



**THE M.P. STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED**

PANCHANAN, 3 rd FLOOR, MALVIYA NAGAR, BHOPAL  
PHONE - 0755-2556857, 2761392 FAX 0755-2557305,  
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**ONLINE  
RATE CONTRACT OFFER DOCUMENT (RCO)**

**FOR SUPPLY OF**

**VARIOUS PLASTIC ITEMS**

(1) **ISI MARK GEO MEMBRANE FOR POND LINING**- IS 15351:2008 Textiles Laminated High Density Polyethylene (HDPE) Woven Fabric Lining (Geo Membranes) (with up to date amendments), (2) **ISI MARK VERMI COMPOST BEDS** - IS 15907:2010 Agro Textiles High Density Polyethylene (HDPE) Woven Beds For Vermi Culture (with up to date amendments), (3) **PLASTIC CRATES AND TRAYS** (ISI MARKED / NON ISI) useful in Horticulture, Sericulture and Fisheries, (4) **MULCH FILMS (BIO DEGRADABLE / NON DEGRADABLE)** useful in Horticulture, Sericulture, (5) **AGRO TEXTILE SHADE NET (ISI MARKED / NON ISI)** useful in Horticulture, Sericulture, (6) **SEEDLING TRAYS and Root Trainer** , useful in Horticulture, Agriculture and Sericulture, (7) **PLASTIC MESH MONTAGES** useful in sericulture (8) **NURSERY POLY BAGS FOR PLANT PROPAGATION (BIO DEGRADABLE / NON DEGRADABLE)** (9) **AZOLLA BED** (10) **WATER STORAGE TANK (ISI MARK ROTATIONAL MOULDED POLYETHYLENE WATER STORAGE TANK), WHEEL WATER DRUM** (11) **TREE GUARD AND HDPE CHAIN LINK**, (12) **NON WOVEN CARPE**

For Financial year 2019-20 (onwards\*)

**DUE ON 04-09-2019**

RCO submitted for ----- (to be filled by Offere/Applicant)

\* see clause no 15 Annexure 1



**THE MADHYA PRADESH STATE AGRO INDUSTRIES DEVELOPMENT  
Corporation LIMITED**

"PANCHANAN" 3rd FLOOR, MALAVIYA NAGAR, BHOPAL  
Phone (0755)- 2551652, 2551756, 2761392, Fax: 0755-2557305

HO/ HORTI /2019-20/

Dated 13-7-2019

**NOTICE INVITING RATE CONTRACT OFFER (RCO)**

The Corporation invites On-line Rate Contract Offer (RCO) from eligible manufacturers/ authorized distributors as per details mentioned in the RCO documents, under e tendering system for supply of (1) **ISI MARK GEO MEMBRANE FOR POND LINING-** IS 15351:2008 Textiles Laminated High Density Polyethylene (HDPE) Woven Fabric Lining (Geo Membranes) (with up to date amendments), (2) **ISI MARK VERMI COMPOST BEDS** - IS 15907:2010 Agro Textiles High Density Polyethylene (HDPE) Woven Beds For Vermi Culture (with up to date amendments), (3) **PLASTIC CRATES AND TRAYS** (ISI MARKED / NON ISI) useful in Horticulture, Sericulture and Fisheries, (4) **MULCH FILMS (BIO DEGRADABLE / NON DEGRADABLE)** useful in Horticulture, Sericulture, (5) **AGRO TEXTILE SHADE NET (ISI MARKED / NON ISI)** useful in Horticulture, Sericulture, (6) **SEEDLING TRAYS and Root Trainer** , useful in Horticulture, Agriculture and Sericulture, (7) **PLASTIC MESH MONTAGES** useful in sericulture (8) **NURSERY POLY BAGS FOR PLANT PROPAGATION (BIO DEGRADABLE / NON DEGRADABLE)** (9) **AZOLLA BED** (10) **WATER STORAGE TANK (ISI MARK ROTATIONAL MOULDED POLYETHYLENE WATER STORAGE TANK), WHEEL WATER DRUM** (11) **TREE GUARD AND HDPE CHAIN LINK**, (12) **NON WOVEN CARPET** along with Earnest Money Deposit of Rs 100,000 (EMD) for each Item as detailed in RCO document, up 2.00 pm on 4-9-2019.

RCO document is available at [www.mptenders.gov.in](http://www.mptenders.gov.in). Amendments if any, will be published on Corporation's website [www.mpagro.org](http://www.mpagro.org), and portal [www.mptenders.gov.in](http://www.mptenders.gov.in) only. No further Notice will be published in the news paper.

**Deputy General Manager  
{Horticulture}**

**THE M.P. STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED**

**RATE CONTRACT OFFER DOCUMENT FOR SUPPLY OF MULCH FILMS USEFUL IN  
HORTICULTURE, SERICULTURE**

This document contains 55 pages as below:

Sno	Particulars	Annexure no	Page No
1	Meaning of the words used in document		4
2	Disclaimer	Point A	5
3	Schedule of Rate Contract offer Bidding Process	Point B	5
4	Scope of Work	Point C	5
5	Instruction to Offerer	Point E	6-7
7	Procedure of Rate Contract	Point F	7
8	General Terms and Conditions	Annexure 1	8-13
9	Application Format	Annexure 2	14
10	Affidavit	Annexure 3	15
11	Eligibility Criteria and Technical Specification	Annexure 4	16 to 39
13	Format of Authorization certificate in case of Authorized Distributor/ Dealer	Annexure 5	41-51
14	Format for Financial Offer	Annexure 6	35-44
15	Draft Agreement	Annexure 7	52

**Meaning of the words used in this document**

•	The Corporation	-	M.P. State Agro Industries Development Corporation Ltd.
•	RCO Document	-	Rate Contract Offer Document
•	Beneficiary/ Consignee	-	The person / department who wish to purchase the items through this Corporation.
•	Application forms/ the document	-	Application forms and all other relevant annexure/ documents
•	Applicant /Offerer	-	The Manufacturer/ Authorized Distributor who submits offers for Rate contract for supply and installation of Items as per document.
•	The supplier	-	Firm whose name is registered against this RCO
•	EMD	-	Earnest Money Deposit
•	SD	-	Security Deposit
•	Department	-	Directorate of Horticulture and Farm Forestry Govt. of Madhya Pradesh.
•	Managing Director	-	Managing Director of M P State Agro Industries Development Corporation Ltd Bhopal

**A. DISCLAIMER**

Though adequate care has been taken in the preparation of this RCO document and Technical Specifications. The Offerer should satisfy himself that the document is complete in all respect. Intimation of discrepancy, if any, should be informed to the Corporation before 22-8-2019 up to 2.00 pm. In case of non-receipt of such intimation, it shall be deemed that the Offerer is satisfied that the document is complete in all respects.

Information received against any discrepancy (up to due date and time as mentioned above) will be examined and if any amendments required same will be appended with RCO document. If no amendments are required the Offere have no right to raise objection.

**B. SCHEDULE OF RATE CONTRACT OFFER BIDDING PROCESS**

The Rate Contract Offer (RCO) is invited under E- Tender system and bidding process will have following steps:

**Bidding Process**

Stages of Bidding	Scheduled Date	Scheduled time
On Line Purchase of RCO	on payment of 2000+360 GST for Each Item on <a href="http://www.mptenders.gov.in">www.mptenders.gov.in</a>	From – 1-00 PM on 14-8-2019 to 1.59 PM on 04-09-2019
EMD	On Line payment of 100000 for Each Item on <a href="http://www.mptenders.gov.in">www.mptenders.gov.in</a>	From – 1-00 PM on 14-7-2019 to 1.59 PM on 04-09-2019
Due date of receipt of Queries or suggestions from Applicant (offerer) if any pertaining to the terms and condition mentioned in RCO		Up to 2.00 PM On 22-08-2019
Due date of uploading replay to quarries and suggestions		Up to 5.00 PM On 23-08-2019
Closing of Bid	4-09-2019	2.00 PM
Submission Of Hard Copy	4-09-2019	2.00 PM
Opening of on Line Technical Bid	5-09-2019	11.30 AM
Opening of Hard Copy of Technical Bid	5-09-2019	11.30 AM

**Opening date of Price bid of eligible offerers will inform on email provided by them and will be published on Notice Board and website of the corporation**

Each stage of bidding process will take place on the date and time mentioned against them. However if the date and time is changed / postponed, information in this regard will be published on Corporation’s web site.

**C. SCOPE OF WORK:** The Items having specification as mentioned at annexure 4 of this document is being required in various schemes / departments of State Government/ Farmers. The Corporation with its 51 district offices takes the advantages of these schemes/ Market to generate business of the said items.

**D. SPECIFICATIONS:** The Items having specification as mentioned at annexure 4 of this document is being required.

**E. INSTRUCTION OF OFFERERS :**

- 1 The offers are invited under e-tendering system from the manufacturers or their authorized dealer/distributor
- 2 The offerers are required to read carefully the terms and conditions of document and submit documents / relevant information mentioned in RCO document which is available on website only after affixing their digital signatures as a token of acceptance.
3. Any amendment(s) in the document including extension of date etc., such amendment(s) will be hoisted on the Corporation's website [www.mpagro.org](http://www.mpagro.org). & on [www.mptenders.gov.in](http://www.mptenders.gov.in). No further notification will be published in the news paper. Accordingly interested bidders are advised to keep close watch on the Corporation's website in their own interest. It is also to be noted that any such amendments will be part of Rate Contract.
- 4 The Offerers will have to get registration with [www.mptenders.gov.in](http://www.mptenders.gov.in) for E-tendering, without registration Offers cannot be uploaded on portal. To participate in Online RCO interested offerer will be required Registration at Portal and valid class 3 digital signature certificates. Any charge/fee required for registration by [www.mptenders.gov.in](http://www.mptenders.gov.in) is to be paid by offerer.
5. The RCO document is available on website [www.mpagro.org](http://www.mpagro.org) of the corporation (for view only) & on [www.mptenders.gov.in](http://www.mptenders.gov.in) for on line submission .
6. RCO Document can be downloaded by paying on-line payment Rs 2000 + 360 (Gst)= 2360 (Two Thousand Three Hundred sixty only) on [www.mptenders.gov.in](http://www.mptenders.gov.in) against the cost of document.
7. Annexure 1,2,3,5 and 7 are common for all items and annexure 4 Eligibility Criteria and Technical Specifications and Financial offer format are separate for each item. Offere has to submit separate-separate RCO and price bid for different types of items along with required cost of document and EMD.
8. All the Mandatory Documents listed below are to be uploaded (in JPG or PDF format only, in minimum resolution of 100 DPI.) (Self Certified with Seal and signature) Document uploaded in any other format will not be considered.

Sno	TYPE OF DOCUMENTS	AS PER CLAUSE
1	Manufacturing Registration Certificate (License/ Acknowledgement EM Part II /IEM/ Udh yog Adhar) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the tendered item (Plastic Item).	Annexure 4 Clause 1
2	In case of ISI Mark Item Manufacturer must have valid license issued by BIS for relevant BIS Standard And / or	Annexure 4 Clause 2
	In case of non ISI mark Item Test Report on all parameter specified in Technical Specification Annexure 4, issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO	Annexure 4 Clause 2
3	Valid Permanent Account Number (PAN)	Annexure 4 Clause 4
4	Good and Service Tax Identification Number (GSTN) of Manufacturing Firm	Annexure 4 Clause 4
5	Affidavit as per Annexure 3**	Annexure 1 Clause 4.4 vi

In Case of Authorized Distributor Following Document along with above		
1	Valid Permanent Account Number (PAN) of Authorized Distributor	Annexure 4
2	Good and Service Tax Identification Number (GSTN) of Authorized Distributor	Annexure 4
3	Authority to submit the RCO to this Corporation as per Annexure 6	Annexure 4
4	Affidavit as per Annexure 3**	

\*\* Note in case of Authorized Distributor, Affidavit as per Annexure 3 has to be submitted by Authorized Distributor only

8. Offerer has to deposit on line the required Earnest Money Deposit (EMD) of Rupees 100000 (One Lac only for each Item) on portal [www.mptenders.gov.in](http://www.mptenders.gov.in).
9. Offerer must submit hard copies of complete technical bid including qualification criteria and related documents duly self attested (**except Price Bid**). These documents must be dropped in Tender drop box placed at Office of the Managing Director M P State Agro Industries Development Corporation Limited, 3<sup>rd</sup> floor, Panchanan Bhawan, Malviya Nagar, Bhopal, on or before due date and time of submission of offer.
10. All documents uploaded on web site must be clear and readable. In case of any non clarity of uploaded documents or any dispute over documents uploaded online in E-Tender, the hard copies submitted by the offerer shall be treated final.
11. Offerers are advised to upload their offer well in time without waiting for last date of offer submission in order to avoid congestion or any other unforeseen circumstances.

**F. PROCEDURE FOR RATE CONTRACT**

1. The Corporation invites the Offers for Rate Contract for supply of items as specified in Annexure 4.
2. Not more than one offer for one item will be accepted from any Applicant/Manufacturer. If any individual participating in the offer, representing more than one firm in one or different names and it comes to our knowledge at any point of time, all such offer will not be entertained and shall be liable for rejection.
3. It is the discretion of the Managing Director of the Corporation to accept/reject the application without assigning any reason thereof.
4. The Managing Director of the Corporation will decide the modus operandi for the selection of Offerer for Rate Contract and Finalizing of Rates.

**GENERAL TERMS AND CONDITIONS**

**General Terms and Conditions of Rate Contract offer is as under :**

**01- AVAILABILITY OF RATE CONTRACT DOCUMENT (RCO)**

- 1.1 The RCO document is available on website [www.mpagro.org](http://www.mpagro.org) of the corporation, & on [www.mptenders.gov.in](http://www.mptenders.gov.in).
- 1.2 RCO Document can be purchased by paying on line payment Rs 2000 (Two Thousand Only)+ 360 GST (for each Item) and service charges of portal on [www.mptenders.gov.in](http://www.mptenders.gov.in) against the cost of document. Separate RCO has to be purchased for each individual item.
- 1.3 Any amendment(s) in RCO document including extension of date etc., such amendment(s) will be hoisted on the Corporation's website [www.mpagro.org](http://www.mpagro.org). & on [www.mptenders.gov.in](http://www.mptenders.gov.in). No further notification will be published in the news paper. Accordingly interested bidders are advised to keep close watch on the Corporation's website in their own interest. It is also to be noted that any such amendments will be part of Rate Contract.

**02- STAGES AND DUE DATES FOR BIDDING-**

The stages of bidding with important dates has been mentioned at point B (page no 5)

**03- RATE CONTRACT OFFER DOCUMENT**

The Rate Contract offer document comprises of 53 pages (Annexure 1,2,3,5, and 7 are common for all items and Annexure 4 and 6 are different for each Item. The Offerer is expected to read carefully all annexure and conditions mentioned herein. Failure to comply with the requirements of submission of offer will be at the offerer risk. Offers that are not substantially responsive to the requirements of the RCO documents will be rejected.

**04- SUBMISSION OF RATE CONTRACT OFFER.**

- 4.1 Rate Contract Offer has to be submitted on line, on website [www.mptenders.gov.in](http://www.mptenders.gov.in) on or before due date and time, mentioned at Point B page no 5
- 4.2 All the Mandatory Documents to be uploaded (Self Certified with Seal and signature) as per list in Point D- 7 shall be uploaded in JPG or PDF format only, in minimum resolution of 100 DPI or above. Document uploaded in other format will not be considered.
- 4.3 Self attested hard copies of all documents as mentioned in point 4.4 must be dropped in Tender drop box placed at Office of the Managing Director M P State Agro Industries Development Corporation Limited, 3<sup>rd</sup> floor of Panchanan Bhawan, Malviya Nagar, Bhopal, on or before due date and time .
- 4.4 The Envelope of Hard Copies shall be submitted in a sealed cover super scribed with words "**Rate Contract Offer for supply of -----  
Technical information regarding eligibility**"

*Envelope should contain the following documents:-*

- i) RCO Document with annexure 1, 2, 3, 5 (annexure 4<sup>th</sup> for relevant item only) and 7 (signed only) duly filled and signed on each page by authorized signatory. Manufacturing Registration Certificate (Licence/ Acknowledgement EM Part II/ Udh yog Adhar) issued by District Trade



- Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.
- ii) In case of ISI Mark Item Self Certified Copy of Valid BIS Licence for relevant BIS Standard  
and  
In case of non ISI mark Item Test Report on all parameter specified in Technical Specification Annexure 4, issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than **6 month from** the date of submission of RCO \*.
- iii) Self Certified Copy of Valid PAN and GSTN (of Manufacturer and Authorized Distributor as the case may be)
- iv) Affidavit as per Annexure 3
- v) In case of Authorized Distributor valid Authority to submit the RCO to this Corporation in Down Loaded Colored Printout / original (as per Annexure 5)
- vi) Authority to sign Rate Contract (In Case Of Authorized Person Specific Power of Attorney has to be submitted/ In Case of Pvt Ltd/ Ltd Company copy of Board Resolution has to be submitted/ Not Applicable In Case of Partnership/ Proprietorship firm)
- vii) In case of Bio Degradable offere has to submit test report not older than 1 year from the date of submission of RCO regarding Bio degradation as per ISO 15985:2004 (Plastics -- Determination of the ultimate anaerobic biodegradation and disintegration under high-solids anaerobic-digestion conditions) Issued by Indian Packaging Institute / CIPET or NABL Recognized Lab. As this test may take min 3 months thus offere who have submitted samples to labs for testing well before due date of submission of RCO, may submit relative proof of submission of samples. Offers have to submit Final test report before agreement.

- 4.5 Hard Copies received in the offer box up to due date and time will be opened on due date and time as mentioned point B -page no 5. In case of any non clarity of uploaded documents or any dispute over documents uploaded online in E-Tender, the hard copies submitted by the offerer shall be treated final. The Corporation can take hard copies/ uploaded documents in consideration in exigencies required to do so.
- 4.6 The Corporation is Not responsible for non submission of offer due to any unseen reasons like server downs, network problems etc. Offerers are advised to submit their offer well in advance before last date and time of submission to avoid such problems.
- 4.7 The Corporation will not be responsible for any delay on any account in receipt of hard copy of offer, even if the delay in receipt was caused in postal transit or any other reason, whatsoever.
- 4.8 On-line offer will be opened on due date and time as mentioned clause 2 in the presence of the representative of firms who wishes to be present. However if the date and time of opening of offer is changed due to any unforeseen reason the revised date and time of opening will be uploaded on Portal/ website of the corporation.

05- **EARNEST MONEY DEPOSIT (EMD):**

Offerer has to deposit required Earnest Money has to be deposit on line on [www.mptenders.gov.in](http://www.mptenders.gov.in)

- (i) Earnest Money of all unsuccessful Offerer will be returned by [mptenders.gov.in](http://mptenders.gov.in) directly in the same account of the applicant. No interest is payable on the amount of EMD at the time of refund.
- (ii) Earnest Money shall be forfeited if the offer is withdrawn.
  - a. At any time prior to its rejection,
  - b. Before or after the acceptance is communicated to the Offerer.
  - c. If the selected Offerer fails to execute the agreement within prescribed time limit.
  - d. If it is found that false documents/ information are submitted.
- (iii) The EMD will remain with the Corporation during the currency of the contract and/or till successful execution of all the order placed during the currency of the contract and will be refunded to the supplier without interest in case of no dispute.
- (iv)- Earnest money of successful Offerer will be adjusted against Security Deposit (SD) at the time of the execution of the agreement.

06- **SECURITY DEPOSIT (SD):**

- (i) The Security deposit will remain with the corporation during the currency of the contract and will be refunded to the supplier without interest in case of no dispute.
- (ii) Security deposit will be forfeited in case of failure of supply of the material as mentioned in the purchase order, in time and as per the approved specifications or for any breach of terms and condition of the agreement and RCO.
- (iii) The security deposit will be refunded on demand after the successful execution of all orders during currency of the contract period provided no dispute; claims or complaints exist for settlement without interest.

07- **TECHNICAL SPECIFICATION:**

Technical Specifications of Items are given in Annexure 4. Supplier has to supply items as per the specification mentioned and submit relevant information as sought by corporation.

08- **QUOTING OF RATES FOR RATE CONTRACT:**

- 8.1 The Offerer must submit rates online only as per format given in Annex. 6 This Format of price schedule is a sample for the offerer. The offerer are instructed to fill the rates in prescribed price schedule available on portal.
- 8.2 Offerer has to quote supply rate per unit (as mentioned in Annexure 6) inclusive of all taxes and F.O.R. destination basis which is usually a block head quarter of the districts of M.P. Rates exclusive GST and inclusive GST should be mentioned as per annexure 6,
- 8.3 Supplier has to indicate GST% and relevant HSN Code in relevant column of annexure 6.
- 8.4 The offerer should quote their lowest price, in accordance to the condition mentioned in clause No. 9.
- 8.5 In Case of Taxation rates / Taxation Pattern is revised by Central/ State Govt. the same will be applicable to the rates decided by the corporation.
- 8.6 Corporation Margin: Normally corporations will sale this material by adding maximum of 5% margin on purchase price excluding GST (basic Price). Suppliers are requested to quote their lowest price, in accordance to the condition mentioned in clause No. 9.

09- **REASONABILITY OF RATES:**

Offerer shall have to offer his lowest rates and it should be strictly in accordance with the clause mentioned below (applicable from the date of Submission of RCO).

