

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

To

Dear Sirs,

Sub : INVITATION FOR QUOTATIONS FOR CONSTRUCTION OF AUTOMATION
IRRIGATION SYSTEM LABORATORY

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

Brief Description	Approximate value the Works (Rs.)	Period of Completion
Attached herewith (Annexure-A)		

1. Government of India has received a financing from the International Bank of Reconstruction and Development (IBRD) towards the cost of the National Agricultural Higher Education Project (NAHEP) and intends to apply part of the proceeds of this Loan to eligible payments under the contract for which this invitation for quotations is issued.
2. The NAHEP Project is being implemented by Indian Council of Agricultural Research (ICAR), which is an autonomous society registered under the Societies Registration Act. And same is being executed by Junagadh Agricultural University, Junagadh, which is an autonomous body under Gujarat state agricultural universities, Gujarat
3. 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.

4. You are requested to provide your offer latest by **17:00 hrs.** on date: **28/01/2019**
5. Quotations will be opened in the presence of Bidders or their representatives who choose to attend at **10:00 AM** on date **29/01/2019** in the office of Co-PI and Principal and Dean, College of Agricultural Engineering and Technology, Junagadh Agricultural University
6. We look forward to receiving your quotations and thank you for your interest in this project.

(Employer)

Name: Dr. N K Gontia

(Co-PI and Principal and Dean)

Address: College of Agricultural
Engineering and Technology, Junagadh
Agricultural University, junagadh

Tel. No: +91-0285-2672080

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Instructions to Bidders

SECTION – A

1. Scope of Works

The Co-PI and Principal and Dean, College of Agricultural Engineering and Technology, Junagadh Agricultural University, Junagadh (Employer) invites quotations for the construction of works as detailed in the table given below

Brief Description of the Works	Approximate value of Works (Rs.)	Period of Completion
<i>“Annexure-A Attached herewith”</i>		

The successful bidder will be expected to complete the works by the intended completion date specified above.

2. **Qualification of the bidder** : The bidder shall provide qualification information which shall include :

- (a) Total monetary value of construction works performed for each year of the last 3 years :
- (b) Income tax clearance certificate from the concerned IT circle;
- (c) Report on his financial standing; and
- (d) Details of any litigation, current or during the last 3 years in which the bidder is involved, the parties concerned and disputed amount in each case.

3. **To qualify for award of the contract the bidder:**

- (a) should have satisfactorily completed as a prime contractor at least one similar work of value not less than Rs. 500,000 in the last three years;
- (b) should possess valid electrical license for executing building electrification works (in the event of the works being sub - contracted, the sub-contractor should have the necessary license);

- (c) should possess required valid license for executing the water supply/sanitary works (in the event of the works being sub-contracted, the sub-contractor should have the necessary license);

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, initialling, 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

- a) 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.
- b) Each bidder shall submit only one quotation.
- c) The quotation submitted by the bidder shall comprise the following :
- i. Quotation in the format given in Section B.
 - ii. Signed Bill of Quantities ; and
 - iii. Qualification information form given in Section B duly completed.
- d) The bidder shall seal the quotation in an envelope addressed to the Co-PI and Principal and Dean, College of Agricultural Engineering and Technology, Junagadh Agricultural University, Junagadh. The envelope will also bear the following identification :-
- Quotation for Renovation of Automation Irrigation system Laboratory.
 - Do not open before 10:00 AM and 29/01/2019
- e) Quotations must be received in the office of the **28/01/2019** (Employer) 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.

- f) Any quotation received by the Co-PI and Principal and Dean, College of Agricultural Engineering and Technology, Junagadh Agricultural University, Junagadh after the deadline for submission of quotations will be rejected and returned unopened to the bidder.

6. Validity of Quotation

Quotation shall remain valid for a period not less than 45 days after the deadline date specified for submission

7. Opening of Quotation

Quotations will be opened in the presence of bidders or their representatives who choose to attend on the date and time and at the place specified in the letter of invitation

8. Information relating to evaluation of quotations and recommendations for the award of contract shall not be disclosed to bidders or any other persons not officially concerned with the process until the award to the successful bidder is announced.

