



Summary Sheet

NOTICE INVITING TENDER No. 610002366

1	Company Name	
2	Circle/ Division Name	O/o CGM/APPDCL/Vijayawada
3	Tender Notice No.	610002366
4	Name of Work	APPDCL - SDSTPS - Supply of 75 kg/hr Electrolyzer (2 X37.5Kg/hr) along with all accessories for ECP-1 & ECP-2 located at Stage-I CWP H
5	Estimated Contract Value	N/A
6	Period of Contract/Delivery period	3 Months FROM THE DATE OF RECEIPT OF PO
7	Tender Type	N/A
8	Tender Category	MATERIALS
9	Bid Security (EMD)	797,360.00 INR
10	Bid Security Payable to	SAO/APPDCL/VIJAYAWADA
11	Bid Submission closing Date & time	16.09.2026 15:00:00
12	Bid Validity	180 Days from the date of opening of price bid
13	Pre Bid Meeting	N/A
14	Pre Qualification/Technical Bid Opening Date (Qualification and Eligibility criteria)	16.09.2026 15:30:00
15	Price Bid Opening Date & Time EOI/PQB Opening date&Time	18.09.2026 15:00:00
16	Place of Opening of Tenders	
17	Contact Details	



NOTICE INVITING TENDER No. 610002366

Eligibility Criteria

SNO	APGENCO Requirement	Bidder Response
1	As per Tender Specification	



NOTICE INVITING TENDER No. 610002366

Technical Criteria

SNO	APGENCO Requirement	Bidder Response
1	As per Tender Specification	



NOTICE INVITING TENDER No. 610002366

Commercial Criteria

S.No	APGENCO Requirement	Bidder Response
1	As Per Tender Specification	



NOTICE INVITING TENDER No. 610002366

Item	Item Code	Item Description	UOM	QTY	Rate/Item	Plant
1	100187554	Electrolyzer to generate sodium hypo chlorite from sea water with Operating capacity of Electrolyzer: 37.5 Kg/hr along with all required accessories, complete assembly for installation equivalent to existing model: KLOROGEN®-S-HB35K of make: M/s Titanium Tantalum, Chennai. Type of Electrolyzer: Horizontal cylindrical, Modular Bipolar fins type, duty: continuous, range of control: 10-100%, operating pressure: 2.0 to 3.0Kg/cm ² , Design pressure: 7.5kg/cm ² , Mechanical design temperature: 50 deg C, Hydrostatic test pressure: 12.0Kg/cm ² , Sea water flow rate: 38.0m ³ /hr, Hypochlorite production concentration: 2000ppm(max), pressure drop across the electrolyzer: 1.0bar (approx.), feed amperage: 3750/3800Amps DC, Operating voltage: 100V DC(max) Material of construction: Anode Fins - Titanium Gr-1 with PLATMA coating, cathode fins: titanium Gr-1, anode & cathode base plates: titanium Gr-2, electrolyser housing: filament wound FRP+ PVC liner, spacers: PTFE, Gaskets: EPDM, Internal fasteners: titanium Gr-2, External fasteners: SS316 Physical dimensions (approximate values) : Overall dimensions: 4000mm, inlet to outlet c/c distance: 3000mm, overall diameter dimension: 650mm, process connection(inlet/outlet): 6"flanged-FF, ANSI B16.5, 150, weight(empty/operating)-approximate: 900/1300kg, Flow medium: Sea water, chloride content: 15000-25000ppm, TDS (total suspended solids) < 100ppm, TSS particle size: 500microns, pH: 7.2-8.3, Temperature: Min/ Normal/max: 15/30/35degC, Area classification: safe, location: indoor, ambient temperature: 50degC	NO	4.000		

Enclosure: