



संस्थागतविकास योजना
राष्ट्रीय कृषिउच्चशिक्षा परियोजना(राकृउशिप)
INSTITUTIONAL DEVELOPMENT PLAN
NATIONAL AGRICULTURAL HIGHER EDUCATION PROJECT(NAHEP)

राजमाताविजयाराजेसिंधिया कृषिविश्वविद्यालय
राजापंचम सिंह मार्ग, ग्वालियर-४७४००२ (म.प्र.)

डॉ. संजय शर्मा
Dr. Sanjay Sharma

Rajmata VijayarajeScindia Krishi Vishwa Vidyalaya

Raja Pancham Singh Marg, Gwalior-474002 (M. P.)

प्रधानअन्वेषक
Principal Investigator

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No/PI/NAHEP/2022-23/ 212

Dated: 01/6/22

// Quotation inviting Notice//

Sealed quotations are invited from authorized civil contractors for Renovation/repair/refurbishment/extension of labs of college of Agriculture Gwalior. The approximate cost of the work is given below:

Place of Work	Estimated Cost
College of Agriculture, Gwalior	07 Lakh

Last date of receiving quotations is 13/06/2022 till 05.00 PM, only by speed post for quotation. For more Detail, format and proposal of work please visit our website www.rvskvv.net


Principal Investigator

**Name of work: - Details Estimate for Repairing /Renovation of Horticulture
lab & Class Room at COA Gwalior**

S.No.	PARTICULARS	MEASUREMENTS				QUANTITY	RATE/@	UNIT	AMOUNT	RE- MARKS
		No.	L.	B.	D.					
1.	As per SOR Page No. (403) Item No. (13.41)									
	Providing and applying white cement based putty of average thickness 1 mm. of approved brand over the plastered wall surface to prepare the surface even and smooth i/c all cost of material, labour and scaffold etc in all position complete.									
	Note : Putty shall be applied only on the internal walls, for application on the exterior walls prior permission of APD/Chief Engineer will be required.									
	Room No. 01	2x1	5.50	3.10	--	34.10				
		2x1	3.00	3.10	--	18.60				
		1x1	5.50	3.00	--	16.50				
	Room No. 02	1x1	9.50	3.00	--	20.50				
		2x1	9.50	3.10	--	58.90				
		2x1	3.00	3.10	--	18.60				
	Room No. 03	1x1	9.50	3.00	--	28.50				
		2x1	9.50	3.10	--	58.90				
		2x1	3.00	3.10	--	18.60				
	Kitchen	1x1	3.00	3.60	--	10.80				
		2x1	3.00	3.10	--	18.60				
		2x1	3.60	3.10	--	22.32				
	Toilet	1x1	3.60	3.60	--	12.96				
		2x1	3.60	1.00	--	7.20				
		2x1	3.60	1.00	--	7.20				
	Corridor	1x1	7.80	1.80	--	14.04				
		2x1	7.80	3.10	--	46.36				
	Room 04	1x1	3.60	3.00	--	10.80				
		2x1	3.60	3.10	--	22.32				
		2x1	3.00	3.10	--	18.60				
	Room No 04	1x1	7.80	3.00	--	23.40				
		2x1	7.80	3.10	--	48.36				
		2x1	3.00	3.10	--	18.60				
	Room No. 005	1x1	7.80	3.40	--	26.52				
		2x1	7.80	3.10	--	40.36				
		2x1	3.40	3.10	--	21.06				
	Hall	1x1	7.00	7.80	--	54.60				
		2x1	7.00	3.10	--	43.40				
		2x1	7.80	3.10	--	48.36				
	Room	1x1	7.00	7.10	--	55.30				
		2x1	7.00	3.10	--	43.40				
		2x1	7.90	3.10	--	48.98				
	Room	1x1	7.30	4.20	--	30.66				
		2x1	7.30	3.10	--	45.26				
		2x1	4.20	3.10	--	26.04				
	Toilet	1x1	2.20	3.00	--	6.60				
		2x1	2.20	1.00	--	4.40				
		2x1	3.00	1.00	--	6.00				
	Gallery	1x1	55.00	2.30	--	126.50				
		1x1	55.00	3.10	--	170.50				
	Day care	1x1	9.30	6.70	--	62.31				
		2x1	9.30	3.10	--	57.66				
		2x1	6.70	3.10	--	41.54				
	Front side	1x1	55.00	1.50	--	82.50				
	Gallery front	1x1	55.00	1.50	--	44.00				
		1x1	55.00	0.80	--	170.50				
	Column	21x1	1.35	3.10	--	87.88				
	Back side	1x1	9.50	3.00	--	28.50				

