dispatch of equipment, as notified by us.
- e) No repairs or replacements, unless authorized by us in writing, shall be carried out by any other party on our equipment during the warranty period or otherwise.

The warranty period shall not cover the following:

- a) Normal wear and tear.
- b) Damages/defects arising out of mal-operation of the plant by the purchaser and accidents.

#### **FORCE MAJEURE**

In all cases where a time schedule for dispatch, delivery, erection or completion has been specified, the time for all these shall be extended by a reasonable period if the delay is caused by lack of instruction from the Purchaser or any industrial disputes, war, strikes, lockout, fire, accident, defective materials, approval of drawings, statutory restriction or any causes whatsoever beyond our and our Suppliers'/subcontractors' reasonable control. No liability shall be acceptable due to above reasons.

#### **LIABILITY**

In no case shall we be liable for any loss of anticipated profits as well as consequential damages, loss by reason of plant shutdown, non-operation, or increased cost of operation, or another consequential loss or damage of any nature. In other words, our liability under the contract shall be solely restricted to the framework of our performance guarantee subject to all conditions stipulated therein.

#### **DRAWINGS, DESIGNS AND PATTERNS**

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All specifications, drawings, designs, data information, ideas methods conceived, developed or acquired, incidental or produced and /or carried out, shall be the sole property of Tech Omeca and shall not be used by the Purchaser or any other Party associated with the Purchaser for any other project. Unless otherwise agreed, drawings are not subject to Purchaser's approval. All Specifications are subject to changes during detail Engineering.

**DOCUMENTATION**

Unless otherwise mutually agreed, in writing, only one copy of P& I diagrams, operation and maintenance manuals shall be provided free of cost.

**INSPECTION**

If desired, necessary visual inspection may be carried out by the Purchaser or his authorized representative at Purchaser is cost at our works/ go-down/ subcontractor's works before dispatch. Intention of the Purchaser to inspect any equipment / systems must be specified by the Purchaser so as to be properly taken care of in the Purchase Order clause. Wet or dry tests shall be charged for as an extra item.

**CONSENTS FROM STATE POLLUTION CONTROL BOARD OR ENVIRONMENT DEPT**

Approvals or consents from the Central / State Pollution Control Board or Department of Environment, Municipal Authorities, Industrial development Corporations or Safety Inspectorate shall not be in our scope unless specified elsewhere in our quotation or formally agreed to by us. There shall be a separate, mutually agreed fee for this service, which shall be paid to us along with a Work Order.

**ALTERATIONS TO EQUIPMENT SUPPLIED**

Purchaser shall not make any repairs, alterations or replacement in regard to the equipment supplied without written authorization from Tech Omeca.

**HANDING OVER**

If the Purchaser fails to accept delivery of the equipment within a period of 6 months from the date of the PO, then there shall be an escalation in price proportional to the increase in the input cost. This shall be discussed and agreed upon before effecting the delivery.

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Unless otherwise specified in the order and accepted, handing over of the equipment and / or installation would be considered as completed and a formal completion certificate shall be issued by the purchaser/ user if:

The material has been supplied as per the terms of scope of supply or with agreed deviations, if any. Erection if involved has been completed generally as per the terms of order or with unavoidable deviations. The equipment and /or installation have been put to commercial use either with or without the help of our engineer. The Purchaser / user shall put the equipment to commercial use only after issuing a formal completion certificate. Our responsibility in term of warranty shall cease straightaway if the equipment is put into operation without formal taking over. Installation of equipment shall be started only after all payments / dues against supply have been cleared by the Purchaser.

#### **NON-PAYMENT**

In case any payment remains outstanding for more than 60 days from date of supply or 30 days from date of commissioning whichever is earlier, Tech Omeca reserves the right to opt for legal recourse for recovery of dues or / and take back your asset (plant).

#### **STORAGE**

The Purchaser shall be responsible to protect the equipment against damage from weather or other causes and for any costs in connection with storage and reconditioning of the plant once supplied.

#### **DEFAULT, INSOLVENCY OR BANKRUPTCY**

If the buyer refuses to lift the material when ready or accept the material after it has been dispatched, we reserve the right to retain all advances received as compensation for costs incurred by us and to resell the material for and on behalf of the buyers and to reserve from the buyers the deficiency between the price of such a safe (less all necessary costs thereof) and costs incurred in manufacturing the said equipment

In case of an order, where the buyer has stipulated pre-delivery inspection as a condition, if buyer fails to carry out inspection within 15 (fifteen) days of our giving notice of readiness of material in a storage; warehousing charge of 1% of the value of material per month would be applicable. If the inspection is

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not carried out within 3 (three) months of our notice in writing, the course of action as given in the above paragraph will be followed by us.

In the event the buyer become insolvent commits an act of bankruptcy or default in the performance of this proposal, the entire unpaid amount / portion of the order value shall without motive or demand immediately becomes due and payable. In such an event, we at our option shall without notice or demand be entitled to sue for the said balance amount and for a reasonable attorney's fees out of pocket expenses plus interest and / or take immediate possession of the said equipment or any portion thereof and enter any place and remove the same without legal process, all trespass and damage resulting therefore being waived by the buyer. We shall have the right to retain all payments made therefore as compensation for the use of the said equipment and or resell the said equipment at private or public sale without notice of demand for and on behalf of buyer and to receive from the buyer deficiency between the price of such resale (less all necessary costs and expenses thereof) and the balance then due to us for the said equipment.

**DISPUTE / ARBITRATION / JURISDICTION**

Any dispute or difference arising out of or in connection with this proposal and subsequent contract or order, if awarded to M/s. Tech Omeca, the same shall first be mutually discussed for a resolution. If it fails, both parties shall mutually agree to the appointment of a single arbitrator. If agreement on the appointment within fourteen calendar days, after either party has given to the other a written request to concur in the appointment of an arbitrator fails, either party shall have the option to pursue Legal recourse which shall be governed by and construed in accordance with Indian Laws. The courts of Pune, Maharashtra, India, shall have exclusive jurisdiction to adjudicate any dispute arising under or in connection with this proposal and subsequent order or contract, if awarded to M/s. Tech Omeca.

**MARKETING**

The Parties agree that the Supplier shall be entitled to include the name and logos of the Purchaser in any marketing, promotional or advertising material that the Supplier may prepare and publish in relation to the promotion and marketing of its products and services.

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