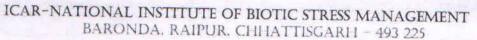


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NOTICE INVITING TENDER FOR RENOVATION OF WHITEFLY REARING FACILITY AT ICARNIBSM, RAIPUR.

 On behalf of Secretary, ICAR, the Director, ICAR-NIBSM, Raipur intend to invite Tenders <u>under two bid</u> system (Technical & Financial bids separately)

Works Description	Bid Security (Rs.		
Renovation of whitefly rearing facility	27000/-		

Tender for above work can be downloaded free of cost from the website www.nibsm.res.in
 The tender schedule is as under:-

Date and Time of bid submission	18-01-2019 at 13.00 hrs
Date and Time of bid opening	18-01-2019 at 15.00 hrs
Address for communication	The Director, ICAR-National Institute of Biotic Stress Management, Baronda, Raipur- 493225

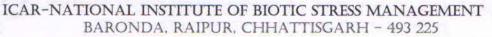
Original D.D./Pay Order of Non-Refundable Tender Fee (Rs.1000/- for bid) and Bid Security as per detail above, must be deposited in the form of Demand Draft/Pay Order (not Cheque) payable to "ICAR Unit, NIBSM, Raipur". The particulars of the Tender Fee and Earnest Money Deposited must also be superscribed on the top of the envelope for the purpose.

 The eligible Bidder(s) who are registered with NSIC and is having valid NSIC Certificate for exemption of Tender Fee and EMD (Bid Security) for the work shall be exempted to pay Tender Fee and EMD (Bid Security)

- The bidders may submit duly filled and completed bidding document as per instructions contained in the bidding documents. Incomplete bid shall be rejected. The conditions of tender shall be governed by the details contained in complete bid document.
- In case, holiday is declared by the Government on the day of opening the bids, the bids will be opened on the next working day at the same time. The ICAR-NIBSM, Raipur reserves the right to accept or reject any or all the tenders.
- 7. The detailed instruction for submissions of bid(s) may be available in institute web site www.nibsm.res.in and CPP Portal, https://eprocure.gov.in/cppp/

Senior Administrative Officer







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INVITATION TO TENDER UNDER TWO BID SYSTEM (TECHNICAL AND FINANCIAL BID SEPARATELY) AND INSTRUCTION CONTAINING TERMS AND CONDITIONS GOVERNING THE WORK FOR " RENOVATION OF WHITEFLY REARING FACILITY AT ICAR-NIBSM, RAIPUR ".

THE TECHNICAL BID SHALL BE OPENED ON 18.01.2019 at 15.00 hrs THE FINANCIAL BID SHALL BE NOTIFIED LATER

1.	Name & address of the Proprietor	·
2,	Name & address of firm/agency/company	f
3.	Telephone No. : Off Res	s Mobile No
4.	Particulars of firm/agency/company	1
	(Partnership Deed/ Constitution in case of S	Society)
5.	Income Tax P.A.N. Number	£ 1
6.	Service Tax Number (Allotted by CED)	
7.	E.P.F. Registration Number	1
8.	E.S.I. Registration Number	
9.	Labour License Number	
10.	Name of Office where firm is registered	:
11.	Name of Banker :	Account No
12.	Last Date and time of submission of tender	form : 18.01.2019 up to 13.00 hrs
13.	Date and time for Opening of Technical Bid	d : 18.01.2019 at 15.00 hrs
14.	Date and time for Opening of Financial Bid	: Shall be notified later
15.	Cost of Tender Form/Documents : Rs.100	00/- D.D./P.O. No Date
16.	Earnest Money Deposit : Rs.270	000/- D.D./P.O. No Date
		(In favour of ICAR Unit, NIBSM, Raipur)
17.	Performance Guarantee	: @ 5% of Total quoted amount.
18.	Security Deposit	: @ 5% of Total quoted amount.
19.		requisite supporting documents as mentioned in the bid
	document should be attached.	ACCOUNT AND THE PARTY OF THE PA
20.	Visit us at our website: www.nibsm.res.in	

Sign. of Tenderer



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ICAR-NATIONAL INSTITUTE OF BIOTIC STRESS MANAGEMENT BARONDA, RAIPUR, CHHATTISGARH - 493 225



ao.nibsm.cg@gov.in, Fax No.: 0771-2225351, Telephone No.- 0771-2225333

Dated: 28-12-2018

INVITATION TO TENDER UNDER TWO BID SYSTEM (TECHNICAL AND FINANCIAL BID SEPARATELY) AND INSTRUCTION CONTAINING TERMS AND CONDITIONS GOVERNING THE WORK FOR "RENOVATION OF WHITEFLY REARING FACILITY AT ICAR-NIBSM, RAIPUR".