		1x1	15.00	3.00	---	45.00				
		1x1	15.00	3.00	--	45.00				
		1x1	9.20	3.00	--	27.60				
		1x1	9.90	3.00	--	29.70				
		1x1	1.50	3.00	--	4.50				
		1x1	4.70	3.00	--	14.10				
						2093.49	74.00	Sqm	154918.00	
2.	As per SOR Page No. (431) Item No. (14.51) Finishing walls with Acrylic Smooth exterior paint of required shade : Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface).									
						2093.49	87.00	Sqm	182133.00	
3.	As per SOR Page No. (428) Item No. (14.30) 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.									
						2093.49	6.00	Sqm	12560.00	
4.	As per SOR Page No. (408) Item No. (13.64) Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work.									
		15x2	1.20	2.10	--	75.60				
		15x2	0.90	1.20	--	32.40				
						108.00	53.00	Sqm	5724.00	
5.	As per SOR Page No. (316) Item No. (11.28.1.1) Granite work gang saw cut (polished and machine cut) of thickness 18mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement: 3 sand) including pointing with white cement mortar 1:2 (1 white cement: 2 marble dust) with an admixture of pigment to match the marble shade: (To be secured to the backing by means of cramps, which shall be paid for separately). Area of slab over 0.50 sqm 11.28.1.1 Fine grained granite dark Black/dark Red/ White or equivalent with self design/ pattern/crystals of other colors of glitter									
		1x1	7.00	0.90	--	6.30				
		1x1	4.80	0.90	--	4.32				
		1x1	7.00	0.90	--	6.30				
		1x1	4.90	0.90	--	4.41				
		1x1	4.20	0.90	--	3.78				
		1x1	6.00	0.90	--	5.40				
		1x1				30.51	2919.00	Sqm	89058.00	
6.	As per SOR Page No. (437) Item No. (14.73) Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.									
		2x1	4.00	1.00	--	8.00				
		2x1	4.00	2.00	--	16.00				
		1x1	10.00	2.80	--	28.00				
		1x1	9.50	1.50	--	14.25				
		1x1	1.50	2.50	--	3.75				
		1x1	1.00	1.50	--	6.00				
		1x1	1.00	1.00	--	10.00				
		1x1	15.00	1.00	--	15.00				
		1x1	9.50	1.70	--	32.30				
						133.30	180.00	Sqm	23994.00	
7.	As per SOR Page No. (437) Item No. (21.1.2.3) 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 shutters of doors, windows and 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).

21.1.2.3 Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)

						150.00	356.00	Kgs	53400.00
8.	As per SOR Page No. (590) Item No. (21.3.2)								
	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 5.0 mm thickness (weight not less than 12.50 kg/sqm)								
		1x1	7.00	--	0.70	4.90			
		1x1	26.90	--	0.70	18.83			
		10x1	0.30	--	0.40	1.20			
		5x1	0.80	--	1.00	4.00			
						28.93	940.00	Sqm	27194.00
9.	As per SOR Page No. (493) Item No. (17.58.1)								
	Providing and fixing unplasticised Rigid PVC soil and waste pipes conforming to IS: 13592 Type B including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. Single socketed pipes for working pressure of 4 kg/sqcm. (minimum wall thickness 3.2mm) 75 mm diameter								
						20.00	136.00	Mtr	2720.00
10.	As per SOR Page No. (493) Item No. (18.7.3)								
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings. This included jointing of pipes and fittings with one step CPVC solvent cement, trenching, refilling and testing of joints complete as per direction of Engineer-in-Charge. External Work 18.7.3 25 mm nominal outer dia .Pipes.								
						30.00	185.00	Mtr	5550.00
11.	As per SOR Page No. (540) Item No. (18.28)								
	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank								
						1000.00	7.00	Litre	7000.00
12.	As per SOR Page No. (287) Item No. (10.30)								
	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rail of T-iron 40x40x6mm with 40mm dia steel pulleys complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer. Rate includes recess cutting in floor and making good the same wherever required								

