

Bid invitation

Information

Description: YMN/RO PLANT FOR 2 YEARS/22/EL

Bid invitation number: 6300037696

Version: 1

Bid invitation rules

Bid invitation currency: INR

Timezone: INDIA

Submission period: 23.07.2022 14:00:00

Tech Opening date: 23.07.2022 14:30:00

Created On: 16.07.2022 07:39:36

Bid invitation text:

SUB: AMC for maintenance of RO plants at Equipment Division ,Engine Division & Township for 2 years period.

Please refer to the Tender Documents for scope, terms and conditions in the Collaboration Folder which can be accessed by clicking on the link 'Collaboration Bid Invitation 6300037696' below.

For ITEM DATA DETAILS, please refer Tender document attached in the collaboration Folder.

You are requested to upload only Technical Details 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

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

Please contact Materials Department, Mysore Complex for any Commercial clarifications. Phone number: (0821) 2400503 / 2400225

E-mail ID : ymn@beml.co.in & for Technical clarification please contact our Civil maintenance dept. Phone No. 2400211/375.

Attachments:

TERMS & CONDITIONS two bid

Digital Signature

Bid invitation details

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Item	Product Price Condition	Description	Vendor product number	Delivery date/ performance period	Quantity
8		MAINTENANCE OF RO PLANT FOR 2 YEARS		00:00:00	

Item long text:

Sub: AMC for maintenance of RO plants at Equipment Division , EngineDivision & Township for 2 years period

1) MINIMUM ELIGIBILITY CRITERIA:

- a) The agency should be well experienced to handle periodical Servicing/ repair of RO Plants available at Beml premises. In this regard Proof for having carried out the similar work has to be furnished.
- b) The rates quoted is per Job as specified to be valid for a period of Two years.

2) SCOPE OF WORK:

- a) The scope of work includes for checking the performance of RO Plant & the System and submitting a report after every visit on Monthly basis. To conduct general checkup and cleaning, chemical cleaning of cartridge, to replace spares wherever required including attending Filter media , Membranes etc., and to attend any complaints reported during the visit so as to ensure continuous output of RO water complying to all quality norms.
- b) The subject AMC also covers for preventive maintenance and as well as for break down maintenance including repairing & fixing of all consumables such as cartridges, multi port valve, pressure gauges, flowmeters, UV lamp, valves, end cap, membrane, worn out parts and any other spares required for smooth operation of plants or as and when required to achieve the desired water quality with necessary anti scaling chemical and other such consumables for proper functioning of RO Plants.
- c) To Check & monitor the parameters & to effect necessary corrections such as, Feed pressure, reject pressure, reject flow, permit flow, conductivity, TDS, Ph Value etc., all as per the standards applicable for RO water.

3) General Terms & Conditions:

- a) The agency/Firm to depute qualified / experienced technicians for carrying out the preventive maintenance & breakdown works.
- b) The agency/Firm has to visit RO plants once in a month for checking the efficiency & servicing of RO Plants as per the standard check list covering for all 3 Plants.
- c) The authorized/qualified personnel must be present and guide during cleaning of filter media, washing with HCL and during replacement of any spares etc. (>,<)>
- d) The agency has to maintain a register for the periodical inspections duly endorsed by Beml representative along with making Service report & to submit to Beml for records/ref.
- e) The Servicing & maintenance of all 3 no. RO plants for One year period by making monthly visit is considered as One Job. The payment will be made quarterly based on the works carried out during previous three months followed by maintaining a register & service reports duly acknowledged by Beml and on certification from the Civil Maintenance dept.
- f) Apart from the monthly visit, the Firm also has to visit immediately on receipt of any information from Beml for attending during Breakdowns without involving extra cost to Beml.
- g) Any lapses / delay in attending to complaints / breakdowns will attract proportionate deductions from the

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payment due towards such lapses as penalty.

- h) The Coverage for statutory compliances such as Insurances, ESI, PF etc., as applicable for the workers / staff during the visit to Beml premises is Firm's own responsibility and Beml will not be responsible for any accident/injury happened to Firm's personnel during their visit to our plant for servicing/maintenance.
- i) The quality of works carried out must be satisfactory and in case of any issues, the same has to be attended immediately without incurring extra cost for smooth running of RO Plants after Servicing/ Maintenance.
- j) The nominal manpower required during servicing shall be arranged by Beml.
- k) Dy Gen. Manager, Plant Engineering, Beml is the final authority in case of any dispute and for any decision regarding the satisfactory work completion & his decision is final & binding.
- l) Planning has to be done in advance & recommendations to be given for spares / consumables requirement during the period of AMC applicable for all 3 plants in advance with detailed specifications, market rates & the sources for our further action.
- 4) The monthly Servicing / Maintenance schedule to be carried out in the presence of authorized / technical staff deputed for the purpose as per the following scope:
 - a) Checking for product flow.
 - b) Flushing of membranes with product water.
 - c) Chemical cleaning of RO Membranes and Checking of membranes for biofouling, scaling, inorganic fouling, higher flow rate, lower feed temperature including replacing of membranes if required.
 - d) Checking cartridge filters.
 - e) Checking the flow rate of dosing pump & servicing and replacement if required.
 - f) Checking of inter connector #O# ring, brine seal, end cap & cir clip & replacing the same, if required.
 - g) Clearing the media with extended back wash & rinse.
 - h) To Check the parameters & correct such as, feed pressure, reject pressure, reject flow, permit flow, conductivity, TDS, Ph Value etc. (>,<)
 - i) Replacing of various spare components related to RO Plant, such as multi-port valve, diaphragms for diaphragm valves, UV lamp, cartridge, valves, end cap etc, any spares required in smooth operation of plant.
 - j) Chemical cleaning of filtering media, if required.
 - k) Probing test for membranes and physical checking of membranes.
 - l) Re-arrangement of membranes, if required.
 - m) Checking of lower flow rates high feed temperatures.
 - n) Checking on high salt passage.
 - o) Check on high differential pressure.

Note: Requirement of any spares & consumables will be arranged by Beml and the firm has to assist/guide during replacement. Following are the details of RO plants available which are to be covered under AMC. Sl.No/Description/Make/Location/Service required for years, 1/RO Plant 3000 LPH/M/s Thermax, /Equipment Division, / Service reqd for both 1st Year & 2nd Year. 2/RO Plant 1000 LPH, M/s Thermax/Engine Division/Service reqd. for both 1st Year & 2nd year., 3/RO Plant 1000 LPH/M/s H2O HOME SOLUTIONS/Township/Service reqd for only 2nd year. ,

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9		Maint.of 3cum RO plant at Equipment Dv			2 JOB
	Basic Price		INR	_____	
	Discount on Basic		%	_____	
	CGST - Central GST		%	_____	
	IGST -Integrated GST		%	_____	
	SGST - State GST		%	_____	
10		Maint. of 1cum RO plant at Engine Div.			2 JOB
	Basic Price		INR	_____	
	Discount on Basic		%	_____	
	CGST - Central GST		%	_____	
	IGST -Integrated GST		%	_____	
	SGST - State GST		%	_____	
11		Maint of 1 cum RO Plant at Township			1 JOB
	Basic Price		INR	_____	
	Discount on Basic		%	_____	
	CGST - Central GST		%	_____	
	IGST -Integrated GST		%	_____	
	SGST - State GST		%	_____	