	The Director,
	ICAR-National Institute of Biotic Stress Management
	Baronda,
	Raipur- 493225
	Chhattisgarh
To,	

Tenders are hereby invited on behalf of the Director, ICAR-National Institute of Biotic Stress Management, Raipur. The Terms and conditions of the contract which will govern any contract made are those for "RENOVATION OF WHITEFLY REARING FACILITY AT ICAR-NIBSM, RAIPUR" contained in the General conditions of contract applicable to the contracts and the special terms and conditions are detailed in the Tenders forms and its schedules. Please submit your rates in the Tender form if you are in a position to furnish the requisite services in accordance with the requirements stated in the attached schedules [Annexure Ia & Ib].

Tender ID	Shall be notified on the website of Institute www.nibsm.res.in
Date and Time of bid submission	18-01-2019 at 13.00 hrs
Date and Time of bid opening	18-01-2019 at 15.00 hrs
Address for communication	The Director, ICAR-National Institute of Biotic Stress Management, Baronda, Raipur- 493225

- The Bidder(s) may note that all the requisite supporting documents as mentioned in the bid document alongwith duly signed bid document (Technical & Financial part of bid separately)
- Original D.D./Pay Order of Non-Refundable Tender Fee (Rs.1000/- for bid) and Bid Security as per detail above, must be deposited in the form of Demand Draft/Pay Order (not Cheque) payable to "ICAR Unit, NIBSM, Raipur", The particulars of the Tender Fee and Earnest Money Deposited must also be superscribed on the top of the envelope for the purpose. The eligible Bidder(s) who are registered with NSIC and is having valid NSIC Certificate for exemption of Tender Fee and EMD (Bid Security) for the work shall be exempted to pay Tender Fee and EMD (Bid Security) The detailed instruction for submissions of bid(s) may be available in institute web site www.nibsm.res.in and CPP Portal, https://eprocure.gov.in/cppp/

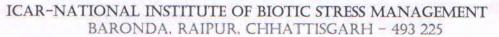




ICAR-NATIONAL INSTITUTE OF BIOTIC STRESS MANAGEMENT BARONDA, RAIPUR, CHHATTISGARH – 493 225

- 3. The Tenderer is being permitted to give Tenders in consideration of the stipulations on his part that after submitting his/her Tenders, he/she will not resile his/her offer or modify the terms and conditions thereof. If the Tenderer fail to observe and comply with the foregoing stipulation the Earnest Money will be forfeited by the Institute. In the event of offer made by the tenderer not being accepted, the amount of earnest money deposited by the tenderer will be refunded to him/her after he/she has applied for the same, in the manner prescribed by the Institute.
- All the schedule of the tender form should be submitted along with bids. Overwriting/erasing in rates to be quoted by the tenderer will not be allowed otherwise the Tenders may be rejected.
- 6. The tender is liable to be ignored if complete information and document as required is not given therein in the bids or if the particular asked for in the schedules to the tender is not fully filled in. Individual signing the tender or other documents connected with the contract may specify whether he signs it in the capacity of (i) a sole proprietor of the firm or constituted attorney of such sole proprietor, or (ii) a partner of the firm if it be partnership in which case he must have authority to refer to arbitration dispute concerning the business of the partnership whether by virtue of the partnership agreement or power of attorney or (iii) constituted attorney of the firm if it is a company.
- 7. In case of partnership firms, where no authority has been given to any partner to execute the contract/agreement concerning the business of the partnership, the Tenders and all other related documents must be signed by every partner of the firm. A person signing the Tenders form or any other documents forming part of the contract on behalf of another shall be deemed to warranty that he has authority to bind such other and if, on enquiry it appears that the persons so signing had no authority to do so, the Council/Institute shall without prejudice to other civil and criminal remedies cancel the contract and hold the signatory liable for all costs and damages. Each page of the Tenders and the schedules to the Tenders and annexure, if any, should be signed by the tenderer.
- In case, the tenderer does not accept the offer, after issue of letter of award by Institute within 10 days, the offer made shall be deemed to be withdrawn without any notice & earnest money forfeited.
- 9. The Tender would be evaluated based on the eligibility criteria given in the Bid form, documents & information furnished by Tenderer in response to the requirements given in the Technical bid of Tender
- If a firm quotes 'NIL' charges/consideration, his/her bid shall be treated as unresponsive and shall not be considered.
- The rates quoted by each firm in Tenders be given both in words and figures failing which the same is liable to be rejected.
- 12. The firm will not charge placement charges on any other account from the manpower deployed with the institute. The contract liable to be terminated, security deposited forfeited and the contractor/firm will be blacklisted if, at a later stage, reports are received that the contractor/contracting firm has charged the manpower on any contract.