13.	As per SOR Page No. (398) Item No. (13.10)									
	Neat cement punning									
	1x1	7.00	1.40	--	9.80					
	1x1	15.00	1.20	--	18.00					
					27.80	30.00	Sqm	834.00		
14.	As per SOR Page No. (75) Item No. (5.2.1)									
	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, posts and struts etc. above plinth level and upto floor two level excluding cost of centering, shuttering, finishing and reinforcement:									
	M-20 Grade Concrete									
	1x1	2.00	1.40	0.10	0.98					
	1x1	15.00	1.20	0.10	1.80					
					2.78	5865.00	Cum	16304.00		
15.	As per SOR Page No. (194) Item No. (9.18.1)									
	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutter.									
	9.18.1 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.									
	1x1	1.20	--	2.10	2.52					
					2.52	2600.00	Sqm	6552.00		
Total								Rs. 625128.00		
Add 18% for GST								Rs. 112523.00		
Total Amount								Rs. 737652.00		
Say								Rs. 7.38 Lakhs		

[Signature]
17/5/22
Executive Engineer
R.V.S.K.V.V., Gwalior

[Signature]
17/5/22
Assistant Engineer
R.V.S.K.V.V., Gwalior

Estimate Prepared by me
[Signature]
10/5/2022
Sub Engineer
R.V.S.K.V.V., Gwalior

Technically Sanction For
Rs. 7.38, on only
i.e. Seven lakh &
thirty eight thousand only

[Signature]
19/5/22
Executive Engineer
R. V. S. K. V. V., Gwalior

**INVITATION FOR QUOTATIONS FOR CONSTRUCTION OF
CIVIL WORKS UNDER SHOPPING PROCEDURES**

To,

.....
.....

Dear Sir,

Sub: INVITATION FOR QUOTATIONS FOR CONSTRUCTION OF
Renovation/repair/refurbishment/ Extension of labs
College of Agriculture, RVSKVV, Gwalior

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

Brief Description of the Works	Approximate value of Works (Rs.)	Period of Completion
1. Renovation/repair/refurbishment/ Extension of labs	07.00 lakh	30 September 2022

Government of India has received a credit from the International Development Association (IDA) in various currencies equivalent to US\$_____ towards the cost of the _____ Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. The IDP-NAHEP Project in Madhya Pradesh state is being implemented by _____, which is an autonomous society registered under the Societies Registration Act.
4. To assist you in the preparation of your quotation, we are enclosing the following:
- Layout Drawings of the works;
 - Structural Details;
 - Detailed Bill of Quantities, with estimated rates and prices;
 - Technical Specifications;
 - Instructions to Bidders (in two sections).
 - Draft Contract Agreement format which will be used for finalizing the agreement for this Contract.
5. You are requested to provide your offer latest by **17.00 hrs. on 13.06.2022 only through speed post.**
6. Quotations will be opened in the presence of Bidders or their representatives who choose to attend at 3.00 PM PM on 14.06.2022 in the office of PI, IDP-NAHEP, RVSKVV, Gwalior, MP.
7. We look forward to receiving your quotations and thank you for your interest in this project.



Dr. S. K. Sharma
PI, IDP-NAHEP

Address: Office of the DFA, RVSKVV,
Raja pancham singh marg, Gwalior, MP
Tel. No: 0751-2970507

4. Bid Price

- a) The contract shall be for the whole works as described in the Bill of quantities, drawings and technical specifications. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.
- c) 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.
- d) The rates should be quoted in Indian Rupees only.

