

TENDER DOCUMENTS  
**NIT-21/2023**

FOR

**Miscellaneous Work in Green houses.**

AT

INTERNATIONAL CENTRE FOR GENETIC ENGINEERING & BIOTECHNOLOGY (ICGEB)

ArunaAsaf Ali Marg, New Delhi – 110067

Website: [www.icgeb.res.in](http://www.icgeb.res.in)

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**TENDER NOTICE**

**INTRODUCTORY NOTE:**

ICGEB is an international organization dedicated to advanced research and training in molecular biology and biotechnology, with special regard to the need of the developing world. ICGEB, New Delhi Component has been given privileges and immunities as for other UN Organizations in India vide Government of India's gazette notification no. 216, SO 403(E) dated 12 April 1988.

ICGEB invites sealed Bids to meet the immediate requirement for "Miscellaneous Work in Green houses"

Interested & competent firm/individual may download the Bid documents from ICGEB website

**IMPORTANT INFORMATION**

<b>Name of Work</b>	Miscellaneous Work in Green houses.
<b>Tender No.</b>	NIT - 21/2023
<b>Earnest Money Deposit (EMD) &amp; Tender Fee</b>	EMD of Rs. 20,000/- (Twenty Thousand Rupees only) & Tender Fee of Rs1,000/-(One Thousand Rupees only) in the form of separate demand draft to be drawn in favour of <b>International Centre for Genetic Engineering &amp; Biotechnology payable at New Delhi.</b>
<b>Distribution of Tender Document</b>	<b>To be downloaded from the website of the ICGEB</b> <a href="http://www.icgeb.res.in/ndinfo.htm">http://www.icgeb.res.in/ndinfo.htm</a>
<b>Pre bid meeting</b>	2 <sup>nd</sup> Nov, 2023 at 12:00 PM.
<b>Last Date and time for Bid Submission</b>	10 <sup>th</sup> Nov,2023 till 3.00 PM
<b>Address at which Bid is to be submitted</b>	Should be dropped in the tender box at the reception of International Centre for Genetic Engineering & Biotechnology, ArunaAsaf Ali Marg, and New Delhi – 110067.
<b>Date, Time&amp; Place of opening of the Technical Bid</b>	10 <sup>th</sup> Nov,2023 at 4:15 PM, ICGEB
<b>Date, Time &amp; Place of opening of the Financial Bid</b>	Technically qualified bidders will be called for financial bid opening
<b>Method of selection</b>	Both “Technical” and “Price” bid should be in separate envelopes and then put in to one common envelope, super scribing the name of the work and tender opening date etc. The Financial Proposals of the Firms/Individuals that qualify the Technical Evaluation will only be opened. Further, the Firm/Individual having the least quote (L1) in its financial proposal will be awarded the contract if the price bid is found to be in order.

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**MINIMUM ELIGIBILITY CRITERIA**

The bidder should meet the following Eligibility Criteria and must submit documentary evidence in support of their claim for fulfilling the criteria and they should submit an undertaking on their official letterheads to the fairness of these documents while submitting the bid. The bids received without the documentary evidence will be rejected outright.

1. The bidder should have an address in Delhi/NCR.
2. Copies of the work order and completion certificate successfully executed for similar kind of work during the last 7 years preferable for reputed Public Ltd. Companies, Public sector, Govt. Institutions and autonomous bodies in the following manner.
  - A. The Bidder should have successfully completed one single assignment of similar kind of work for Rs. 8,00,000/-. **OR**
  - B. Two similar work of Rs. 5,00,000/- each. **OR**
  - C. Three Similar work of Rs. 4,00,000/- each.
3. The bidder should have valid GST/TIN, registration certificates from relevant authorities (provide latest receipts/challans for documentary evidence).
4. The bidder should submit PAN number with documentary evidence
5. The Company / Firm / Individual, any Partners of the firm should not be black listed by any PSU or Government departments/ UN or its agencies/ institutions/ private organisations in respect of any assignments or behaviour of any Partner/ employee. The firm / Individual will provide an undertaking that such Partner/ employee will not be involved in the said contract, directly or indirectly.
6. An undertaking should be submitted that there are no legal suits / criminal cases pending against the Firm and its Proprietor/Partners or having not been earlier convicted on grounds of moral turpitude or for violation of laws in force.

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## GENERAL TERMS AND CONDITIONS FOR SUBMISSION OF THE BID

**Note: Bidders must read these conditions carefully and comply strictly while submitting their bids.**

### 1. PRE-BID MEETING & QUERY:

- a. The Pre-Bid Meeting shall be hosted by ICGEB.
- b. The Bidder or its official representative will be invited to attend the pre-bid meeting.
- c. The purpose of the meeting is to provide Bidders information regarding the Tender, project requirements, and opportunity to seek clarifications regarding any aspect of the Tender Document and the assignment.
- d. ICGEB may make modifications to the Tender Document if felt necessary as a result of the Pre-bid meeting. All such modifications made to the Tender Document by ICGEB will be issued as a corrigendum to the Tender.
- e. Any such modifications resulting out of the Pre-bid meeting will be circulated to the Bidders through website <http://www.icgeb.res.in/ndinfo.htm>.
- f. ICGEB will not be responsible for non-receipt of corrigendum/modifications published/sent by ICGEB to the Bidder.

