

## Bid invitation

### Information

Description: YMN/ROPLANT-TSC/2020/PA

Bid invitation number: 6300032926

### Bid invitation rules

Bid invitation currency: INR

**Timezone:** UTC+53

**Submission period:** 30.06.2020 14:00:00

**Opening date:** 30.06.2020 14:30:00

**Created On:** 08.06.2020 16:57:45

### Bid invitation text:

Service contract for maintenance of RO plant for 2 years

Service Contract for RO Plant at Equipment Division & Engine Division 3cub.m. capacity & Engine Division 1 cub.m. capacity for TWO years period.

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Service Contract for RO Plant at Equipment Division & Engine Division 3cub.m. capacity & Engine Division 1 cub.m. capacity for TWO years period.

### General Terms & Conditions:

1. The agency has to visit RO plants once in a month to check the efficiency of the RO Plant as per suppliers check list for each plant i.e., 1 day for 3 Cum plant and 1 day for 1 Cum plant.  
The engineer must be present and guide during cleaning of filters media, washing with HCL and soap oil and replacement of any spares etc.,
2. The payment will be made once in three months based on the work carried out during previous three months followed by service reports duly acknowledged by BEML on certification from civil maintenance dept.
3. Any spares, consumable etc., will be provided by BEML, in case these are not available with BEML, the same shall be supplied by you at extra cost. After approval from our management you should submit manufacturer's approved spare parts

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list with rates along with your quotation. Also the cost of all consumables required shall be submitted along with your quotation.

4. Payment for over hauling / periodic maintenance will be made on certification from AGM, Civil Maintenance on successful completion of work.
5. Dy. Gen. Manager, Maintenance is the final authority for any decision & is binding.
6. The Coverage of Insurances, ESI & PF for your workers is your own responsibility BEML will not be responsible for any accident/injury happened to your personnel during their visit to our plant for servicing.
7. The period of contract is from two years.
8. Workmanship should be of good quality & you have to give guarantee for a period of six months for smooth running of RO Plant after quarterly/half/annual yearly Maintenance.
9. Apart from the above, you should make a trip for any breakdown immediately on intimation without involving extra cost to BEML (within 2 hours).
10. For the above services, one or two man power required for cleaning, helping & assisting in servicing will be supplied by BEML.
11. Servicing and repairing of Dosing Pump is to be done as and when the dosing pump is found to be defective and same to be repaired by the firm at additional cost.

The servicing/repairing and the list of spare parts list with rate is to be submitted along with your quotation.

Apart from the above general terms and conditions following Monthly / Quarterly / Half yearly / Annually Maintenance schedule is to be carried out.

I. For Quarterly Maintenance & 3rd Quarter Maintenance Schedule for 2 days Engineer is to be deputed for Servicing of RO Plant as per the following scope.

- a. An open back wash for garnet filter.
- b. Replacing of spare parts for multi port valve, if required.
- c. Replacing of diaphragms for diaphragm valves, if required.
- d. Clear the media with extended back wash & rinse.
- e. Replacing of cartridge elements – 5 Micron.
- f. Flushing of membranes with product water.
- g. Replacing of various spare components related to RO Plant, if required.
- h. Checking of SDI at the out let of 5 Micron cartridge element.

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- i. Replacing of 10 Micron cartridge element.
- j. Cleaning of rate of flow indicators.
- k. A check is made on the mechanical condition of Equipment.
- l. Chemical cleaning of RO Membranes and including replacing the membranes.
- m. Checking of dosing pump flow rate.

II. For Half yearly Maintenance Schedule, for 2days Engineer is to be deputed for Servicing of RO Plant as per the following scope (in addition to the points mentioned in quarterly maintenance schedule, following servicing activities is also to be carried out).

- a. Chemical cleaning of filtering media, if required.
- b. Probing test for membranes.
- c. Re-arrangement of membranes, if required.
- d. Checking of inter connector 'O' ring, brine seal, end cap & cir clip & replacing the same, if required.
- e. Checking of membranes for bio fouling, scaling, inorganic fouling, higher flow rate, lower feed temperature.
- f. Checking of lower flow rates high feed temperatures.
- g. Physical checking of membranes.
- h. Checking of low & high pressure switch for ITS performance.
- i. Replacing of spares for dosing pumps, if required.

III. For Annual Maintenance Schedule of RO Plant as per the following scope (in addition to the points mentioned in quarterly & half yearly maintenance schedule, following servicing activities is also to be carried out).

- a. Servicing of dosing pump.
- b. Check for low product flow.
- c. Check on high salt passage.
- d. Check on high differential pressure.

The agency should be able to service Thermax make RO plant.

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You are requested to upload only Technical Details if any in the Collaboration Folder and submit the commercial details in Item Data only. Any item specific remarks / comments can be mentioned in "Bidders Remarks" column under Item Data.

Please contact our SRM Team for guidance on submission of bids in SRM system.

Phone number: (080) 22963269 / 22963141 (Mrs.Anitha or Sri.Krishnamohan)

E-mail ID : admin.srm@beml.co.in

Please contact AGM- civil maintenance dept (TSC), Mysore Complex for any technical clarifications. 2400211 OR 2400375, & for commercial clarification please contact Material dept. Phone number: (0821) 2400503 / 2400225

E-mail ID : ymn1@beml.co.in

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Bid invitation details

Item	Product Price Condition	Description	Vendor product number	Delivery date/ performance period	Quantity
1		Maint.of 3cum RO plant at Equipment Dv			2 JOB

**Item long text:**

DETAILS ARE MENTIONED IN ABOVE BID INVITATION TEXT.

IGST -Integrated GST	%	_____
Basic Price	INR	_____
Discount on Basic	%	_____
CGST - Central GST	%	_____
SGST - State GST	%	_____

2		Maint. of 1cum RO plant at Engine Div.			2 JOB
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**Item long text:**

DETAILS ARE MENTIONED IN ABOVE BID INVITATION TEXT.

Basic Price	INR	_____
Discount on Basic	%	_____
CGST - Central GST	%	_____
SGST - State GST	%	_____
IGST -Integrated GST	%	_____