- (i) The price charged for Item(s) under this contract by the offerer shall in no event exceed the lowest price at which the identical items to any other person /organization/ government department/ Govt. Corporation / or any Govt. body in Madhya Pradesh during the period of contract till completion of all orders issued during the currency of contract.
  - (ii) At any time during the aforesaid period, If the Supplier reduces unit sale price of such offered item(s) or sells such items to any other person / organization at a price lower than the price chargeable under the contract, the Supplier shall forthwith notify such reduction in the rate to the Corporation.
  - (iii) After such reduction in unit sale price, the amount paid under this contract to supplier shall be reduced correspondingly & the Corporation shall be entitled to recover such excess amount from the supplier's forthcoming bills.
- 10- **NEGOTIATION:** It is clarified that normally, no rate negotiation will be done and therefore the offerer should quote their lowest prices only. However if rate received is not reasonable than on recommendation of committee, the Managing Director of the Corporation may decides to give counter offer of the rates decided by the corporation to all eligible offerers.
- 14- **VALIDITY OF APPLICATION:**  
Applications received against this RCO shall be valid for acceptance for 6 months from the due date of Submission of offer.
- 15- **VALIDITY OF RATE CONTRACT:**  
The Rate Contract against this RCO is valid up to **31-3-2020** and onwards. The RCO can be extended after the expiry i:e 31-3-2021 till the new Rates are circulated after finalizing the New RCO in this regards. However this period will not be extended for more than one year i.e. up to **31.03.2021**.
- 16- **EXECUTION OF AGREEMENT:**
- (a) The Corporation will intimate the successful offerer regarding acceptance of his offer and inform him to execute an agreement. In case the offerer fails to execute agreement within time limit the EMD deposited by offerer shall be forfeited.
  - (b) The successful offerer shall have to execute an agreement as per Annexure 8 with the Corporation. The agreement will be executed on non-judicial stamp paper of Rs. 1000/-, the cost of the same will be borne by the offerer.
- 17- **PLACEMENT OF ORDER:**  
**On receipt of demand from District Offices of the Corporation,** the Authority at Head office /Regional Manager of the Corporation shall place purchase order to the supplier, the Managing Director will decide the order placing authority.
- 18- **SCHEDULE AND MODE OF SUPPLY / PAYMENT**
- 1- The supplier has to supply the ordered material as scheduled in supply order and submit bill in triplicate along with receipt/acknowledgement of consignee.
  - 2- The payment shall be released on "Payment after Payment" basis (i:e on receipt of payment from consignee the corporation will make payment to supplier) as follows:
    - a) As far as possible, 80% payment of supplier's bill will be made within 30 days on receipt of payment by the corporation against the supplies along with proper receipt of items of the ordered quantity at the destination in good condition duly issued by the consignee and countersigned by the District Manager of the corporation for the consignee's district.

- b) Balance 20% payment of the bill be paid after receipt of satisfactory performance report from the user department.

**Note:** Corporation will release the balance 20 percent payment after 120 days (from the date of supply) considering there is no complaint by the consignee against the quality of the supplied material after getting the certificate from the District Manager of the Corporation.

- 3- The supplier shall ensure that the ordered material in all as per order supplied by him reaches to the consignee at destination in good condition.
- 4- In case supplier fails to supply material within said time limit, the consignment will be accepted only with due concern of the consignee department.
- 5- Failure on the part of the supplier for timely supply, may lead to forfeiture of the Security Deposit and the rate contract shall stand cancelled and agreement terminated.
- 6- If any dispute regarding the quality / quantity of the material supplied, the corporation will make payment after settlement of the dispute only.

19- **TARNISIT INSURANCE:**

The Supplier will arrange for Transit Insurance and Material supplied should be covered under Transit insurance for Road Risk, Theft, Pilferage, and Non Delivery Risk (R RTPND).

20- **WARRANTY:**

The material supplied should carry minimum 1 year warranty from the date of supply. The Supplier is responsible for damages if any occurring due to manufacturing defect, inferior quality etc. in such case the supplier will replace / repair such material on its own expenses within 10 days from the date of receipt of intimation. If the supplier fails to do so in the given time limit of 10 days the department/ beneficiary will be free to repair/ replace the defective material from open market and The Corporation will recover the cost or expenditure whatsoever, from the future bills of the supplier or from the security deposit

21- **TESTING FOR QUALITY:**

In Case of any dispute of quality, the Corporation will get the material tested in order to ascertain the quality by testing in CIPET, the testing charges incurred for the same shall be recovered from the bills of supplier.

22- **FORCE MAJEURE CLAUSE:**

If any time during the currency of contract the performance in whole or in part by either party or any obligation under this contract shall be prevented /delayed by reasons of any war, hostility, acts of the public enemy, civil commotions sabotage, fire, floods, explosions, epidemics, quarantine, restrictions, strike. lockouts or acts of God (hereinafter referred to as eventualities) then neither party will be way of such eventuality be entitled to terminate this contract nor shall have any claim for damages against the other in respect of such nonperformance or delay in performance (provided notice of the happening of any such eventualities is given by either party to the other within 21 days from the date of occurrence thereof) Deliveries under this contract shall be resumed as soon as practicable after such eventualities has come to an end or ceased to exist.

- 23- Submission of RCO shall deem to be the acceptance by the Offerer of the all the terms and conditions contain herein.

- 24- The Managing Director of the Corporation reserves the right to accept or reject any or all the offers without assigning any reason whatsoever at any time prior to the award of the contract, without incurring any liability to the affected offerer and any obligation to inform the affected offerer of the grounds.

- 25- **PURCHASE PREFERANCE:** As per the policy of the State Govt. in respect of purchase of material for the use of Corporation purchase preference to the extent of 30% shall be

- given to those Manufacturers who belong to the SC/ST category. A self certified photocopy of certificate issued by competent authority.
- 26- **INSPECTION:** The Managing Director may decide to inspect the Production / Quality Control Facilities of the offerer before or after the execution of agreement. If any time it is found that the information submitted by Offerer/Supplier is not according to the documents submitted the Managing Director reserves the right to reject the offer or terminate the agreement.
- 27- **SELECTION OF FIRMS:** The Managing Director of the Corporation will decide the modus operandi for the selection of Offerer for Rate Contract. It should be noted that the Corporation may select one or any number of firms to get Rate contract. The decision of the Managing Director of the Corporation shall be final and binding to the Offerer.
- 28- The Managing Director of The Corporation reserves the right to impose penalties at his discretion for breach of the terms and conditions (commensurate with the losses incurred) which may be forfeiture of SD and/or debarring the supplier for maximum period of 5 years to supply all materials, whatsoever may be, through this corporation.
- 29- Managing Director of the Corporation reserves the right to amend or replace or change any condition without any notice, in exigencies required to do so.
- 30- **Arbitration:** In case of any dispute arising between the supplier and Corporation the matter shall be referred to General Manager of the Corporation. In case the supplier is not satisfied with the decisions of General Manager the matter shall be referred to the Managing Director of the Corporation who will act as sole arbitrator finally passes his verdict, which will be binding, to supplier and Corporation.
- 31- For all legal proceedings, the District Court Bhopal will have jurisdiction.

General Manage {Horticulture}

**ANNEXURE 2****Application Form**

To

General Manager  
M P State agro Industries Development Corporation Ltd  
3rd Floor, Panchanan Bhawan Malviya Nagar  
Bhopal

**Subject:-** Rate Contract Offer for supply of-----.

Dear Sir,

Kindly accept our application for rate contract offer for supply of ----- in the state of Madhya Pradesh. I am submitting application and details as per your prescribed document.

1	Name & Address of the Applicant Firm	.....
2	<b>If Proprietorship</b>	.....
	a) Name of Proprietor	.....
	b) Full Address	.....
	c) PAN number /GSTN No	.....
3	If Partnership	
	a) Name of partners and their address	1.      2.      3.
	b) Is partnership deed registered If yes then date of registration (attach copy of deed)	Yes / No Date.....
4	Is Limited or Pvt. Limited Company under Indian Companies Act 1956.	Yes / No Please state the following.
	Limited or Private Limited	
	Registered Office Address	
	Date of Certificate of in Corporation	
	Memorandum & article of Association	
5	Email Address for Correspondence	
6	Location of Production units	
7	Year of Establishment of the units.	
8	Manufacturing Registration Certificate (Licence/ Acknowledgement EM Part II/ IEM) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.	
9	Name of Person Singing the RCO (In Case Of Authorized Person Specific Power of Attorney has to be submitted)	.....

I here by confirm that all the above information is true to the best of my knowledge & belief. All the documents as required in the documents as enclose.

Date

Seal &amp; Signature of the offerer

or

their authorized Representative

**Note: Separate sheet may be used if necessary**

**AFFIDAVIT**

We.....hereby offer for the supply of ----- conforming to the Specifications as mentioned in RCO.

We undertake to supply such quantities of material as per Specification as mentioned in RCO, as we may be called upon to supply and under the conditions here-to enclosed during the allotted period from the date of execution of the agreement on the rates agreed upon, at the places to be specified by the M.P. State Agro Industries Development Corporation Limited within the specified delivery period.

We undertake that our firm has neither been Blacklisted/Debarred by any Government / Government Undertaking /Bank nor penalized on the same ground. We also undertake that no legal proceeding is pending in any Courts on the same grounds.

We undertake that the rates given to the Corporation are the lowest price, in accordance to the prevailing rates of the Company / their other authorized dealer & market condition. In case of any dispute or discrepancy in the submitted rates we will be sole responsible. In such cases the Corporation will be free to recover the losses or impose penalties as decided by the Managing Director of the Corporation.

We hereby agree to abide by and fulfill all the terms and conditions of contract annexed hereto and in default there of to forfeit and pay to the M.P. State Agro Industries Development Corporation Limited, the penalties or sum of money mentioned in the said conditions.

The sum of Rs. 100000 (One Lacs Only) in the form of Demand draft or any of the form specified in the agreement of RCO Documents is herewith forwarded as Surety Money Deposit which shall be retained by The MP State Agro Industries Development Corporation Limited.

I have read and fully understood the terms and conditions of supplies etc. mentioned in the documents.

	Name :..... Designation:..... (Signature with Office Seal..)
Witness: 1. 2.	

Note: To be submitted on non judicial stamp of Rs 500.00

#### ANNEXURE 4

01- **ISI MARK TEXTILES- LAMINATED HIGH DENSITY POLYETHYLENE (HDPE) WOVEN FABRIC LINING (GEO MEMBRANES) POND LINERS - TECHNICAL SPECIFICATION AND ELIGIBILITY**

**A- ELIGIBILITY**

- 1- The Manufacturer having valid Manufacturing Registration Certificate (Licence/ Acknowledgement EM Part II/ IEM Udhog Adhar) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.
- 2- In Case of ISI mark Pond Liner Manufacturer must have valid license issued by BIS for IS 15351: 2008 with up to date amendments.
- 3- Offerer should have valid Permanent Account Number (PAN) and GSTN. Offerer has to submit/uploaded all the documents as above (at Sr 1, 2 and 3) duly self attested.

or

Authorized distributor having valid PAN and GSTN can also submit RCO enclosing all documents as above along with Authority to submit the RCO to this Corporation as per Annexure 6 (Authorization Should submitted in original / Downloaded Colored Print Out (Photo copy will not be accepted)

**B- TECHNICAL SPECIFICATIONS**

- 1- **Geo Membrane Pond liner** should be ISI Mark, as per IS 15351:2015 Textiles- Laminated High Density Polyethylene (HDPE) Woven Fabric Lining (Geo Membranes)- Specification (with up to date amendments).
- 2- **Marking** – Each roll of Pond Liner shall be marked legibly with the following information:
  - a) Manufacturer's name and i.e recognized trade-mark, if any;
  - b) Type of Fabric (Geo Membrane)
  - c) Declared Length and Width of the roll;
  - d) Mass Per Sq Meter of the fabric
  - e) Batch number and date of manufacture.
  - f) BIS Certification and Marking as per guideline of BIS

**C- DISPLAY & DIPOSITION OF SAMPLES:** Three samples of offered items in each category (For each Type) should be submitted along with complete nomenclature. Corporation may decide to examine / check the samples by his officers or through recognized laboratories as decided by Managing Director of this Corporation. The cost of such testing including cost of material shall be borne by the supplier.