### g. 1 PREPARATION AND SUBMISSION OF THE BID DOCUMENT:

The Bidder is expected to examine all instructions, forms, terms & conditions and specifications stated in the Bid Documents. Failure to furnish all information required in the Bid Document or submission of a Bid not substantially responding to the Bid Documents in every respect will be at the Bidder's risk and may result in the rejection of the Bid. The following sections of the Bid Documents must be completed and submitted by the Bidder:

### 2. TECHNICAL BID should contain the following:

**Note: All the Annexures to be filled properly and neatly.**

- a. Technical Bid Form (Annexure-A)
- b. Certificate of registration (GST, PAN).
- c. Documentary evidence for minimum qualifying criteria.
- d. Tender Fee of Rs. 1,000/-.

- e. EMD DD of Rs. 20,000/-
- f. Undertakings / declaration certificates (Annexure -B)
- g. Complete Tender document (except price bid) duly sign and stamp on each page as a token of acceptance
- h. Site Visit certificate (Annexure-C)

**3. FINANCIAL / PRICEBID:**

In this bid the bidder is required to quote his items rates/prices for the works mentioned in the scope of work & technical specifications. The rates/price should be inclusive of all material cost, labour, services, charges for the plant/machinery/tools & tackles required for work, freight, Insurance, Govt. duties, excluding GST. If the tax rates are not shown separately, it will be deemed to be included in the quoted price and dealt with, accordingly.

Quoted rates will be deemed to cover all the items & works which may be required for completeness and functioning of total system, even though they may not have been explicitly mentioned in the scope and schedule of works.

No charges towards price escalation, site difficulties shall be payable extra or separately. It is mandatory on bidder to quote all items rate as asked for in the BOQ/ PRICE schedule. Failure to adhere to this condition will lead to rejection of tender.

**4. EARNEST MONEY DEPOSIT& TENDER FEE:**

Earnest money deposit amount equivalent to Rs. 20,000/- (Twenty Thousand Rupees only) & Tender Fee of Rs.1,000/- (One Thousand Rupees only) in the form of DD issued by any Commercial Bank in favour of International Centre for Genetic Engineering & Biotechnology payable at New Delhi must accompany the Technical Bid. The E.M.D. of successful bidder shall be released after submission of performance guarantee by him. Bids not accompanied by E.M.D. shall be rejected. E.M.D. of unsuccessful Bidders will be returned as early as possible. The E.M.D. shall be forfeited if a Bidder withdraws its Bid during the period of validity of the tender.

- 5. PERIOD OF VALIDITY.** Bids shall remain valid for **180 days** after last date for bid submission prescribed by ICGEB which may be extended with mutually agreed terms. A bid valid for a shorter period may be rejected by ICGEB as non-responsive.

**6. SITE VISIT:**

Interested Bidders may visit the ICGEB Campus before submission of the bid. For site visit, please contact Mr. Naresh Chand Dabral Component In-charge, Tel: 26741358, 26742357, Email ID: [ncdabral@icgeb.res.in](mailto:ncdabral@icgeb.res.in) on any working day (Monday to Friday) between 10:00 to 17:00 hours.

- 7. SITE CONDITION:** Before quoting, the contractor must visit the site to inspect the work and shall fully acquaint himself about the conditions and scope of work with regard to accessibility of site required for the satisfactory execution of work along with site visit certificate No compensation on account of any site difficulties will be entertained, at a later date, after award of the works.
- 8. Tender Rejection:** ICGEB reserves the right to reject any or all the tenders in full or in part without assigning any reasons whatsoever, and the decision of the centre in this regard will be binding on all the bidders. Tenders not complying with any of the provisions stated in this tender document are liable to be rejected. Director, ICGEB reserves the right to accept or reject any tender without assigning any reason and does not bind himself to accept the lowest tender.
- 9. FORMAT AND PREPARATION OF THE BID:**
1. The Bidder shall prepare the Technical Bid and Financial Bid and place them in two separate sealed covers, clearly marking each as "Technical Bid" and "Financial Bid". Name of firm / proprietor, address & contact no. should be mentioned clearly on both the envelopes. These should further be placed in a large size envelope with the same information on it. Both Technical & Financial Bids, along with documents required to be submitted, shall be signed by the Bidder and a person duly authorized by the Bidder to, on each page. Written power of attorney accompanying the Bid shall indicate necessary authorization. Any correction in the Bid shall be initiated by the person signing the Bid.
  2. All entries in the Application form should be legible and filled clearly. If the space for furnishing information is insufficient, a separate sheet duly signed by the authorized signatory may be attached.
  3. No deviations in respect of NIT conditions are acceptable.
  4. ICGEB reserves the right to visit the working sites mentioned by bidders as proof of experience to ascertain the quality of service rendered. The bidder will have to arrange for such visit.

**10. SUBMISSION OF BID:**

The Bid in two parts, one containing the Technical Bid and the other containing the Financial Bid shall be placed in two separate sealed envelopes clearly marked as below:

- i. "Bid for Miscellaneous Work in Green houses- Technical Bid"
- ii. "Bid for Miscellaneous Work in Green houses- Financial Bid"

The sealed envelope having the Technical Bid shall contain the Technical Bid Form, Declaration Certificates, Demand drafts for Tender fee and E.M.D, documents establishing eligibility of offered services and a complete set of the Bid Document stamped & signed on all the pages etc.

