



अनुरक्षण एवं अभियांत्रिकी इकाई  
MAINTENANCE & ENGINEERING UNIT  
भाकृअनुप-भारतीय कृषि अनुसंधान संस्थान  
ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE  
नई दिल्ली-१२  
NEW DELHI-12.



No. 28-69/19-20/ME Unit

Dated : 07-03-2020

**QUOTATION NOTICE**

Sub: INVITATION FOR QUOTATIONS FOR Renovation of lab no. 1 to 4 in NRL Building (ground floor), Division of Plant Physiology at IARI, New Delhi- 12.

1. You are invited to submit your most competitive quotation for the following work:-

Brief Description of the Goods	Specification & BOQ	Quantity	Delivery Period	Place of Delivery	Installation Requirement if any	Quotation Fee & EMD, Estimated Cost
Renovation of lab no. 1 to 4 in NRL Building (ground floor)  (As per Design Diagram and Specification attached as Annexure- I )	Annexure-	01	Within 90 Days after Issue of work order	Division of Plant Physiology at IARI, New Delhi- 12	As Per Terms and condition	Fee: ₹500/-  EMD: ₹50,000/-  Estimated Cost: ₹ 24,98,555/-

**Last Date & Time: 14.30 hours on 20/03/2020.**  
**Date & time of bid opening: 20.03.2020 at 15:00 hours**

2. Government of India has received a financing from the World Bank towards the cost of the said work under NAHEP-CAAST (71-01) Project and intends to apply part of the proceeds of this financing to eligible payments under the contract for which this invitation of quotations is issued.
3. Bid Price
  - a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out. Initialing, dating re-writing.
  - b) All duties, taxes and other levies payable on the raw materials and components shall be including in the total price.
  - c) Sales tax in connection with the sale shall be shown separately.
  - d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
  - e) The prices shall be quoted in Indian rupees only.
4. Each bidder shall submit only one quotation. Bidder shall not contact other bidders in matters relating to the Quotation.
5. **Validity of Quotation:** Quotation shall remain valid for a period not less than 15 days after the deadline date specified for submission.
6. **Evaluation of Quotations:** The purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- a) Are properly signed.
- b) Conform to the terms and conditions, and specifications.

The Quotations would be evaluated for all the item together would be evaluated separately for each item. (select one of the option)

**Sales tax in connection with sale of goods shall not be taken into account in evaluation.**

- 7. **Award of contract:** The purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
- 7.1 Notwithstanding the above, the purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- 7.2 The bidder whose bid is accepted will be notified of the award of contract by the purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the work order.
- 7.3 Successful bidder should submit 10% of total cost of work as performance guarantee after receiving the work order.
- 8. Payment shall be made immediately after delivery of the goods.
- 9. Normal commercial warranty/ guarantee shall be applicable to supplied goods.

**Asstt. Admn. Officer (Works)**

**Renovation of lab no. 1 to 4 in NRL building (ground floor), Division of Plant Physiology at IARI  
Pusa, N.D.-12.**

S.No	Particular	Qty.	Unit	Rate	Amount
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	1.5	cum	2534.70	3802
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
	In cement mortar	5.00	cum	1469.90	7350
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	70.00	sqm	39.00	2730
4	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
	For thickness of tiles 10 mm to 25 mm	100.00	sqm	54.85	5485
5	Dismantling of old duct, as per the direction of engineer-in-charge.	1.00	each	10000.00	10000
6	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	12.00	sqm	42.00	504
7	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	50.00	kg	4.15	208
8	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
	Of area 3 sq. metres and below	3.00	each	274.50	824
9	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :				
	Of area 3 sq. metres and below	3.00	each	106.55	320
10	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				

	Cement mortar 1:4 (1 cement : 4 coarse sand)	1.00	cum	7809.25	7809
11	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.				
	With cement mortar 1:4 (1cement: 4 coarse sand)	20.00	sqm	429.60	8592
12	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.				
	Granite of any colour and shade				
	Area of slab over 0.50 sqm	20.00	sqm	4007.65	80153
13	Providing edge 50 wide moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.				
	Granite work	60.00	metre	376.25	22575
14	Providing and fixing Ist quality ceramic glazed Digital wall tiles of size 300 mm x 600 mm of Digital type conforming to IS : 15622 (thickness to be specified by the manufacture ) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	70.00	sqm	1216.40	85148
15	Providing and laying Vitrified tiles(double charged) in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joint with white cement & matching pigments etc. complete.				
	Size of Tile 600x600 mm	100.00	sqm	1545.85	154585