#### ANNEXURE 4

#### 02- **ISI MARK AGRO TEXTILES HIGH DENSITY POLYETHYLENE (HDPE) WOVEN BEDS FOR VERMI CULTURE - TECHNICAL SPECIFICATION AND ELIGIBILITY ELIGIBILITY**

##### **A- ELIGIBILITY CRITERIA**

- 1- The Manufacturer having valid Manufacturing Registration Certificate (Licence/ Acknowledgement EM Part II/ IEM Udhog Adhar) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.
- 2- Manufacturer must have valid license issued by BIS for IS 15907:2010 Agro Textiles High Density Polyethylene (HDPE) Woven Beds For Vermi culture (with up to date amendments)
- 3- Offerer should have valid Permanent Account Number (PAN) and GSTN.  
Offerer has to submit/uploaded all the documents as above (at Sr 1, 2 and 3) duly self attested.

or

Authorized distributor having valid PAN and GSTN can also submit RCO enclosing all documents as above along with Authority to submit the RCO to this Corporation as per Annexure 6 (Authorization Should submitted in original / Downloaded Colored Print Out (Photo copy will not be accepted)

##### **B- TECHNICAL SPECIFICATIONS**

- 1- **ISI Mark Vermi Compost Beds** should be ISI Mark, as per IS 15907:2010 Agro Textiles High Density Polyethylene (HDPE) Woven Beds For Vermiculture (with up to date amendments)
- 2- **SIZE** 3600 mm (L)×1200 mm (W)×600 mm (H).
- 3- **Marking** – Each bed shall be marked legibly with the following information:
  - a) Name and address of the manufacturer,
  - b) Dimensions and mass (g/m<sup>2</sup>), and
  - c) Year of manufacture.
  - d) BIS Certification and Marking as per guideline of BIS

- C- DISPLAY & DIPOSITION OF SAMPLES:** One samples of offered items in each category (For each Type) should be submitted along with complete nomenclature. Corporation may decide to examine / check the samples by his officers or through recognized laboratories as decided by Managing Director of this Corporation. The cost of such testing including cost of material shall be borne by the supplier.

**ANNEXURE 4**

**03- PLASTIC CRATES AND TRAYS- TECHNICAL SPECIFICATION AND ELIGIBILITY**

**A- ELIGIBILITY CRITERIA**

- 1- The Manufacturer having valid Manufacturing Registration Certificate (Licence/ Acknowledgement EM Part II/ IEM Udhog Adhar) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.
- 2- In Case of ISI mark Plastic Crates Manufacturer must have valid license issued by BIS for IS15532:2004 with up to date amendments.

Or

In case of Non ISI Plastic Crates Manufacturer must have Test Report on all parameter specified in Technical Specification below , issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO.

- 3- Offerer should have valid Permanent Account Number (PAN) and GSTN.  
Offerer has to submit/uploaded all the documents as above (at Sr 1, 2 and 3) duly self attested.

or

Authorized distributor having valid PAN and GSTN can also submit RCO enclosing all documents as above along with Authority to submit the RCO to this Corporation as per Annexure 6 (Authorization Should submitted in original / Downloaded Colored Print Out (Photo copy will not be accepted)

**C- TECHNICAL SPECIFICATIONS**

Plastic Crates (as per IS 15532:2004 PLASTICS CRATES FOR FRUITS AND VEGETABLES — SPECIFICATION with up to date amendments) & Trays should be made by Virgin quality U V Stabilized HDPE Granules.

**The offerer should give other Details of offered model as detailed below**

Sno	Minimum Specification (Declaration)						
	Model No	Outer Dimension s L x W x H	Inner Dimensions L x W x D	Capacity in Liters	Perforation	Minimum Weight in Gms per unit	Useful in Horticulture/ Sericulture/ Fisheries

\* Use separate sheet if required

- D- Test Report required on:** Test Report for all Offered Model, required on following Parameters issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO

Sno	Test Required	Minimum Value	Value Obtain
1	Dimensions	As per Declaration (+/- 2%)	
2	Weight in Grams	As per Declaration(- 50gms)	
3	Drop Test	No Crack	
4	Environmental Stress-Cracking Resistance (ESCR)	no surface cracking	
5	Over all Migrations (as per IS 9845-1998)	60mg/L (Max) 10mg/dm <sup>2</sup> (Max)	
6	Material Identification	HDPE	

7	Melting Flow Index	8 Gm/10 Min (in accordance to IS13360 part 4 under test temperature of 190 ° C and Test load 5 Kg)	
8	Density	0.930 to 0.960 gm/cc	
9	Presence of UV Stabilizer	Yes	

*Enclose self certified copy of Test report. Please ensure that report must contain all 9 parameter as above. Only those models will be considered for which test report submitted.*

**E- Marking** – Each unit of crates shall be marked legibly with the following information:

- a) Manufacturer's name and i.e recognized trade-mark, if any;
- b) Month and Year of Manufacture
- c) Batch or code number
- d) Any other specific information if required by Department/ Corporation  
(In case department needs to embossed/ engrave any details or information supplier has to provide accordingly without any extra cost)

**F- DISPLAY & DIPOSITION OF SAMPLES:**

**Three samples of offered items in each category** (For each Type) should be submitted along with complete nomenclature. Corporation may decide to examine / check the samples by his officers or through recognized laboratories as decided by Managing Director of this Corporation. The cost of such testing including cost of material shall be borne by the supplier.

**ANNEXURE 4****04- MULCH FILMS (BIO DEGRADABLE / NON DEGRADABLE) – TECHNICAL SPECIFICATION AND ELIGIBILITY****A ELIGIBILITY CRITERIA**

- 1- The Manufacturer having valid Manufacturing Registration Certificate (Licence/ Acknowledgement EM Part II/ IEM Udhog Adhar) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.
- 2- Manufacturer must have Test Report of Mulch Films on all parameter specified in Technical Specification below, issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO
- 3- In case of Bio Degradable offerer has to submit test report not older than 1 year from the date of submission of RCO regarding Bio degradation as per ISO 15985:2004 (Plastics -- Determination of the ultimate anaerobic biodegradation and disintegration under high-solids anaerobic-digestion conditions) Issued by Indian Packaging Institute / CIPET or NABL Recognized Lab. As this test may take min 3 months thus offerer who have submitted samples to labs for testing well before due date of submission of RCO, may submit relative proof of submission of samples. Offerer have to submit Final test report before agreement.
- 4- Offerer should have valid Permanent Account Number (PAN) and GSTN.  
Offerer has to submit/uploaded all the documents as above (at Sr 1, 2 and 3) duly self attested.

or

Authorized distributor having valid PAN and GSTN can also submit RCO enclosing all documents as above along with Authority to submit the RCO to this Corporation as per Annexure 6 (Authorization Should submitted in original / Downloaded Colored Print Out (Photo copy will not be accepted)

**B TECHNICAL SPECIFICATIONS- PLASTIC MULCH FILMS FOR AGRICULTURE AND HORTICULTURE PURPOSE**

- 1- Plastic Mulch films (Non Reflective/ Reflective), should be made by Virgin quality U V Stabilized Polyethylene Granules.
- 2- Colour- as required by purchaser (Single Colour (For exe Black-Black), Double Colour (Black- Silver)
- 3- The offerer/ applicant should give other Details of offered model as detailed below

Sno	Minimum Specification* ±10%				
	Material	Type	Thickness in Microns	Weight in Gms / sq mtr	Coverage Area 1 Kg Sheet
1	Mulch films should be made by Virgin quality U V Stabilized Polyethylene Granules	Non Reflective/ Reflective	30	27.90	35.80
			40	37.20	26.90
2			50	46.50	21.50
3			60	55.80	17.90
4			75	69.75	14.30
5			100	93.00	10.75

**C- Test Report required on:** Test Report for any one of the offered micron, required on following Parameters issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than **6 month** from the date of submission of RCO. (same report will be considered for other offered micron:

Sno.	Test Required	Minimum Value		Value Obtain in test report
1	Material Identification	LDPE/LLDPE/HDPE or any other Polymer		
2	Melting Flow Index	0.1 to 2.5 gm/10 min 0.2 in accordance to IS13360 under test temperature of 190 ° C and Test load 2.16 Kg)		
3	Density	0.908 to 0.930 gm/cm <sup>3</sup> at 27° C (0.910 to 0.932 g/ cm <sup>3</sup> at 23° C)		
4	Presence of UV Stabilizer	Yes		
5	Thickness in Micron	30 to 100 Micron ±10%		
6	Impact Strength The Impact Failure load obtain from hight of 66 cm shall not be less than the value given or 2.5 gms/ micron	Nominal Film Thickness (μ)	Min gf	
		30	75	
		40	100	
		50	125	
		60	150	
		75	190	
7	Opacity	100% (tolerance -1%)		

*Enclose self certified copy of Test report. Please ensure that report must contain all 7 parameter as above.*

**D- Marking** – Each unit of roll of folded film shall be marked legibly with the following information:

- a) Manufacturer's name and i.e recognized trade-mark, if any;
- b) Batch or lot number
- c) Type of Film
- d) Service life of the film
- e) Month and year of manufacturing
- f) Thickness of film
- g) Width of the roll
- h) Mass of roll/ Folded Film
- i) Colour of Film
- j) Any other specific information if required by Department/ Corporation

**E- DISPLAY & DIPOSITION OF SAMPLES:** **Three samples** of offered items in each category (For each Type) should be submitted along with complete nomenclature. Corporation may decide to examine / check the samples by his officers or through recognized laboratories as decided by Managing Director of this Corporation. The cost of such testing including cost of material shall be borne by the supplier.

**ANNEXURE 4**

**05- ISI MARKED (IS 16008:2012) PART 1 / PART2/ NON ISI MARKED AGRO TEXTILES SHADE NETS FOR AGRICULTURE AND HORTICULTURE – TECHNICAL SPECIFICATION AND ELIGIBILITY**

**A- ELIGIBILITY**

- 1 The Manufacturer having valid Manufacturing Registration Certificate (Licence/ Acknowledgement EM Part II/ IEM Udhog Adhar) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.
- 2 In Case of ISI mark Agro Textile Shade Net Manufacturer must have valid license issued by BIS for IS16008:2012 with up to date amendments.  
Or  
In case of Non ISI Agro Textile Shade Net Test Report on all parameter specified in Technical Specification below, issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO
- 3 Offerer should have valid Permanent Account Number (PAN) and GSTN.

Offerer has to submit/uploaded all the documents as above (at Sr 1, 2 and 3) duly self attested.

or

Authorized distributor having valid PAN and GSTN can also submit RCO enclosing all documents as above along with Authority to submit the RCO to this Corporation as per Annexure 6 (Authorization Should submitted in original / Downloaded Colored Print Out (Photo copy will not be accepted)

**B- TECHNICAL SPECIFICATION**

- 1- Agro Textiles Shade Net for Agriculture and Horticulture specification should be made up of Virgin quality extrusion grade U V Stabilized HDPE Tapes. Shade Net should confirm minimum requirements as per BIS standard IS Standard 16008:2012 Part 1 with up to date amendments.

SNO.	Characteristic(s)	Requirement(s)			
		Type I	Type II	Type III	
i)	Mass, g/m <sup>2</sup> , Min	100	120	140	
ii)	Average breaking strength of shade IS 1969 (Part 1)net fabric (Raveled strip method,325 mm × 70 mm) <sup>1)</sup> *, N, Min:	a) Warp way	200	250	290
iii)		b) Weft way	200	250	290
iii)	Retention of breaking strength 85 percent of original actual value (fabric) and after UV exposure, N, Min	85 percent of original actual value (fabric)			
iv)	Colour fastness to artificial light <sup>2)**</sup>	4 or better			
v)	Bursting pressure, kgf/cm <sup>2</sup> , Min	5	6	9	
vi)	Haze percentage, Min	15	18	22	
*	1) Width after raveling = 50 mm, Gauge length = 200 mm.				
**	2) Applicable for colored shade nets only.				

- 2- Agro Textiles Shade Net for Agriculture and Horticulture specification should be made up of Mono filament Yarns. Shade Net should confirm minimum requirements as per BIS standard IS Standard 16008:2012 Part 2 with up to date amendments.

SNO.	Characteristic(s)	Requirement(s)				
		Type I	Type II	Type III	Type IV	
i)	Mass, g/m <sup>2</sup> , Min	95	125	310	460	
ii)	Average breaking strength of shade IS 1969 (Part 1) net fabric (Raveled strip method, 325 mm × 70 mm) <sup>1)*</sup> , N, Min:	a) Warp way	300	300	450	650
iii)		b) Weft way	350	620	1700	4300
iii)	Retention of breaking strength 85 percent of original actual value (fabric) and after UV exposure, N, Min	85 percent of original actual value (fabric)				
iv)	Colour fastness to artificial light <sup>2)**</sup>	4 or better				
v)	Bursting pressure, kgf/cm <sup>2</sup> , Min	11	13	30	40	
vi)	Shading percentage, Min	30 to 40	45 to 55	70 to 80	85 to 90	
*	1) Width after raveling = 50 mm, Gauge length = 200 mm.					
**	2) Applicable for colored shade nets only.					

- 3- In case of Non ISI Shade Net Test Report of any one offered Type required on following Parameters issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO. (Same report will be considered for other offered type also.)

For Tape Type

SNO.	Characteristic(s)	Requirement(s)			
		Type I	Type II	Type III	
i)	Mass, g/m <sup>2</sup> , Min	100	120	140	
ii)	Average breaking strength of shade IS 1969 (Part 1) net fabric (Raveled strip method, 325 mm × 70 mm) <sup>1)*</sup> , N, Min:	a) Warp way	200	250	290
iii)		b) Weft way	200	250	290
iv)	Retention of breaking strength 85 percent of original actual value (fabric) and after UV exposure, N, Min	85 percent of original actual value (fabric)			
v)	Colour fastness to artificial light <sup>2)**</sup>	4 or better			
vi)	Bursting pressure, kgf/cm <sup>2</sup> , Min	5	6	9	
vii)	Haze percentage, Min	15	18	22	
*	1) Width after raveling = 50 mm, Gauge length = 200 mm.				
**	2) Applicable for colored shade nets only.				

*Enclose self certified copy of Test report. Please ensure that report must contain all 7 parameter as above.*

*For Mono Filament Type*

SNO.	Characteristic(s)	Requirement(s)				
		Type I	Type II	Type III	Type IV	
i)	Mass, g/m <sup>2</sup> , Min	95	125	310	460	
ii)	Average breaking strength of shade IS 1969 (Part 1) net fabric (Raveled strip method, 325 mm × 70 mm) <sup>1)*</sup> , N, Min:	a) Warp way	300	300	450	650
iii)		b) Weft way	350	620	1700	4300
iii)	Retention of breaking strength 85 percent of original actual value (fabric) and after UV exposure, N, Min	85 percent of original actual value (fabric)				
iv)	Colour fastness to artificial light <sup>2)**</sup>	4 or better				
v)	Bursting pressure, kgf/cm <sup>2</sup> , Min	11	13	30	40	
vi)	Shading percentage, Min	30 to 40	45 to 55	70 to 80	85 to 90	
*	1) Width after raveling = 50 mm, Gauge length = 200 mm.					
**	2) Applicable for colored shade nets only.					

**C- Marking** – Each roll of Shade Net shall be marked legibly with the following information:

- a) Manufacturer's name and i.e recognized trade-mark, if any;
- b) Type of Shade Net (%)
- c) Length and Width of the roll;
- d) Mass of the roll;
- e) Batch number and date of manufacture
- f) Any other specific information if required by Department/ Corporation

**D- DISPLAY & DIPOSITION OF SAMPLES:**

**Three samples of offered items in each category** (For each Type) should be submitted along with complete nomenclature. Corporation may decide to examine / check the samples by his officers or through recognized laboratories as decided by Managing Director of this Corporation. The cost of such testing including cost of material shall be borne by the supplier.



**ANNEXURE 4**

**06- SEEDLING TRAYS AND ROOT TRAINER-**  
TECHNICAL SPECIFICATION AND ELIGIBILITY

**A- ELIGIBILITY**

- 1- The Manufacturer having valid Manufacturing Registration Certificate (Licence/ Acknowledgement EM Part II/ IEM Udhog Adhar) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.
- 2- In case of Non ISI Mark Item Test Report on all parameter specified in Technical Specification below, issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO
- 3- Offerer should have valid Permanent Account Number (PAN) and GSTN.  
Offerer has to submit/uploaded all the documents as above (at Sr 1, 2 and 3) duly self attested.

or

Authorized distributor having valid PAN and GSTN can also submit RCO enclosing all documents as above along with Authority to submit the RCO to this Corporation as per Annexure 6 (Authorization Should submitted in original / Downloaded Colored Print Out (Photo copy will not be accepted)

**B- TECHNICAL SPECIFICATIONS**

- 1- Seedling Trays and Root trainer useful for Agriculture, Sericulture and Horticulture Purpose.
- 2- Seedling Trays Should be made up of virgin injection grade Polystyrene polymer, black colour
- 3- Offere Should submit details of offered model as mentioned below:  
For seedling trays

Declaration								
Sno	Model No	No of Cell	Capacity	Outer Dimensions LXWXH	Volume of each cell	Bottom Diameter of Cell	Top Diameter of Cell	Weight in Gms per Unit

For Root Trainer

Declaration								
Sno	Model No	No of Cell	Capacity	Outer Dimensions LXWXH	Volume of each cell	Bottom Diameter of Cell	Top Diameter of Cell	Weight in Gms per Unit

\*Use Separate sheet if required

**C- Requirement of Test Report:** Test Report of all offered model required on following parameters: required on following Parameters issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO.

**For Seedling trays**

Sno	Test Required	Minimum Value	Value Obtain
1	Material Identification	Polystyrene	
2	Melting Flow Index	4 gm/10 Min	
3	Density	1.04 gms/ cc	
4	Dimensions	As per Deceleration (+/- 2%)	
5	Weight in Grams	As per Deceleration (minimum)	
6	Volume of each Cell	As per Deceleration	

		(+/- 2%)	
7	Bottom Diameter of Cell	As per Deceleration (+/- 2%)	
8	Top Diameter of Cell	As per Deceleration (+/- 2%)	
9	Presence of U V stabilizer	0.1%	

**For Root trainer**

Sno	Test Required	Minimum Value	Value Obtain
1	Material Identification	HDPE	
2	Melting Flow Index	8 Gm/10 Min	
3	Density	0.93 to 0.96 gm/cc	
4	Dimensions	As per Deceleration (+/- 2%)	
5	Weight in Grams	As per Deceleration (minimum)	
6	Volume of each Cell	As per Deceleration (+/- 2%)	
7	Bottom Diameter of Cell	As per Deceleration (+/- 2%)	
8	Top Diameter of Cell	As per Deceleration (+/- 2%)	
9	Presence of U V stabilizer	Yes	

*Enclose self certified copy of Test report. Please ensure that report must contain all 9 parameter as above. Only those models will be considered for which test report submitted.*

**D- DISPLAY & DIPOSITION OF SAMPLES:**

**Three samples of offered items in each category** (For each Type) should be submitted along with complete nomenclature. Corporation may decide to examine / check the samples by his officers or through recognized laboratories as decided by Managing Director of this Corporation. The cost of such testing including cost of material shall be borne by the supplier.

## ANNEXURE 4

### 07- **PLASTIC MESH MONTAGES FOR SERICULTURE**

#### TECHNICAL SPECIFICATION AND ELIGIBILITY

##### **A- ELIGIBILITY**

- 1- The Manufacturer having valid Manufacturing Registration Certificate (Licence/ Acknowledgement EM Part II/ IEM Udhdyog Adhar) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.
- 2- Manufacturer must have Test Report of Plastic montages on all parameter specified in Technical Specification below, issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO
- 3- Offerer should have valid Permanent Account Number (PAN) and GSTN.  
Offerer has to submit/uploaded all the documents as above (at Sr 1, 2 and 3) duly self attested.

or

Authorized distributor having valid PAN and GSTN can also submit RCO enclosing all documents as above along with Authority to submit the RCO to this Corporation as per Annexure 6 (Authorization Should submitted in original / Downloaded Colored Print Out (Photo copy will not be accepted)

##### **B- TECHNICAL SPECIFICATIONS**

- 1- Plastic Mesh Montages for use of uniform and hygienic cocoon formation in sericulture industries.
- 2- Plastic Mesh Montages made up of Virgin quality extrusion grade U V Stabilized HDPE non biodegradable.
- 3- It shall be of;
  - 1- Material- Virgin quality extrusion grade HDPE
  - 2- No of Folds -11 (Corrugated)
  - 3- Fold Height- 70 mm +/- 2%
  - 4- Width- 900 mm (Minimum)
  - 5- Length- 600mm (Minimum)
  - 6- Length after starching – 1730mm (Minimum)
  - 7- Aperture shape –Diamond (size 18mm X 20mm +/- 2mm)
  - 8- Weight –Minimum 350 gms (+/- 20gms)
  - 9- Colour- Green/ Black

**C- Test Report required on:** Test Report, required on following Parameters issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO.

Sno.	Test Required	Minimum Value	Value Obtain
1	Material Identification	HDPE	
2	Melting Flow Index	8 Gm/10 Min	
3	Density	0.93 to 0.96 gm/cc	
4	Presence of UV Stabilizer	Yes	
5	No of Folds	11 (Min)	
6	Fold Height	70 mm (+/- 2%)	
7	Width	900 mm (+/- 2%)	
8	Length	600mm (+/- 2%)	
9	Length after starching	1730mm (+/- 2%)	
10	Aperture shape	Diamond (size 18mm X 20mm +/- 2mm)	
11	Weight	350 gms (+/- 20gms)/	

*Enclose self certified copy of Test report. Please ensure that report must contain all 11 parameter as above.*

**D- Marking** – Each unit of Bundle of folded montages shall be marked legibly with the following information:

- a) Manufacturer's name and i.e recognized trade-mark, if any;
- b) No of unit in Bundle
- c) Mass of Bundle
- d) Batch no and date of manufacturing
- e) Any other specific information if required by Department/ Corporation

**E- DISPLAY & DIPOSITION OF SAMPLES:**

Three samples of offered items should be submitted along with complete nomenclature. Corporation may decide to examine / check the samples by his officers or through recognized laboratories as decided by Managing Director of this Corporation. The cost of such testing including cost of material shall be borne by the supplier.