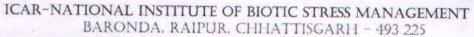






- 13. The Institute (ICAR-NIBSM) is not bound to accept the lowest or any other tenders and also reserve to itself the right of accepting the tenders in whole or in part. You are however at liberty to Tenders for the whole or any portion or to state in the Tenders that the rates quoted shall apply only if the Tenders are considered fully. Other conditional Tenders will not be accepted.
- 14. The tenders shall remain open for acceptance up to 90 days from the date of opening. The successful tenderer will have to complete the work within the specified period and no further extension of the time will be given unless justified by exceptional.
- 13. An amount equal to 5% of the contract value as a Performance Guarantee for the contract is to be deposited by the selected agency/successful Tenderer in the form of demand draft/banker's cheque/pay order/FDR in favour of "ICAR UNIT NIBSM, RAIPUR" only after receiving a communication from the Institute. In the event of non-deposition of the same the earnest money will be forfeited. The Performance Guarantee will be refunded only after successfully completion of contract, and satisfactory performance of the executed work.
- 14. An amount equal to 5% of the contract value as a Security Deposit for the contract is to be deposited by the selected agency/successful Tenderer in the form of demand draft/banker's cheque/pay order/FDR in favour of "ICAR UNIT NIBSM, RAIPUR" only after receiving a communication from the Institute. In the event of non-deposition of the same the earnest money and Performance Guarantee will be forfeited. The Security Deposit will be refunded only after completion of defaulted liability period of the work i.e. Six months after payment of bill.
- No interest on Performance Guarantee, Security Deposit and Earnest Money Deposit shall be paid
 by the Institute to the Tenderer.
- 16. The Service tax, Income Tax or any other tax applicable or made applicable after awarding the contract in respect of this contract shall be payable by contractor and NIBSM/ ICAR will not entertain any claim whatsoever in this respect. However the service taxes or any other tax which is as per the rules of the Govt. shall be deducted at source from bills of the successful Tenderer, as per rules/Instructions made applicable from time to time by Government.
- 17. Decision of Director, ICAR-NIBSM shall be final for any aspect of the contract and binding to all parties. Disputes arising, if any on the contract will be settled at his/her level by mutual consultation through Dispute Resolution Board and in case of failure of settlement dispute shall be referred to the sole arbitrator to be appointed by the Director, ICAR-NIBSM. The decision of the sole Arbitrator so appointed shall be final and binding on the parties. Arbitration proceedings shall be governed by the Arbitration & Constitution Act, 1996.
- 18. Acceptance by the Institute [NIBSM] will be communicated by the FAX/Speed Post/Express letter or any other form of communication. Formal letter of acceptance and work order of the Tenders will be forwarded as soon as possible, but the earlier instructions in the FAX/Speed Post/Express letter etc. should be acted upon immediately.
- 19. The Director, ICAR-NIBSM reserves the right to reject any or all Tenders in whole or in part without assigning any reasons therefore. The decision of Director of NIBSM shall be final and binding on the contract/agency in respect of any clause covered under the Contract.
- 20. All dispute will be subject to the Raipur jurisdiction.







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- The work will be awarded only on the satisfaction of the concerned Institute authority that the firm has the necessary facility/infrastructure to handle the work. The firm will allow for the inspection of necessary facility/infrastructure to the concerned authority, if the authority decides so. Successful Tenderer will have to enter into a detailed contract agreement with Director, ICAR-NIBSM, Raipur on non-judicial stamp paper of appropriate value for the contract.
- Price & delivery terms:
 - a) Items Rates as per attached schedule should be quoted on the basis of execution of work at ICAR-NIBSM, Raipur. No extra charges of any nature including the taxes and levies will be borne by the NIBSM.
 - b) The rates for the items required in accordance to the specifications mentioned in the schedule will only be considered otherwise the same will be rejected. Other term for the work etc. will be as detailed in the schedule of the Tender. The work will be accepted after proper inspection, verification and trial as to their quality, quantity and conformity to the prescribed specifications.
- Only those agencies/firms shall be considered for opening of financial bid(s), who shall qualify in the Technical Bid.
- The scanned copies of following documents/vouchers duly signed and stamped by the bidder are required to be submitted by the Bidder with his/her duly filled & completed Technical Bid (duly signed/stamped on each page) as required under the terms and conditions of this Bid document otherwise the Technical bid shall liable to be rejected.

1.	Scanned copy of Earnest money D.D./Pay Order for Rs 27000 /- and Tender fee for Rs.1000/- in favour of "ICAR UNIT", NIBSM, Raipur.
2.	Scanned copy of Valid registration certificate issued by National and small Industries Corporation (NSIC), if applicable.
3.	Scanned copy of Service Tax Registration certificate of the firm issued by appropriate authority.
4.	Scanned copy of PAN Number Certificate of the firm issued by appropriate authority.
5.	Scanned copy of Registration Certificate with CPWD/PWD/MES/BRO/Railway issued by appropriate authority (if available).
6.	Scanned copy of Income Tax clearance certificate issued by appropriate authority.
7.	Scanned copy of Sales Tax/VAT clearance certificate issued by appropriate authority.
8. "	Scanned copy of undertaking.
9.	Scanned copy of GST Registration of the firm issued by appropriate authority.