The other sealed envelope will contain the Financial Bid which shall include Schedule of Rates.



Both the sealed envelopes containing the Technical Bid and Financial Bid separately, shall be placed in an outer envelope dully sealed, marking the outer envelope as “Miscellaneous Work in Green houses”. The Bid shall be dropped in the tender box at the reception of, ICGEB, Aruna Asaf Ali Marg, New Delhi – 110 067.

If the cover containing the Bid documents is not sealed and marked as instructed above, no responsibility will be assumed for any misplacement of the Bid or beforetime opening of the envelope.

**11. IMPORTANT NOTE:**

1. Bid received through email and/or after the scheduled date and time will not be accepted.
2. ICGEB reserves the right to accept any or reject all the tenders without assigning any reason thereof.
3. Selection will be done on competitive basis. Canvassing in any manner shall lead to disqualification of the Firm / Individual.

**12. BID OPENING AND EVALUATION:**

**BID OPENING:**

All the Technical Bids shall be opened publicly in the presence of the Bidders or their representatives in front of the Bid Evaluation Committee. Bidders' name, documents with presence and absence of Bid security, period of Bid validity and such other items will be announced and recorded at the time of opening of the Technical Bid by the Bid Evaluation Committee. The Financial Bids of Technically Responsive Bidders will be opened in the presence of such responsive Bidders or their representatives on date and time to be notified later. Total Bid amount will be announced and recorded at the opening of the Financial Bid. Minutes of the Bid Opening containing summary of information with regard to each Bid shall be prepared during the opening of both Technical & Financial Bids.

**13. EVALUATION OF BIDS:**

1. For proper evaluation & comparison of Bids, the Bid Evaluation Committee, may at its discretion, ask the Bidder for any clarification of the Bid. The request for clarification and the response shall be in writing, but no changes in the price of the Bids shall be offered or permitted.
2. The technical bids will be evaluated by the Bid Evaluation Committee on the basis of experience in similar organizations, resources available with the firm/ Individual, visit of the Committee to the site where the contractor is currently handling similar work etc.
3. The Bid Evaluation Committee will first evaluate the Technical Bids to determine the substantial responsiveness of the Technical Bids. Substantial Responsive Bid is one which conforms to all the terms and conditions as indicated in the Bid Document and which also establishes Bidder's qualification to deliver the services according to technical specifications. After the evaluation of all the Technical Bids, Financial Bids corresponding to only substantial responsive Technical Bids will be taken up for evaluation.
4. All non-substantial Technical Bids will be rejected as non-responsive and corresponding Financial Bids shall be excluded from further evaluation.
5. The Bid Evaluation Committee, may at its discretion, decide to waive off any minor non conformity in

a Bid which does not constitute a material deviation with regard to services and pricing.

6. While evaluating Financial Bids, if there is any discrepancy between the unit price and the total price, unit price will prevail and total price shall be corrected. However, if the Bidder does not accept the correctness of the errors, his Bid will be rejected.
7. The Bidder must have supplied the information required in the Bid document. A Bidder not fulfilling any criteria stipulated, his Bid will be considered non responsive and may be rejected.
8. The Bidders who have duly complied with the Eligibility Criteria will be eligible for further processing.
9. The successful bidders of the Technical Bids will qualify for opening of the Financial Bids.

The Bids which have been established as responsive in all respects will be compared for its price competitiveness. On the basis of technical and financial evaluation, substantially responsive and most advantageous Bid will be considered for the award of contract for Miscellaneous Work in Green houses.

14. **THE BIDDER IS EXPECTED TO EXAMINE ALL INSTRUCTIONS**, forms, terms and conditions in the bidding documents. Failure to furnish all information required in the bidding documents or submitting a Bid not substantially responsive to the bidding documents in any respect may result in the rejection of the Bid.
15. **THE BIDDER SHALL BEAR ALL THE COSTS** associated with the preparation and submission of its bid, and ICGEB in no case will be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.
16. **PROFESSIONAL EXCELLENCE AND ETHICS:** ICGEB requires that all Bidders participating in this Bid adhere to the highest ethical standards, both during the selection process and throughout the execution of the contract.
17. **FAILURE OF THE SUCCESSFUL BIDDER** to comply with all the requirements shall constitute sufficient grounds for the annulment of the award, in which event ICGEB may make the award to the next lowest evaluated bidder or call for new bids.
18. **THE TENDERING AUTHORITY RESERVES THE RIGHT TO ACCEPT ANY BID** not necessarily the lowest, reject any bid without assigning any reasons for entering into the Rate Contract.
19. **CONDITIONAL BIDS:** If a bidder imposes conditions, which is in addition to or in conflict with the conditions mentioned herein, his bid is liable to be summarily rejected.
20. The Director, ICGEB reserves the right to cancel any or all the tenders without assigning any reason.
21. Tender once submitted will remain with ICGEB and will never be returned to the bidders.

## **22. ARBITRATION/RESOLUTION OF AND JURISDICTION**

Any dispute arising out of this contract will be in accordance with the principle of international laws

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**Scope of Work**

Name of Work: Miscellaneous Work in Green houses.

