



PUDUCHERRY POWER CORPORATION LIMITED

(A GOVERNMENT OF PUDUCHERRY UNDERTAKING)

PROJECT OFFICE, T.R. PATTINAM 609 606, KARAIKAL.

Phone: 04368-233060, 233344

Email: ppclmmc@gmail.com

Telefax: 04368-233355.

Ref. No: W-011/MMC/2022-23/1035

GSTIN No.34AAACP6507E1ZS

Dt 03.09.2022.

ENQUIRY

To

Sub: Inviting offer for the Procurement of Analytical Transmitters (Conductivity, pH and ORP) – Reg.,

QUOTATION TO BE:

Submitted on or before – 22.09.2022 @ 5PM	Opened on - 23.09.2022 @ 5PM
Kept valid for 3 months from the date of opening	Submitted in Two parts.

Sealed quotations are invited for the supply of Analytical Transmitters (Conductivity, pH and ORP) as per Specification enclosed in the annexure and as per the terms and conditions mentioned therein.

General Terms and conditions:

1. The rate quoted should be firm, inclusive of GST, freight and all other charges as admissible.
2. Applicable other charges, if any should be clearly mentioned. If not mentioned, it will be presumed that the rate quoted is inclusive of all other charges.
3. The materials should be original and as per the specification enclosed in the annexure only.
4. **EARNEST MONEY DEPOSIT:** An Earnest Money Deposit of **Rs 5400.00** (Rupees Five thousand and four hundred only) should be paid by demand draft drawn in favor of the EXECUTIVE ENGINEER (MECH.), Puducherry Power Corporation Ltd T.R. Pattinam, Karaikal on any Nationalized/Schedule bank payable at Karaikal. The earnest money deposit will bear no interest and will be released after successful supply of materials and acceptance.
5. Parties registered with NSIC or SSI/MSME is exempted for submitting EMD/SD. However copies of supporting Documents/Certificates should be kept in separate cover super scribing **"Earnest Money Deposit Exemption"**.
6. The party shall be required to place the earnest money and the tender in separate sealed envelopes marked "Earnest Money" and "Tender" respectively. Both the envelopes shall then be placed in another sealed envelope and submitted to the tender inviting authority in the usual manner. The officer opening the tenders shall first open the envelope containing the earnest money. If the earnest money is found to be in order, only then the Officer shall proceed further with opening the tender.
7. **Payment: 100%** Payment will be made within 30 days from the date of receipt of your invoice after receipt of materials in good condition. The **bill in triplicate** along with **Advance stamp fixed and signed receipt** should be sent to the undersigned for effecting payment.
8. The delivery period and mode of dispatch should be clearly specified.



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9. **Liquidity Damage Clause:** If the supplier fails to supply the materials within the delivery period, then supplier shall pay LD @ 0.5% for each week delay in supply and the total LD % will be subject to the maximum of 5% of the quoted rate.
10. Any loss or damage during transit to site should be made good by the supplier free of charge provided the same is reported within 15 days of the arrival of material at site.
11. Sealed quotation should be superscripted as "QUOTATION/ENQUIRY NO. W-011 for the supply of Analytical Transmitters (Conductivity, pH and ORP)" and sent by post or courier.
12. Quotation through e-mail or any other mode will not be accepted.
13. Our **GSTIN No.34AAACP6507E1ZS** is registered with Commercial Taxes Department, Puducherry. The GST number of the agency should be provided.
14. The undersigned reserves all rights to accept/reject the quotation without assigning any reasons thereof.

(Signature)
03/09/2022

EXECUTIVE ENGINEER (MECH)-PLANT



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Sl. No	Description	Qty Reqd.	Unit Rate (Rs.)	Total Amount (in Rs.)
1	Dual Input Analytical Transmitter (pH and Conductivity) As per the Instrument list and Datasheet in the annexure.	02 No's		
2	Dual Input Analytical Transmitter (ORP) As per the Instrument list and Datasheet in the annexure.	01 No		
Add: P&F Charges				
Add: Freight Charges				
Add: GST@ %				
Total Amount Rs.				

