



## YASHWANTRAO CHAVAN MAHARASHTRA OPEN UNIVERSITY

Dnyangangotry, Near Gangapur Dam, Nashik 422 222 (Maharashtra, India)

Telephones : (253) 2230024, 2230227, 2233698, 2234459, 2234716-18

Visit us on Internet <http://www.ycmou.digitaluniversity.ac>, & [ycmou.ac.in](http://ycmou.ac.in)

To,

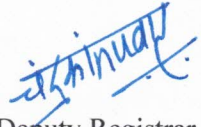
Enquiry No. : 908

Date : 30.01.2024

**Subject : Quotation for 'Maintenance works of existing Agricultural Polyhouse including providing and fixing required items, accessories at Krishi Vigyan Kendra farm in the campus of YCMOU, Nashik'.**

Dear Sir,

- (01) We need the item listed in the attached **Schedule 'B'** from Contractor and as per **Terms and Conditions** attached herewith. **Rates are quoted on your letterhead in Schedule 'B'**.
- (02) Please let us have your most competitive offer clearly.
- (03) You have to submit the quotation to "**Dy. Registrar, Purchase Section, Yashwantrao Chavan Maharashtra Open University, Dnyangangotry, Near Gangapur Dam, Nashik 422222**".
- (04) **The final Date for receiving quotation is 16.2.2024 at 4.00pm.**
- (05) The quotation should be valid for 120 days from the date of enquiry.
- (06) Please write on sealed envelope in bold letter '**Enquiry No. 908, date : 30.01.2024 and quotation for 'Maintenance works of existing Agricultural Polyhouse including providing and fixing required items, accessories at Krishi Vigyan Kendra farm in the campus of YCMOU, Nashik'**'.
- (07) The Contractor should necessarily follow the above instructions otherwise quotation will not be considered for further process.
- (08) Your GST registration number must be shown in your invoice.
- (09) Please read attached Terms and Conditions carefully before you fill up and submit your quotations. If any queries regarding this enquiry, please e-mail on [kvknashik@rediffmail.com](mailto:kvknashik@rediffmail.com)

  
Deputy Registrar  
Purchase Section

Copy to –

- (1) Registrar Office, YCMOU, Nashik
- (2) Finance Division, YCMOU, Nashik
- (3) Sr. Scientist & Head, KVK

## 1.0 BRIEF NOTICE

Sealed Quotation Documents on "Item Rate Basis" are invited from contractors by The Registrar, Yashwantrao Chavan Maharashtra Open University, Nashik for the proposed maintenance work of existing polyhouse.

### Name of the work:

**Maintenance works of existing Agricultural Polyhouse including providing and fixing required items, accessories at Krishi Vigyan Kendra farm in the campus of YCMOU, Nashik**

- i. **Blank Quotation Documents in PDF form can be downloaded from university website :**  
**<https://ycmou.digitaluniversity.ac>, <https://www.ycmou.ac.in>**
- ii. Pre-submission meeting to clarify doubts of contractor if any, is arranged at 3 pm on previous working day of the date of submission of the Quotation Document, in the office of the "Sr Scientist & Head, Krishi Vigyan Kendra, YCMOU, Nashik".
- iii. The information on blank Quotation Document and any other related information will be supplied by the "Sr Scientist & Head, Krishi Vigyan Kendra, YCMOU, Nashik" on all YCMOU working days during working hours.
- iv. The contractor shall fill the quotation document downloaded from website only & submit along with documents as described in the Quotation Document.
- v. The Contractor should be registered Firm under Govt. of Maharashtra and should have carried out similar single work of cost not less than Rs.5 Lacs in last consecutive five years.
- vi. The whole work is to be completed in 30 days (Thirty) from the date of issue of the Work Order.
- vii. Validity of offer 120 days from the date fixed for opening of Commercial (Quotation) and thereafter until it is withdrawn in writing by the Contractor.
- viii. University shall not be responsible for delay in receipt of blank Quotation Document due to any reasons thereof. The YCMOU reserves the right to reject any or all Quotation Documents without assigning any reason thereto.