Yours faithfully,

white -

(Senior Administrative Officer)

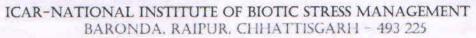
ICAR-National Institute of Biotic Stress Management,

Raipur.



Full Name & Address of the Tenderer in addition to Post Box No. if any, should

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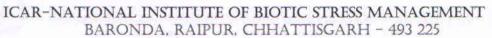
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TENDER FOR "RENOVATION OF WHITEFLY REARING FACILITY AT ICAR-NIBSM, RAIPUR ".

be quo	oted in all communications to this	
office		
	hone No./Mobile No.	\$
Addre	SS	
E-Mai	il address	
From		
	M/s	

To,		
	The Director,	
	ICAR-National Institute of Biotic	Stress Management
	Baronda,	
	Raipur-493225	
	Chhattisgarh	
such p	portion thereof as you may specify in	to provide the services as detailed in the schedule herein or to the acceptance of the Tender at the rates given in Schedules to fer open till 90 days. I/We shall be bound by a communication d time.
1. *	I/We have understood these tern services strictly in accordance with	is and conditions for the contract and shall provide the best in these requirements.
2.		d to and form a part of this Tender The
3.		ender bears my signature and the office seal.
4.		of Rs.1000/- drawn in favour of "ICAR-UNIT
	NIBSM, RAIPUR" and payable refundable) required.	e at, Raipur is enclosed as Tender documents fee (Non
5.	Demand draft/banker's cheque/p	ay order/FDR No of Rs.27000/- drawn in IBSM, Raipur and payable at, Raipur is enclosed as Earnest
	money required.	Yours faithfully,







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SCHEDULE - I

TECHNICAL BID SCHEDULE TO TENDERS

	SCHEDULE TO TENDERS	
1.	Name of the Firm/Agency	
2.	Full address with Post Box No. and telephone No., if any	
3.	Constitution of the Firm/Agency (Attached copy). Indian companies Act, 1956 i) Indian Partnership Act, 1932 (Please give names of partners) ii) Any other Act, if not the owners	2 -
4.	For Partnership firms whether registered under the Indian Partnership Act, 1932 please state further whether by the partnership agreement to arbitration has been conferred on the partner who has signed the Tender.	
i)	If answer to the above is in negative whether there is any general power of attorney executed by all the partners of the firm authorizing the partner who has signed the Tenders to refer disputes condemning business of the partnership arbitration.	
ii)	If answer to above is in point one and two the affirmative please furnish a copy of either the partnership agreement or the general power of attorney as the case may be. The copy should be attested by a Notary Public or its execution would be admitted by affidavit of a properly stamped paper by all partners.	
5.	Name and Full address of your Banker's	
6.	Your Permanent Income Tax No. (Attached scanned copy).	
7.	Registration with CPWD/PWD/MES/BRO/Railway (Attached scanned copy if available).	
8.	Details of Earnest Money Deposited, Give DD/FDR No. and date (Attached scanned copy)	Yes / NO
9.	Name and address of the Firm's representative and whether the firm would be representing at the time of opening of the Tenders	
10.	Name of the Permanent Representative to be visiting NIBSM, Raipur regarding the contract	
11.	Whether you have been declared "Blacklisted" OR banned for Business by any Department of Central/State Gove. Department/Public body. Reply Yes or No, as the case may be and attach scan copy of undertaking as per format given at Annexure-X/If Yes, then give details.	
12. •	Service Tax Registration No. of firm.	
13.	VAT Clearance Certificate (Attached scanned copy).	
14.	GST Registration of the firm issued by appropriate authority (Attached scanned copy).	
	Living a state that account a size of all the above documents/information	have been otto

I/We undertake that scanned copies of all the above documents/information have been attached with the Technical Bid. In case any document and/or information is not found in my/our bid or found incomplete or invalid, then the ICAR-NIBSM, Raipur is free to reject my/our bid for which the Bidder shall be wholly responsible.

Date	:
Place	



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NOTE: All the desired information in column 01 to 14 should be filled in/replied by the Bidder alongwith scanned copies of all the above information/documents duly signed and stamped must be accompanied with the bid, otherwise bid is liable to rejected.