5. Submission of Quotations

The bidder is advised to visit the site of works at his own expense and obtain all information that may be necessary for preparing the quotation.

Each bidder shall submit only one quotation.

The quotation submitted by the bidder shall comprise the following: -

- (a) Quotation in the format given in Section B.
- (b) Signed Bill of Quantities; and
- (c) Qualification information form given in Section B duly completed.

The bidder shall seal the quotation in an envelope addressed to the PI, IDP-NAHEP, RVSKVV, Gwalior. The envelope will also bear the following identification: -

- Quotation for renovation, repair, refurbishment of labs & Modernization of class room
- Do not open before 14.06.2022 before 3.00 PM

Quotations must be received in the office of the PI, IDP-NAHEP not later than the time and date given in the letter of invitation. If the specified date is declared a holiday, quotations shall be received upto the appointed time on the next working day.

Any quotation received by the **PI, IDP-NAHEP, RVSKVV, Gwalior** after the deadline for submission of quotations will be rejected and returned unopened to the bidder.

11. Performance Security

Within 15 days of receiving letter of acceptance, the successful bidder shall deliver to the **PI. IDP-NAHEP** the performance security (either a bank guarantee or a bank draft in favour of the Employer) for an amount equivalent of **3 %** of the contract price. The Performance Security shall be valid till the expiry of the period of maintenance of the work, specified in clause 12.

12. Period of Maintenance:

The “Period of Maintenance” for the work is six months from the date of taking over possession or one full monsoon season whichever occurs later. During the period of maintenance, the contractor will be responsible for rectifying any defects in construction free of cost to the Employer.

- 13.** Purchase of all construction materials including cement and steel as per the specifications (ISI certification marked goods wherever available) shall be the responsibility of the contractor.

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QUALIFICATION INFORMATION

1 For Individual Bidders

Principal place of business: _____

Power of attorney of signatory of Quotation.
[Attach copy]

Total value of Civil Engineering construction work performed in the last three years (in Rs. Lakhs)

20 _____
20 _____
20 _____

Work performed as prime contractor (in the same name) on works of a similar nature over the last three years.

<u>Project Name</u>	<u>Name of Employer</u>	<u>Description of work</u>	<u>Contract No.</u>	<u>Value of contract (Rs.Lakhs)</u>	<u>Date of issue of work order</u>	<u>Stipulated period of completion</u>	<u>Actual date of completion</u>	<u>Remarks explaining reasons for delay and work completed</u>
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Existing commitments and on-going works:

<u>Description of Work</u>	<u>Place & State</u>	<u>Contract No. & Date</u>	<u>Value of Contract (Rs. Lakh)</u>	<u>Stipulated period of completion</u>	<u>Value of works* remaining to be completed (Rs. Lakhs)</u>	<u>Anticipated date of completion</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)

* Enclose a certificate from Engineer concerned.

QUOTATION

*

Description of the Works:

To:

Subject : Construction of
.....

Reference : Letter No.....dated.....from.....

Sir,

We offer to execute the Works described in your letter referred to above in accordance with the Conditions of Contract enclosed therewith at.....percentage above / below the estimated rates, i.e., for a total Contract Price of -

Rs. ** _____ [in figures]

Rs. _____ [in words].

This quotation and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any quotation you receive.

We hereby confirm that this quotation is valid for 45 days as required in Clause 6 of the Instructions to Bidders.

Yours faithfully,

Authorized Signature : _____ Date: _____

Name & Title of Signatory: __ Name _____ of _____ Bidder

Address : _____
: _____

* To be filled in by the Employer before issue of the Letter of Invitation.

** To be filled in by the Bidder, together with his particulars and date of submission at the bottom of this Form.

Draft Agreement form for Construction through National Shopping

ARTICLES OF AGREEMENT

This deed of agreement is made in the form of agreement on _____ day
_____ month _____ 199 ____, between the
_____ (Employer) or his authorized representative (hereinafter
referred to as the first party) and _____ (Name of the Contractor), S/O
_____ resident of _____ (hereinafter referred to as the second party),
to execute the work of construction of _____ (hereinafter referred to
as works) on the following terms and conditions.

