

Bank of Baroda,

Facilities Management Department, Baroda Corporate Center, C-26, G-Block, BandraKurla Complex, Bandra (East), Mumbai-400051

Sub : Tender for RO System for Construction of Office Building of Bank of Baroda at Gulistan Bungalow, RC Dutta Road, Alkapuri, Vadodara.

Common Set of Conditions / Corrigendum No. 1 dt.04.10.2017

Sr. No.	Tender Clause	Clarification / Querries / Deviation requested by the Tenderer	BOB's Accepted Common Set of Conditions												
1	Preamble, 1.	RO plant capacity and design criteria	RO plant capacity 3000 LPH. Design Criteria is as under: <table border="1"><thead><tr><th>No</th><th>Type of Flow</th><th>3000 LPH</th></tr></thead><tbody><tr><td>1</td><td>Feed Flow</td><td>6000</td></tr><tr><td>2</td><td>Permeate Flow</td><td>3000</td></tr><tr><td>3</td><td>Reject Flow</td><td>3000</td></tr></tbody></table>	No	Type of Flow	3000 LPH	1	Feed Flow	6000	2	Permeate Flow	3000	3	Reject Flow	3000
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1	Feed Flow	6000													
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3	Reject Flow	3000													
2	Preamble, 1.	Clarify whether, the RO plant is Automatic or Semi-Automatic type.	The plant should be Automatic .												
3	Preamble, 5	Required Treated Water Quality	Please read as Treated Water Quality: <table border="1"><thead><tr><th>Sr. No.</th><th>PARAMETER</th><th>UNIT</th><th>VALUE</th></tr></thead><tbody><tr><td>1.</td><td>pH</td><td>-</td><td>5.5 – 7.0</td></tr><tr><td>2.</td><td>TDS</td><td>ppm</td><td>< 200</td></tr></tbody></table>	Sr. No.	PARAMETER	UNIT	VALUE	1.	pH	-	5.5 – 7.0	2.	TDS	ppm	< 200
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1.	pH	-	5.5 – 7.0												
2.	TDS	ppm	< 200												
3	Preamble, 8, RO System-Scope of supply, Item No.1	Raw Water Pump	Raw water pump shall be 2 Nos. (1 working + 1 standby) with Auto cascade operations. Having min. Flow Rate : 6.0 M ³ /H												
4	Preamble, 8, RO System-Scope of supply, Item No.6	High Pressure Pump	High Pressure pump shall be 2 Nos (1 working + 1 standby) with Auto cascade operations. Having min. Flow Rate : 6.0 M ³ /H												
5	Preamble, 8, RO System-Scope of supply, Item No.7	Size and no of RO Membranes	RO Membranes of 8" X 40" , 3 Nos. minimum												
6	Preamble, 8, RO System-Scope of supply, Item No.8	Size and no of Pressure Tubes	Pressure Tubes shall be of 8" X 3E – 1 Nos. minimum												



7	Preamble, 8, RO System-Scope of supply, Item No.15	Piping, Valves & Fittings with permeate blending arrangement	For High pressure side, the pipe shall be of SS304 grade with necessary fittings and valves. For Low pressure side, the piping and other accessories shall be of UPVC pipe with metal valves and fittings.
8	Preamble, 12, General, clause no. e.	Water samples to be tested at approved Laboratory for 12 months and the rates shall be quoted separately.	Please READ AS: Water samples to be tested at approved Laboratory for 12 months in Defect liability period (DLP) and the quoted rates shall be included in the overall cost of the work, which includes monthly visits of Engineering and Technical staff of tenderer.
9.	-	Storage facility at site	Bank will provide a suitable space for storage at site. However the vendor should ensure its safety and security of the same at his own arrangement till handing over of the RO plant to the Bank.
10.	BOQ, Item No. 2	Supply and fabrication of 10,000 ltrs. SS, 2mm thick Water Storage Tank	Please READ As: Supply, fabrication and installation of 10,000 ltrs. storage tank shall be of SS 304, 8mm thick as Treated Water Storage Tank.
11.	BOQ, Item No. 7	SITC of 1/2 Hp pump for water supply to HVAC make of water tank from RO storage tank.	Please READ As: SITC of 1/2 HP pumps (1 Working + 1 Standby) with auto cascade operations and level controller/sensor for water supply to HVAC make up water tank from RO storage tank or it can be directly feed to HVAC make up water tank.
12	BOQ, Item No. 12 Operation and Maintenance	Please clarify Operation part	Daily operations will be done through the Bank's facility service provider. The Vendor should depute their technical person to verify the operation and health of the plant on every quarter within the AMC period without any extra cost.
13	BOQ, Item No. 12 Operation and Maintenance	Replacement of Sand and Carbon media monthly basis	Replacement of sand and media shall be on yearly basis or as per manufactures specifications whichever is earlier.
14	BOQ, Item No. 12 Operation and Maintenance	Replacement of RO Membranes Replacement	Replacement of RO membranes shall at interval of 3 year basis or as per manufactures specifications whichever is earlier.



General Clarification / Schedule for Submission of tender document

- 1.0 All common set of conditions/ Corrigendum No. 1 dt. 4.10.2017 shall form part and parcel of tender i.e. contract agreement. The said Corrigendum shall be sealed and signed as acceptance of those conditions without any modifications and submitted along with the tender bid. Non acceptance of the common set of conditions/ Corrigendum no. 1 by the bidder or adding any other condition shall be treated as conditional tender and price bid of such tenderers shall not be opened.
- 2.0 The bidder/ vendor has to submit "Unconditional Tenders" since all the queries have been clarified. Conditional bids / Tender are liable to be rejected.
- 3.0 Tender submission and tender opening date for technical bid shall be **10.10.2017** till **15.00 hrs.** in the office of **The General Manager (FM & COA), Bank of Baroda, Baroda Corporate Centre, 1st Floor,C-26, G-Block, Bandra Kurla Complex, Bandra (East), Mumbai-400051**
- 4.0 The opening of the technical bid along with Pre-qualification (PQ) document will be **opened on 10.10.2017 at 15.30 hrs.** at above address in the presence of authorised representatives of the tenderers (who are present).
- 5.0 The Price bid will be opened at later date, of those firms/ contractors/ agencies, who fulfill the requirements / criteria put in the tender document.
- 6.0 The tender without cost of tender document (those who downloaded the tender document from BOB's website) EMD shall be **summarily rejected** as the same is incomplete tender and shall not considered for further evaluation.
- 6.2 The Earnest Money Deposit amounting to **Rs. 14,000.00** to be in the form of DD/ Bankers cheque / Pay order in favour of Bank of Baroda payable at Mumbai.
- 7.0 Other terms and conditions of the tender shall remain unchanged.



Yours Faithfully,

**General Manager & Head
Facilities Management & COA**

Place : Mumbai
Date : 04.10.2017