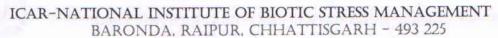
SCHEDULE-II

GENERAL INFORMATION & OTHER TERMS & CONDITIONS FOR "RENOVATION OF WHITEFLY REARING FACILITY AT ICAR-NIBSM, RAIPUR"

- The Firm/Agency should be registered in CPWD/PWD/MES/BRO/Railway department/any department (if available).
- 2. The work shall be executed as per CPWD/manufacturer specification.
- 3. The Firm/Contractor has to use the material for providing and fixing only of approved/reputed make. The decision of the Engineer/Incharge shall be final.
- 4. The material to be used shall be of reputed/approved mark and shall be supplied after verification of the sample from the Engineer/Incharge.
- 5. The work is of urgent nature and should be completed within specified period from the receipt of Work Order, failing to execute the work within stipulated time Liquidated Damage @ 1% (one percent) of the contract value per week of delay subject to a maximum deduction of 10% (ten percent) of the contract value will be imposed and further action will be taken as deemed fit.
- 6. Unless otherwise provided in the Schedule of quantities the rates quoted by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing extra shall be payable on this account.
- 7. The contractor shall make his own arrangements for obtaining electric connection, water supply etc. (if required) and make necessary payments directly to the department concerned.
- Other agencies doing works related to this project will also simultaneously execute the works 8. and the contractor shall provide necessary facilities for the same. The shall contractor cables, leave such, necessary holes, opening etc. for laying/burying in the work pipes, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for other agencies. Conduits for electrical wiring/cables will be laid in a way that they leave enough space for concreting and do not adversely effect the structural members. Nothing over the agreement rates shall be paid for the same.
- 9. Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on this account.
- 10. The work will be carried out in the manner complying in all respects with the requirements of relevant by laws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-Incharge and nothing extra will be paid on this account.
 - a. The work of water supply, internal sanitary installations and drainage work etc. shall be carried out as per local Municipal Corporation or such local body-Bye-Laws and the contractor shall produce necessary completion certificate from such authorities after completion of the work.
 - b. Water tanks, taps sanitary, water supply and drainage pipes, fittings and accessories should conform to Bye-Laws and specifications of the municipal body/corporation where CPWD specifications are not applicable. The contractor should engagement licensed plumbers for the work and set the materials (Fixture/fittings) tested by the Municipal body/Corporation authorities where ever required at his own cost.



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- c. The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges which may be liable.
- 11. The work should conform to the specification and quality of work/material, specified in the schedule and sample offered at the time of tender. Unsatisfactory work not in conformity to sample will be rejected and the rejected material will have to be lifted from the Institute within a period of seven days failing which this Institute will not be responsible for any loss on that account.
- 12. The contractor shall give a performance test of the entire installations(s) as per standing specifications before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test.
- 13. Firm should note that it is desired that their offer should remain open for acceptance for ninety days from the date of opening the tender. If the firms are unable to keep their offers open for the specified period they should specifically state in the Tender to remain open for acceptance for the period as specified in the Schedule to Tender.
- 14. In case the Tenderer wants to furnish in a separate covering letter any additional information/particulars of quoted conditions e.g. those relating to allowance, discount and rebate etc.) which cannot be accommodated in the Tender form by mean of a note. In the absence of such indication in the Tender the contents of the covering letter will be ignored in consideration of Tender.
- 15. Payment: The payment of the bill will be made after satisfactory execution of the work as per the provision of Audit Manual of the ICAR.
- 16. Income Tax, Sales Tax/Service Tax including surcharge as per government notification(s) shall be deducted from the payment due.
- 17. The contractor shall be discharge all his legal & statutory obligations in respect of the each workers/supervisor to be employed/deployed by him for the execution of the work in respect of their minimum wages, EPF and ESI and service conditions and shall also comply with all the rules and regulations and provisions of law in force that may be applicable to them from time to time. The contractor shall indemnify and keep indemnified the ICAR-NIBSM for any claims, loss or damages that may be caused to it on account of any failure to comply with the obligations under various laws. In case of any dispute, the decision of Director, ICAR-NIBSM, Raipur shall be final and binding on the contractor. Any statutory increase in Minimum Wages, EPF/ESI and taxes etc. during the term of the Contract and its consequential effects of EPF and ESI contributions and service tax shall be reimbursed to the contractor by ICAR-NIBSM, Raipur.
- 18. The contractor must employ adult labour only under the work. Employment of child labour would lead to the termination of the Contract beside legal action as per Law.
- 19. The contract is subject to the condition that the tenderer shall comply with all the laws and acts of Central Govt., State Govt. relating to this contract made applicable from time to time.
- 20. Risk Clause: ICAR-NIBSM reserves the right to discontinue the work at any time, if the execution of work is found unsatisfactory by giving a show-cause to be replied within a period of two days and also has the right to award the contract to any other agency at the risk and cost of current agency and the excess expenditure incurred on account of this can be recovered from Performance Guarantee/Security Deposit or pending bills of the Agency or by raising a separate claim.
- In case of any Loss or Damage etc. occurred to the movable or immovable property(ies) of the Institute due to any act or negligence of the Worker(s) deployed by the Firm/Agency/Contractor



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ICAR-NATIONAL INSTITUTE OF BIOTIC STRESS MANAGEMENT BARONDA, RAIPUR, CHHATTISGARH - 493 225

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for execution of work as per annexure-1, the said Loss/Damage etc. shall be recovered from the Firm/Agency/Contractor either from bill or Security Deposit.