**ANNEXURE 4****08- NURSERY POLY BAGS (BIO DEGRADABLE / NON DEGRADABLE) USEFUL FOR PLANT PROPAGATION****TECHNICAL SPECIFICATION AND ELIGIBILITY****A- ELIGIBILITY**

- 1- The Manufacturer having valid Manufacturing Registration Certificate (Licence/ Acknowledgement EM Part II/ IEM Udhog Adhar) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.
- 2- Manufacturer must have Test Report of Nursery Poly bags on all parameter specified in Technical Specification below, issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO.
- 3- In case of Bio Degradable offerer has to submit test report not older than 1 year from the date of submission of RCO regarding Bio degradation as per ISO 15985:2004 (Plastics -- Determination of the ultimate anaerobic biodegradation and disintegration under high-solids anaerobic-digestion conditions) Issued by Indian Packaging Institute / CIPET or NABL Recognized Lab. As this test may take min 3 months thus offerer who have submitted samples to labs for testing well before due date of submission of RCO, may submit relative proof of submission of samples. Offerer has to submit Final test report before agreement.
- 4- Offerer should have valid Permanent Account Number (PAN) and GSTN. Offerer has to submit/uploaded all the documents as above (at Sr 1, 2 and 3) duly self attested.

or

Authorized distributor having valid PAN and GSTN can also submit RCO enclosing all documents as above along with Authority to submit the RCO to this Corporation as per Annexure 6 (Authorization Should submitted in original / Downloaded Colored Print Out (Photo copy will not be accepted)

**B- TECHNICAL SPECIFICATIONS-**

- 1- Nursery Poly Bags should be made by Virgin quality U V Stabilized LLDPE Granules.
- 2- The offerer should give other Details of offered Micron as detailed below

Sno	Minimum Specification				
	Material	Colour	Thickness in Microns	Weight in gms per unit	No of Pices in One Kg
1	LLDPE	Black / Transparent	40		
			50		
2			100		

- C- Test Report required on:** Test Report for any one of the offered micron, required on following Parameters issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO. (same report will be considered for other offered micron:

Sno.	Test Required	Minimum Value	Value Obtain in test report
1	Material Identification	LLDPE	
2	Melting Flow Index	0.6 to 1 gm/ 10 min	
3	Density	0.91 to 0.95 gm/cc	
4	Presence of UV Stabilizer	Yes/No	
5	Thickness in Micron	40 to 100 Micron	

*Enclose self certified copy of Test report. Please ensure that report must contain all 5 parameter as above.*

**D- DISPLAY & DIPOSITION OF SAMPLES:**

Three samples of offered items in each category (For each Type) should be submitted along with complete nomenclature. Corporation may decide to examine / check the samples by his officers or through recognized laboratories as decided by Managing Director of this Corporation. The cost of such testing including cost of material shall be borne by the supplier.

**ANNEXURE 4****09- AZOLLA BED – AZOLLA BED FOR PRODUCTION OF AZOLA CULTURE****TECHNICAL SPECIFICATION AND ELIGIBILITY****A- ELIGIBILITY**

- 1- The Manufacturer having valid Manufacturing Registration Certificate (Licence/ Acknowledgement EM Part II/ IEM Udhog Adhar) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.
- 2- Manufacturer must have Test Report of Azolla Bed on all parameter specified in Technical Specification below, issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO.
- 3- Offerer should have valid Permanent Account Number (PAN) and GSTN. Offerer has to submit/uploaded all the documents as above (at Sr 1, 2 and 3) duly self attested.

Or

Authorized distributor having valid PAN and GSTN can also submit RCO enclosing all documents as above along with Authority to submit the RCO to this Corporation as per Annexure 6 (Authorization Should submitted in original / Downloaded Colored Print Out (Photo copy will not be accepted)

**B- TECHNICAL SPECIFICATIONS-**

- 1- Azolla Bed of 12(L) X 6(W) X 1(H) feet should be made by ISI Mark HDPE Woven Fabric (IS 15351:2015) U V Stabilized LLDPE Granules.
- 2- The offerer should give other Details of offered Micron as detailed below

Sno	Part	Minimum Specification			
		Material	Colour	Thickness in Microns/Size	No of Pices in One Unit
1	Sheet	ISI Mark HDPE Woven Fabric Lining (IS 15351:2008 Textiles- Laminated High Density Polyethylene (Geo Membranes)	Black	500 Micron (450 GSM)	1
2	Pipes For Structure Installation	UPVC of Suitable Dia and Thickness	---	1.5 Feet	16 No
3	Pipes For Installation of Shade Net Over The Bed	UPVC	---	11.5 Feet	6 No
4	Shade Net For Shade Over The Bed	U V Stabilized HDPE (Virgin Quality)	Green	120 Sq Feet (10X12 Feet) Tape Type Mass, g/m <sup>2</sup> , Min 120GSM	1 Pc
5	Outlet for Water Discharge with Valve	UPVC Suitable Dia and Thickness		NA	1 Set
6	SS Sieve For Harvesting Azolla From Bed	Steel			1 Set
7	Azolla Culture	Tin Packing 1 or 3 Kg (Dry weight)			3Kg

**C- Test Report required on:** Test Report required on following Parameters issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO.

Sno.	Test Required	Minimum Value	Value Obtain in test report
1	Material Identification For Sheet and Shade Net	HDPE	
2	Melting Flow Index	8 Gm/10 Min	
3	Density	0.93 to 0.96 gm/cc	
4	Presence of UV Stabilizer	Yes	
5	Thickness of Sheet in Micron	500-Micron	
6	Haze percentage, of Shade Net Min	18	

*Enclose self certified copy of Test report. Please ensure that report must contain all 5 parameter as above.*

**D- DISPLAY & DIPOSITION OF SAMPLES:**

**Three samples of offered items in each category** (For each Type) should be submitted along with complete nomenclature. Corporation may decide to examine / check the samples by his officers or through recognized laboratories as decided by Managing Director of this Corporation. The cost of such testing including cost of material shall be borne by the supplier.



#### ANNEXURE 4

#### 10- **ISI MARK ROTATIONAL MOULDED POLYETHENE WATER STORAGE TANKS** **WATER STORAGE TANK AND WHEEL WATER DRUM (CYLINDRICAL TYPE) (NON** **ISI MARK)**

##### 1- **WATER STORAGE TANK (ISI MARK)** ( IS 12701:1996 ROTATIONAL MOULDED POLYETHENE WATER STORAGE TANKS WITH UPTO DATE AMEDMENTS) TECHNICAL SPECIFIATION AND ELIGIBILITY

##### **A- ELIGIBILITY**

- 1 The Manufacturer having valid Manufacturing Registration Certificate (Licence/ Acknowledgement EM Part II/ IEM Udhog Adhar) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.
- 2 Manufacturer must have valid license issued by BIS for IS 12701:1996 with up to date amendments.
- 3 Offerer should have valid Permanent Account Number (PAN) and GSTN.  
Offerer has to submit/uploaded all the documents as above (at Sr 1, 2 and 3) duly self attested.

or

Authorized distributor having valid PAN and GSTN can also submit RCO enclosing all documents as above along with Authority to submit the RCO to this Corporation as per Annexure 6 (Authorization Should submitted in original / Downloaded Colored Print Out (Photo copy will not be accepted)

##### **B- TECHNICAL SPECIFICATIONS-**

**Specifications:** Water Storage tank should be made up as per the specification led down in IS 12701:1996 with up to date amendments.

**Type:** Cylindrical Vertical Tank and Rectangular Type with Lid

**Capacity:** Cylindrical: 200 Ltrs to 20000 Ltrs

**Rectangular:** 150 to 500 Ltrs for Rectangular Loft Tank.

**Marking –** Each unit shall be marked legibly with the following information:

- a) Manufacturer's name and i.e recognized trade-mark, if any;
- b) Net Capacity in Liters
- c) Mass of Unit
- d) Lot/ Batch no and year of manufacturing
- e) Any other specific information if required by Department/ Corporation

##### 2- **WHEEL WATER TANKS (NON ISI MARK)**

TECHNICAL SPECIFIATION AND ELIGIBILITY

##### **A- ELIGIBILITY**

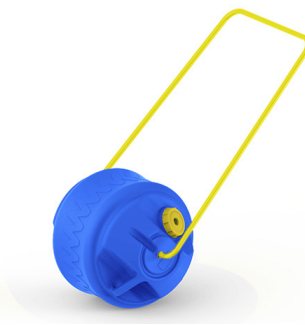
- 1 The Manufacturer having valid Manufacturing Registration Certificate (License/ Acknowledgement EM Part II/ IEM Udhog Adhar) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.
- 2 Manufacturer must have Test Report of wheel water drum on all parameter specified in Technical Specification below, issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO

- 3 Offerer should have valid Permanent Account Number (PAN) and GSTN.  
Offerer has to submit/uploaded all the documents as above (at Sr 1, 2 and 3) duly self attested.

or

Authorized distributor having valid PAN and GSTN can also submit RCO enclosing all documents as above along with Authority to submit the RCO to this Corporation as per Annexure 6 (Authorization Should submitted in original / Downloaded Colored Print Out (Photo copy will not be accepted)

- B- **TECHNICAL SPECIFICATIONS-** Wheel Water Drum Should Cylindrical Tank with Metal Pipe Handle and O ring of Suitable Size and Plug (an Indicative Design is shown below)



Type Cylindrical

Capacity: 30 Ltrs to 50 Ltrs or as per available Sizes with manufacturer. Other Specification should be as mentioned below

Sno	Part	Material	Size	Qty
1	Tank	Virgin Quality U V Stabilized HDPE Granules	30 Ltrs to 50 Ltrs or as per available Sizes with manufacturer	1
2	Cap	Virgin Quality U V Stabilized HDPE Granules	Suitable Size	2 (1+1)
3	Plug	Nylon	Suitable Size	2 (1+1)
4	Handle	MS Pipe	Suitable Size so that wheel drum can be easily pulled	1
5	O Ring	Nitrile Rubber or any polymer suitable of gaskets	Suitable Size	1
6	Insert	Nylon		1

- C- **Test Report required on:** Test Report required on following Parameters issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO.

Sno.	Test Required	Minimum Value	Value Obtain in test report
1	Material Identification Tank	<b>HDPE</b>	
2	Density	0.930 to 0.960 gm/cc	
3	Total Weight	As Declared	
4	Capacity in Litter	As Declared	
5	Environmental Stress-	No Surface Cracking	

	Cracking Resistance (ESCR)		
6	Over all Migrations (as per IS 9845-1998)	60 mg/Ltr (Max) 10mg/dm <sup>2</sup> (Max)	
7	Presence of U V Stabilizer	Yes	
8	Drop Test	No Crack	
9	Handle Strength	No Crack	

D- **Marking** Each unit of shall be marked legibly with the following information:

- f) Manufacturer's name and i.e recognized trade-mark, if any;
- g) Net Capacity in Liters
- h) Mass of Unit
- i) Lot/ Batch no and year of manufacturing
- j) Any other specific information if required by Department/ Corporation

E- **DISPLAY & DIPOSITION OF SAMPLES:** **Three samples of offered items in each category** (For each Type) should be submitted along with complete nomenclature. Corporation may decide to examine / check the samples by his officers or through recognized laboratories as decided by Managing Director of this Corporation. The cost of such testing including cost of material shall be borne by the supplier.