S.NO	Description	Quantity
1.	Supply, installation, testing, and commissioning of 18 inches' heavy duty exhaust fan with louver for Green House No .2 and Arabidopsis room.	2 Nos
2.	Supply, installation, testing, and commissioning of 18 inches size GI exhaust fan louver Green house no 1 and 4	02 Nos
3	Supply, installation, testing and commissioning of Ultrasonic Humidifier 10 Ltr capacity, humidifier tank, body and stand should SS 304 materials complete as required. Supply, installation, testing and commissioning of ON/OFF switch with wiring for field and RO water pumps from control panel to pump (wiring should used 2.5 mm) in Green house No.11.	02 Nos
4	Repairing of Ultra sonic humidifier 10 litre capacity installed in Green house Room no. 03 (1) , GH No. 15 (5) and Green house 5(2)	08 Nos
5	Supply, installation, testing and commissioning of Turbo Humidifier 10 Litre capacity. Humidifier tank, body and stand should SS 304 material along with Humidity controller, RO system, ( 12 Litre capacity), 100 litre Water tank with GI stand ,water tank level controller, electrical wiring, power points, MCB water line connection and CPVC pipes with accessories complete as required in Arabidopsis room .	01 job
6	Supply, installation, testing and commissioning of 02 nos Ultrasonic Humidifier 10 Litre capacity. Humidifier tank, body and stand should SS 304 material along with one Humidity controller, two nos RO system ( 12 Litre capacity), one Water tank 200 litre with GI stand ,water tank level controller, electrical wiring, power points, MCB, water line connection and CPVC pipes, valves with accessories complete as required in Green house no. 12.	01 Job
7	Removing of existing cladding material and providing and fixing of UV stabilized (32x26) Nylon mesh (Nylon Net) on gate size (LxW area-7' X 4'). Providing and fixing of UV stabilized (40x40) Nylon mesh (LxWxH area- 35'x20'x12') supporting aluminium channels, SS screws, existing GI structure painting complete as required in Net House No.2.	01 job
8	Dismantling of existing celdek pad with water recycling system and Supply, installation, testing, and commissioning of 100mm celdek cooling pad with water recycling system, including replacement of half HP motor ,celdek cooling pad GI tray all CPVC pipe lines,500 Litre water tank ,valves complete as required ( GH-5, 6, 7 and 9)	04 job

9.1	Supply, installation, testing and commissioning of Benches made of hot dip galvanized frame (bench size – 8ft x 3ft x 1.5 ft) Top portion but securely fitted will be removable Part from below portion, all legs of stands should be hollow pipe. All structure should be completely painted. Sample as per existing installation. Room 6 - 06 nos, Room 7 - 04 nos, Room 9 - 01 no  Structure material will be follow as below	11 Nos
a	Upper framework all side of stands from G.I Hollow Section (40*40*2) MM.	
b	G.I Flat Patti on top = (25*3) MM.	
c	G.I Square bars (12) MM to be fixed in the gap of 40MM.	
d	(40*40*2) MM G.I Hollow Pipe for base frame work	
e	(30MM*30MM*2MM) G.I Hollow pipe connecting from upper part of stands.	
f	Providing and supplying 1 Coat primer and 2 coat silver paint. With complete.	
9.2	Supply, installation, testing and commissioning of Benches made of hot dip galvanized frame (bench size – 9 ft x 4 ft x 2.5 ft) Top portion but securely fitted will be removable Part from below portion, all legs of stands should be hollow pipe. All structure should be completely painted. Sample as per existing installation. Room 13 - 05 nos. Structure material will be follow as below	05 Nos
a	Upper framework all side of stands from G.I Hollow Section (40*40*2) MM.	
b	G.I Flat Patti on top = (25*3) MM.	
c	G.I Square bars (12) MM to be fixed in the gap of 40MM.	
d	(40*40*2) MM G.I Hollow Pipe for base frame work	
e	(30MM*30MM*2MM) G.I Hollow pipe connecting from upper part of stands.	
f	Providing and supplying 1 Coat primer and 2 coat silver paint. With complete.	
10	Repairing and painting (rust removing, one coat primer and two coat silver paint) of existing benches in various green houses as follows Room 1 - 04 nos, Room 3- 9 nos, Room 4 - 08 nos, Room 5 - 13 nos, Room 10 - 19 nos, Room 6 - 01 no, Room 7 - 03 nos, Room 8 - 08 nos, Room 9 - 04 nos, Room 13 - 02 nos Room 15 - 01 No	72 Nos
11	GI hollow square pipe- Providing and fixing of GI hollow square pipe painting complete as required. Size - (50 mm x 50mm x 5mm) for if any extra/replacement of defective greenhouse side GI structure.	80 RMT
12	Providing and fixing of green shade net as per existing structure(some modification and extra supporting/painting required) in the Arabidopsis room complete as required.	01 Job