16	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
	For fixed portion				
	Powder coated aluminium (minimum thickness of powder coating 50 micron)	120.00	kg	456.30	54756
17	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
	Powder coated aluminium (minimum thickness of powder coating 50 micron)	110.00	kg	546.35	60099
18	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade 1 Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineerin- charge.				
	Pre-laminated particle board with decorative lamination on both sides	25.00	sqm	1046.90	26173
19	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)	18.00	sqm	1296.40	23335
20	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides with nuts & bolts complete.				
		6.00	sqm	929.55	5577

21	<p>Providing and Fixing 15 mm thick densified tegular edged ecofriendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanizing @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm</p> <p>made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to form grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calicum silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanized steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all Tsections shall be pre-painted with polyster baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge. Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/ opening (cut outs) having area less than 0.30 sqm.The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection &gt; 85%, non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity &lt;0.043 w/mK.</p>	100.00	sqm	1643.95	164395
22	<p>P/f of vertical blinds of apporved design of MASCUT made or vista lavlour (with scienries outlook) of best quality complete as per the direction of engineer-in-charge. (Sample to be approved by the engineer &amp; client before procurement).</p>	20.00	sqm	1750.00	35000
23	<p>Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steelprimer using structural steel etc. as required.</p>				

	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1200.00	kg	131.00	157200
24	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	100.00	sqm	18.25	1825
25	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	100.00	sqm	115.15	11515
26	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :				
	Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	100.00	sqm	142.20	14220
27	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
	Two or more coats on new work	50.00	sqm	121.55	6078
28	Providing and placing work station made of size: - 1200mm (L) X 600mm (D) X 1200mm. Table for workstation is made up of 25mm thick PVC edge are provided with machine presses 2mm thick PVC edging using special hot melt glue. With keyboard tray and file cabine as per image attached. The product should be from BIFMA and FSC certified company. Complete as per image and specification under the guidance of Engineer in charge. (Brand: Godrej, Durion, Wipro or equivalent)	25.00	each	53352.00	1333800
29	Supplying and placing in position of Angeli is the pride of our office chair collection. Styled for the contemporary office space the J boasts of a curved backrest with a central console for lower back support. This helps to improve posture and provides comfortable seating all day long. The chair is fixed to a sleek nylon base with its individual prongs powered by nylon castors. Material & Subtype:- Mesh Dimension:- (W)610X(D)470X(H)1040mm Back Type- Medium Back Base Type- Revolving Maximum Seating Height- 22.63" Minimum Seat Height-19.29" Tension Control:: Synchro Locking Mechanism-Synchro The product should be from BIFMA and FSC certified company. Complete as per image and specification under the guidance of Engineer in charge. (Brand: Godrej, Durion, Wipro or equivalent)	25.00	each	8580.00	214500
<b>TOTAL</b>					<b>₹2498555</b>

**Subject to be following terms & conditions:-**

- 1. The work shall be executed as per CPWD specifications.**
- 2. Income Tax, work Tax & work cess as per norms shall be recovered from the bill.**
- 3. 1% water and electrical charges will be recovered from the bill if supplied by the Department.**
- 4. The work shall start within 7 days from the date of award and complete within three months failing which a penalty @ 1% per day delay will be imposed on the bill amount maximum upto 10%.**
- 5. All the materials, laboures, T&P etc. required will be arranged by the firms itself.**
- 7. Other item to be required at site to complete the work will be executed as per the lowest quoted rates on DSR-2018.**
- 8. The rates shall remain valid for 90 days from the date of opening of quotations/tenders.**
- 9. A running payment may be made of athe successful completion of work for 1/3<sup>rd</sup> or more amount of work.**
- 10. The Director, IARI has the right to reject any or all the quotation/tenders without assigning any reason.**

