



POLICE



DEPARTMENT

No. E1-15695/2025/IRB

India Reserve Battalion,
Thrissur

✉cmdtirb.pol@kerala.gov.in

☎04872328720

Dated. 31-07-2025

REVISED TENDER NOTICE

Sealed competitive tenders are invited from the eligible vendors for the “Purchase of various Accessories for the Water Treatment Plant of India Reserve Battalion, Thrissur”.

1	Tender Number	1/2025-26
2	Due date and time for receipt of tenders	18.08.2025 4 PM
3	Date and time for opening of tenders	19.08.2025 11 AM
4	Date up to which the rates are to remain firm for acceptance	31.12.2025
5	Designation and address of officer to whom the quotation is to be addressed	Commandant, India Reserve Battalion, Thrissur
6	Description	Purchase of various Accessories for the Water Treatment Plant of India Reserve Battalion, Thrissur
7	Total Outlay	Rs.1,50,000/-
8	Warranty	1 Year

Specification

1. SPECIFICATION OF DUAL MEDIA FILTER REFILLING

SL NO	TYPE	SPECIFICATION	REMARKS
1	40 nb mpv	<ul style="list-style-type: none">Material of Construction -Engineering ThermoplasticMaximum Flow Rate -14000lph @ 0.5 Kg/cm2 pressure dropValve Connection to Vessel- 2 1/2" NPT(M) or 4"NPT(M) Adaptors ProvidedRiser Pipe Size 32mm -OD PVC pipeInlet, Outlet, Drain Connections -1 1/2" BSP(F)Maximum Operating Pressure- 5 Kg/cm2	Cylinder 1
2	Activated Carbon 1050 IV	<ul style="list-style-type: none">Lodine no : 1050Apparent Density gm/cc/main : 0.47CTC % min : 50Ash max % : 3Moisture max % : 5Hardness min % : 97PH Value : 8-10	



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		<ul style="list-style-type: none"> • Methylene Blue no : 225 • Size : 6/16 	
3	Catlogs Colour Black	<ul style="list-style-type: none"> • Removal Type - Iron & Ooder iron PPM Max - 15 PPM (Up Flow Without Settlement) Imported Type 	Cylinder 2

2.SPECIFICATION OF RO PLANT 250 lph

SL No	TYPE	SPECIFICATION
1	Vertical High pressure pump	<ul style="list-style-type: none"> • Horsepower :1.5 hp • Flow Rate 80 : LPM • Application : Industrial • Model MVC :2/11 • Pump Type : pressure pump • Power Source : Electric • Size :40mm • Power Supply :Three Phase/Single Phase(240 V) • RO Capacity : 5000 • Maximum Flow :12500LPH • Speed :2900 RPM • Maximum Head : 122 mtr • Horse Power :1.5 HP
2	Anticalin liquid and dosing pump	<ul style="list-style-type: none"> • Dosing rate @ 4 Kg/Cm² 1.5; 3.0; 6.0 & 10.0 Lph • Suction/Discharge tubing 4/6 mm • Frequency up to 400 spm. • Electrical 230 V AC, 50 Hz. • Power consumption at 400 spm 30W.
3	Panel board	<ul style="list-style-type: none"> • Complete RO logic preprogrammed • Mimic diagram with 6 LEDs for I/O indication • 16 X 2 Alphanumeric LCD display with keypad for programming • Notification for filter backwash and plant service due based on real time operation • Complete RO logic preprogrammed • In built Conductivity/TDS indicator with tripping facility @high conductivity/TDS
4	Solenoid Valve	<ul style="list-style-type: none"> • Usage/Application :Water Purifier • Size :1/2 Inch • Valve Size : 1/2 Inch • Material : ABS Plastic and S S • Coil Voltage : 230 V • Control : Direct-Operated • Automation Grade : Automatic • Capacity :230 v • Item Code :Inds230V • Mounting Type :Manual
5	L P S	<ul style="list-style-type: none"> • Media Type :Liquid • Range Setting : 0.5-5 Kgs/Cm² • Contact System Type : SPDT • Electrical Connection : DIN Plugs • Contact Material :Brass • Power/Voltage : 230 V • Size : 1/4"
		<ul style="list-style-type: none"> • Maximum Chlorine Concentration : < 0.1 PPM • Configuration :Spiral Wound • Maximum Feed Silt Density Index :SDI 5



6	Membrane 40-40	<ul style="list-style-type: none"> • Maximum Operating Temperature : 113 Degree F (45 Degreec) • Salt Rejection : 99.60% • Permeate Flow :2,500 gpd • Membrane Polymer : Composite Polyamide • Membrane Active Area : 90 ft2 • Maximum Applied Pressure :600PSI(4.13MPa) • pH Range, Continuous (Cleaning) :2-12 (3-10) • Maximum feed Water TDS : 7,000ppm
7	Prefilter 20"	<ul style="list-style-type: none"> • Type :Wound PP Micron Cartridge Filter • Material : 100% Virgin Polypropylene (PP) • Core Type : Single-Piece Perforated PP Core • Filtration Type : Depth Filtration • Micron Ratings Available :20, 25 Microns • Length : 508 mm (20 inches) • Inner Diameter (ID) :28 mm (1.10 inches) • Outer Diameter (OD) : 115 mm (4.5 inches) • Flow Rate :8,000 LPH at 2 Bar • Maximum Pressure : 5 Bar • Initial Pressure Drop 2 Psi

