

**Amendment No. 1****Date: 16-03-2019****Sub: Amendment to e-Bid Enquiry Document.****Ref: e-Bid Enquiry No.: HLL/PCD/e-MCD-04/18-19 dated 08-03-2019****INVITATION OF e-BIDS (IFeB)****FOR:**

Sl. No.	e-Bid Ref.No. (Event No.)	Brief Description of item	Approximate Required Qty.	Bid Processing fee*(in Rupees)	Bid Security (In Rupees)
1	3000003948	Temephos 50% EC	4,200 Ltrs	1,180	1,33,200
2	3000003949	Temephos 1% Granules	92,000 Kgs	1,180	2,49,700
3	3000003950	Pyriproxyfen 0.5% GR	1,500 Kg	590	1,23,750
4	3000003951	BioIarvicide Bacillus Thuringiensis Var Israelensis (5% WP) strain-164,Serotype H-14 OR BioIarvicide Bacillus Thuringiensis Var Israelensis (5% WP) strain-ABIL,Serotype H-14, Accession No.01318 OR Bacillus Thuringiensis Var Israelensis (12AS) BTI	70,000Kg OR 2,80,000 Kg OR 56,000 Ltrs	3,540	22,40,000
5	3000003952	Diflubenzuron 25% WP	14,000 Kg	3,540	18,50,100
6	3000003953	Alphacypermenthrin 5% WP	6,000 Kg	236	39,900
7.i	3000003954	Cyphenothrin 5% EC or its equivalent Or	2,200 Ltrs Or	1,180	1,48,500
7.ii	3000003955	(a) Malathion Technical	7,000 Ltrs	590	90,300
	3000003956	(b)Pyrethrum Extract 2%	8,000 Ltrs	3,540	6,00,300

**READ AS:**

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		Or	Or		
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	3000003956	(b)Pyrethrum Extract 2%	8,000 Ltrs	3,540	6,00,300

**INSTRUCTIONS TO BIDDERS (ITB)****FOR:**

6.2 The purchaser will evaluate bids based on all inclusive total Unit price (inclusive of all taxes) quoted for the item in question at Consignee's site basis. Unit price here means equivalent units.

**For item sl.no.4 of IFeB:**

Here, 0.8 Liter of BTI AS = 1 Kg for BTI WP Strain 164 = 4 Kg for BTI WP Strain ABIL.

**READ AS:**

6.2 The purchaser will evaluate bids based on all inclusive total Unit price (inclusive of all taxes) quoted for the item in question at Consignee's site basis. Unit price here means equivalent units.

**Deleted**

**SCHEDULE OF REQUIREMENTS (SOR)****FOR:**

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**SECTION VI**  
**TECHNICAL SPECIFICATIONS**

**Added As:**

**Sl.No.1**  
**Temephos EC 50%**

**Description of Stores** : Temephos 50% EC confirming to IS 8498 to No. IS No.8498 1977 with amendment no. 1 & 2 bearing ISI certificate mark.

**Shelf life/Efficacy** : The expiry date i.e. the date upto which the insecticide shall retain its efficacy and toxicity shall be for a period of two years from the date of its manufacture that means the material shall meet with the requirement given in the specification above for a period of two years. This shall be guaranteed by the firm and certificate in this regard shall have to be furnished along with the bid documents at the time when the stores are offered for inspection, the life of larvicide/insecticide should not have passed more than 1/6th of the effective life of the same counted from the date of manufacture.

**Packing & Marking** : **Packing**:-The stores shall be packed in 5 Litres, new dry leak proof, sound non-returnable mild steel tins confirming to the ISI specification No.IS:2552-1989 and the packing shall comply with the general requirements stipulated in ISI: 8190(Para II-2)1980 and 1988 (Second

revision).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. The supplier shall provide certificate from the fabricators of drums to the inspecting authority confirming that the drums confirm to the above IS specification.