## 2.0 Blank Quotation Document form and submission procedure :

The Contractor shall download complete Quotation Document and take print out in A4 paper size. The Contractor shall use the same copy without any alteration thereof & fill all the information, rates, etc. wherever necessary and submit for Commercial (Quotations) (**Schedule B**) in the prescribed manner.

### **Contents of Envelopes, Manner of Submission & Opening of Quotation Document:**

The Contractor shall submit the Quotation Document documents in two separate sealed envelopes of which contents shall be as stated below.

a) Envelope No.1 (Eligibility Documents) & (b) Envelope No.2 (Commercial Quotation)

#### **(a) Envelope No.1 (Eligibility Documents):**

This envelope clearly marked, as "Envelope No.1 (Eligibility Documents)" and shall contain the following documents as listed below.

**Please ensure that the below mentioned Documents be attached in the following sequence.**

- i. Forwarding letter of the firm on its Letter Head submitting the Quotation Document.
- ii. Photo copy of certificate as a Registered firm with the Govt. of Maharashtra or other Govt./Semi Govt. Undertakings.
- iii. Photo copy of a PAN CARD / GST No. / Tax Clearance Certificate as may be applicable as per prevailing rules valid on the date fixed for receipt of the Quotation Document, or Photo copy of letter if exempted in this respect by the Government. Copy of Registration Certificate under Goods & Services Tax as may be applicable.
- iv. Copy of partnership deed if the Contractor is a partnership firm & Power of attorney in the name of person who is authorized to submit Quotation Document.
- v. The Contractor should NOT quote his Financial Bid anywhere directly or indirectly in Envelope No.1. All documents should be duly stamped & signed by the Contractor and attached sequentially.

- vi. Acceptance of these documents shall be subject to scrutiny by the University to ascertain the compliance to requirement. Any lacunae or inability on the part of Contractor in clarifications to the satisfaction of the university, the university may disqualify the said the Quotation Document for opening of Envelope No.2 of the Quotation Document or if opened shall not be eligible for consideration..
- vii. Photo copy of certificate stating that the contractor has carried out similar single work of cost not less than Rs.5 Lacs in the last consecutive five years issued by consultant/owner of the work.
- viii. **This “Envelope No. 1 (Eligibility Doc)” shall then be Sealed**

**(b) Envelope No.2 (Quotation) :**

This envelope should be clearly marked as “Envelope No. 2 (Quotation)” and shall contain only “Duly filled completed Quotation Document”. Quotation Document should be duly filled with Item Unit Rates, Amounts and Signed, Stamped by the contractor with all information/data etc. as may be applicable & Bid Amount at SHEDULE-B. **This “Envelope No. 2 (Quotation)” shall then be Sealed.**

**(C) Submission of Quotation Document:**

- i. The two sealed envelopes “Envelope No.1 (Eligibility Document) ” & “Envelope No.2 (Quotation Document)” both shall then be put together in another **Big Envelope.**
- ii. Please write on sealed Big envelope in bold letter ‘**Enquiry No. 908, date: 30.01.2024 and quotation for ‘Maintenance works of existing Agricultural Polyhouse including providing and fixing required items, accessories at Krishi Vigyan Kendra farm in the campus of YCMOU, Nashik’.**
- iii. The full name and address of the Contractor shall be written on the bottom left hand corner.
- iv. This “**Common Envelope**” shall be submitted on or before the prescribed date and time.
- v. All Photo copy copies submitted in connection with Quotation Document shall be attested.

**(d) Opening of Quotation Document Documents:**

On the date specified in the Quotation Document notice following procedure will be adopted for opening of the Quotation Document Documents. “Common Envelope” shall be opened first and verified for its content i.e. Envelope No.1 and Envelope No.2.

