

NATIONAL INSTITUTE OF PLANT GENOME RESEARCH
(Department of Biotechnology, Ministry of Science and Technology, Govt. of India)
Aruna Asaf Ali Marg, New Delhi-110067
Phone: 011-26735161

फ़ाइल संख्या: एन.आई.पी.जी.आर./इंजीनियरिंग/5/2/2022-23/

Dated: 13.06.2022

NOTICE INVITING TENDERS

Sealed item rate tenders are invited in two bid systems on behalf of the Director, NIPGR, New Delhi, from approved & eligible contractors in respect of the following work, so as to reach his office on or before 04.07.2022 up to 3.00 P.M. The tender shall be opened on the same day at 3.30 P.M. in presence of the Tender Opening Committee.

SCHEDULE OF QUANTITY

Name of Work: Robotic cleaning of A.C. ducts for Lab 008 at NIPGR Campus, New Delhi.

Sl. No.	Description	Qty.	UNIT	Rate (in Rs.)	Amount (in Rs.)
1.	Cleaning of Lab Air-conditioning system/duct internally with skilled personnel with specialized latest robotic technology equipment and vacuum machines. A Robotic camera to be used for inspection and for cleaning, grills and duct openings to be used for cleaning, checking the sealing of the same after cleaning to avoid air leakage. A copy of video footage in DVD/CD drive before and after cleaning of ducts will be provided.			NOT TO BE FILLED	
	Area of Lab (1900 sqft.)	1900	Sq.ft.		
		Total Amount			

Encl.: 1. Terms & conditions.
2. Price Bid

(Rajinder Raina)
Purchase cum Stores Officer

M/s _____

Seal & Signature of Contractor

TERMS & CONDITIONS

Name of Work: - Robotic cleaning of A.C. ducts for Lab 008 at NIPGR Campus, New Delhi

1. The site of the work is at NIPGR Campus, Aruna Asaf Ali Marg, New Delhi-110067.
2. The bidder must visit the site before quoting the rates and make him acquainted with the location of site. The Institute shall entertain no extra claim later on.
3. The rates are inclusive of Transportation/travelling, lodging/boarding, loading, unloading & handling and nothing extra will be paid.
4. The rates shall be inclusive of GST & other taxes and nothing extra will be paid, **however rate and amount of GST charged should be shown separately in Financial Bid.**
5. The agency must get the prior approval of the material from the Institute.
6. The agency shall have to arrange his own tools & plants including skilled & non-skilled manpower, testing apparatus etc. required for execution of work and nothing extra will be paid.
7. The payment shall be made after completion of work after deductions of taxes at source as per Rules; no advance payments will be made.
8. The work must be completed within 10 days after the date of issue of work order. In case the work is not completed within stipulated period, a compensation @ 1% of the work order amount per day beyond the stipulated date of completion, subject to maximum of 10% of the work order amount shall be levied.
9. Installation of the all the items will be done in the presence of Engineer-in-Charge or his authorized representative.
10. All papers attached with this tender should be signed by tenderer & verified with original. The tender shall be submitted in prescribed format issued by the department.
11. All safety precautions shall be taken so as to avoid any accident or inconvenience to the members of the staff.
12. All works shall be guaranteed for 12 months or for the period of standard guarantee & handover to the department. Against unsatisfactory performance and/or breakdown the equipment or component or any other part of the installation so found defective in guarantee period shall be repaired by the contractor free of cost to the satisfaction of Engineer-in-Charge.
13. Any alteration / modification / Civil works shall be done free of cost by the contractor eg. Cutting & re-fixing of glass, breaking & repairing of wall in good manner etc.
14. Breaking of walls during the execution of work shall be made good as existing and nothing extra shall be paid.
15. In case the site clearance and damages are not attended, a recovery as per actual cost shall be made.
16. The tenderer must submit all the technical data, where the agency has carried out work by them along with copies of handing over documents along with technical bid. If, the same is not submitted, their tender shall not be considered and the financial bid shall be opened only for those bidders whose complete details of work along with test reports & completion certificates are approved by the Institute.
17. The Institute also reserved the right to reduce / increase the scope of work.
18. The water & electricity supply shall be given free of cost at one point in the Institute.
19. The firm's office establishment should be based in NCR/Delhi.
20. Agency shall inform to the Institute in advance for taking over the site to start the work.

21. The below standard work shall be redone and nothing extra will be paid.
22. Bidder will support all the claims by product catalogue, public website of the manufacturer.
23. In case of any part taken out during the work, the same shall be handed over to the Institute.
24. The above work shall be executed by the trained manpower under the supervision of agency's engineer.
25. The Institute reserves the right to reject/accept any or all tender without assigning any reason.
26. The Institute also reserves the right to reduce/ increase the scope of work/item of work or delete a particular item.
27. In case of any dispute, the decision of the Institute shall be final & binding on the agency.
28. Any damage to the existing installations during the execution of work will be the responsibility of the agency and will be made good to the satisfaction of the Institute and nothing extra will be paid. In case the site clearance and damages are not attended, a recovery shall be made as per CPWD rules.
29. Any kind of accident / electrocution caused due to negligence or during the course of normal work etc. shall be responsibility of the agency and nothing extra will be paid.
30. All safety precautions shall be taken so as to avoid any accident or inconvenience to the members of staff. The agency shall coordinate the work with the Institute's timing schedule.
31. A copy of the GST & PAN No. issued by the concerned authority must be enclosed with the tender.
32. The scope of work shall include:
 - Cleaning of AC ducts with robotic camera and vacuum technology.
 - Dismantling of AC grill and diffusers, cleaning of AC grill and diffusers with proper chemicals and again refixing of the grills.
 - Close the AC vents if any leakage to avoid fungal growth.
 - Cleaning of gypsum false ceiling with vacuum pump/vacuum technology to have suction of all fungus in the ceiling and around the edges of AC grills.
 - Cover all the equipment's installed in the lab with polythene to avoid any contamination.
 - Dismantling & remarking of false ceiling trap, repairing, and painting & touchup of any type of paint work at grilles/diffuser corner.
 - Upon completion provide a cleaning certificate along with video recording of all the area cleaned before & after.
 - After completion of work full detailed report of the work done along with complete details of each lab.
33. The Tender must be accompanied with E.M.D. amounting to Rs. 1,080.00 (Rs. One thousand eighty only) by way of Demand Draft or Bank Guarantee in favour of "DIRECTOR, NIPGR", New Delhi. The EMD will however be released after completion of work.
34. Tender not accompanied with E.M.D. will not be considered.
35. In case, the agency fails to comply with terms & conditions the E.M.D. of the agency shall be forfeited.

Purchase cum Stores Officer

Seal & Signature of Contractor

33. The Tender must be accompanied with E.M.D. amounting to Rs. 1,080.00 (Rs. One thousand eighty only) by way of Demand Draft or Bank Guarantee in favour of "DIRECTOR, NIPGR", New Delhi. The EMD will however be released after completion of work.

GENERAL CONDITIONS OF CONTRACT AGREEMENT

1. PERFORMANCE SECURITY

The bidder / bidders whose tender may be accepted (herein after called the contractor) shall permit NIPGR at the time of making any payment to him for works done under the contract to deduct such sum as will amount to 3% of all moneys so payable to be held by the Institute, by way of performance security.

2. COMPENSATION CLAUSE

The time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor, and shall be reckoned from the 10th day of the date on which the order to commence the work is given to the contractor, and within ten days of award of work the contractor. The work on the contract shall be executed according to the approved drawings as aforesaid and shall throughout the stipulated period of the contract be proceeded with all due diligence (time being deemed to be the essence of the contract on the part of the contractor) and the contractor shall pay as compensation an amount equal to one percent per week of work order amount or on the value of work as per contract, . Provided always that the entire amount of compensation to be paid under the provisions of this clause shall not exceed ten percent of the awarded cost of work as shown in the tender. The Director, NIPGR on a representation from the Agency, is however; empowered to reduce the amount of compensation and his decision in writing shall be final.

3. TIME EXTENSION

If the contractor shall desire an extension of the time limit for completion of the work on the grounds of his having been unavoidably hindered in its execution or on any other ground he shall apply in writing to the NIPGR, within 15 days of the date of the hindrance on account of which he desires such extensions as aforesaid but before the expiry of time limit and the NIPGR, if in his opinion(which shall be final)reasonable grounds as shown thereof, authorized such extension of time if any, as may, in his opinion be necessary or proper.

4. COMPLETION OF WORK

Without prejudice to the rights of NIPGR under any clause hereinafter contained on completion of the work, the contractor shall be furnished with a certificate by NIPGR or his representative of such completion, but no such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed from the premises on which the work has been executed, all scaffolding ,surplus materials and rubbish, and cleaning off the dirt from all doors, walls, floors, or any other parts of buildings said to have been completed, and the measurements in the said certificate shall be binding and conclusive against the contractor, if the contractor shall fail to comply with the requirements of this clause as to the removal of scaffolding, surplus materials, and rubbish and cleaning off dirt on or before the date fixed for the completion of the work, NIPGR, may at the expense of the contractor have removed such scaffolding ,surplus materials and rubbish and dispose of the same as he thinks fit and clean off such dirt as aforesaid and the contractor shall forth with pay the amount of all expenses so incurred, and shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any such sale proceeds actually realized by the sale thereof.