**Marking:-**

The container shall bear legibly and indelibly the information as per clause 3.2 of IS:8498-1977 with amendment No.1 & 2 and as per the Insecticide Act 1968 and rules made there under. The containers shall be marked with ISI certification mark as mentioned in clause 3.2.1 of IS:8498-1977.In addition, the containers shall be marked

**North DMC supply-NOT FOR SALE**

In addition to the above, the container shall bear legibly & indelibly the above information and any other information as necessary under the insecticide Act & Rules.

- **The Insecticides should be suitable for storage & use in Delhi.**
- The Insecticide should be approved by NVBDCP for use under vector Borne Disease Control Programme.
- The product should be registered with Central Insecticide Board (CIB) and the registration should be valid on the date of tender opening. Regarding source of Technical material the bidder shall prove with documents in compliance to CIB&RC notice No. F.No.11-1/2012-CIR-II dated 23.04.2015 & F.No.6-FI/9(3)/2007-CIR.II dated 16.08.2016.

**Sl.No.2****Temephos 1% Granules****1 Description:- Temephos Granules 1% conforming to WHO/SIF/40.R1 Revised December 1999.**

**1.1 Description:** The material shall consist of a homogeneous mixture of technical temephos, complying with the requirements of the WHO specification WHO/SIT/19.R4, together with silica sand and any necessary formulants. It shall be in the form of dry free-flowing and essentially non-dusting granules.

**1.2 Chemical & physical requirements:** The material, sampled from any part of the consignment (see method WHO/M/1.R1), shall comply with the requirements of section 1.1 and with the following requirements:

1.2.1 Temephos content (g/kg basis) : The temephos content shall be declared as 10 g/kg and when determined by the method described in section 2.1, the average measured content shall not differ from that declared by more than  $\pm 25\%$ .

1.2.2 Sieving: Not less than 98% of the granules shall pass through a 1.25 mm sieve and not more than 2% shall pass through a 250  $\mu\text{m}$  sieve when tested by the method described in section 2.2.

1.2.3 Apparent density: The apparent density shall be not less than 1.30g/mL and not more than 1.60g/mL when tested by the method described in section 2.3.

**1.1 Packing & Marking of Packages :** The temephos sand granules shall be packed insuitable, clean, airtight containers as specified under. All packages shall bear, durably & legibly marked on the container, the following:

Manufacturer's Name

Temephos sand granules

Temephos Content

Batch or reference number and date of test

Net weight of contents

Date of formulation

Instruction for use

And the following minimum cautionary notice:

**“Temephos is an organ phosphorus compound that inhibits cholinesterase. Keep the material out of the reach of children and well away from food stuffs, animal feed, and their containers.”**

**Shelf life/Efficacy: One and half Years Life (Eighteen Months):**

The expiry date i.e. the date up to the insecticide shall retain its efficacy and toxicity shall be for a period of one and half years (Eighteen months). This shall be guaranteed by the firm and certificate in this regard shall have to be furnished along with the bid documents and also at the time when the stores are offered for inspection. The life of larvicide / insecticide should not have passed more than 1/6<sup>th</sup> of the effective life to the same counted from the date of manufacture at the time of delivery to the consignee & stores should not be offered for inspection or despatched more than two months after the manufacturing date.

**Packing & Marking: Packing: -**

The stores shall be packed in 1 kg Tin container. The tin container should be made of such materials that can retain the efficacy and toxicity of Temephos Granules 1% as mentioned in Shelf Life. The stores shall be packed as per the relevant BIS or where the specification have not been published by the Bureau of India Standards, according to the specification as indicated in the CIB registration certificate. The CIB registration certificate shall mention clearly the shelf life of the product as 1½ years (18 months). CIB registration certificate mentioning the shelf life as provisional shall not be considered and the bid may be summarily rejected. 1 kg tin pack with lid shall be provided along with 10 Nos of plastic scoops per 1 kg pack.

**Marking: -** The container shall be marked as follows:

**North Delhi Municipal Corporation (NDMC) supply-NOT FOR SALE**

In addition to the above, the container shall bear legibly & indelibly the above information and any other information as necessary under the insecticide Act & Rules.