- (i) **Opening of Envelope No.1:** Envelope No.1 of the Contractor will be opened to verify its contents as per requirements. The disqualified Quotation Document Documents Envelope No.2 will not be considered.
- (ii) **Opening of Envelope No.2:** If contents of Envelope No.1 are found to be acceptable “in principal” to the Registrar, YCMOU, Quotation Document in “Envelope No.2” of only such Contractor shall be opened. The Amount quoted by the Contractor in the Quotation Document shall then be read out & recorded. The Quotation Document shall form a part of the contract agreement.

**General Conditions**

- i. The Contractor shall be deemed to have visited the site & carefully examined the work and site conditions including Quotation Document conditions, the specifications, the scope of work, design criteria, payment schedule etc.
- ii. All the works and materials, before finally taken over by the University will be the entire liability of the Contractor for guarding, maintaining and making good any damages of any magnitude.. The ownership of all the work/s, materials shall rest with the University during all the time.
- iii. All materials/works on site shall be got approved in advance from the Sr Scientist & Head, Krishi Vigyan Kendra
- iv. The Contractor shall if and when required submit at his own cost the samples of materials
- v. The Contractor shall indemnify the University from any claim that may arise on failure of the Contractor to adopt proper method before it's/their use.
- vi. The Contractor shall take all necessary precautions for the safety of the workers and preserving their life while working in such job as required special protection and precautions. The Contractor shall also comply with the directions issued by the Sr Scientist & Head, Krishi Vigyan Kendra in this behalf from time to time and all the times.
- vii. The Contractor shall indemnify the University against all actions, suits, claims and demands brought or made against him in respect of anything done or committed to be done by the Contractor in execution of or in connection with the work of this Contract and against any loss or damage to the University in consequence of any action or suit being

- brought against the Contractor for anything done or committed to be done in the execution of the work of this contract.
- viii. In case of any dispute, discrepancies, disagreements, controversies, ambiguities, claims, extra items, etc. Contractor should refer all such issues to Registrar, YCMOU who shall award the decision in that respect as per University's procedure.
  - ix. All the bills bill shall be prepared by the contractor and submitted to the Registrar, YCMOU. Contractor should prepare and submit the bills in required format, type and copies as required by Sr Scientist & Head, Krishi Vigyan Kendra
  - x. All the payments shall be subject to deductions of prevailing applicable taxes in the form of TDS as per the prevailing rules of IT & applicable other taxes in force on the date of payment. If the contractor exempt from the payment of any of these taxes, he shall furnish copy of a certificate to that effect issued by the competent authority and attach with the financial bid. Accordingly mandatory taxes will be deducted at source from the payments.
  - xi. The Contractor shall accompany when required to do so and assists in taking measurements and shall sign the recorded measurements on completion of recording. On completion of all of the works in all respects, the Sr Scientist & Head, Krishi Vigyan Kendra, YCMOU will issue the necessary certificate
  - xii. Payment of Work: The Contractor should prepare and submit final bill within one month after completion of the work and the same will be paid after approval of payment by university authority.
  - xiii. The Contractor should hand over all the works in satisfactorily completed conditions within the stipulated time limit as mentioned in the Quotation Document.
  - xiv. The contractor shall submit request in writing for arrangement for obtaining electric power/ temporary labour housing if required for any purpose. The discretion and decision authority shall be final.
  - xv. The Contractor shall inform the Sr Scientist & Head, Krishi Vigyan Kendra in writing when portion of work is ready for inspection giving him sufficient notice to enable him to inspect the same without affecting the further progress of the work
  - xvi. The Contractor after completion of work shall have to clean the site of all debris and remove all unused materials other than those supplied by the University belonging to him within 15 days from the date of completion of the work
  - xvii. In the event of an accident involving serious injuries or damages to human life or death of any of his employees and damages to human life or death of any of his employees and of labours, the same shall be reported within twenty-four hours of the occurrence to the authority and the competent authority of Workmen's Compensation Contractor will have to pay compensation to the injured workers/dependents of deceased worker as decided by the Commissioner of Workmen's Compensation Act.
  - xviii. Any work defect remained during the course of work shall be repaired / corrected by the contractor whenever instructed by the Sr Scientist & Head
  - xix. After completion of all the contracted works, Contractor shall inform to the Sr Scientist & Head, Krishi Vigyan Kendra. A joint inspection of the work by Sr Scientist & Head, Krishi Vigyan Kendra and contractor's representative shall be carried out.
  - xx. The quoted rates of the Contractor shall be treated as inclusive of the escalation due to price variation also besides other factors which are included in the quoted rates.
  - xxi. Damage to the University's property to be restored: Contractor shall restore any damage done to the university buildings, roads, underground pipelines, cables, etc. at no cost to the university.

