



**M.P. POWER GENERATING COMPANY LIMITED**  
**OFFICE OF THE ADDL. CHIEF ENGINEER (P&W)**  
**SHREE SINGAJI THERMAL POWER PROJECT, MPPGCL,**  
**An ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 certified station**  
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No. 515-1700/SSTPP/ PT-3686/ T-2025\_MPPGC\_464722/ 192

Dongalia, Date 08.04.2026

**TENDER SPECIFICATION / SCHEDULE**

**SUBJECT: – “Procurement of fine chemicals {Certified Reference Materials(standard solution ) – ISO 17034} for water and wastewater parameters for the purpose of obtaining NABL accreditation at SSTPP, MPPGCL, Dongalia.”**

Sr. No	Item name with Specification	Total qty
1	pH Buffer Solution 4.00 Certified Reference Material (CRM)	3000 ml
2	pH Buffer Solution 7.00 Certified Reference Material (CRM)	3000 ml
3	pH Buffer Solution 9.18 Certified Reference Material (CRM)	3000 ml
4	pH Buffer Solution 10.00 Certified Reference Material (CRM)	1000 ml
5	pH Buffer Solution 12.45 Certified Reference Material (CRM)	2000 ml
6	Conductivity standard Solution 1413 $\mu$ S/cm Certified Reference Material (CRM)	2000 ml
7	Conductivity standard Solution 147 $\mu$ S/cm Certified Reference Material (CRM)	2000 ml
8	Conductivity 12.88 ms/cm standard solution Certified Reference Material (CRM)	1500 ml
9	Silica standard solution 1.00 mg/liter SiO <sub>2</sub> in H <sub>2</sub> O Certified Reference Material (CRM)	800 ml
10	Silica standard solution 0.50 mg/liter SiO <sub>2</sub> in H <sub>2</sub> O Certified Reference Material (CRM)	800 ml
11	Silica standard solution 0.10 mg/liter SiO <sub>2</sub> in H <sub>2</sub> O Certified Reference Material (CRM)	1000 ml
12	Sodium Carbonate standard solution Certified Reference Material (CRM)	80 gm
13	Sodium Chloride standard solution Certified Reference Material (CRM)	80 gm
14	Conductivity 5 $\mu$ S/cm standard solution Certified Reference Material (CRM)	1000 ml

- Note- 1. Validity of CRM (17034 producer) - minimum 02 years from date of supply  
2. Partial supply of CRMs chemicals may be carried out as per requirement of user division

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**(Er. M. Kumar)**  
**Superintending Engineer (Purchase)**  
**SSTPP, MPPGCL, Dongalia**