

BOTTLING PLANT FOR PACKAGED DRINKING WATER

Notice Inviting Quotation (NIQ)

Text of Newspaper Advertisement

INDIAN INSTITUTE OF TECHNOLOGY DELHI

NEW DELHI-110016

Industrial Research & Development Unit

Notice Inviting Quotation (NIQ)

This is a “Notice Inviting Quotation (NIQ)” for “Bottling Plant for Packaged Drinking Water” to be set-up at village Malunga, district Jodhpur, situated 37 km NW of Jodhpur city, Rajasthan. Systems for three capacities will be considered, i.e. for 30,000, 50,000 and 80,000 one-litre bottles per day. A final selection will be made for one of the three capacity systems. For complete specifications, details, terms and conditions, go to website <http://www.iitd.ac.in/tenders>, and look for “Bottling Plant for Drinking Water”.

DETAILS AND INSTRUCTIONS:

This is a “Notice Inviting Quotation (NIQ)” for “Bottling Plant for Packaged Drinking Water” to be set-up at village Malunga, district Jodhpur, situated 37 km NW of Jodhpur city, Rajasthan. Systems for three capacities will be considered, i.e. for 30,000, 50,000 and 80,000 one-litre bottles per day. A final selection will be made for **one** of the three capacity systems.

The terms and conditions for submitting the quotation are given below:

1. Outer sealed envelop should contain the “Technical Bid” and the “Financial Bid”, described in para 2 and 3 below. The following should be superscribed prominently on this outer cover, ‘QUOTATION for “BOTTLING PLANT FOR PACKAGED DRINKING WATER”, RP02260’.
2. A separate sealed envelop containing the ‘Technical Bid’, giving the detailed technical specifications of items offered by you with ‘Technical Bid for “Bottling Plant for Packaged Drinking Water, for different capacities” RP02260’ superscribed on the envelop.
3. A separate sealed envelop containing the ‘Financial Bid’ giving detailed financial bid corresponding to the items specified in the technical bid, again superscribing the envelop with ‘Financial Bid for “Bottling Plant for Packaged Drinking Water,” RP02260’.
4. Authority of I.I.T. Delhi reserves the right to reject any or all quotations without assigning any reasons.

ELIGIBILITY

At least 10 such bottling plants must have been supplied by your firms. Printed brochure/Order copies/other proof should be enclosed.

SCOPE OF WORK

The scope of work includes, design, fabrication, testing, transport to site, erecting, testing and commissioning of the plant described below as a turnkey job. Foundation for machinery is not in the scope. Processed remineralised drinking water will be available in a tank at site. Also power will be available at one location. All internal piping and cabling are included in the scope of this work. The electric points for all the machinery are included in the scope of work.

All necessary, statutory approvals, as applicable, is the responsibility of the supplier.

DETAILS TO BE INCLUDED IN 'TECHNICAL BID'

1. Bottling Plant for Packaged Drinking Water for **three** capacities, i.e. for 30,000, 50,000 and 80,000 one-litre bottles per day (in short 30 K/day, 50 K/day, 80 K/day respectively) will be considered, out of which **one** such system will be purchased.
2. Please note systems are categorized based on capacity, viz. 30 K/day, 50 K/day and 80 K/day one-litre bottles per day.
3. You may quote for 30 K/day one-litre bottles per day, 50 K/day one-litres bottles per day and 80 K/day one-litres bottle per day, **either** for **one** such system, **or** for **two** such systems, **or** for **three** such systems.
4. The 'Technical Bid' and 'Financial Bid' should be **separate** for **each** of the **three** systems.
5. If you are quoting for more than one system, do not use separate cover for 'Technical Bid' for each system but put them in the same envelop for 'Technical Bid'. Similarly do not use separate cover for the 'Financial Bid' for each of the systems.
6. Do not include price in 'Technical Bid'.
7. General credentials of your firm with all commercial and governmental registration details.
8. Your general credentials for supplying Bottling Plant for Packaged Drinking Water, mentioning list of major items of Bottling Plant for Packaged Drinking Water that are made in-house by your firms.
9. List of organizations, with addresses and phone numbers, where you have supplied Bottling Plant for Packaged Drinking Water.
10. It is also desirable that customer satisfaction letters, if available from customers, be attached.

FINANCIAL BID

1. Please give 'Financial Bid' **separately** for **each** system quoted. However, put your bids in the same envelop as mentioned in '5' above.

SUBMISSION AND OTHER DETAILS

- 1) Send in your quotation, along with other documents asked for, under sealed cover, to reach by 21 days of publication of the newspaper advertisement as above, or, last date as mentioned in Website NIQ, whichever is later, to the following address, and with the words "BOTTLING PLANT FOR PACKAGED DRINKING WATER, RP02260", prominently written on the outer cover. **Do not send any document by email.**
- 2) The technical details and specifications of the equipment required by us are enclosed herewith.
- 3) Please indicate guarantees for Maintenance/Replacement/Serviceing etc.
- 4) Delivery F.O.R., Installation and Commissioning to be done at Project Micro-Industry site at village Malunga, District Jodhpur, situated 37 km NW of Jodhpur city, Rajasthan.
- 5) Please indicate warranties for maintenance services of the supplied items.
- 6) Please indicate any educational discounts offered to IIT, Delhi, clearly in your 'Financial Bid'.
- 7) Kindly send in your best priced quotation to:

PRINCIPAL INVESTIGATOR (RP02260)
Head's Office, Room No. IV-236
Department of Applied Mechanics
Indian Institute of Technology, Delhi
New Delhi-110016

SPECIFICATIONS FOR BOTTLING PLANT

1. **System one** is for 30 K/day capacity, **System two** is for 50 K/day capacity and **System three** is 80 K/day capacity.
2. You may quote **either** for **any one** system above, **or** for **any two** systems above, or for all the **three** systems above.
3. Please draw up the details **separately for each system** for which you have quoted.
4. Please specify the make of each item.
5. Broad details of component units for each system are given under headings 1 - 7 below. Please supply all the details asked for. Treat the entire system with all details 1 - 7, as **one turnkey job**. Hence, please treat the entire system as one unit upto and inclusive of 'Installation and Commissioning'. Hence, **only one price** figure should be given for the whole system as a turnkey job.
6. The details below are required separately for 30 K/day, 50 K/day and 80 K/day. Hence the details are requested for XX-K/day System. Please treat 'XX' as 30, or 50, or 80.

COMPONENT UNITS/ITEMS FOR SYSTEM FOR XX-K/DAY CAPACITY

NOTE: 1. Please give, size, capacity, rating, make, and all other ancillary details, as applicable, for each of the items 1 – 7.

2. Additional details required, if any, are specified within the item heads 1 – 7.

S. No.	DESCRIPTION OF GOODS
1	<p>BLOWING MACHINE</p> <p>Blowing Machine suitable for 250 ml to 1000 ml. with number of bottles per hour (BPH), size, capacity, power rating, and numbers off of such Blowing Machine units.</p> <p>All accessories :</p> <ul style="list-style-type: none">- IR Heater, mention rating.- Air Compressor(s) (High: HP rating, CFM rating; Low: HP rating, CFM rating), mention if 'High' and 'Low' are both needed.- Chiller, TR rating.- Air Dryer, CFM rating.- Moisture Separator with specifications and Nos. off.- Mould as per buyer requirements (specify options). <p>Detailed specifications for each of above items required.</p> <p>*(Details must cover Notes 1 & 2 above)</p>
2.	<p>AUTOMATIC RINSING, FILLING & CAPPING MACHINE for pet bottles (S.S. 304/316 recommended)</p> <ul style="list-style-type: none">- Capacity in BPM (Bottles per minute).- Number of heads for rinsing.- Number of heads for filling.- Number of heads for capping.- Feed (specify length) Air conveyor.- Bottle rating range, like 200 ml, 1000ml, etc.- Feed Conveyor with numbers out.- Shrink Tunnel, mention size, capacity and any other specifications.- Inspection Light, mention size.- Collection Table, mention size, capacity.

	- UV lighting (specify if included, with rating)
3	BATCH CODING PRINTER Printer, mention no. of lines, type, capacity, and all accessories. *(Details must cover Notes 1 & 2 above).
4	WATER STORAGE TANKS AND PIPE LINE AS PER BIS NORMS Specify tanks with size, capacity, material, thickness, and numbers off. Specify pipeline, with length, diameter, material, thickness. Mention also, size, capacity and other details as above, of tank required for processed water, as input storage tank to Bottling Plant. *(Details must cover Notes 1 & 2 above).
5	LABORATORY FOR IN-HOUSE TESTING (as per IS 14543 of BIS norms) - Microbiological Lab (Complete) – mention details. - Chemical Lab (Complete) – mention details. *(Details must cover Notes 1 & 2 above).
6	INSTALLATION & COMMISSIONING CHARGES OF PLANT Installation and Commissioning at Project Site at Village Malunga, Distt. Jodhpur, 37 Km NW of Jodhpur City.
7	ISI MARKING EXPENSES

Other Terms & Conditions:

- 1) **Validity of the quotation required:** 90 days or more (specify).
- 2) **Warranty:** 1 year (also quote separately for extended warranty for additional 2 years).
- 3) **Transportation:** F.O.R. at village Malunga, District Jodhpur, situated 37 km NW of Jodhpur city, Rajasthan.
- 4) **Do not send your Quotation by email.**