5. ADDITIONS/ALTERATIONS/ DEVIATIONS

The NIPGR, shall have power to make any alterations or omissions or additions or substitutions in the original specifications ,drawings ,designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and the contractor shall be bound to carry out the work in accordance with any instructions which may be given to him in writing signed by the NIPGR and such alterations, additions or substitutions shall not invalidate the contract and any altered, additional or substituted work which the contractor may be directed to carry out in the manner above specified as part of the work shall be carried out by the contractor on same conditions in all respects on which he agreed to do the main work. The time for the completion of the work shall be extended in the proportion that the altered additional or substituted work has to the main work at the sole discretion of the Director, NIPGR, and his decision in this regard shall be final and binding on the contractor.

All tenderers are required to quote as per specifications stipulated hereunder. Rates for all items shall be quoted as specified hereunder. After the award of the contract, the work shall be carried out as per

proved samples. Rates for extra/substituted items, should they become necessary during the execution of the work shall be settled on analysis of rate to be submitted by the contractor for such items.

Quantities in the B.O.Q. or estimated quantities which can vary up to $\pm 50\%$ during the execution of the work. Payment shall be made as per actual quantum executed without any change in the contracted rate due to variation in quantity, if any.

6. CARRYING OUT OF WORK

All the work shall be carried out in accordance strictly as per the specifications given in the tender to the total satisfaction of the Institute. In the case of an item for which specification are not available in the said specifications relevant CPWD / BIS specifications applicable as on the date of tenders shall be followed.

7. QUALITY CONTROL OF MATERIAL

If it shall appear to the authorized representative of the Institute, that any work has been executed with unsound, imperfect, or unskillful workmanship or with materials or articles provided by him for the execution of the work are unsound, or of a quality inferior to that contracted for or otherwise not in accordance with contract, the contractor shall on demand in writing from the authorized representative of the Institute specifying the work materials or articles complained of not with standing that the same may have been inadvertently passed, certified and paid for forthwith rectify, or remove & reconstruct the work so specified in whole or in part, as the case may require, or as the case may remove the materials or articles so specified and provide other proper and suitable material or articles at his own charge and cost and in the event of his failing to do so within a period to be specified by authorized representative of the Institute, in his demand as aforesaid then the contractor shall be liable to pay compensation at the rate of 1% on the contract agreement of work for everyday till rectify or remove, and re-execute the work or replace with other, materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

8. INSPECTION OF WORK

All work under or in course of execution or executed in pursuance of the contract shall at all times be open to the inspection and supervision of authorized representative of the Institute, or his subordinate in-charge of the work and the contractor shall at all times, during the usual working hours and at all other times at which reasonable notice of the intention of the Engineer to visit the works shall have been given to the contractor, either himself be present to receive order and instructions or have a responsible agent duly accredited in writing present for that purpose. Orders given to the contractor's agent shall be considered to have the same force as if they had been given to the contractor himself.

The work during its progress shall be inspected by the authorized representative of the Institute and the contractor shall extend all co-operations to the engineers inspecting the work.

9. AGENCY'S RISKS

All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the contract other than the excepted risks are the responsibility of the contractor.

**Purchase cum Stores Officer
NIPGR**

(Seal & Signature of Contractor)

SPECIAL TERMS AND CONDITIONS OF CONTRACT

1. SPECIFICATIONS:

If specifications for an item of work are not covered as per approved Specifications (CPWD / BIS) of tender, the same shall be decided by the Institute and shall be binding on the contractor.

The Director shall have the power to insist upon the contractor to purchase and use such materials of approved make which may in his opinion be necessary for proper and reasonable compliance with the specifications and execution of work.

In the event of any variation/discrepancy in the specification of tender documents the decision of the Institute shall be final binding and conclusive on the contractor.

2. CONTRACTOR TO BE LIABLE FOR ALL TAXES ETC. - The rates specified in the tender shall be inclusive of GST, royalty and other taxes, etc. However if any fresh taxes are imposed by State/Central/Statutory bodies during the currency of contract, the same shall be borne by Institute.

3. FORCE MAJEURE:

The right of the contractor to proceed with the work shall not be terminated because of any delay in the completion of the work due to unforeseeable causes beyond the control and without the fault or negligence of the contractor, including not limited to acts of God, or of the public enemy, restraints of a sovereign state, firms, floods, unusually severe weather.

4. JURISDICTION:

Not with standing any other courts having jurisdiction to decide the questions forming subject matter of a suit any and all actions and proceedings arising out of or relative to this contract (including any arbitration in terms thereof) shall lie only in the court of competent Civil jurisdiction in this behalf at New Delhi., where this contract is to be signed on behalf of and only the said court shall have jurisdiction to try any such actions and/or proceedings to the exclusion of all other courts.