13	Brick work -Providing and laying first class in brick face work in superstructure thickness 9 inch in 12mm thick cement sand mortar (1:4 including cost of soaking of bricks in water, provision for recesses, openings, toothing's curing filling and raking out joints wherever required, all complete in Net House No.1.	06 Cum
14	Plaster -Providing and laying on brickwork wall 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 15 mm nominal size) including 15 mm thick cement plastering in prop. 1:3 finished with a floating coat of cement slurry/ cement punning as directed over well rammed and consolidated and grouted with fine sand, including necessary levelling & dressing, curing etc. all complete. Inside and outside in Net House No.1.	60 Sqm
15	Removing of old cladding material and providing and fixing of new 304 grade stainless steel (40 x40) mesh fixing along with supporting aluminum channels, existing GI structure painting, and SS screws complete as required. Net house No.1.	230 Sqmtr
16	Supply, installation, testing and commissioning of Pro 600 Watt HPS lamp through Ceiling suspended with the help of necessary fitting & accessories complete as required. Green house no 05 -1, Green house no 08 - 05 nos, Green house no 09 - 02 nos and Green house no 15 - 03 nos.	11 Nos
17	Supply, installation, testing and commissioning of commercial heat convector 2.5 KW with the help of necessary fitting including wiring from control panel to green house no. 09 complete as required.	01 No
18	<b>NET HOUSE NO - 03</b>	
a	<b>Brick work</b> -. Providing and laying first class in brick face work in superstructure thickness 9 inch in 12mm thick cement sand mortar (1:4) including cost of soaking of bricks in water, provision for recesses, openings, toothing's curing filling and raking out joints wherever required, all complete.	02 CUM
b	<b>Pathway Plaster</b> -Providing and laying on brickwork wall 1:3 (1cement: 3 coarse sand) including 15 mm thick cement plastering in prop. 1:3 finished with a floating coat of cement slurry/ cement punning as directed over well rammed and consolidated and grouted with fine sand, including necessary levelling & dressing, curing etc. all complete. Inside and outside both	110 SQM

c	<b>Painting G.I Structure-</b> Painting new G.I. pipes with three coats consisting of one coat of zinc chromate primer and two coats of 1st quality synthetic enamel paint of approved make and color incl. cleaning the pipes, cost of all materials and brush etc. complete. SIZE OF NET HOUSE- (52X52 FT)	01 JOB
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**MAKES;**

Exhaust fan	;	Havells, Crompton
GI exhaust fan louver	;	JINDAL,TATA
Nylon mesh	;	TUFLEX
Celdek cooling pad 100 mm	;	MUNTERS
Water tank	;	Sintex,Astral
Water pump	;	Havells, Crompton
CPVC pipe, fittings and valves	;	Astral,Finolex
RO system	;	Kent
GI Squire pipe	;	JINDAL,TATA
Electrical cable, MCB	;	Havells,Finolex
Power point	;	Anchor,Havells
Paint	;	Asian, Berger
HPS Pro 600 W par light	:	Gavita
Cement	:	Ultratech, Ambuja

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**TERMS OF PAYMENT**

1. **Escalation:** No escalation over and above items rates quoted by the bidder shall be paid during the execution of contract due to whatsoever reasons.
2. **Performance Guarantee @5%** shall be deposited to the department on the work order amount by the agency within a period of 15 days from the date of issue of LOI (work order) before commencement of work. Performance guaranty shall only be acceptable in the form of bank guarantee /DD and it will be returned after successful completion of work. (Date of completion certificate issued by ICGEB)

If tenderer fails to deposit the said performance security within the period as indicated, the Earnest Money deposited by the tenderer shall be forfeited automatically without any notice to the tenderer and without prejudice to any other right or remedy. Performance Bank guarantee shall be valid for entire contract period and two extra months. In case of contract extension with or without LD the validity of BG shall also be extended for the extended period with additional two months.

- FORFEITURE: Performance Bank guarantee shall contain a statement that it shall be automatically and unconditionally forfeited without recourse and payable against the presentation by ICGEB to the relevant company/ correspondent bank, as the case may be, together with a simple statement that tenderer has failed to comply with any term or condition set forth in the Contract.
  - RELEASE: Performance Bank guarantee will be released without interest on successful taking over of the project by ICGEB on receipt of written request from tenderer.
3. **Security deposit of 10 %** will be deducted from the Contractors bills and same will be released after successful expiry of defect liability of 12 months from date of completion of Work.
  4. **Payment of bills:**  
  
100 % payments after satisfactory completions of work.
  5. **Extra Items:** - During the execution of work, the contractor may require to execute certain additional/extra items in order to complete the job/works beyond the BOQ for which no rates are available. The payment for such extra/deviated items shall be paid as per rate approved on the basis of analysis. The cost component for rate analysis shall be (i) cost of material (ii) cost of direct labour (iii) Contractor over heads & profit 10%. Before execution of extra work, the rate analysis may be forwarded to ICGEB for approval of the Director, ICGEB. However, the extra items amount should not exceed 10% of the total contract value including all taxes.

6. **Guarantee/Defect Liability Period:** The contractor should guarantee for the works / items executed by him against the bad material / workmanship for a period of one year from the date of acceptance by ICGEB. During this period if any replacement of items and/or repairs / rectification is needed, the same should be replaced / repaired free of cost to ICGE
7. **Liquidated Damage:** In case the work is delayed beyond the specified completion period for reasons attributed to the contractor, deductions on account of Liquidated damages @ 1 % of the contract value per week will be deducted subject to a maximum of 10% of the total contract value excluding GST. However, in case the works are delayed beyond the schedule completion/contract period, ICGEB reserves the right to get the work done by any other contractor at the risk and cost of the contractor and amount to this affect along with 10% over heads will be deductible from his bills/dues.
8. Rates quoted by bidder in 'Price Bid' will be item rates i.e. will be all inclusive including material, labour, cartage, tools, tackles, all access ladders & scaffolding, (all taxes excluding GST), Contractors overhead profit and all other expenses not specifically mentioned but reasonably implied.