The contractor/selected agency has to execute the Agreement on Non-Judicial Stamp Paper of 22. appropriate value.

The contractor has to attach the duly signed and stamped supporting documents with proper 23. referencing as per the check list (Annexure-"Y"). No extra documents need to be attached with

All documents to be furnished/ attached with their Bid form by the Bidder must have to be signed 24. and stamped by the bidder.

Any legal dispute arising out of this contract shall be within the Jurisdiction of Raipur Court(s). 25.

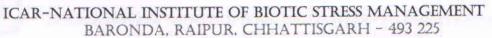
The firms having experience in construction of insectary/ whitefly/ sucking pest rearing houses or similar kind of works is desirable (if available provide list of users in last 5 years). 26.

Director, NIBSM, reserves the right to reject any or all the tender without assigning any reason 27. thereof.

SIGNATURE OF TENDERER WITH SEAL/DATE



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Annexure-Ia

Technical Specifications for renovation of whitefly rearing facility

Available size of Room - 31' x 25' (L x W)

The available room will further bifurcated into different zone as below :-

Insectary area - 16' x 17' (Further divided in 4 Section)

Plant Growth Area - 7' x 17'

Inoculation Area - 8' x 9'

Media Preparation Area - 8' x 8'

Vestibule & Corridor - 8' x 31'

The construction and fabrication of Conversion of Normal Room into whitefly rearing facility comprises of following details:-

TEMPERATURE RANGE inside the Insectary, Plant Growth Room and Inoculation Area: 22 °C to 28 °C Insulation of walls and ceiling for the Insectary, Plant Growth Room and Inoculation Area with puff insulated self supported 40 mm thick Grade 42Kg/m³ Pre fabricated Pre Coated GI panels fitted through Tong and grooved and Cam Lock Joints for better insulation (Approx. 1760 Sq.ft.).

Aluminium Partition within the Insectary using 60 mesh size Nylon net duly fixed on powder coated aluminium sections and sealed sliding doors (4 sections :- 3' x 17', 8'6" x 5, 8'6" x 5' and 8' x 17')

Floor insulation: - (Total Area 775 Sq.ft.)

Technical Data Thickness - 2mm Size - 300mm x 300mm Durability - Excellent Composition - Vinyl composition Flammability - Does not support combustion Resistance to oil and chemical Petrol - No effect Alcohol - No effect 2% Alkali - No effect 5% HCL - Slight effect Cooking oil - No effect Flammability test as per UL 94: Passes Sound Reduction factor: 5 decibels.

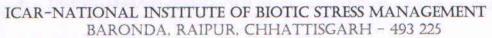
Anodised Aluminium Partitioned Door (Size: 1.92m x 0.91m) 4 Nos. Complete with necessary hardware.

Cooling System

For Insectary, Plant Growth Room and Inoculation Area. (Temperature Range: 22°C to 28°C) Hermetic compressors (400V/3Ph./50Hz) with BBPL make air cooled condensing unit complete with Accumulator, LP/HP, Suction/Discharge valve, first charge of CFC free refrigerant. Temperature Range 22°C to 28°C + 1°C Cooling capacity 18300 Btu / Hr. (6 Nos.) 3 Nos. for Insectary, 2 Nos. for Plant Tissue Culture Growth area, 1 for Inoculation Room.Area.



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Heating System -

Heavy duty Paralytic Technique Which is ideal for heating in biotech work. Inbuilt auto thermal cut off device, Biotech grade 2.5 KW. It has ISI standard make heating element and ISI standard 900 rpm speed fan they prevent SO2 injury to plants as caused by other make of heater due to improper combustion of fuel gases as a common phenomenon seen in green house. Input 200-240 VAC, 50 HZ, single phase. Ambient 5°C to 50°C, RH upto 90%.

Size:- 419 x 305 x 305 with through MS black powder coated body No. of Heaters: 2Nos

Programmable air Exchanger unit

Supply and Installation of BL 4-P Std. Programmable air Exchanger units fitted with High Efficiency Particulate Air filter (HEPA filters having efficiency of 99.99% down to 0.2 to 0.3 micron particle size, increased compactness, reduced resistance to flow, and gently enhanced dust holding capacity) operated through a programmable timer depending on the number of air changes required inside the Growth room

MS Table with Granite Top { 8' x 2'6" x 2'6", 14'6" x 2'6" x 2'6" and 4' x 2'6" x 2'6" (3 Nos.)} inside the insectary

Stainless Steel Sink (Dual Bowl) with granite Table for washing area

Anodised Aluminium Partition with 12mm Novapan and Float Glass 6mm thick With Double Door arrangements having standard locking systems, door closures and door sealing arrangements. Total Area Approximate 96 Sq.ft.