2. Cost of the Contract

The total cost of the works (hereinafter referred to as the "total cost") is Rs. _____ as reflected in Annexure - 1.

Payments under its contract:

Payments to the second party for the construction work will be released by the first party in the following manner: -

On signing of agreement	:	25% of total cost
On reaching plinth level (first stage)	:	25% of the total cost
On reaching lintel level (second stage)	:	25% of the total cost
On reaching roof level (third stage)	:	15% of the total cost
Plastering and completion of whole work (fourth stage)	:	10% of the total cost

(The above has been drafted for construction of school buildings; modify this suitably for other works)

Payments at each stage will be made by the first party:

- (a) on the second party submitting an invoice for an equivalent amount;
- (b) on certification of the invoice (except for the first installment) by the engineer nominated by the first party with respect to quality of works in the format in Annexure - 2; and
- (c) Upon proper and justified utilization of at least 50 % of the previous installment and 100 % of any prior installment.

8. Duties and responsibilities of the first party

The first party shall be responsible for providing regular and frequent supervision and guidance to the second party for carrying out the works as per specifications. This will include written guidelines and regular site visit of the authorized personnel of the first party, for checking quality of material and construction to ensure that it is as per the norms.

The first party shall supply 3 sets of drawings, specifications and guidelines to the second party for the proposed works.

Possession of the site will be handed over to the second party within 10 days of signing of the agreement.

The Engineer or such other person as may be authorized by the first party shall hold meeting once in a month where the second party or his representative at site will submit the latest information including progress report and difficulties if any, in the execution of the work. The whole team may jointly inspect the site on a particular day to take stock of activities.

The Engineer shall record his observations/instructions at the time of his site visit in a site register maintained by the second party. The second party will carry out the instructions and promptly rectify any deviations pointed out by the engineer. If the deviations are not rectified, within the time specified in the Engineer's notice, the first party as well as the engineer nominated by it, may instruct stoppage or suspension of the construction. It shall thereupon be open to the first party or the engineer to have the deviations rectified at the cost of the second party.

9. Duties and responsibilities of the second party

The second party shall:

- a) take up the works and arrange for its completion within the time period stipulated in clause 5;
- b) employ suitable skilled persons to carry out the works;
- c) regularly supervise and monitor the progress of work;
- d) abide by the technical suggestions / direction of supervisory personnel including engineers etc. regarding building construction;
- e) be responsible for bringing any discrepancy to the notice of the representative of the first party and seek necessary clarification:

Fundamental breaches of Contract include, but shall not be limited to the following:

- (a) the contractor stops work for 28 days and the stoppage has not been authorized by the Engineer;
- (b) the Contractor has become bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (c) the Engineer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Engineer;
- (d) the Contractor does not maintain a security which is required;

Notwithstanding the above, the Employer may terminate the Contract for convenience.

If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

13. Payment upon Termination

If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Engineer shall issue a certificate for the value of the work done less advance payments received up to the date of the issue of the certificate, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law.

If the Contract is terminated at the Employer's convenience, the Engineer shall issue a certificate for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract and less taxes due to be deducted at source as per applicable law.

14. Dispute settlement

If over the works, any dispute arises between the two parties, relating to any aspects of this Agreement, the parties shall first attempt to settle the dispute through mutual and amicable consultation.

In the event of agreement not being reached, the matter will be referred for arbitration by a Sole Arbitrator not below the level of retired Superintending Engineer, PWD to be appointed by the first party. The Arbitration will be conducted in accordance with the Arbitration and Conciliation Act, 1996. The decision of the Arbitrator shall be final and binding on both the parties.

Format of certificate

Certified that the works upto-----level in respect of construction of-----at-----have been executed in accordance with the approved drawing and technical specifications.

Signature
Name & Designation
(Official address)

Place:
Date:

Office seal