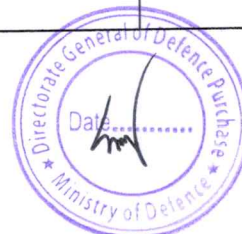


TENDER SPECIFICATION OF INSECTICIDE LIQUID

Ser	BN Requirements	Supplier's Response/Offer
1.	<u>Name of the Item.</u> Insecticide Liquid	
2.	<u>Purpose.</u> Mosquito Killing Insecticides for Fogger Machine.	
3.	<u>Quantity.</u> 28,250 Ltr	
4.	<u>Brand.</u> To be mentioned	
5.	<u>Year of manufacture.</u> 2026 or Later	
6.	<u>Self Life.</u> 24 months shelf life from the date of acceptance by BN.	
7.	<u>Country of Origin.</u> To be mentioned	
8.	<u>Manufacturing Country.</u> To be mentioned	
9.	<u>Manufacturer's Name and Address.</u> To be mentioned	
10.	<u>Source of Supply.</u> To be mentioned.	
11.	<u>Source of Raw Material.</u> To be mentioned (if applicable)	
12.	<u>Port of Shipment.</u> To be mentioned (if applicable)	
13.	<u>Supplier/Local Agent.</u> Name and full address with email is to be mentioned.	
14.	<u>Sample.</u> 03x100ml and 3x400 ml total 06 in no glass type bottles to be submitted with the offer for testing purpose. Items are to be supplied as per approved sample.	
15.	<u>Description of the Chemical Agents.</u> The product consists of a ready to use concentrate of Permethrin 0.5%, Esbiolethrin 0.1% & Tetramethrin 0.2% as the active ingredient which in combination act as an adulticide for the adult mosquitoes. The combination of the product provides a wide spectrum of activity for killing the mosquitoes as well as prevents the development of resistance to a particular agent. These three agents remain potent against the vectors for a longer period & kill almost all types of mosquitoes by producing the neurotoxicity. The description of the each ingredients are as follows: a. <u>Permethrin.</u> Permethrin is a pyrethroid pesticide. It kills mosquitoes & other sensitive pests when gets in contact with it. It is generally used in tropical area to prevent mosquito-borne disease such as dengue fever, Malaria etc. b. <u>Esbiolethrin/S-Biolethrin.</u> Esbiolethrin/S-biolethrin is a synthetic pyrethroid used as a pesticide against household insects such as mosquitoes. It acts synergistically with other insecticides for controlling mosquitoes. c. <u>Tetramethrin.</u> Tetramethrin is a potent synthetic pyrethroid insecticide. If released into the air, Tetramethrin can exist as vapor. The half-life of this vapor is approximately 03 (three) hours. So, It can retain the efficacy for a reasonable duration after fogging.	
16.	<u>Chemical Composition:</u> (Formulated with suitable inert solvent) a. Permethrin 0.5% b. Tetramethrin 0.2% c. Esbiolethrin/S-biolethrin 0.1%	



17.	<u>Physical and Chemical properties:</u> a. Appearance: Clear to yellowish liquid b. Odor: Slight to pleasant c. Relative Density: 0.79-0.83 d. Solubility: Immiscible with water e. Boiling point: >100°C f. Assay: The amount of each ingredients should be within $\pm 15\%$ of the declared content. g. Efficacy: Must kill 80% of the test insect after 1 hour of application and 100% after 24 hour of application. h. Chemical Stability: Should be stable under normal storage condition. j. Product presentation: Packaged in HDPE/LDPE/Metal container suitable for institutional supply with appropriate label.	
18.	<u>Bidder's Qualification.</u> The bidder must have adequate knowledge in understanding all the technical criteria and ability to fulfill those in clear terms given in the specification. The supplier has to ensure that the source is either to be manufacturer or dealer/agent of the responsive manufacturer (having clear existence in the manufacturer's authorization and website/fax & e-mail address) or sub-agent of the respective agent (having authorization from authorized dealer).	
19.	<u>Labeling & Marking of the Packages.</u> Item should be packed in a suitable clean plastic containers. Each plastic container should be weighing either 05/10/20 Ltr of chemicals. The following information should be legibly marking or mentioned on the containers surface: a. Name of the contents b. Manufacturer's name c. Net weight of the contents: 05/10/20 Ltr (without container). d. Date of expiry e. Date of production f. Dilution instructions g. Detail using instructions h. Safety measures & precautions	
20.	<u>Certificate and Document of Authentication.</u> The supplier must provide following original certificates/ documents as applicable with the quotation during delivery of items as regard to the genuinely source of items in order to establish chain of links from the original source to supply items. a. One certificate by the Original Manufacturer (OM) in favour of the local supplier (in case of OM as principal). b. Two certificates one by the OM to authorized dealer/agent and other by the authorized dealer/agent to supplier (in case of authorized dealer/agent as principal). c. Three certificates, one by the OM to authorized dealer/agent, second one by the authorized dealer/agent to sub-agent and third one by the sub-agent to supplier (in case of sub-agent as principal). d. Registration Certificate with PHP No e. Import Certificate f. Authenticity and Genuineness Certificate g. Quality Assurance Certificate h. Warranty Certificate	



21.	Warranty: 01 (One) Year from the date of Acceptance.				
22.	Packing. To be supplied inside 05/10/20 Ltr Plastic Container.				
23.	Evaluation of Tender Offer(s). Tender offers will be evaluated on the basis of following:				
	a. Quality of material				
	b. Outlook of sample				
	c. Chemical Test				
	d. Other parameters given in the specification				
	e. Price				
24.	Inspection and Test.				
	a. Concern supplier will bear the cost of the test and TR copy must be attached with the offer.				
	b. CINS will carry out inspection and chemical test of the consignment to ensure the quality.				
25.	Inspection by Consignee. At the time of delivery consignee will inspect the following:				
	a. Packaging				
	b. Marking				
	c. Quantity				
	d. Warranty Certificate				
	e. Endorsement of CINS as to inspection and acceptance.				
26.	Supplier's Service and Responsiveness. Supplier must reply to buyer's query within 07 working days of raising the query. Otherwise BN may cancel the offer.				
27.	Delivery Schedule. Items are to be delivered as per tender instruction. After inspection by CINS at supplier's cost. Delivery schedule for the procurement quantity is mentioned below:				
	Name and Address of Consignee	Quantity	Installments	Delivery time from the date of signing contract	
	OIC NSSD Dhaka	6,000 Ltr	01	45 Days	
	CO NSD CTG	7,250 Ltr			
	CO NSDK	15,000 Ltr			
28.	Payment Terms. Payment will be made in local currency on completion of delivery and acceptance by BN.				
29.	Liquidated Damage (LD). LD for late delivery will apply as per existing rules.				
30.	Validity of Offer. 30 June 2027				
31.	Price Quotation. Price is to be quoted in local currency <u>without import duty</u> as follows:				
	Name of item	Deno	Qty	Unit Price	Total Price
	Insecticide Liquid	Ltr	28,250		



4212
M NAIMUL HOQUE
Commander BN
Deputy Director of Naval Stores
Naval Headquarters
Banani, Dhaka-1213