**ANNEXURE 4**

**11- TREE GAURD AND CHAIN LINK-**

**TECHNICAL SPECIFICATION AND ELIGIBILITY**

**A- ELIGIBILITY**

- 1- The Manufacturer having valid Manufacturing Registration Certificate (Licence/ Acknowledgement EM Part II/ IEM Udhog Adhar) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.
- 2- Manufacturer must have Test Report of Non Woven carpet on all parameter specified in Technical Specification below, issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO
- 3- Offerer should have valid Permanent Account Number (PAN) and GSTN.  
Offerer has to submit/uploaded all the documents as above (at Sr 1, 2 and 3) duly self attested.

or

Authorized distributor having valid PAN and GSTN can also submit RCO enclosing all documents as above along with Authority to submit the RCO to this Corporation as per Annexure 6 (Authorization Should submitted in original / Downloaded Colored Print Out (Photo copy will not be accepted)

**B- TECHNICAL SPECIFICATIONS**

- 1- Plastic Tree Guard and Chain Link to protect young trees from browsing by herbivores by forming a physical barrier.
- 2- Plastic Tree Guard and Chain Link made up of Virgin quality extrusion grade U V Stabilized HDPE.

**A- Chain Link Should be of;**

- 1- Material- Virgin quality extrusion grade HDPE
- 2- Aperture shape -Diamond / Square (Indicative size 55 mm X 55mm, 75mm X 95 mm ±12mm however if manufacturer having different Aperture it should be mentioned below
- 3- Thickness at joints min 7mm ±12mm
- 4- Width- / Length as per requirement/ availability-  
Weight should be mentioned below
- 5- Colour- Green/ Black

Declaration								
Sno	Model / Item No	Aperture shape	Aperture Size	Weight in GSM	Thickness at joints	Colour	Available Size Length and Width	
1								

**B- Tree Guard Should be of;**

- 1- Material- Virgin quality extrusion grade HDPE
- 2- Aperture shape -Diamond / Square (Indicative size 55 mm X 55mm, 75mm X 95 mm ±12mm however if manufacturer having different Aperture it should be mentioned below
- 3- Thickness at joints min 7mm ±12mm
- 4- Diameter 380MM to 600 MM or as per requirement/ availability  
Weight should be mentioned below
- 5- Colour- Green/ Black

Declaration									
Sno	Model / Item No	Diameter	Aperture shape	Aperture Size	Weight in GSM	Thickness at joints	Colour	Available Size Length and Width	Total Weight of Tree Gaurd
1									
2									

**Marking** – Each unit of Bundle of Chain Link and Tree Gaurd shall be marked legibly with the following information:

- a) Manufacturer's name and i.e recognized trade-mark, if any;
- b) No of unit in Bundle
- c) Mass of Bundle
- d) Batch no and date of manufacturing
- e) Any other specific information if required by Department/ Corporation

**C- Test Report required on:** Test Report, required on following Parameters issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO.

Sno.	Test Required	Minimum Value	Value Obtain
1	Material Identification	HDPE	
2	Melting Flow Index	5.4 Gm/10 Min	
3	Density	0.93 to 0.96 gm/cc	
4	Presence of UV Stabilizer	Yes	
5	Diameter in Case of Tree Guard/ Width in Case of Chain Link	As declared (+/- 2%)	
6	Thickness / diameter of Thread	As declared (+/- 50gms)	
7	Aperture shape	Diamond/ Shape and (size +/- 2mm)	
8	Weight in GSM	As declared (+/- 50gms)	

*Enclose self certified copy of Test report. Please ensure that report must contain all 11 parameter as above.*

**D-DISPLAY & DIPOSITION OF SAMPLES:**

Three samples of offered items should be submitted along with complete nomenclature. Corporation may decide to examine / check the samples by his officers or through recognized laboratories as decided by Managing Director of this Corporation. The cost of such testing including cost of material shall be borne by the supplier.

**12- NON WOVEN POLYESTER CARPET –****TECHNICAL SPECIFICATION AND ELIGIBILITY****A- ELIGIBILITY**

- 1- The Manufacturer having valid Manufacturing Registration Certificate (Licence/ Acknowledgement EM Part II/ IEM Udhog Adhar) issued by District Trade Industries Centre (DTIC) or Statutory Competent Authority for manufacturing the Plastic Item.
- 2- Manufacturer must have Test Report of Non Woven carpet on all parameter specified in Technical Specification below, issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO
- 3- Offerer should have valid Permanent Account Number (PAN) and GSTN. Offerer has to submit/uploaded all the documents as above (at Sr 1, 2 and 3) duly self attested.

or

Authorized distributor having valid PAN and GSTN can also submit RCO enclosing all documents as above along with Authority to submit the RCO to this Corporation as per Annexure 6 (Authorization Should submitted in original / Downloaded Colored Print Out (Photo copy will not be accepted)

**B- TECHNICAL SPECIFICATIONS-**

Non Woven Carpets should be made up of Recycled Polyester Staple Fiber (PSF) with primary backing jute Hessian Cloth with Polyester Yarn. Secondary backing should be of latex coating consist of VAM (Vinyl Acetate Monomer) Based + styrene Binders with filler. Minimum Thickness 4mm ( $\pm 2\%$ ), 775 GSM ( $\pm 5\%$ ). The Carpet Should be Fire retardant and Skin Friendly.

**C- Test Report required on:**

Test on following Parameters issued by Central Institute of Plastic Engineering and Testing (CIPET) not older than 6 month from the date of submission of RCO. (same report will be considered for other offered micron:

Sno.	Test Required	Minimum Value	Value Obtain in test report
1	Material Identification	<b>Polyester</b>	
2	Thickness in MM	<b>4MM (<math>\pm 2\%</math>)</b>	
3	GSM	<b>775</b>	

*Enclose self certified copy of Test report. Please ensure that report must contain all 5 parameter as above.*

**E Marking:** Each Bundle shall be marked legibly with the following information:

- a) Manufacturer's name and i.e recognized trade-mark, if any;
- b) No of unit in Bundle
- c) Width and Length
- d) Colour
- e) Mass of Bundle
- f) Batch no and date of manufacturing
- g) Any other specific information if required by Department/ Corporation

**D- DISPLAY & DIPOSITION OF SAMPLES:**

**Three samples of offered items in each category** (For each Type) should be submitted along with complete nomenclature. Corporation may decide to examine / check the samples by his officers or through recognized laboratories as decided by Managing Director of this Corporation. The cost of such testing including cost of material shall be borne by the supplier.

**Authorization Certificate**  
(On Manufacturers letter Head)

This is to certified that M/s ----- having it's registered office -----  
----- is our authorized distributor for Madhya Pradesh for product-----  
manufactured by this company.

We have gone through the terms and condition of Rate contract Offer Document invited  
by this corporation which is due on ----- and M/s -----has  
only been authorized to submit Rate Contract offer for supply of -----on behalf of  
our company.

We undertake that as a manufacturer, we are also responsible for the quality of  
material supplied against this contract through authorized distributor.

We undertake that our firm has neither been Blacklisted/Debarred by any Government  
/ Government Undertaking /Bank nor penalized on the same ground. We also undertake that  
no legal proceeding is pending in any Courts on the same grounds.

Authorized Signatory  
Seal  
Name and Designation

*Note : \* To be submitted in original.*

*\*\* In Case of Company it should be supported with board resolution. In other case it  
should be issued by Proprietor/ Managing Partner.*



**ANNEXURE 6****FORMAT FOR FINANCIAL OFFER FOR SUPPLY OF ISI MARK TEXTILES- LAMINATED HIGH DENSITY POLYETHYLENE (HDPE) WOVEN FABRIC LINING (GEO MEMBRANES)- IS 15351:2008 (WITH UP TO DATE AMENDMENTS)**

NAME OF OFFERER-----

NAME OF MANUFACTURER -----

Sno	Items	Type	Thickness in Micron (+/-7.5%)	Mass , Gm/Sq Meter (GSM) Min	Supply Rate in Rs Per Unit to corporation Excluding of all tax (GST) FOR Destination <b>Including Installation Charges</b>	GST		Supply Rate in Rs Per Unit to corporation including of all tax (GST) FOR Destination <b>Including Installation Charges</b>	HSN code of GST	Unit
						%	Value			
1	ISI Mark Textiles- Laminated High Density Polyethylene (HDPE) Woven Fabric Lining (Geo Membranes)- IS 15351:2008 (with up to date amendments)	Type I	250	250						Per Kg
2		Type II	500	420						Per Kg
3		Type III	750	650						Per Kg
4		Type IV	1000	950						Per Kg

*Note:*

- 1- This format of price schedule is a sample for the Bidder's. The bidder's are instructed to fill the rates in prescribed price schedule available on Portal.
- 2- Price schedule should not be submitted in Technical Bid.

**ANNEXURE 6**

**FORMAT FOR FINANCIAL OFFER FOR SUPPLY OF ISI MARK, AS PER IS 15907:2010 AGRO TEXTILES HIGH DENSITY  
POLYETHYLENE (HDPE) WOVEN BEDS FOR VERMICULTURE (WITH UP TO DATE AMENDMENTS)**

NAME OF OFFERER-----

NAME OF MANUFACTURER -----

Sno	Items	Outer Dimensions Min (+/- 1%)	Supply Rate in Rs Per Unit to corporation Excluding of all tax (GST) FOR Destination	GST		Supply Rate in Rs Per Unit to corporation including of all tax (GST) FOR Destination	HSN code of GST	Unit
				%	Value			
1	ISI Mark, as per IS 15907:2010 Agro Textiles High Density Polyethylene (HDPE) Woven Beds For Vermiculture (with up to date amendments	3600 mm (L)×1200 mm (W)×600 mm (H).						Per Unit

*Note:*

- 1- This format of price schedule is a sample for the Bidder's. The bidder's are instructed to fill the rates in prescribed price schedule available on Portal.*
- 2- Price schedule should not be submitted in Technical Bid.*

**ANNEXURE 6**

**FORMAT FOR FINANCIAL OFFER FOR SUPPLY OF  
PLASTIC CRATES USEFUL FOR HORTICULTURE, SERICULTURE AND FISHERIES**

1- NAME OF OFFERER-----

2- NAME OF MANUFACTURER -----

Sno	Item	Model no	Outer Dimensions In mm	Capacity in Ltrs (Approximate)	Declared Weight in Gms	Supply Rate in Rs Per Unit to corporation Excluding of all tax (GST) FOR Destination	GST		Supply Rate in Rs Per Unit to corporation including of all tax (GST) FOR Destination	HSN code of GST	Unit
							%	Value			
1	2	3	4	5	6	7	8	9	10	11	12
1	Plastic Crates useful for Horticulture sericulture and Fisheries										Per unit
2											Per unit
3											Per unit
4											Per unit
5											Per unit

**ANNEXURE 6**

**FORMAT FOR FINANCIAL OFFER FOR SUPPLY OF MULCH FILM**

NAME OF OFFERER-----

NAME OF MANUFACTURER-----

Sno	Item		Colour	Thickness in Micron	Supply Rate in Rs Per Unit to corporation Excluding of all tax (GST) FOR Destination	GST		Supply Rate in Rs Per unit to corporation including of all tax (GST) FOR Destination	HSN code of GST	Unit
						%	Value			
1	2		3	4	5	6	7	8	9	10
1	Mulch Film	Bio Degradable As Per IS 15985	Non Reflective	30						Per kg
2				40						Per kg
3				50						Per kg
4				60						Per kg
				75						Per kg
5			100						Per kg	
6			Reflective	30						Per kg
7				40					Per kg	
8				50					Per kg	
9				60					Per kg	
		75						Per kg		
		100					Per kg			
		Non Bio Degradable	Non Reflective	30					Per kg	
				40					Per kg	
				50					Per kg	
				60					Per kg	
			75					Per kg		
			Reflective	30					Per kg	
	40							Per kg		
	50							Per kg		
	60						Per kg			
			75				Per kg			
			100				Per kg			

Note:

- 1- This format of price schedule is a sample for the Bidder's. The bidder's are instructed to fill the rates in prescribed price schedule available on Portal.
- 2- Price schedule should not be submitted in Technical Bid.