Commercial Terms and Condition:

Sl.No	Details	Terms in Tender	Terms Accepted by the Party
1	Price Quoted	F.O.R. PPCL, Site	
2	Payment Terms	Within 30 days after delivery of the materials.	
3	Validity	90 Days from date of opening of Tender	
4	Delivery Period	Vendor to specify	
5	Guarantee/warranty Period	As per the Standard Guarantee/Warranty Terms	
6	Acceptance of All the Terms and Condition of the Enquiry	To be Accepted	

Signature with Seal of the Party



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DATASHEET FOR CONDUCTIVE TRANSMITTER

Sl. No	Description	Specifications
Sensor Details		
1	Principle	Resistive conductivity measurement
2	Measuring Ranges	As per list mentioned in point no. 14.2
3	Relative accuracy	± 1% of full scale reading or better
4	Resolution	0.1 °C / °F
5	Relative Accuracy	± 0.5 °C (± 1.0 °F)
6	Temperature Sensor	PT100
7	Temperature Compensation	Auto / manual (reference at 25 °C)
Transmitter Details		
8	Type	Microprocessor based; Non-volatile memory
9	Power Supply	24 V DC; Loop Powered
10	Output	4-20 mA DC, 2 WIRE (HART)
11	Display	LCD/LED Type with simultaneous display of Sample Conductivity & Sample Temp.
12	Electromagnetic compliance(EMC)	EN 61 326
13	Ambient temp. operating range	0 to 45 °C
14	Maximum Relative humidity	80% up to 31°C decreasing linearly to 50% at 40°C
15	Programming	Both through HART 375/475 & Local Keypad
16	Housing Protection	IP 65 or better
17	Housing	Chemically resistant coating with Epoxy polyester painted.
18	Diagnostic Features	Sample Temp, Sensor fail, Electronics fail etc.

DATASHEET FOR PH /ORPTRANSMITTER

Sl. No	Description	Specifications
Sensor Details		
1	Principle	Combination electrode, Glass electrode with High purity pH measurement reference electrode.
2	Measuring Ranges	See Table PH below
3	Relative accuracy	± 1% of full scale reading or better
4	Resolution	0.1 °C / °F
5	Relative Accuracy	± 0.5 °C (± 1.0 °F)
6	Temperature Sensor	PT100
7	Temperature Compensation	Auto / manual (reference at 25 °C)
Transmitter Details		
8	Type	Microprocessor based; Non-volatile memory
9	Power Supply	24 V DC; Loop Powered
10	Output	4-20 mA DC, 2 WIRE (HART)
11	Display	LCD/LED Type with simultaneous display of Sample Conductivity & Sample Temp.
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INSTRUMENT LIST

O N . I S	TAG NO.	SERVICE	PROCESS PARAMETRES			INSTR. RANGE	CONNEC TION		ACCESSORIES	Mounting	Purpose	Remark
			MEDIUM	PRESSRUE	TEMP.		PROCESS					
PH & CONDUCTIVITY TRANSMITTER												
1	PH-1101	Gravity Filter Common Inlet PH	Water	1 KG/CM ²	40	0-14	1 / 2"NPT (M)	As Required	Wall / 2"Pipe Mount Type	Required for MB outlet	Combined in one Transmitter	
2	CI-1101	Gravity Filter Common Inlet Conductivity	Water	1 KG/CM ²	40	0-10 mS/cm	1 / 2"NPT (M)	As Required	Wall / 2"Pipe Mount Type	Required for MB outlet		
3	PH-2101	Mixed Bed - 2 Ph Transmitter	Water	5 KG/CM ²	50	0-14	1 / 2"NPT (M)	As Required	Wall / 2"Pipe Mount Type	Required for MB outlet	Combined in one Transmitter	
4	CI-2101	Mixed Bed - 2 Conductive Transmitter	Water	5 KG/CM ²	50	0-10 mS/cm	1 / 2"NPT (M)	As Required	Wall / 2"Pipe Mount Type	Required for MB outlet		
5	ORP-2101	Cooling Water Return Ph Meter	Water	5 KG/CM ²	50	-1000 to 1000 mV	1 / 2"NPT (M)	As Required	Wall / 2"Pipe Mount Type	Faulty Transmitter to be replaced	One Dual transmitter	