### **Broad Details of Site & Scope of the Work**

- i. **Site of work:** The site of work is situated in University's campus at Dnyana gangotri, Gowardhan, Near Gangapur Dam, Dist.-Nashik, which is about 2.5Kms from Gangapur village Nashik. The site is about 25Kms from Nashik Road Railway station and about 15Kms from Central Bus Stand (CBS), Nashik. The tendered work is to be done at the Krishi Vigyan Kendra farm in the campus of the university.
- ii. **Broad details of the site:** The YCMOU campus area is of 150 acres with its various Academic & Administrative building & a Krishi Vigyan Kendra with its horticultural demonstration cum production farm. The proposed site of work i.e. Krishi Vigyan Kendra (KVK) farm for the proposed work is in the campus of YCMOU at Dnyanagangotri, Nashik. The KVK farm has its existing polyhouses with various plantations, Nursery activities.
- iii. **Water source & location:** The campus has at present a two water sources in the different locations. KVK well having 40 ft depth that caters to the existing plantations of farm. Another distantly located water source with storage tank fed from nearby well in the nala & Nashik Municipal Corporation (NMC) raw (untreated) water supply is fairly clean. The

existing Polyhouse plantation is fed from the NMC raw water from the storage tank near the existing Polyhouse with the irrigation and climate control unit installed at the above locations.

- iv. **Proposed maintenance work of polyhouses:** It is proposed to undertake the maintenance works of polyhouse on the Krishi Vigyan Kendra farm at the above location. These units act as the training cum production centre of the KVK and training unit for the farmers, rural youth & extension functionaries in the area.
- v. **Work's description / Guidelines / Specifications:** The work is to be completed as per manner stated at individual Quotation Document work & item/s. The proposed Make/Brands/Specification of the items should be mentioned in the Quotation Document & should be as per the requirements for particular work as approved by Sr Scientist & Head, Krishi Vigyan Kendra, YCMOU. The guidelines / type/ specifications of the various items in the works given are the broad guidelines for design / layout / supply/works which also indicate the scope of work. All the works proposed are to be designed as per the guidelines and executed and commissioned as per the site requirements as directed. All the main, sub items, fittings and accessories shall be of standard quality & works be executed with good workmanship as per the standard practices in the field.

Krishi Vigyan Kendra has its demonstration cum commercial production polyhouses at Dnyana gangotri Nashik. The existing polyhouse are now due for the replacement of the polyfilm, shade nets and minor repairs. The proposed work includes providing and fixing new UV stabilized polyhouse film, GI gutters, shade-nets, sliding FRP doors and minor repairs as per the requirement described for the existing polyhouses at Krishi Vigyan Kendra demonstration farm.

