

1000000 Live Plant and Animal Material and Accessories and Supplies											
10190000 Pest control products											
10191500 Pesticides or pest repellents											
Commodity : Temephos											
Selling Unit : vol-litre											
S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation/ Remark	M	F	G	Demand aggregation
REQUIREMENTS											
1	Constituents	Ch	The material shall consist of temephos, technical dissolved in suitable solvent(s), together with emulsifying agent(s), and with or without stabilizer(s)					√			
2	Temephos, technical employed in the manufacture of emulsifiable concentrates shall conform to 'Indian Standard specification for temephos, technical' (under preparation)	Ch	YES					√			
3	Description	Ch	The material shall be a stable liquid and shall be free from suspended matter and sediment					√			
4	Cold Test	Ch	To turbidity or separation of solid and/or oily matter shall occur when the material is subjected to the cold test at 10 °C as prescribed in 13.1 of IS : 6940-1982, or at any other lower temperature as agreed to between the purchaser and the supplier. Introduction of seeding crystal is not necessary for the test					√			

5	Flash Point (Abel)	Ch	When determined by the method prescribed in IS: 1448 [P: 20]-1982 the flash point of the material shall be above 24.5°C				√			
6	Emulsion Stability	Ch	Any separation, including creaming at the top and sedimentation at the bottom, of 100 ml of emulsion prepared in standard hard water with 5 ml of the concentrate for public health use and with 2 ml of concentrate for agricultural use, shall not exceed 2 ml when tested by one of the methods prescribed in 13.3 of IS : 6910-1982.				√			
7	Heat stability	Ch	After treating in accordance with the method prescribed in 13.4 of IS : 6940-1982 the material shall comply with the requirements specified in 2.2.1 to 2.2.4 and 2.3.1.				√			
8	Acidity	Ch	When tested by the method prescribed in 13.5 of IS: 6940-1982, acidity (as H ₂ SO ₄) shall be not more than 0.5 percent by mass				√			
9	Temephos Content , percent, by mass (m/m)	Ch	Up to 9 (+10/-5)	Above 9 and below 50 (±5)	50 and above (+5/-3)		√	√	√	

Packing											
10	Packing material	CH	mild steel of suitably and properly lacquered from inside	tin plate of suitably and properly lacquered from inside	aluminium				√	√	√
11	The stores shall be packed in 5 liters new dry leak-proof, sound non-returnable mild steel drums coated inside with material resistant to the content inside. The containers shall comply with general requirements updated in clause 2 of IS: 8190 (part II) 1992 (latest). The packing shall also confirm to the tariff rules in force from time to time for goods falling in the category of material of high flash point	CH	YES						√		
12	The contractors shall provide certificate from the fabricators of drums to the inspecting authority confirming that the drums conform to the above IS specification and the inspecting authority need not test drums before filling so as to minimize delay in inspection procedure.	CH	YES						√		
13	Packing size (in liter)	N	5						√		

Marking										
14	The containers shall bear legibly and indelibly the following information and any other information as is necessary under the Insecticide Act and Rule: a) Name of the material, b) Name of the manufacturer, c) Batch number, d) Date of manufacture, e) Net volume of contents, f) Nominal temephos content percent (m/m), and g) The minimum cautionary notice worded as in the Insecticides Act and Rules	CH	YES						√	
15	The containers may also be marked with the ISI Certification Mark	CH	YES						√	
16	In addition, the containers shall be marked GOVERNMENT OF INDIA SUPPLY Name of Buyer organisation () NOT FOR SALE	CH	YES						√	
Shelf Life										
17	Shelf Life (years). The expiry date i.e. the date up to which the insecticide shall retain its efficacy & toxicity shall be for a period of two years from the date of its manufacture that means the material shall meet with the requirements given in the specification above for a period of two years. This shall be guaranteed by the firm with a certificate in this regard which shall have to be furnished along with the documents, at the time when the stores are offered for inspection, the life of larvicides should not have passed more than 1/6th of the effective life of the same counted from the date of manufacture.	CH	YES						√	

Certification										
18	Conforming to IS: 8498(Latest)	CH	YES					√		
19	CM/L Number for ISI certification mark (Must declare)	CH	Text					√		
Test Report Details										
20	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes					√		
21	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes					√		
Registration										
22	The product and the firm shall have to be registered by the Registration Committee. Central insecticide Board, Directorate of Plant Protection & Quarantine, Department of Agriculture, Ministry of Agriculture for Public Health use. The product should have been field tested by authorized institution and found suitable for use as spray for control of mosquito vectors.	CH	YES					√		