The product should be registered with Central Insecticide Board (CIB) and the registration should be valid on the date of tender opening. Regarding source of Technical material the bidder shall prove with documents in compliance to CIB&RC notice No. F.No.11-1/2012-CIR-II dated 23.04.2015 & F.No.6-FI/9(3)/2007-CIR.II dated 16.08.2016.

**Sl.No.3**

**Pyriproxyfen 0.5% GR**

(INSECT GROWTH REGULATOR) AS LARVICIDE

The larvicide shall conform to the specification as per Registration Committee of Central Insecticide Board and for standards to be published by the Bureau of Indian Standards. Pyriproxyfen 0.5% GR (IGR) should conform to the relevant Indian standard specification.

**Registration-** 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 for mosquito larvae control of disease vectors.

**Shelf Life / Efficacy-** The expiry date i.e. the date up to which the larvicide 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 shall have to be furnished along with the documents. At the time when the store 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.

**Packing-** The product shall be imported in 20 Kg Kraft paper bag confirming to JISP 3401, JISP 3902 and JISP 3904. This Kraft paper bag shall be Aluminium coated by vapour depositions. Bilaminated pouch of Polyester 12 micron and LDPE 120 micron layer shall be repackaging in 500gm, 1 Kg & 5Kg capacities. Fibre board drums shall be the transport packaging as per the relevant IS. No other packaging system shall be used without approval of Registration Committee. A leaflet as approved by the Registration Committee should be affixed to the packaging containing larvicide and shall be printed in English, Hindi & in regional languages indicating product detail, direction for use, precautions, symptoms of poisoning and first aid with antidote if any, disposal of used containers, storage conditions and manufacturer's name etc.

**Marking-** The following information shall be marked legibly and indelibly on each container as per the relevant IS specification in addition to the information required under the Insecticide Act 1968 and rules framed there under: a) Name of the Material; b) Name of the manufacturer; c) Date of manufacture; d) Date of expiry; e) Batch number; f) Net mass of contents; g) Nominal Pyriproxyfen content h) Minimum cautionary notice as worded in the Insecticide Act, 1968 and rules framed thereunder; i) Any other information required under the Standards of Weights and Measures (Packaged Commodities) Rules, 1977. In addition, the container shall be marked.

**North Delhi Municipal Corporation (NDMC) supply-NOT FOR SALE**

The product should be registered with Central Insecticide Board (CIB) and the registration should be valid on the date of tender opening. Regarding source of Technical material the bidder shall prove with documents in compliance to CIB&RC notice No. F.No.11-1/2012-CIR-II dated 23.04.2015 & F.No.6-FI/9(3)/2007-CIR.II dated 16.08.2016.

**Sl.No.4**  
**Diflubenzuron 25% WP**

(INSECT GROWTH REGULATOR) AS LARVICIDE

SI No.	TECHNICAL SPECIFICATION
1.	The larvicide shall conform to the specification as per registration committee and for standards to be published by the Bureau of Indian Standards. Diflubenzuron 25% WP (IGR) should conform to the standards specified by IS vide No.14186-1994 and amended thereof.
2.	Registration: 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 for mosquito larvae control of disease vectors.
3.	Shelf Life/Efficacy: The expiry date i.e. the date up to which the larvicide 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.
4.	Packaging: The material shall be packed in 500 gms in LDPE bags as approved by Registration Certificate and IS specification of Diflubenzuron WP under heading Packaging. The containers of packaging shall also comply with the general requirements as specified in 2 of IS: 8190(part I): 1980, 1988 & amendment thereof, if any.  Leaflet as approved by the Registration Committee should be affixed to the packaging containing larvicide and shall be printed in English, Hindi & in regional languages indicating product detail, direction for use, precautions, symptoms of poisoning and first aid with antidote if any, Disposal of used containers, storage conditions and manufacturer's name etc.
5.	Source of Technical Material The product should be registered with Central Insecticide Board (CIB) and the registration should be valid on the date of tender opening. Regarding source of Technical material the bidder shall prove with documents in compliance to CIB&RC notice No. F.No.11-1/2012-CIR-II dated 23.04.2015 & F.No.6-FI/9(3)/2007-CIR.II dated 16.08.2016.