**Scope of the total work is principally a complete item of works including**

- i) Dismantling of the existing UV film from the existing polyhouse from all the sides from the holding profiles. Providing and fixing with the new the UV film of required specifications with fittings & accessories, minor repair and associated works including material, labor and complete.
- ii) Dismantling of the existing GI gutters if required from the polyhouse structure, providing and fixing with the new GI gutters of required specifications with fittings & accessories, minor repair of the curtain rods and associated works including material, labor, complete.
- iii) The individual work include supply of main components poly film shed nets , insect nets along with their fitting accessories, material & skilled, unskilled labor as may required for their proper installation/execution of the work as may be described in the item of work.
- iv) The amounts to be quoted in the Quotation Document at SCHEDULE-B of the Quotation Document for different item of works should include material, supervision, skilled and unskilled manpower, labor, etc. as may be required for complete execution of the proposed work.
- v) The contractor shall personally survey & demarcate on the guide map, prepare the detailed map of the site and its details and use the same for the detailed planning and layout of the proposed polyhouses for further use.
- vi) The detailed map & layout shall help to include orientation of the polyhouses, locations under consideration & length of the polyhouse, internal arrangement. On the basis of above information, data, existing site conditions, situation, various needs, etc. the broad specifications & guidelines are enclosed.

**PAYMENT OF THE WORK DONE**

The following schedule of payment will be observed for making bill payments to the contractor. The payment shall be made on compliance terms & conditions and on certification by the Sr.Scientist & Head, Krishi Vigyan Kendra of completion of particular stage and on approval of the competent authority.

<b>Payment Stage</b>	<b>Stage of work</b>	<b>Bill payable (%)</b>
First & Final Bill Payment	On completion of Work in the "SCHEDULE-B "in the Quotation Document.	100% of "Total value of the work completed

## Commercial Quotation Document for Item Rate:

<b>Krishi Vigyan Kendra Yashwantrao Chavan Maharashtra Open University, Nashik, Maharashtra,</b>					
<b>SCHEDULE - 'B'</b>					
<b>Name of work : Maintenance works of existing Agricultural Polyhouse including providing and fixing required items, accessories at Krishi Vigyan Kendra farm in the campus of YCMOU, Nashik</b>					
* Quantities mentioned are approximate and shall be paid as per actual quantity measured /execution.					
** Contractor shall quote Unit rates <b>Excluding GST</b> Taxation. GST applicable shall be paid EXTRA .					
Item No.	Description of Item of work	Unit	* Approx. Qty	**Unit Rate (Excluding GST) Rs./ Unit  *(To be filled by Contractor)	Amount (Rs.)  *(To be filled by Contractor)
1	<b>Dismantling &amp; removal of existing old UV stabilised Polyhouse film, aprons Side window nets, profiles fittings</b> from all sides, top arches, aprons of the existing polyhouse and clearing structural members for fitting of new Polyfilm, nets, complete. <i>(Item quantity payable: Total actual UV stabilized film ,side net, apron surface area as per polyhouse structural dimensions as per measurement)</i>	Sq.m.	1881.00		
2	<b>Dismantling &amp; removal of existing old GI sheets gutter</b> from the existing polyhouse and clearing the structural members for installation of new GI sheet gutter fitting, etc. complete <i>(Item quantity payable: Total Actual quantity of Trapezoidal shaped GI sheet gutters on the polyhouse structural dimensions as per measurement)</i> <b>This Item NOT TO BE EXECUTED</b>	Mtr	This item not to be executed	This item not to be executed	This item not to be executed
3	<b>Dismantling &amp; removal of existing inner collapsible Shade net (inner roof side), supporting wires, cords</b> from the existing polyhouse, etc. complete. <i>(Item quantity payable: Total actual quantity of UV stabilised Shade Nets in the polyhouse structural dimensions as per measurement.)</i>	Sq.m.	806.40		
4	<b>Dismantling and removal of existing FRP sliding door panels</b> of existing polyhouse with its connected GI pipes members, fitting, sliding fitting members at both ends of each polyhouses for installation of new doors as per modified requirements, complete <i>(Item quantity payable: Total doors with sliding mechanism on the polyhouse structure as per measurement.)</i>	Nos.	1.00		