5. SITE WORKING RULES AND REGULATIONS:

a) The contractor shall furnish NIPGR, the Power of Attorney name and signature of his authorized representative who will be in-charge of the execution of the works at site. The contractor shall also furnish the list of technically qualified persons employed by him for execution of the works. Daily reports of number of men employed by crafts and weekly reports of progress achieved, expected date of completion of the works and any actual or potential delays stating the reasons thereof shall be furnished by the contractor.

b) Save as otherwise specifically provided in this Agreement the rates and prices herein, unless otherwise stipulated elsewhere in this Agreement, include all the costs, expenses and outlays of the contractor for executing the works and fulfilling all the obligations of the Contractor under this agreement.

6. SCOPE OF WORK

The scope of work is as per schedule of Bill/quantity. All aspects of Firefighting including site alignment. Electric supply and water, if any, required for the execution of work shall be provided by institute from one point free of cost.

7. CONTRACTOR'S RESPONSIBILITY FOR THE MANNER OF EXECUTION OF WORKS

The contractor shall be solely responsible for the manner and the method of executing the work. The work shall be subject to the approval of NIPGR from time to time for purposes of determination of the question whether the work is executed by the contractor in accordance with the contract.

8. NO WORK SHALL BE UNDERTAKEN WITHOUT APPROVED WORKING DRAWINGS:

No work shall be undertaken at site by the contractor until detailed approved working drawings marked "Good" for execution/construction is issued by the NIPGR in writing. Any work done without the aforesaid working drawing shall be at the contractor's own risk and costs.

9. TIME LIMIT : The entire work is required to be completed within 10 days after the date of award of contract.

1. SUBMISSION OF BILLS:

Contractor is to submit the bills and record of measurements in approved Performa of the NIPGR or his representative for works executed by him. The Bill can be submitted per month for release of payment on pre-rata basis and final payment will be made after completion of work.

11. TERMS OF PAYMENT

The entire work executed under this contract shall be guaranteed by the contractor to give Zero defect and trouble free usage for one year after the date of completion of this contract, during this period, any defect in any component of the job on account of bad workmanship or use of sub-standard materials shall be replaced/rectified to the entire satisfaction of the Institute at his cost. The contractor shall be required to deposit an amount equal to 3% of the tendered value of the contract as Performance Security within the period prescribed for commencement of work in the letter of award issued to him.

12. ACTION AND COMPENSATION PAYABLE IN CASE OF BAD WORK:

If it shall appear to NIPGR, or our representatives, that any work has been executed with unsound, imperfect or unskillful workmanship or with materials of any inferior description or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to the contracted for, or otherwise not in accordance with the contract and provide other and suitable materials or articles so specified at his own cost and in the event of his failing to do so within a period to be specified by the NIPGR in his demand aforesaid, then the contractor shall be liable to pay compensation at the rate of one percent on the amount of the work order for every week not exceeding ten days while his failure to do so that continue and in the case of any such failure NIPGR, may rectify or remove, and re-execute the work or remove and replace with other materials or articles complained of, as the case may be at risk and expenses in all respects of the contractor.

1. The works shall be inspected by authorized representative of NIPGR. The contractor shall extend full co-operation and render all necessary facilities for inspection of the work to the inspecting authority without any additional cost to NIPGR,. It must be noted that any observations/ comments/ recommendations of the said Technical representative of NIPGR shall be binding on the contractor.

2. It shall always prevail, unless otherwise specifically stated, that the entire provisions of Tender document been opened upon and accepted for compliance by the contractor without any reservation.

**Purchase cum Stores Officer
NIPGR**

(Seal & Signature of Contractor)

GENERAL INFORMATION

1. Accepting Authority Director, NIPGR
New Delhi.
2. Earnest Money Deposit For Rs. 1,080.00 (Rs. One thousand eighty only) to be furnished with the tender in the form of the demand draft or Bank Guarantee issued by any Commercial Bank (No interest is payable on Earnest Money)
3. Performance Security deposit The contractor shall be required to deposit an amount equal to 3% of the tendered value of the contract as Performance Security within the period prescribed for commencement of work in the letter of award issued to him. Performance Security may be submitted in the form of Demand Draft or Bank Guarantee issued by Commercial Bank (No interest is payable on Performance Security)
4. Authority competent to grant extension of time Director, NIPGR
5. Tools & plants To be arranged by contractor
6. Authority competent to reduce the compensation amount Director, NIPGR
7. Defect Liability Period 12 months from the date of acceptance of completion by the Institute.
8. Release of Performance Security The performance security shall be refunded to the contractor after completion of the defect liability period and recording of completion certificate by Institute
9. Authority Competent to Appoint Arbitrator Director, NIPGR
10. Authority Competent to reduce the compensation amount Director, NIPGR

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NIPGR**

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