

SPECIFICATIONS OF TEMEPHOS 50EC (LARVICIDE)

1. It should be safe for human being.
2. It should have 90% - 100% parricidal action on larva/young mosquitoes and maggot 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 parricidal in the Public Health Sector.
6. It should have residual effect for a duration of not more than 02 (Two) weeks.
7. **Chemical and physical characteristics.** The material sampled form any part of the consignment, shall comply with the following requirement :

a.	<u>Formulated Products</u>	:	
(1)	Identity/Appearance	:	Liquid
(2)	Odor	:	Organophosphate odor
(3)	Type of formulation	:	Emulsifiable concentrate
(4)	Content of active ingredients	:	50% Technical Temephos
(5)	Water content/Moisture	:	Maximum 0.2%
(6)	Specific gravity	:	1.033 ($\pm$ 0.02)
(7)	Acidity	:	0.5% Maximum as H ₂ SO ₄
(8)	Alkalinity	:	0.5% Maximum as NaOH

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 TEMEPHOS 50EC (LARVICIDE)

1. Item must be of latest products. Production date is to be mentioned in the offer.
2. Country of origin/manufacture: 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 (04 x 500 ml bottle, 05 x 200 ml bottle & 02 x 100 ml bottle) transparent glass bottles with aluminum 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 Quotations.
5. Chemical test fee for each sample Tk 500.00 (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 (Up-to-date Certificate) & Licence to Import Pesticides (Up-to-date 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 Temephos 50EC (Larvicide), when supplied should be packed in suitable clean plastic containers with sealed. Each air tight best quality and durable plastic container should be weighing either 01 or 05 liters of chemicals. 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.
16. Air HQ may decrease/increase the indented quantity of items without any reason.
16. **Payment Terms.** 100% 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.
17. Any other terms and conditions are not covered here will be as per DGDP rules and regulation.



ANNEX 'A' TO
TEN NO: 277.07.017.25
DATE JUL 26

SPECIFICATIONS 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)	Odour	:	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° 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 24 hours 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 Adulticide Premix Liquid Insecticide (Permethrin 0.5%, Tetramethrin 0.2% & S-bioallethrin 0.1%) (Adulticide) qty 11 (04 x 500 ml bottle, 05 x 200 ml bottle & 02 x 100 ml bottle) transparent glass bottles with aluminum 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 Quotations.
5. Chemical test fee for each sample Tk 500.00 (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 (Up-to-date Certificate) & Licence to Import Pesticides (Up-to-date 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.
15. Air HQ may decrease/increase the indented quantity of items without any reason.
16. **Payment Terms.** 100% 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.
17. Any other terms and conditions are not covered here will be as per DGDP rules and regulation.

SPECIFICATIONS OF LAMDACYHALOTHRIN 2.5 EC (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. **Formulated Products** :
- | | | |
|------------------------------------|---|--|
| (1) Identity/Appearance | : | Liquid in form, colour is Yellow/Brown/Straw/Amber |
| (2) Odor | : | It is odorless |
| (3) Type of formulation | : | Emulsifiable concentrate (EC) |
| (4) Content of active ingredients: | : | Lambda Cyhalothrin. The Lamdacyhalothrin content shall be 2.5% W/W (25g/L) at 20° C and when determined the content obtained shall not differ by $\pm 5\%$. |
| (5) Water content/Moisture | : | Nil |
| (6) Specific gravity | : | 0.89 (± 0.05) g/cm ³ at 20° C |
| (7) Emulsion Stability | : | Readily forms an emulsion with water. Not more than trace on top or be torn cream after 1 hour. |
| (8) Corrosiveness | : | Not corrosive to metals or other materials used in spray equipment. |

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 LAMDACYHALOTHRIN 2.5 EC (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 Lamdacyhalothrin 2.5 Ec (Adulticide) qty **11 (04 x 500 ml bottle, 05 x 200 ml bottle & 02 x 100 ml bottle) transparent glass bottles with aluminum 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 Quotations.
5. Chemical test fee for each sample Tk 500.00 (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 (Up-to-date Certificate) & Licence to Import Pesticides (Up-to-date 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 Lamdacyhalothrin 2.5 Ec (Adulticide), when supplied should be packed in suitable **clean plastic containers with sealed.** Each air tight best quality and durable plastic container should be weighing either 01 or 05 liters of chemicals. 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.
16. Air HQ may decrease/increase the indented quantity of items without any reason.
16. **Payment Terms.** 100% 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.
17. Any other terms and conditions are not covered here will be as per DGDP rules and regulation.