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**GENERAL TERMS AND CONDITIONS RELATING TO WORKS**

1. **Completion Time:** Time limit for completion of the work is 45 days from the date of the order issued. The time shall be the essence of this contract and entire work as titled above is to be completed in all respects within the given time from the date of issue of work order. The successful bidder has to submit the time & activity chart for the completion of work.

Under the force-major conditions or delay due to reasons beyond control of the contractor, ICGEB may grant suitable time extension for which the contractor has to request along with the justification/ reasons well in advance to the Director, ICGEB for approval without any prejudice to price escalation. No time extension request shall be considered after the expiry of completion period of contract. The decision of the Director will be final and binding on the bidder/contractor.

2. Kindly note that payment shall be made as per the actual quantities executed and not on the basis of materials supplied. The final payment will only be made on the basis of the actual work quantities executed and for this a joint measurement by ICGEB and the contractor will have to be taken. The responsibility and the facilitation for taking the measurements will rest with the contractor.
3. The Work shall be done as per schedule of items, specification terms and conditions and instruction of Engineer-in-charge on as and when required basis.
4. The rates shall be inclusive of cartage/ loading unloading or any other expenses. GST should be clearly shown separately. Rate must be valid and firm for a period of one year from the date of award of contract/Letter.
5. Inferior and Poor quality material shall not be accepted and contractor will redo such works
6. The contractor will have to undertake COMPLETE responsibility of accidents etc. for his persons working on site. ICGEB shall not be held liable for any injuries or damages. Also, any damage to any ICGEB property due to the actions of the contractor or its employees shall be compensated by the contractor”.
7. The Contractor shall clean the site after completion of work before submission of final bill. Any dismantled material shall be stacked in designated place as instructed by the Engineer-in-charge.
8. Charges for scaffolding or jhula if any, will be considered included in the quoted rates and no extra amount will be paid on this account.
9. Measurement shall be taken jointly by the Engineer-in-Charge or his authorized representative and by the contractor or his authorized representative.
10. All materials brought at site shall be got approved from the Engineer in charge before incorporation.
11. Contractor shall carry out the various tests as enumerated in CPWD/BIS specification at his own cost.

- 12.** Quantities are indicative and likely to vary. Bidder will have no objection for variation in quantities thereon. Payment will be as per actual work executed. 10%±deviation in quantities would be permitted.
- 13.** In case the bidder withdraws his offer within the validity of tender or contractor fails to work as per contract terms & conditions specifications after issue of the award letter, the earnest money will be forfeited. Other suitable administrative punitive action may also be imposed as deemed fit.
- 14.** Contractor should depute a qualified supervisor dedicated for this site, who will co-ordinate work and interact with the ICGEB representative responsible for supervision of work. Without a Supervisor, work will not be allowed. All the persons deployed at ICGEB site should carry valid gate-passes. Any negligence/offence on their part will attract immediate removal from site.
- 15.** The contractor will provide all necessary materials, tools, equipment, measuring instruments and working consumables etc., needed for execution of the works. Safe custody of all such material will be contractor's sole responsibility. No extra charges will be paid for the same.
- 16.** Watch and Ward of all material till the system is taken over by ICGEB shall be the sole responsibility of the contractor and pilferage etc. shall be entirely to his account.
- 17.** During execution of work, the contractor should follow all standard norms of safety measures / precautions to avoid accidents / damages to man, machines and buildings. On non-adherence of this clause, suitable fines as decided by the Director, ICGEB shall be imposed.
- 18.** Challan: No material belonging to the contractor whether consumable or non-consumable should be brought inside the ICGEB campus without proper entry at the main gate nor any material should be taken out without proper gate pass issued by the ICGEB. List of all inwards / outwards challan to be maintained by the contractor with a copy marked to ICGEB.
- 19.** ICGEB will provide free water and electricity during Miscellaneous Work in Green houses. The contractor has to make his own arrangements for distribution of power and water from that point as per his requirements.
- 20.** Termination of Contract: The Director, ICGEB reserves the right to terminate the contract on account of poor workmanship, failure to mobilise the site within 30 days, non-compliance of set norms/ specifications for the works, delay in progress of work, violation of any contract provisions by the contractor. In such case the contractor is liable to pay liquidated damages @ 10% of tendered value besides for failure of EMD.

**(7)**

## **ANNEXURES FOR TECHNICAL BID**

**Note: All the Annexures should be filled properly and neatly.**

## Annexure-A

## Technical Bid Form

S. No.	Description.	Fill the detail	Page No. of documentary
1.	Name of Agency.		
2.	Name of the Contractor (Firm/Individual) and Contact Person.		
3.	Date of Incorporation of the Firm		
4.	Whether Proprietary / Partnership		
5	Office Address in Delhi NCR, Tel. Nos and Email ID:		
6	GST Registration details (with documentary evidence)		
7	PAN No. (with documentary evidence)		
8	One similar work of value not less than Rs8,00,000/-.	1. Work order No. Date: Rs.	
9	Two similar works, each of value not less than Rs. 5,00,000 each.	1. Work order No. Date: Rs. 2. Work order No. Date: Rs.	