**Percentage rate to be quoted above or below in figure :-.....**

**In words :-.....**

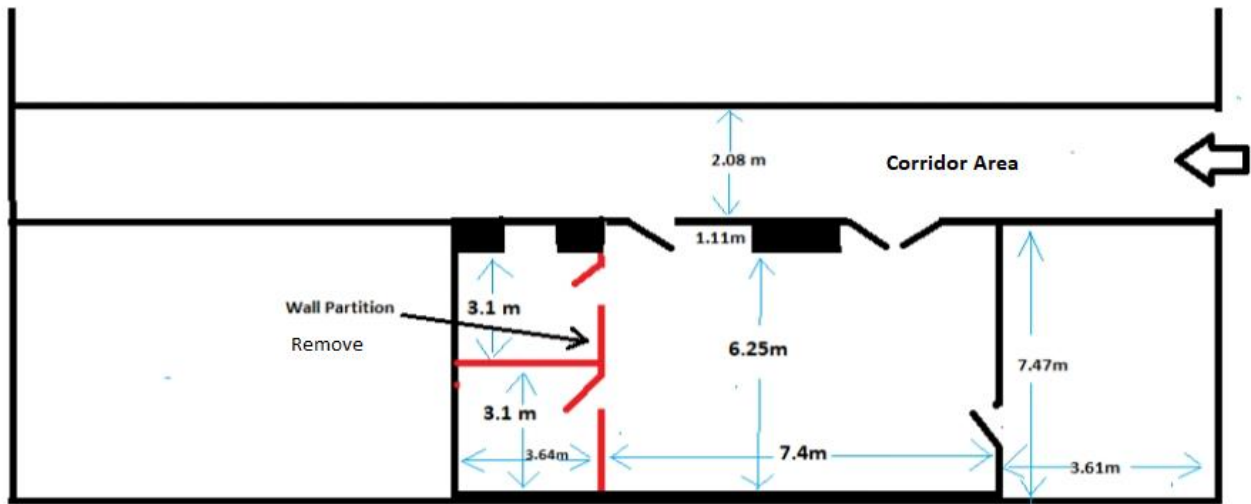
**Name & Signature with seal of the Agency:-.....**

**I/C(W & CTO)**

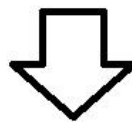
**S.T.A.(C)**



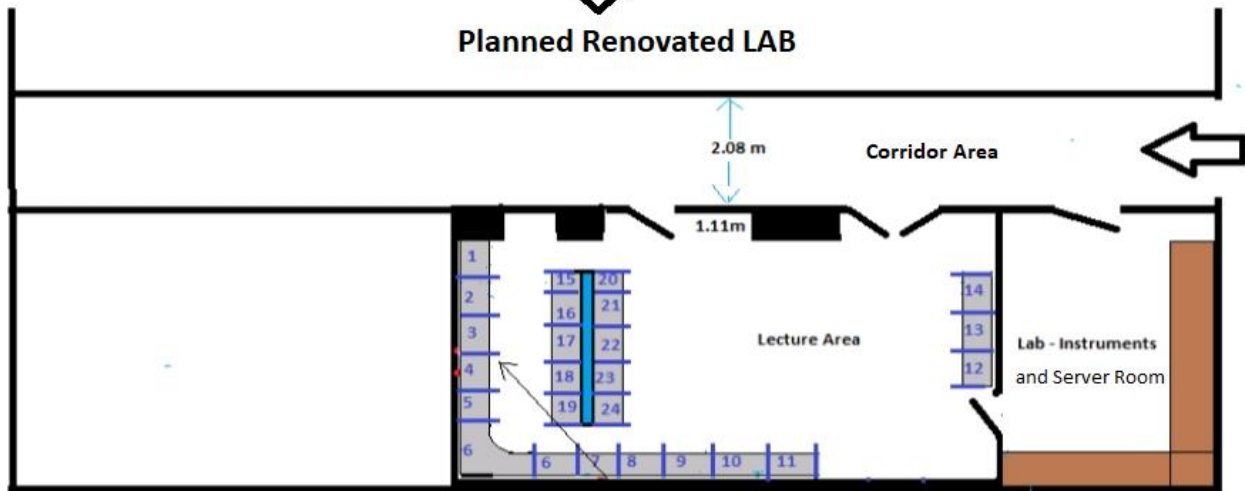
# Common Facility- Bioinformatics Lab (NAHEP CAAST Project)



**Current Lab Area No. 1 to 4 NRL Ground floor**



**Planned Renovated LAB**



Work Station ( PC) Table Modular  
Furniture for 25 work station PC.  
Including Modular Cable Tray as per  
furniture for LAN and Power Point.

**Bioinformatics Lab**

**List of Documents to be scanned and uploaded within the period of bid submission:**

1. Demand draft / Pay order / FDR / Bank Guarantee of any Scheduled Bank against EMD.
2. Tender Fee.
3. Certificate of Registration for GST.
4. Copy of PAN.
5. Enlistment of CPWD, MES, Railways, MCD, PWD or other Central/State Govt./Semi Govt.
6. Experience of two similar nature of works in last three years.

**CERTIFICATE TO BE SIGNED BY THE TENDERER**

*It is certified that I have read and understood and will comply with all instructions contained in Terms & conditions of this tender documents. All pages submitted with this tender document from page \_\_\_\_ to \_\_\_\_ have been filled properly and signed with seal of the firm/company.*

Signature of tenderer: .....

Name in block letters: .....

Name of firm: .....

Full address: .....

.....

i) Telephone No. : .....

ii) Mobile No. : .....

iii) Fax No. : .....

iv) Email ID : .....

**Signature of Tenderer with office seal**