

SPECIFICATION OF ADULTICIDE PREMIX LIQUID INSECTICIDE (PERMETHRIN 0.5%, TETRAMETHRIN 0.2% & S-BIOALLETHRIN 0.1%) (ADULTICIDE)

1. It should be safe for human being.
2. It should have 90% - 100% adulticidal action on mosquitoes and flies when used at a concentration prescribed by the manufacturer.
3. It should not be toxic to beneficial insects, birds and domestic animals.
4. It should be readily broken down into non-toxic ingredients in the environment within a reasonable time period.
5. The chemical should have registration on Plant Protection Wing, Ministry of Agriculture as adulticide in the Public Health Sector.
6. It should have residual effect for a duration of not more than 2 (Two) weeks.
7. Chemical and physical characteristics : The material sampled from any part of the consignment, shall comply with the following requirement :

a.	<u>Formulated Products</u>	:	
(1)	Identity/Appearance	:	Clear to yellowish Liquid
(2)	Odor	:	Slight to pleasant
(3)	Relative density	:	0.79 – 0.83
(4)	Content of active ingredients	:	Adulticide Premix Liquid Insecticide (Permethrin 0.5%, Tetramethrin 0.2% & S-bioallethrin 0.1%) (Adulticide). Formulated with suitable inert solvent.
(5)	Water content/Moisture	:	Nil
(6)	Chemical Stability	:	Should be stable under normal storage condition.
(7)	Solubility	:	Immiscible with water
(8)	Boiling Point	:	>100 <sup>0</sup> C
(9)	Assay	:	The amount of each ingredient should be within $\pm 15\%$ of the declared content.
(10)	Efficacy	:	Must kill 80% of the test insect after 1 hour of application and 100% after 24hours of application.

8. It will be tested in AFF&D Lab / IEDCR and field trialed by the medical authority of BAF for acceptance.

**TERMS & CONDITION FOR THE PROCUREMENT OF ADULTICIDE PREMIX LIQUID INSECTICIDE (PERMETHRIN 0.5%, TETRAMETHRIN 0.2% & S-BIOALLETHRIN 0.1%) (ADULTICIDE)**

1. Item must be of latest products. Production date is to be mentioned in the offer.
2. Country of origin/manufacturer: should be mentioned by the bidder.
3. If the supplier is not the manufacturer necessary particulars (Name and address) of the manufacturer / formulator as well as assurance certificate from the manufacturer / formulator for supply of items / stores as per contract specs, terms and conditions is to be provided along with quotations. Registration No from plant protection wing, Khamar Bari, Farmgate, Dhaka is also to be mentioned in quotation.
4. Quotations are to be submitted along with sample of Temephos 50EC (Larvicide) **qty 11 (4 X 500 ml bottles, 5 X 200 ml bottles & 2 X 100 ml bottles)** transparent glass bottles with aluminium cork and sealed. Quotations will not be considered without sample. Dosage rate of the item is to be mentioned in the attached label with the sample bottle Quotation.
5. Chemical test fee for each sample **Tk = 500/- (Five hundred) & VAT (15%) for Chemical test fee Tk = 75/-** are to be deposited to Bangladesh Bank / Sonali Bank through TR against TR code No. 1430201-1422329 & 1-1133-0035-0311 respectively. TR form original & duplicate copy is to be deposited with sample bearing fol information:
  - a. TR code No. 1430201-1422329 (Bangladesh Bank / Sonali Bank)
  - b. PHP No
  - c. Name of the manufacturer / formulator / dealer / vendor.
6. **Certificate of Registration of Pesticide (Updated License) & License to Import Pesticides (Updated License)** should be submitted along with the sample for chemical test.
7. Technical literature is to be submitted along with the offer.
8. Self life/calendar life is to be at least 02 years.
9. Certificate (with date of production and date of expiry of item, percentage of ingredients, field trial and chemical analysis report) is to be provided by the manufacturer / formulator at the time of delivery of items.
10. The chemical agent Adulticide Premix Liquid Insecticide (Permethrin 0.5%, Tetramethrin 0.2% & S-bioallethrin 0.1%) (Adulticide), when supplied should be packed in HDPE/LDPE/Metal **container suitable for institutional supply with appropriate label and sealed**. Date of production and date of expiry must be mentioned on the containers.
11. Delivery is to be completed within 4 months after signing of contract.
12. If the supplied items are found defective / improper during inspection the same are to be replaced by the supplier at their own risk, arrangement and expenses within 60 days.
13. Necessary lab test will be carried out while receiving the bulk supplied items against the contract.
14. Part delivery and part payment are not allowed.
15. **Delivery and Inspection Place.** 201 MU BAF, Dhaka Cantonment, Dhaka. Inspection of the items will be carried out by CQCU BAF.
16. Air HQ may decrease/increase the indented quantity of items without any reason.
17. **Payment Terms.** Payment will be made on receipt of written clearance from DGDP after satisfactory acceptance of the contracted items by BAF, after inspection/functional test (as applicable), on production of Certificate Receipt Voucher (CRV) from 201 MU BAF.
18. Any other terms and conditions are not covered here will be as per 201MU/DGDP rules and regulation.