Item No.	Description of Item of work	Unit	Approx. Qty	Unit Rate (Excluding GST) Rs./ Unit *(To be filled by Contractor)	Amount (Rs.) *(To be filled by Contractor)
5	<p><b>Providing and fixing New Trapezoidal shaped GI sheet gutters</b> for existing polyhouses, Specifications: min.1mm thick approved quality, IS 277, GI sheet trapezoidal shaped gutter with 500mm perimeter, gutters to be both side galvanized, all lengths without joints, Preferred Make/Brands of the items: UTTAM/ ESSAR/ JSW/ TATA, including providing and fixing (i)gutter trapezoidal shape prepared with industrial press &amp; fixing on existing pipe structure with 20mm self-drilling screws, gutters slopping towards north direction with approx.2% slope, work as per the standard practices &amp; site conditions to dispose-off rain water from polyhouses, complete. <i>(Item quantity payable: Total Actual quantity of Trapezoidal shaped GI sheet gutters installed as per polyhouse structural dimensions as per measurement)</i></p> <p><b>FOR INFORMATION ONLY. This Item NOT TO BE EXECUCUTED</b></p>	Mtr	This item Not to Executed	This item Not to Executed	This item Not to Executed
6	<p><b>Providing and fixing Imported, UV stabilised Polyhouse film</b> for existing polyhouse of required widths &amp; lengths for covering the existing polyhouses from all the sides as per standard practices. Specifications: Polyhouse film as per BIS: IS:15827:2009, Preferred Make/ Brands of the items: GINEGAR, white &amp; Diffused, UV stabilized, 200 micron thick, transparent, five layered, anti drip, anti fog, anti sulphur, clear and having min. 85% level of light transmittance. Including ( i) providing and fixing of aluminum box profiles &amp; Zigzag high carbon steel springs for fitting films, nets for existing polyhouse, C-shaped, polyhouse aluminum box profiles (min.190gm/m), smooth edges, with suitable with two way locking arrangements, profile drill-fitted at every 40cm on existing structure as per requirement with min 20mm self drilling screws, fixing the above with Zigzag high carbon steel springs for fitting polyhouse UV films, nets on existing polyhouse for locking in box profiles, min 2.2mm diameter, zinc coated, inserted to fix shade net / polyhouse film / insect net, complete. (ii) the film shall cover all the area of the polyhouse structure including roof, gables, rollup/down curtains etc. as per the existing arrangements. Roll-up/Down polyfilm curtains arrangement with min 30cm overlap on apron, films properly clamped to curtain rods with existing structural members, complete.(iii) minor repairs of curtain rod, handles, universal joints, handles as per need &amp; fixed as per site requirement, supply and fixing of GI Pipe curtain rods wherever found damaged rusted, damaged, if any during pre-inspection, Specifications: BIS Standards (IS1161:2014) GI pipe 26.9mm OD/3/4" NB, min.50micron galvanised, complete.(iv)fixing film to curtain rods with plastic curtain clamps for manual roll-up / down operational arrangement &amp;existing anti flapping fixtures with minor fittings accessories, if any, as per the site conditions, Complete.<i>(Item quantity payable: Total actual Qty ( L m x W m ) installed as per structural dimensions)</i></p>	Sq.m.	1722.00		

