

## Sodium Hypochlorite Solution

### Pre-Qualification Criteria:

| Sl. No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | vendor's Confirmation / Acceptance |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 1      | Vendor should either be a manufacturer or an authorized distributor and should submit the PO credentials for the supply of sodium hypo chlorite solution to any Industry / Company, central/ State Govt. Organization, PSU, Public listed company in the last 3 years period ending on the last date of the month previous to the month of floating the enquiry                                                                                                                                                                                    |                                    |
| 2      | Past Performance: The Bidder or its manufacturer (themselves or through authorized distributors) should submit PO credentials for supplying sodium hypo chlorite solution (cumulative) for 70% of bid quantity in a year during the last three years as mentioned in clause No 1 (Any intervening 12-month period is acceptable) to any Industry / institution, Central/ State Govt. Organization, PSU, Public Listed Company. Copies of relevant contracts to be submitted along with bid in support of quantity supplied in the relevant period. |                                    |
| 3      | Vendor to specify whether they are manufacturer or Authorized Distributor for the item in the enquiry.                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                    |
| 4      | Upload manufacture authorization<br>In case of Vendor being a dealer, Manufacturer Authorization Form (MAF) / Certificate with OEM details such as Name, Designation, Address, e-mail and phone No required to be furnished along with the bid.                                                                                                                                                                                                                                                                                                    |                                    |

### Terms & Conditions:

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| 1 | Material should be delivered with material safety data sheet (msds)at equalizing reservoir of bhel (located on the west side of thiruverumbur police station), trichy - 620014, tamilnadu.                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| 2 | The vendor has to deliver the material through his transport vehicle in his containers and collect empty containers through the same vehicle for subsequent staggered deliveries                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| 3 | Delivery should be staggered to supply 2100 litres per week (in cans/containers of capacity not exceeding 50 litres each)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| 4 | Each Batch Will Be Tested at BHEL's Plant Lab and Acceptance of Each Staggered Supply Will Be Given Only After Receipt of the Test Results. If The Sample Passes the Requirement, Only Then the Invoice Will Be Taken Up for Processing the Bill. If The Test Result Fails (I.E If the Chlorine Availability Is Less Than 10%), Acceptance Certificate Will Not Be Provided for The Consignment and Consequently the Invoice Will Not Be Processed. The Rejected Consignment Should Be Taken Out Within 3 Days From The Date Of Intimation Of Failure Of Results, Failing Which Bhel Will Dispose The Batch. |  |
| 5 | Apart from the regular staggered supply, if any additional quantity within the po quantity is required, it has to be supplied within 4 days from the date of demand given by bhel by phone call or message or email to the supplier.                                                                                                                                                                                                                                                                                                                                                                         |  |
| 6 | The supplier shall monitor the purchase order quantity and ensure the supply is within the ordered quantity.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 7  | The Rates Quoted Shall Be Operational from The Date of Awarding the Contract and The Period of Contract Will Be for One Year from The Date of Commencement. Further Extension Of Contract Period Or Enhancement Of The Quantity Shall Be Mutually Agreed And There Will Not Be Any Change In The Rates Or Conditions Of Supply . |  |
| 8  | Material should be securely and suitably packed to avoid transit damage and damaged supply will not be accepted.                                                                                                                                                                                                                 |  |
| 9  | The truck/ driver must possess 1) valid driving licence 2) vehicle insurance 3) certificate of registration 4) certificate from pollution control authority for the vehicle etc as applicable.                                                                                                                                   |  |
| 10 | The Supplier Has to Adhere to The Security Policy And Norms Of Bhel For Movement Of Vehicles And Materials. Supplier Should Produce Gate Entry Proof Of Previous Supply Before Taking Empty Containers Of The Previous Supply.                                                                                                   |  |
| 11 | Bhel will not be liable for any medical attendance, injury, loss of the persons engaged by the contractor in the preparation or transportation of the item to the said areas.                                                                                                                                                    |  |
| 12 | The original and dc with security gate entry seal and receipt acknowledgement of the shift in-charge of eq reservoir should be submitted to civil township stores by the supplier himself.                                                                                                                                       |  |

Supplier's Signature & Seal

## Sodium Hypochlorite Solution

### TECHNICAL SPECIFICATION:

| Sl. No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | vendor's Confirmation / Acceptance |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
|        | <ul style="list-style-type: none"> <li>Sodium Hypochlorite solution of concentration at least 10% or more with the following specifications</li> <li>Standards &amp; Certification - Governing Standard Generally confirming to IS 11673-Part 1 (Latest)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                    |
|        | <b>Requirement (Chemical/Physical) :</b> <ul style="list-style-type: none"> <li>Type of Grades Grade 1 - For house hold use</li> <li>Form - Liquid</li> <li>Relative density (at 25 Deg. / 25 Deg. C), Min 1.07 to 1.18</li> <li>Available chlorine (as Cl<sub>2</sub>), percent, mass by volume 4.0 to 6.0</li> <li>Total chlorine (as Cl<sub>2</sub>), percent, mass by volume 4.0 to 6.0</li> <li>Free alkali (as NaOH), g/l, Min -1.0</li> <li>Free sodium carbonate (as Na<sub>2</sub>CO<sub>3</sub>), g/l, Max 0.5</li> <li>Iron (as Fe), ppm, Max -0.4</li> <li>Sodium chlorate (as NaClO<sub>3</sub>), g/l, Max -0.2</li> <li>Packaging &amp; Marking Net Content of each container / pack Preferably in 35 litre</li> <li>Packaging Container Type Air-tight plastic containers</li> <li>Shelf Life Keeping Quality Not less than 30 days from the date of packing.</li> <li>Shelf Life at the time of Delivery 30 days from the date of delivery</li> <li>Test Reports - Agreed to furnish all the test reports and certificates to buyer / consignee on demand</li> </ul> |                                    |
|        | <b>Additional Specifications</b> <ul style="list-style-type: none"> <li>Colour: Pale Yellowish Green</li> <li>Type of lab which carried out Test of Complete Product to prove the conformity of product as per specification</li> <li>Test Report from Central Govt./NABL/ILAC Accredited Laboratory to prove conformity to specification</li> <li>Net Content of each container/pack - 20 Litre/50 litre/35 litre.</li> <li>Available chlorine (as Cl<sub>2</sub>), percent, mass by volume - 10 or Higher</li> <li>Total chlorine (as Cl<sub>2</sub>), percent, mass by volume - 10.0 or higher</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                    |

*Vendor's seal & signature*