**6. Marking:** The following information shall be marked legibly and indelibly on each container as per IS specification IS 14186:1994, in addition to the information required under the Insecticide Act 1968 and Rules framed thereunder:

- a) Name of the Material;
- b) Name of the manufacturer;
- c) Date of manufacture;
- d) Date of expiry;
- e) Batch number;
- f) Net mass of contents;
- g) Nominal Diflubenzuron contents (m/m);
- h) Minimum cautionary notice as worded in the Insecticide Act, 1968 and rules framed thereunder; and
- i) Any other information required under the Standards of Weights and Measures (Packaged Commodities) Rules, 1977.

In addition, the container shall be marked:

**North Delhi Municipal Corporation (NDMC) supply-NOT FOR SALE**

**The Insecticides should be suitable for storage & use in Delhi.**

**Sl.No.5**

**Alphacypermenthrin 5% WP**

1. Insecticide should be registered with CIB and the registration should be valid on the date of tender opening. Regarding source of Technical material the bidder shall prove with documents in compliance to CIB&RC notice No. F.No.11-1/2012-CIR-II dated 23.04.2015 & F.No.6-FI/9(3)/2007-CIR.II dated 16.08.2016.
2. Approved by NVBDCP for use as insecticide in NCR as indoor residual spray under Vector Borne Disease Control Programme.
3. Available shelf life at the time of supply should be at least 5/6th of CIB approved shelf life.
4. Suitable for storage and use in Delhi
5. Supply should be labelled as **“NDMC Supply-NOT FOR SALE”**.
6. Marking: the containers shall bear following information legibly and indelibly in addition to the information required under Insecticide Act, 1968 and rules framed there under:-

**a North DMC Supply -NOT FOR SALE**

- b) Name of the material
- c) Name of the manufacturer
- d) Date of manufacture & date of expiry
- e) Batch No.
- f) Net mass of contents
- g) Nominal pesticide content percentage
- h) Contract No. and date
- i) Minimum caution notices as per the Act.



**Sl.No.6**

**Cyphenothrin 5% EC or its equivalent**

The insecticide shall conform to the specification as per registration committee of Central Insecticide Board and for standards to be published by the Bureau of Indian Standards. Cyphenothrin 5% EC should conform to the standard specified by IS vide No.15979:2012 and amended thereof.

**Registration-** 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 for adult mosquito control of disease vectors. Regarding source of Technical material the bidder shall prove with documents in compliance to CIB&RC notice No. F.No.11-1/2012-CIR-II dated 23.04.2015 & F.No.6-FI/9(3)/2007-CIR.II dated 16.08.2016.

**Shelf Life / Efficacy-** 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 shall have to be furnished along with the documents. At the time when the stores are offered for inspection, the life of insecticides should not have passed more than 1/6th of the effective life of the same counted from the date of manufacture.

**Packaging-** The stores shall have to be packed as per Registration Certificate (in 100 ml, 250 ml, 500ml, 1 lt. & 5 lt.) in tin container suitable lacquered from inside with leak proof and pilfer proof closure system confirming to IS: 9992-1991 and its subsequent amendment thereof, if any.

A leaflet as approved by the Registration Committee should be affixed to the packaging containing insecticide/adulticide and shall be printed in English, Hindi & in regional languages indicating product detail, direction for use, precautions, symptoms of poisoning and first aid with antidote, disposal of used containers, storage conditions and manufacturer's name etc.

**Marking-** The following information shall be marked legibly and indelibly on each container in addition to the information required under the Insecticide Act 1968 and rules framed there under:

- 1 Name of the Material;
- 2 Name of the manufacturer;
- 3 Date of manufacture;
- 4 Date of expiry;
- 5 Batch number;
- 6 Net quantity;
- 7 Nominal Cyphenothrin contents, percent(m/m);
- 8 Minimum cautionary notice as worded in the Insecticide Act, 1968 and rules framed thereunder;
- 9 Any other information required under the Standards of Weights and Measures (Packaged Commodities) Rules, 1977.