Item No.	Description of Item of work	Unit	Approx. Qty	Unit Rate (Excluding GST) Rs./ Unit *(To be filled by Contractor)	Amount (Rs.) *(To be filled by Contractor)
7	<p><b>Providing and fixing UV stabilised laminated woven PE film for apron for existing polyhouse</b> of required widths &amp; lengths for covering up to the approx. 1.5m from the ground up to apron top all along the periphery of the polyhouse. Specifications: UV stabilised laminated PE apron film, min 140 GSM, white, tearing strength 140kg/cm<sup>2</sup>, Preferred Make/ Brands: .B&amp;V / Suncool/ Tufrope / Shalimar / Agriplast. Including (i) apron cladding to be sealed with plastic coated wired support &amp; fitted minor fittings accessories at apron top for all sides as per existing arrangement, 20cm buried vertically and horizontally below the ground, as per the site conditions, complete. (ii) fixing of aluminum box profiles high carbon steel springs for fitting to existing polyhouse wherever required, C-shaped, polyhouse aluminum box profiles (min.190gm/m), smooth edges, with suitable with two way locking arrangements, profile fitted at every 40cm on existing structure as per requirement with min 20mm self drilling screws, for fitting films, nets as per requirement, Zigzag high carbon steel springs for fitting polyhouse UV films, nets on existing polyhouse for locking in box profiles, min 2.2mm diameter, zinc coated, inserted to fix shade net / polyhouse film / insect net on the structure as per site requirement, complete. (Item quantity payable: Total actual Qty (L m x W m) as per structural dimensions)</p>	Sq.m.	170.10		
8	<p><b>Providing and fixing UV Stabilised Tape Shade Nets for existing polyhouse</b> (Roof side- inner Top) with collapsible/expandable mechanism above the floor area of the polyhouse. Specifications: UV Stabilised woven HDPE Tape net, with 50% shading, white/white-black, Min 100GSM, IS:16008:2012, Preferred Make/Brands of the items: B&amp;V / Malmo / Garware / Tuflex / Shalimar / Agriplast. Shading net to be fitted above the floor area equal to the area accommodated between remote four-corner columns (rectangle) of each polyhouse with collapsible/expandable mechanism without sagging, complete. Including providing and fixing (i) GI wires 12 Gauge / G.I wire rope 3 mm for supporting collapsible shade net inside the existing polyhouse, Specifications: 12 gauge, zinc coated GI wire, zinc coated, IS: 4826, Preferred Make/ Brands of the items: TATA wiron/ approved, OR Mono filament yarn 2.5mm, Agroline/ Agroasia supporting GI wire to be fixed near gutter height and equally spaced at every 2m along the gutter directions at required locations near gutter height; (ii) wires to be fitted without sagging for smooth sliding operation of shade nets inside each polyhouse; (iii) Zinc coated metallic curtain ring hooks min.3/4", (Total Qty 500 nos.) OR Shednet joiner &amp; small curtain pulley for sliding net mechanism for roof side shade net inside the existing polyhouse, Preferred Make/Brands of the items: approved rust proof, curtain rings to be equally spaced along sliding ends of with arrangement for smooth sliding operation of shade nets inside each polyhouse; (iv) UV stabilised HDPE rope /cords (Total length 500m), for pulling sliding shade nets inside the existing polyhouse, IS:5175, UV stabilised, min.Dia: 8 mm, Preferred Make/Brands of the items: Tuflex / Garware/ /Tufrope / approved, rope properly fitted with nets and pulley assemblies with appropriate fittings&amp; arrangement for smooth sliding operation of shade nets inside each polyhouse; (v) matching metallic pulley assemblies with minor accessories, pulley min. dia75mm, (Total Qty 10Nos.)zinc/powder coated, Preferred Make/Brands of the items: approved, pulley to be fixed at required pole locations &amp; height, with arrangement for rope movement smooth sliding of roof side shade nets inside each polyhouse, complete. (Item quantity payable: Total actual quantity of UV Stabilised Shade Nets installed in the as per polyhouse structural dimensions as per measurement.)</p>	Sq.m.	806.40		