10	Three Similar works each of value not less than Rs. 4,00,000 each.	1. Work order No. Date: Rs. 2. Work order No. Date: Rs. 3. Work order No. Date: Rs.	
11	Completion certificate, if fully executed.		
12	Signed and stamped Tender document		
13	Tender Fee		
14	Earnest Money Deposit		
15	Undertaking for not black listed		
16	Site visit acceptance certificate (signed and stamped)		

Authorised Signatory  
Name & Address of the firm with seal

**UNDERTAKING/DECLARATION FOR NOT BEING BLACK LISTED**

Date.....

To,  
The Administrative Officer  
International Centre for Genetic Engineering & Biotechnology  
ArunaAsaf Ali Marg  
New Delhi – 110 067.

Dear Sir,

I / We ..... hereby confirm that our firm has not been banned or Blacklisted by any government organizations/Institutions/Court/Public sector Units/Private organization. Further it is certified that there is no police case pending against our firm/partner relating to previous service contracts.

Authorised Signatory

Name & Address of the firm with seal

Annexure – C

This certificate shall be furnished duly signed & stamped with Techno-commercial Bid.

**Site Visit Certificate/ Undertaking**

This is to certify that we have visited the site for work of **Miscellaneous Work in Green houses on** ..... and assessed the actual situation & nature of site. We have also assessed the amount of work involved at site for tendered work before submitting our offer. We will be able to complete the above work within stipulated time as per site conditions.

We further undertake that no extra cost will be claimed by us later-on for any difficulties/ modifications involved during the execution of tendered works. We understand that work is to be executed in an already operational/ functional institute.

Component In-Charge  
ICGEB New Delhi

Authorised Signatory  
Name & Address of the firm with seal

**(8)**

# **PRICE BID**



**PRICE BID (Schedule of Rate)****Name of Work: Miscellaneous Work in Green houses.**

S.NO	Description	Qty	Unit	Rate	Amount
1.	Supply, installation, testing, and commissioning of 18 inches' heavy duty exhaust fan with louver for Green House No .2 and Arabidopsis room.	2	Nos		
2.	Supply, installation, testing, and commissioning of 18 inches size GI exhaust fan louver Greenhouse no 1 and 4	02	Nos		
3	Supply, installation, testing and commissioning of Ultrasonic Humidifier 10 Ltr capacity, humidifier tank, body and stand should SS 304 materials complete as required. Supply, installation, testing and commissioning of ON/OFF switch with wiring for field and RO water pumps from control panel to pump (wiring should used 2.5 mm) in Green house No.11.	02	Nos		
4	Repairing of Ultra sonic humidifier 10 litre capacity installed in Green house Room no. 03 (1) , GH No. 15 (5) and Greenhouse 5(2)	08	Nos		
5	Supply, installation, testing and commissioning of Turbo Humidifier 10 Litre capacity. Humidifier tank, body and stand should SS 304 material along with Humidity controller, RO system, ( 12 Litre capacity), 100 litre Water tank with GI stand ,water tank level controller, electrical wiring, power points, MCB water line connection and CPVC pipes with accessories complete as required in Arabidopsis room .	01	job		
6	Supply, installation, testing and commissioning of 02 nos Ultrasonic Humidifier 10 Litre capacity. Humidifier tank, body and stand should SS 304 material along with one Humidity controller, two nos RO system ( 12 Litre capacity), one Water tank 200 litre with GI stand ,water tank level controller, electrical wiring, power points, MCB, water line connection and CPVC pipes, valves with accessories complete as required in Green house no. 12.	01	Job		
7	Removing of existing cladding material and providing and fixing of UV stabilized (32x26) Nylon mesh (Nylon Net) on gate size (LxW area-7' X 4'). Providing and fixing of UV stabilized (40x40) Nylon mesh (LxWxH area- 35'x20'x12') supporting aluminium channels, SS screws, existing GI structure painting complete as required in Net House No.2.	01	Job		