**ANNEXURE 6**

**FORMAT FOR FINANCIAL OFFER FOR SUPPLY OF AGRO TEXTILE SHADE NET FOR AGRICULTURE AND HORTICULTURE**

NAME OF OFFERER-----

NAME OF MANUFACTURER-----

Sno	Item	Colour	Type	Supply Rate in Rs Per Square Meter to corporation Excluding of all tax (GST) FOR Destination	GST		Supply Rate in Rs Per Square Meter to corporation including of all tax (GST) FOR Destination	HSN code of GST	Unit
					%	Value			
1	2	3	4	5	6	7	8	9	10
1	<b>ISI Mark</b> Agro Textile Shade Net Tape Type (IS 16008:2012)	All Colour	Type I (50% Shade)						Per Sq Meter
2			Type II (75% Shade)						Per Sq Meter
3			Type III (90% Shade)						
4	<b>Non ISI Mark</b> Agro Textile Shade Net Tape Type	All Colour	Type I (50% Shade)						Per Sq Meter
5			Type II (75% Shade)						Per Sq Meter
6			Type III (90% Shade)						
77	<b>ISI Mark</b> Agro Textile Shade Net Tape Type (IS 16008:2012)	All Colour	Type I (35% Shade)						Per Sq Meter
8			Type II (50% Shade)						Per Sq Meter
9			Type III (75% Shade)						Per Sq Meter
10			Type IV (90% Shade)						
11	<b>Non ISI Mark</b> Agro Textile Shade Net Tape Type	All Colour	Type I (35% Shade)						Per Sq Meter
12			Type II (50% Shade)						Per Sq Meter
13			Type III (75% Shade)						Per Sq Meter
14			Type IV (90% Shade)						

Note:

- 1- This format of price schedule is a sample for the Bidder's. The bidder's are instructed to fill the rates in prescribed price schedule available on Portal.
- 2- Price schedule should not be submitted in Technical Bid.

**ANNEXURE 6****FORMAT FOR FINANCIAL OFFER FOR SUPPLY OF SEEDLING TRAYS/ ROOT TRAINER FOR AGRICULTURE HORTICULTURE AND SERICULTURE PORPOSE**

NAME OF OFFERER-----

NAME OF MANUFACTURER-----

Sno	Item	Model no	No of Cell	Weight in Gms	Supply Rate in Rs Per Unit to corporation Excluding of all tax (GST) FOR Destination	GST		Supply Rate in Rs Per Unit to corporation including of all tax (GST) FOR Destination	HSN code of GST	Unit
						%	Value			
1	2	3	4	5	6	7	8	9	10	11
1	Seedling Trays Root trainer useful for Agriculture, Horticulture and sericulture									Per unit
2										Per unit
3										
4	Root trainer useful for Agriculture, Horticulture and sericulture									Per unit
5										Per unit
6										

*Note:*

- 1- This format of price schedule is a sample for the Bidder's. The bidder's are instructed to fill the rates in prescribed price schedule available on Portal.
- 2- Price schedule should not be submitted in Technical Bid.

**ANNEXURE 6****FORMAT FOR FINANCIAL OFFER FOR SUPPLY OF PLASTIC MESH MONTAGES**

NAME OF OFFERER-----

NAME OF MANUFACTURER-----

Sno	Item	Specification	Supply Rate in Rs Per Unit to corporation Excluding of all tax (GST) FOR Destination	GST		Supply Rate in Rs Per unit to corporation including of all tax (GST) FOR Destination	HSN code of GST	Unit
				%	Value			
1	2	3	5	6	7	8	9	10
1	Plastic Mesh Montages for use of uniform and hygienic cocoon formation in sericulture industries made up of Virgin quality extrusion grade U V Stabilized HDPE non biodegradable.	As mentioned in Annexure 4						Per Unit

*Note:*

- 3- This format of price schedule is a sample for the Bidder's. The bidder's are instructed to fill the rates in prescribed price schedule available on Portal.
- 4- Price schedule should not be submitted in Technical Bid.

**ANNEXURE 6****FORMAT FOR FINANCIAL OFFER FOR SUPPLY OF NURSERY POLY BAGS USEFUL FOR PLANT PROPAGATION**

NAME OF OFFERER-----

NAME OF MANUFACTURER-----

Sno	Item	Colour	Thickness in Micron	Supply Rate in Rs Per Unit to corporation Excluding of all tax (GST) FOR Destination	GST		Supply Rate in Rs Per unit to corporation including of all tax (GST) FOR Destination	HSN code of GST	Unit
					%	Value			
1	2	3	4	5	6	7	8	9	10
1	Nursery Poly Bags useful for plant propagation	Bio Degradable As Per IS 15985	40						Per kg
2			50						Per kg
3			100						Per kg
4		Non Bio Degradable	40						Per kg
5			50						Per kg
6			100						Per kg

*Note:*

- 1- This format of price schedule is a sample for the Bidder's. The bidder's are instructed to fill the rates in prescribed price schedule available on Portal.
- 2- Price schedule should not be submitted in Technical Bid.



**ANNEXURE 6****FORMAT FOR FINANCIAL OFFER FOR SUPPLY OF AZOLLA BED FOR AZOLLA CULTURE PRODUCTION**

NAME OF OFFERER-----

NAME OF MANUFACTURER -----

Sno	Items	Outer Dimensions Min (+/- 2 %)	Supply Rate in Rs Per Unit to corporation Excluding of all tax (GST) FOR Destination	GST		Supply Rate in Rs Per Unit to corporation including of all tax (GST) FOR Destination	HSN code of GST	Unit
				%	Value			
1	Azolla Bed ISI Mark HDPE Woven Fabric Lining (IS 15351:2008 Textiles- Laminated High Density Polyethylene (Geo Membranes) (With Pipes and Shade Cover complete unit as mentioned in annexure 4 of RCO Document)	12(L) X 6(W) X 1(H)						Per Unit
2	Azolla Culture (Dry)	-----						Per KG

**Note:**

- 1- This format of price schedule is a sample for the Bidder's. The bidder's are instructed to fill the rates in prescribed price schedule available on Portal.
- 2- Price schedule should not be submitted in Technical Bid.

**ANNEXURE 6****FORMAT FOR FINANCIAL OFFER FOR SUPPLY OF ISI MARK ROTATIONAL MOLDED POLYETHENE WATER STORAGE TANKS IS 12701:1996 WITH UP TO DATE AMENDMENTS AND WHEEL WATER DRUM**

NAME OF OFFERER-----

NAME OF MANUFACTURER-----

A

Sno	Items	Capacity in ltrs	Supply Rate in Rs Per Unit to corporation Excluding of all tax (GST) FOR Destination	GST		Supply Rate in Rs Per Unit to corporation including of all tax (GST) FOR Destination	HSN code of GST	Unit
				%	Value			
1	ISI mark rotational molded polyethene water storage tanks IS 12701:1996 with up to date amendments							Per Unit
2								Per Unit
3								Per Unit
4	WHEEL WATER DRUM							Per Unit
5								Per Unit
6								Per Unit

*Note:*

- 1- This format of price schedule is a sample for the Bidder's. The bidder's are instructed to fill the rates in prescribed price schedule available on Portal.*
- 2- Price schedule should not be submitted in Technical Bid.*

**ANNEXURE 6****FORMAT FOR FINANCIAL OFFER FOR SUPPLY OF NON WOVEN CARPATE**

NAME OF OFFERER-----

NAME OF MANUFACTURER-----

Sno	Item	Specification	Supply Rate in Rs Per Unit to corporation Excluding of all tax (GST) FOR Destination	GST		Supply Rate in Rs Per unit to corporation including of all tax (GST) FOR Destination	HSN code of GST	Unit
				%	Value			
1	2	3	5	6	7	8	9	10
1	<b>Non Woven Carpets</b> made up of Recycled polyester Staple Fiber (PSF)with primary backing jute Hessian Cloth with Polyester Yarn	As mentioned in Annexure 4						Per Sq Meter

*Note:*

- 5- This format of price schedule is a sample for the Bidder's. The bidder's are instructed to fill the rates in prescribed price schedule available on Portal.
- 3- Price schedule should not be submitted in Technical Bid.

**DRAFT AGREEMENT**

This agreement made at Bhopal this ..... day of .....between Madhya Pradesh State Agro-Industries Development Corporation, Panchanan, 3rd Floor, Malviya Nagar, Bhopal, M.P. hereinafter referred to as the 'Corporation' which expression shall unless repugnant to the context or meaning there of includes its successors and assigns on the one part.

AND

M/s. .... having its office at ..... through Shri ..... designation .....(hereinafter referred to as the Supplier whose expression unless repugnant to the context and meaning thereof includes its assigns, successors and administrations on the other part.

WHEREAS the Corporation invited Rate Contract Offer (RCO) for supply of ----- on the terms and conditions envisaged in the terms schedule issued with the Rate Contract Offer Document and purchased by the supplier.

AND WHEREAS the supplier has accepted each and every term and condition contained in the Rate Contract Offer Document, while submitting his offer.

AND WHEREAS the Corporation accepted the offer submitted by the supplier vide its letter of acceptance no. ....dated ..... in consideration of the premises and the mutual premises and undertakings hereinafter specified and for other good and valuable consideration this agreement witness and is hereby agreed on the conditions of the Tender. The following documents shall form and be constructed a part of the Agreement Deed:-

- a. The Tender submitted by the supplier including all the annexure attached thereto.
- b. Schedule of specifications for supply of -----
- c. The letter of acceptance dated ----- issued by the Corporation.
- d. The offer submitted by the supplier.
- e. The rates mentioned in annexure to agreement.

The aforesaid documents shall be taken as complementary and mutually explanatory of one another but in case of discrepancies and ambiguities shall take precedence in the order set out above. In this regard the decision of Managing Director, M.P. State Agro-Industries Development Corporation Limited shall be final.

IN WITNESS WHEREOF the parties hereto have signed this agreement on the day and year referred to above.

For Supplier	For
..... .....	M.P. STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED
Signature with Office Seal	GENERAL MANAGER (Horticulture)
Witnesses	Witnesses
1.	1.
2.	2.

- (1) ISI MARK GEO MEMBRANE FOR POND LINING-
- (2) ISI MARK VERMI COMPOST BEDS
- (3) PLASTIC CRATES AND TRAYS (
- (4) MULCH FILMS (BIO DEGRADABLE / NON DEGRADABL)
- (5) AGRO TEXTILE SHADE NET (ISI MARKED / NON ISI)
- (6) SEEDLING TRAYS and Root Trainer
- (7) PLASTIC MESH MONTAGES
- (8) NURSERY POLY BAGS FOR PLANT PROPAGATION (BIO DEGRADABLE / NON DEGRADABLE)
- (9) AZOLLA BED
- (10) WATER STORAGE TANK (ISI MARK ROTATIONAL MOULDED POLYETHYLENE WATER STORAGE TANK), WHEEL WATER DRUM
- (11) TREE GUARD AND HDPE CHAIN LINK,
- (12) NON WOVEN CARPET