In addition, the container shall be marked: **NDMC Supply- NOT FOR SALE**

Sl.No.7

**Malathion Technical**

**1. Description:** - Malathion Technical as approved by NVBDCP for fogging operations under vector Borne Disease control Programme.

- a. ISI /WHO specification.
- b. Shelf life should be as approved by CIB. Available shelf life at the time of supply should be 5/6th of CIB approved shelf life.
- c. The insecticides should be approved by NVBDCP for use under National Vector Borne Disease Control Programme
- d. suitable for storage and use in Delhi.
- e. Insecticide should be registered with CIB.
- f. The supplier shall replace the unused material, if any, with the consignee at least one month before the expiry of the shelf life with fresh material.

**2. Packing and Marking:-**

- I Packing shall be in 250 Kg capacity containers or as per CIB approved specification.
- II Marking: Marking should be as per approved specifications and the containers shall bear following information legibly and indelibly in addition to the information required under Insecticide Act, 1968 and rules framed there under:-
  - a) **NDMC Supply- NOT FOR SALE**
  - b) Name of the material
  - c) Name of the manufacturer
  - d) Date of manufacture & date of expiry
  - e) Batch No.
  - f) Net mass of contents
  - g) Nominal pesticide content percentage
  - h) Contract No. and date
  - i) The cautionary notice worded as in the Insecticides Act and Rules

Sl.No.8

**Pyrethrum Extract 2%**

**Description of Store**

: Pyrethrum. Extract 2% conforming to No. IS 1051 -1980 (II Revision) Bearing ISI Certification Mark.

**Registration-**

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 institutions and found suitable for use as spray for control of Mosquito vector.

Regarding source of Technical material the bidder shall prove with documents in compliance to CIB&RC notice No. F.No.11-1/2012-CIR-II dated 23.04.2015 & F.No.6-FI/9(3)/2007-CIR.II dated 16.08.2016.

**Shelf life/Efficacy**

: **Two years life.** The expiry date i.e the date up to which the insecticide shall retain its efficacy and toxicity shall be for a period of two years from the date of its manufacture that means the material shall meet with the requirement given in specification above for a period of two years. This shall be guaranteed by the firm and certificate in this regard shall have to be furnished along with the bid documents at the time when the stores are offered for inspection. The life of larvicide / insecticide should not have passed more than 1/6th of the effective life to the same counted from the date of manufacture at the time of delivery to the consignees & stores should not be offered for inspection or dispatched more than three months after the manufacturing date.

**Packing & Marking**

: **Packing:** The stores shall be packed in 25 litres new dry-leak Proof, sound non-returnable mild steel drums conforming to the ISI specification No. IS:2552-1989 and the packing shall comply with general requirements stipulated in ISI: 8190 (Para II)-2 1980 and 1988 Second Revision).The packing shall also conform to the tariff rules in force from time to time for goods falling in the category of material of high flash point. The contractor shall provide certificate from fabricators of drums to the inspecting authority confirming that the drums conform to the above IS Specification.

**Marking:** The container shall bear legibly and indelibly the information as per clause 3.2 of IS: 105-1980(2nd Revision) with amendment No. 1 & 2 and as per Insecticide Act 1968 and rules made there under. The container shall be marked with ISI certification mark as mentioned in clause 3.2 of 1051-1980.In addition, the containers shall be mark

- a) **North DMC Supply-Not for sale**
- b) Name of the material
- c) Name of the manufacturer
- d) Date of manufacture & date of expiry
- e) Batch No.
- f) Net mass of contents
- g) Nominal insecticide content percentage
- h) Contract No. and date
- i) Minimum caution notices as per the Act.

**The Insecticides should be approved by NVBDCP for use under National Vector Borne Disease Control Programme& suitable for storage & use in Delhi.**

**Valid CIB registration certificate on the date of bid opening required for pyrethrum extract 2%.**

**All other contents of the e-Bid Enquiry including terms & conditions remain unaltered.**

**Note:**

**Prospective Bidders are also advised to check the website regularly for Pre-bid Meeting Minutes and Amendment to e-Bid Enquiry, if any, prior to the closing date and time of online submission of bids.**