Item No.	Description of Item of work	Unit	Approx. Qty	Unit Rate (Excluding GST) Rs./ Unit  *(To be filled by Contractor)	Amount (Rs.)  *(To be filled by Contractor)
9	<p><b>Providing and fixing UV Stabilized mono filament Insect net</b> for polyhouse on all along the horizontal side windows of polyhouse, Specifications: Mono-mono filament woven Insect-net, white, 2m wide, Type:40x40mesh, Min 100GSM, IS:16008:2016, Preferred Make/Brands of the items: GARWARE / B&amp;V / MALMO / TUFLEX / SHALIMAR / AGRIPLAST Including providing and fixing (i) all along the sides windows of the polyhouse, fitted at the top of the side window, overlapped at the apron-top below, as per site requirements, complete. (ii)fixing the above with aluminum box profiles, Zigzag high carbon steel springs, C-shaped, polyhouse aluminum box profiles (min.190gm/m), smooth edges, with suitable with two way locking arrangements, profile fitted at every 40cm with min 20mm self drilling screws, fixing Zigzag high carbon steel springs for locking in box profiles, min 2.2mm diameter, zinc coated, inserted to fix shade net / polyhouse film / insect net on the structure as per site requirement, complete.</p> <p><i>(Item quantity payable: Total Actual quantity as per polyhouse structural dimensions)</i></p>	Sq.m.	294.00		
10	<p><b>Providing &amp; Fixing of Single/Double Leaf UV stabilized door with sliding mechanism for existing polyhouse.</b> Specifications: UV stabilized FRP /Polycarbonate &amp; G.I sheet door door panels, Min.1mm thick with square pipe frame inside, approved design. Single big door of 2m(W)X2m(H) or Double leaf arrangement with 1m(W)x2m(H) each leaf OR with metallic handles zinc coated channels with sliding mechanism, including (i) fixing of doors panels at existing door locations, to make clear door entry opening from existing 1m to min.1.5m min. , (ii) fix door panels Vertically, additional GI pipe supports to fit if required &amp; assemble new double door panels, new good quality sliders, smooth and operational sliding, complete.</p> <p><i>(Item quantity payable: Total Actual Qty with sliding mechanism installed.)</i></p>	Nos	01		
11	<p><b>Providing and fixing GI sheet fabricated Metallic funnels</b> for existing polyhouse rainwater collecting gutters fabricated with min 2mm GI Sheet,min.275GSM zinc coating, funnel connected to gutter end with required fittings, bracings, for safe disposal of rain water into the connected PVC pipe, complete.</p> <p><i>(Item quantity payable: Total Actual quantity of GI sheet fabricated Metallic funnels installed on the polyhouse structure as per measurement.)</i></p>	Nos	3.00		

Item No.	Description of Item of work	Unit	Approx. Qty	Unit Rate (Excluding GST) Rs./ Unit  *(To be filled by Contractor)	Amount (Rs.)  *(To be filled by Contractor)
12	<b>Providing and fixing new Rigid PVC pipes for rainwater disposal</b> for existing polyhouse from each gutter funnels, Specifications : Rigid PVC pipe, min 110mmx4kg/cm2, with self-fit couplers/ necessary bends, couplers, fittings, IS:4985-2000, Preferred Make/Brands of the items: FINOLEX / JAIN / SUPREME / KISAN, pipes to be connected from Metallic funnels with side bracings including all fittings for safe disposal of rain water into existing ground cement gutter near polyhouse as per site conditions, complete. <i>(Item quantity payable: Total Actual quantity of Rigid PVC pipes including fitting installed on the polyhouse structure as per measurement.)</i>	Mtr	16.50		
				<b>Grand Total (Rs.)</b> (SUM of Item 1 to 12)	

## Declaration

I/We, M/s.....

Address.....

do hereby agree to execute the whole of the proposed work of Providing and fixing new UV stabilized polyhouse film, GI gutters, shade-nets, sliding FRP doors and minor repairs as per the requirement for the existing polyhouse at Krishi Vigyan Kendra demonstration farm in the campus of YCMOU at Gowardhan, Nashik, as described in SHEDULE - B and according to the terms & conditions mentioned herein for the sum of ;

(Grand Total) Rs.....

In words, Rs.....)

Stamp & Signature of Contractor