Air Curtain with automatic operations: for door opening and closing at the corridor entrance and Inoculation area. (Qty. 2 Nos.)

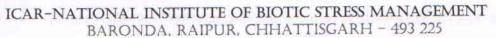
Insect Cages made up of Aluminium / Wooden section having 60 mesh size Nylon net sealed with openable door arrangements (Size: 2' x 2' x 3') (Qty. -8 Nos.)

Supply, Installation, Testing and Commissioning of Insectary & Plant Tissue Culture Laboratory partitioning comprise of complete electrification work, along with suitable bulb and lighting for plant growth (~10Klux), with automatic control which coincides with sun light including individual Miniature circuit breakers, FR grade multistrand copper wiring of desired load, windows for natural sun light in the existing wall etc.

The firms having experience in construction of insectary / whitefly/ sucking pest rearing houses or similar kind of works are desirable (if available).



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Annexure-Ib

FINANCIAL BID (The financial bid to be furnished (Cover-2))

The tender will remain open for acceptance up to 90 days from the date of opening of Bid.

To

The Director, ICAR-National Institute of Biotic Stress Management, Baronda, Raipur-493225 Chhattisgarh

Name of Work: "RENOVATION OF WHITEFLY REARING FACILITY AT ICAR-NIBSM, RAIPUR".

S.No.	Work details	Qty.	Unit	Rate	Total
	Available size of Room - 31' x 25' (Lx W) The available room will further bifurcated into different zone as below:-				
	Insectary area - 16' x 17' (Further divided in 4 Section)				
	Plant Growth Area - 7' x 17' Inoculation Area - 8' x 9'				
	Media Preparation Area - 8' x 8' Vestibule & Corridor - 8' x 31'		-		
7	The construction and fabrication of Conversion of Normal Room into whitefly rearing facility comprises of following details:				
1 **	TEMPERATURE RANGE inside the Insectary, Plant Growth Room and Inoculation Area: 22 °C to 28 °C Insulation of walls and ceiling for the Insectary, Plant Growth Room and Inoculation Area with puff insulated self supported 40 mm thick Grade 42Kg/m³ Pre fabricated Pre Coated GI panels fitted through Tong and grooved and Cam Lock Joints for better insulation (Approx.				

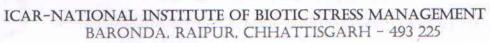




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2	Aluminium Partition within the Insectary using 60 mesh size Nylon net duly fixed on powder coated aluminium sections and sealed sliding doors (4 sections: - 3' x 17', 8'6" x 5, 8'6" x 5'			
	and 8' x 17')			
3	Floor insulation: - (Total Area 775 Sq.ft.) Technical Data Thickness - 2mm Size - 300mm x 300mm Durability - Excellent Composition - Vinyl composition Flammability - Does not support combustion Resistance to oil and		 	
	chemical Petrol - No effect Alcohol - No effect 2% Alkali - No effect 5% HCL - Slight effect Cooking oil - No effect Flammability test as per UL 94: Passes Sound Reduction factor: 5			
	decibels.			
	(Total Area 775 Sq.ft.)			
4	Cooling System			
-	For Insectary, Plant Growth Room and	50		
	Inoculation Area. (Temperature Range: 22°C to	6		
	28°C) Hermetic compressors (400V/3Ph./50Hz)			
	with BBPL make air cooled condensing unit complete with Accumulator, LP/HP,			
	Suction/Discharge valve, first charge of CFC free			
	refrigerant. Temperature Range 22°C to 28°C +			
	1°C Cooling capacity 18300 Btu / Hr. (6 Nos.) 3			
	Nos. for Insectary, 2 Nos. for Plant Tissue			
	Culture Growth area, 1 for Inoculation			
	Room.Area			
_				
5	Heating System –			
	Heavy duty Paralytic Technique Which is ideal			
	for heating in biotech work. Inbuilt auto thermal			
	cut off device, Biotech grade 2.5 KW. It has ISI			
	standard make heating element and ISI standard			
	900 rpm speed fan they prevent SO2 injury to			
	plants as caused by other make of heater due to			
	improper combustion of fuel gases as a common			
	phenomenon seen in green house. Input 200-240 VAC, 50 HZ, single phase. Ambient 5°C to 50°C, RH upto 90%.			1
	Size: 419 x 305 x 305 with through MS black			
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6	Programmable air Exchanger unit			
	Supply and Installation of BL 4-P Std.			
	Programmable air Exchanger units fitted with			
	High Efficiency Particulate Air filter (HEPA			
	filters having efficiency of 99.99% down to 0.2 to			
	0.3 micron particle size, increased compactness,			
	reduced resistance to flow, and gently enhanced			
	dust holding capacity) operated through a			
	programmable timer depending on the number of			
000	air changes required inside the Growth room			
7	MS Table with Granite Top { 8' x 2'6" x 2'6",			
350	14'6" x 2'6" x 2'6" and 4' x 2'6" x 2'6" (3 Nos.			
)} inside the insectary			
8	Stainless Steel Sink (Dual Bowl) with granite		2	
•	Table for washing area			
9	Anodised Aluminium Partition with 12mm			
	Novapan and Float Glass 6mm thick With			
	Double Door arrangements having standard	9		
	locking systems, door closures and door sealing			
	arrangements. Total Area Approximate 96 Sq.ft.			
10	Air Curtain with automatic operations: for			
	door opening and closing at the corridor entrance			
	and Inoculation area. (Qty. 2 Nos.)			
	@Rs.12,000.00			
11	Insect Cages made up of Aluminium / Wooden			
	section having 60 mesh size Nylon net sealed			
	with openable door arrangements (Size: 2' x 2'			
	x 3') (Qty8 Nos.)			
	Supply, Installation, Testing and			
	Commissioning of Insectary & Plant Tissue			
4	Culture Laboratory partitioning comprise of			
10	complete electrification work, along with suitable			
	bulb and lighting for plant growth (~10Klux),			
	with automatic control which coincides with sun			
	light including individual Miniature circuit			
	breakers, FR grade multistrand copper wiring of			
	desired load, windows for natural sun light in the			
	existing wall etc.			
	Total=			