The Technical Bid and Financial Bid should be submitted in separate envelopes and these two envelopes should be submitted in one Envelope and should bear superscription **“Tenders for Purchase of various Accessories for the Water Treatment Plant of India Reserve Battalion, Thrissur”** and should be addressed to Commandant, India Reserve Battalion, Ramavarmapuram, Thrissur. Last date for the receipt of tenders will be at 4 PM on 18.08.2025. Late tenders will not be accepted.

The tenders will be opened at 11.00 AM on 19.08.2025 in the presence of such of the tenderer or their authorized representatives who may be present at that time. This will be followed by a technical evaluation of the samples, as well as by a financial evaluation of the technically qualified tenders by committee to be decided by the Commandant, India Reserve Battalion. All tenderers will have the opportunity of being present on all the three occasions.

Tenderer may contact Sri. Jithu Mohan PC 1526, QM Office, IRB for any query (Mob No. 8547953134). The GSTIN No of this unit is 32AAAGC1852K1ZQ.

1. Intending tenderer should quote the rate inclusive of all taxes. Tenderer should execute the work as and when demanded by work order from this office. In case the selected tenderer fails to execute the work, including of the specified quality, within the stipulated time frame,including grace period (if any), the tenderer will be blacklisted from participating in any tender for the next three years.

2. No representation for the enhancement of the price once accepted will be considered.

3. Any attempt on the part of tenderer or their agents to influence the officers concerned in their favour by personal canvassing will disqualify the tenderer.

4. Grade/Quality of Items may be clearly noted in the tender.

5. Special conditions if any, attended with the tenders of the tenderer will not be applicable to the contract.

6. If any license or permit is required, tenderer must specify in their tender and also state the authority to which application is to be made.

7. Withdrawal from the tender after it is accepted or failure to execute agreement within a period of 30 days from the date of acceptance of order will entail cancellation of the order forfeiting the EMD and work being entrusted to another firm. Intending tenderer may download tender form, from the website www.keralapolice.gov.in on which tenders should be submitted. **Cost of tender form Rs.400/- should be submitted either in Cash / DD / Money Order and GST 18% of the Form (Rs.72/-) should be paid by the Tenderer and the receipt should be submitted to this office along with the Tender. The tender forms are not transferable. A bond in stamp paper worth Rs. 200/- should be enclosed with the Tenders agreeing to follow all the terms and conditions stipulated by the Commandant, India Reserve Battalion, Thirssur in the Tender document.**

8. **The bidder should have a valid GST registration.** Copy of GST registration certificate should be enclosed along with the tender.

9. **Earnest Money Deposit (EMD) should be furnished along with the Tender.** EMD may be



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submitted either in crossed Bank Drafts/Treasury Savings Bank Deposits/Government Promissory Notes/Bank Guarantee or National Saving Certificates drawn in favour of Commandant, India Reserve Battalion, Thrissur. The name of the firm and Tender number should be mentioned in the reverse side of the EMD and Tender cost. Firms which are exempted from furnishing EMD should produce a copy of relevant authorized document for verification.

10. Tender form without EMD and agreement will be rejected.

Commandant, India Reserve Battalion, Thrissur reserves the right to reject all or any of the tenders without assigning any reason whatsoever and the decision of the Commandant, India Reserve Battalion, Thrissur in regard to the acceptance or rejection of the Tender shall be final. In case the last date fixed for the receipt of the Tenders happened to be a holiday, the Tenders will be opened on the next working day at 03.30 PM by the Commandant, India Reserve Battalion, Thrissur or his nominee to finalize the same without any further intimation.

1	Cost of Tender Form (Original)	Rs.400/- +18% GST = Rs.400/- + Rs.72/-
2	Cost of Tender Form (Duplicate)	Rs.200/- + 18% GST = Rs.200/- + Rs.36/-
3	EMD	Rs.1500/-



Vahid P IPS
Commandant

- To : 1. www.keralapolice.gov.in 2. The Superintendent, Government Press, Thiruvananthapuram for publishing in Kerala Gazette with C/L. 3. Public Relations Officer, Thiruvananthapuram District for publishing in leading daily newspapers with C/L. 4. IGP, Cyber Operations, for publishing in Website with C/L.
- Copy To : 1. The State Police Chief, Kerala, Thiruvananthapuram for information with C/L 2. All DPCs for information. 3. All officers IRB / I/C QM for giving wide publicity. 4. Cashier, IRB for information and necessary action - Please collect the EMD & GST amount remitted by tenderer and remit at respective Accounts. 5. CA to CMT for information. 6. Notice Board, IRB