8	Dismantling of existing celdek pad with water recycling system and Supply, installation, testing, and commissioning of 100mm celdek cooling pad with water recycling system, including replacement of half HP motor ,celdek cooling pad GI tray all CPVC pipe lines,500 Litre water tank ,valves complete as required ( GH-5, 6, 7 and 9)	04	Job		
9.1	Supply, installation, testing and commissioning of Benches made of hot dip galvanized frame (bench size – 8ft x 3ft x 1.5 ft) Top portion but securely fitted will be removable Part from below portion, all legs of stands should be hollow pipe. All structure should be completely painted. Sample as per existing installation. Room 6 - 06 nos, Room 7 - 04 nos, Room 9 - 01 no. Structure material will be follow as below	11	Nos		
a	Upper framework all side of stands from G.I Hollow Section				
b	G.I Flat Patti on top = (25*3) MM.				
c	G.I Square bars (12) MM to be fixed in the gap of 40MM.				
d	(40*40*2) MM G.I Hollow Pipe for base frame work				
e	(30MM*30MM*2MM) G.I Hollow pipe connecting from				
f	Providing and supplying 1 Coat primer and 2 coat silver paint. With complete.				
9.2	Supply, installation, testing and commissioning of Benches made of hot dip galvanized frame (bench size – 9 ft x 4 ft x 2.5 ft) Top portion but securely fitted will be removable Part from below portion, all legs of stands should be hollow pipe. All structure should be completely painted. Sample as per existing installation. Room 13 - 05 nos.	05	Nos		
a	Upper framework all side of stands from G.I Hollow Section				
b	G.I Flat Patti on top = (25*3) MM.				
c	G.I Square bars (12) MM to be fixed in the gap of 40MM.				
d	(40*40*2) MM G.I Hollow Pipe for base frame work				
e	(30MM*30MM*2MM) G.I Hollow pipe connecting from				
f	Providing and supplying 1 Coat primer and 2 coat silver				
10	Repairing and painting (rust removing, one coat primer and two coat silver paint) of existing benches in various green houses as follows Room 1 - 04 nos, Room 3- 9 nos, Room 4 - 08 nos, Room 5 - 13 nos, Room 10 - 19 nos, Room 6 - 01 no, Room 7 - 03 nos, Room 8 - 08 nos, Room 9 - 04 nos, Room 13 - 02 nos Room 15 - 01 No	72	Nos		

11	GI hollow square pipe- Providing and fixing of GI hollow square pipe painting complete as required. Size - (50 mm x 50mm x 5mm) for if any extra/replacement of defective greenhouse side GI structure.	80	RMT		
12	Providing and fixing of green shade net as per existing structure(some modification and extra supporting/painting required) in the Arabidopsis room complete as required.	01	Job		
13	Brick work -Providing and laying first class in brick face work in superstructure thickness 9 inch in 12mm thick cement sand mortar (1:4 including cost of soaking of bricks in water, provision for recesses, openings, toothing's curing filling and raking out joints wherever required, all complete in Net House No.1.	06	Cum		
14	Plaster -Providing and laying on brickwork wall 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 15 mm nominal size) including 15 mm thick cement plastering in prop. 1:3 finished with a floating coat of cement slurry/ cement punning as directed over well rammed and consolidated and grouted with fine sand, including necessary levelling & dressing, curing etc. all complete. Inside and outside in Net House No.1.	60	Sqm		
15	Removing of old cladding material and providing and fixing of new 304 grade stainless steel (40 x40) mesh fixing along with supporting aluminium channels, existing GI structure painting, and SS screws complete as required in Net House No.1.	230	Sqm tr		
16	Supply, installation, testing and commissioning of Pro 600 Watt HPS lamp through Ceiling suspended with the help of necessary fitting & accessories complete as required. Green house no 05 -1, Green house no 08 - 05 nos, Green house no 09 - 02 nos and Greenhouse no 15 - 03 nos.	11	Nos		
17	Supply, installation, testing and commissioning of commercial heat convector 2.5 KW with the help of necessary fitting including wiring from control panel to Greenhouse no. 09 complete as required.	01	No		
18	<b>NET HOUSE NO - 03</b>				

a	<b>Brick work</b> -. Providing and laying first class in brick face work in superstructure thickness 9 inch in 12mm thick cement sand mortar (1:4) including cost of soaking of bricks in water, provision for recesses, openings, toothing's curing filling and raking out joints wherever required, all complete.	02	CUM		
b	<b>Pathway Plaster</b> -Providing and laying on brickwork wall 1:3 (1cement: 3 coarse sand) including 15 mm thick cement plastering in prop. 1:3 finished with a floating coat of cement slurry/ cement punning as directed over well rammed and consolidated and grouted with fine sand, including necessary levelling & dressing, curing etc. all complete. Inside and outside both	110	SQM		
c	<b>Painting G.I Structure</b> - Painting new G.I. pipes with three coats consisting of one coat of zinc chromate primer and two coats of 1st quality synthetic enamel paint of approved make and color incl. cleaning the pipes, cost of all materials and brush etc. complete. SIZE OF NET HOUSE- (52X52 FT)	01	JOB		
	<b>TOTAL</b>				
	<b>GST</b>				
	<b>GRAND TOTAL</b>				

MAKES;

Exhaust fan ; Havells, Crompton

GI exhaust fan louver ; JINDAL,TATA

Nylon mesh ; TUFLEX

Celdek cooling pad 100 mm ; MUNTERS

Water tank ; Sintex , Astral

Water pump ; Havells , Crompton

CPVC pipe, fittings and valves; Astral , Finolex

RO system	;	Kent
GI Squire pipe	;	JINDAL,TATA
Electrical cable, MCB	;	Havells, FInolex
power point	;	Anchor, Havells
Paint	;	Asian, Bergger
HPS Pro 600 W par light	;	Gavita
Cement	;	Ultratech, Ambuja

**Note: -**

1. Abnormally low and high bid will not be entertained.
2. GST should be mentioned separately.
3. Before quoting the rates, the Contractors should inspect the works at campus of ICGEB.
4. Fill the price bid in Excel format.

Authorised Signatory  
Name & Address of the firm with seal