(Rupees in words.....

Note: The firms having experience in construction of insectary / whitefly/ sucking pest rearing houses or similar kind of works are desirable (if available).



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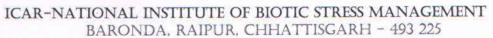
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I/We agree to forfeit of the earnest money if I/We fail to comply with any of the terms and conditions in whole or in part laid down in the Tender form.
We have carefully read the terms and conditions of the Tender and are agreed to abide by these in letter and sprit.
Signature
Name & Address of the Firm
Telephone/Mobile No
Annexure-"X"
(To be attested by Central Notary on a Non-Judicial Stamp Paper worth Rs.100.00)
UNDERTAKING
I/We have read and understood ICAR-NIBSM, Raipur's General Terms and Conditions contained in the application form. I/We do hereby declare that all the details provided in this tender/application form are true to the best of my/our knowledge and belief and any mis-representation of facts will render me/us liable to any action as may be deemed fit by ICAR-NATIONAL INSTITUTE OF BIOTIC STRESS MANAGEMENT, RAIPUR.
I/We do hereby also accept ICAR-NIBSM, Raipur have the right to accept or reject this application and not to issue invitation to Tender to me/us.
I/We undertake to communicate promptly to ICAR-NIBSM, Raipur any changes the condition or working of the firm.
It is certified that we have not been blacklisted by any organization of Government of India including Central Vigilance Commission (CVC) in the last three years. The undersigned is fully authorized to sign and submit this application form on behalf of the organization , he/she represent, we authorize ICAR-NIBSM, Raipur to approach individuals, employees, firms and corporations to verify our competence and general reputation.
Signature: Name: Designation: Address:
Addivss
Mohile:

Place:..... Date:....



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Annexure-"Y"

Check list of duly signed and stamped documents to be submitted by the Tenderer with Technical Bid

S.No.	Documents required & submitted	Yes/No	Page No.
1.	Scanned copy of Demand Draft/Pay Order of Earnest money for Rs 27000/- and Tender fee of Rs.1000/		
2.	Scanned copy of Registration Certificate with CPWD/PWD/MES/BRO/Railway issued by appropriate authority (if available).		
3.	Scanned copy of Valid registration certificate issued by National and small Industries Corporation (NSIC), if applicable.		
4.	Scanned copy of Service Tax Registration certificate of the firm issued by appropriate authority.		
5.	Scanned copy of PAN Number Certificate of the firm issued by appropriate authority.		
6.	Scanned copy of Income Tax clearance certificate issued by appropriate authority.	2	
7.	Scanned copy of Sales Tax/VAT clearance certificate issued by appropriate authority.		
8.	Scanned copies of Latest ESI/EPF Challan for ascertaining the Number of Labour has to be attached, if applicable.		
9.	Scanned copy of valid Latest Bank Solvency Certificate for Rs lakhs to be attached. The Bank solvency certificate should not be more than six month old, if applicable.		
10.	Scanned copy of undertaking of undertaking duly attested by Notary on a non-judicial stamp paper of value of Rs.100.00 (Rupees One hundred only) regarding their non-blacklisting by any of the Govt. Department, Public Sector, Undertakings and/or by Central Vigilance Commission during the last three years. (As per Annexure-X/page No.16.)		
11.	Scanned copy of GST Registration of the firm issued by appropriate		

I/we undertake that scanned copies of all the above documents/information have been attached with the Technical Bid. In case any document/information is not found in my/our bid OR found incomplete or invalid, then the ICAR-NIBSM, Raipur is free to reject my/our bid which for the Bidder shall be wholly responsible.

Authorized Signatory