9. Evaluation of Quotations

The Employer will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) meet the qualification criteria specified in clause 3 above;
- (b) are properly signed ; and
- (c) conform to the terms and conditions, specifications and drawings without material deviations

10. Award of contract

The Employer 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 and who meets the specified qualification criteria

- a) Notwithstanding the above, the Employer 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.
- b) The bidder whose bid is accepted will be notified of the award of contract by the Employer prior to expiration of the quotation validity period.

11. Performance Security

Within 15 days of receiving letter of acceptance, the successful bidder shall deliver to the Co-PI and Principal and Dean, College of Agricultural Engineering and Technology, Junagadh Agricultural University, Junagadh 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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Section -B

QUALIFICATION INFORMATION

1 For Individual Bidders

1.1 Principal place of business: _____

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

1.2 Total value of Civil Engineering 20_____

Construction work performed in the last 20_____

three years (in Rs. Lakhs) 20_____

Description of Work	Place & State	Contract No. & Date	Value of Contract (Rs. lakh)	Stipulated period of completion	Value of works* remaining to be completed (Rs. Lakhs)	Anticipated date of completion

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

Project Name	Name of Employer	Description of work	Contract No.	Value of contract (Rs. Lakhs)	Date of issue of work order	Stipulated period of completion	Actual date of completion	Remarks explaining reasons for delay and work complete d

Existing commitments and on-going works:

* Enclose a certificate from Engineer concerned.

1.4 Proposed subcontracts and firms involved.

Sections of the works	Value of Subcontract	Sub-contractor (name & address)	Experience in similar work

- 1.5** Evidence of access to financial resources to meet the requirements of working capital : cash in hand, lines of credit, etc. List them below and attach copies of support documents.
- 1.6** Name, address, and telephone, telex, and fax numbers of the Bidders' bankers who may provide references if contacted by the Employer
- 1.7** Information on litigation history in which the Bidder is involved.

Other party(ies)	Employer	Cause of dispute	Amount involved	Remarks showing present status

QUOTATION

Description of the Works : CONSTRUCTION OF AUTOMATION IRRIGATION SYSTEM LABORATORY

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 Bidder, together with his particulars and date of submission at the bottom of this Form

**Name of Work: Automation Irrigation System Laboratory Renovation at
College of Agricultural Engineering and Technology, Junagadh Agricultural
University, Junagadh.**

Abstract (Annexure A)

Sr. No	DESCRIPTION OF ITEM	Quantity	Unit	Rate	Amount
1	Demolition of Brick work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	124.75	Cu mt.	337.00	42042.10
2	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including <i>chowkhats</i> architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(i) Not exceeding 3 Sq. Mt. in area.	23.64	each	115.00	2718.60
3	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc. complete for anti-skit (up to 10 ton)	173.35	Smt	1019.00	176642.63
4	Providing and laying and fixing 25mm average thickness colour Polished Granite jambs/sills in masonry making necessary groove and good same with cement mortar 1:2 (1 cement 2 sand) laid in true line level and jointed with gray cement slurry incl. rubbing etc. comp, as directed by E.I.C.	18.21	Smt	2917.39	53125.67

5	<p>Providing & fixing colour anodized aluminium Partition with glazed door framed with anodized aluminium section 63.50x38 mm, Shutter section top and bottom 50.00x44.45, middle section 83.50 X 44.45mm, Vertical section 47.62 X 44.45mm STANDARD (confirming to respective IS code) make and fixing STANDARD (confirming to respective IS code) make Gray Sun glass of 5 mm thick in aluminium frame with glazing clip, nylon rubber packing, Aluminium body door closer of ISI make and S/S heavy hinges , handle, stopper, etc complete as directed by E.I.C.</p>	4.94	Sm t	4515.21	22282.56
6	<p>Providing & fixing Triple shutter sliding Colure coated anodizing aluminium section window in one shutter Mosquito net and Two shutter glass section 3/4" series with Main frame for 114x63 mm section ,Track section 110 x38mm section and window shutter section for etc. partition ,bottom hollow section ,side section, inter lock section, handle, top & bottom section including 4 mm thick STANDARD (confirming to respective IS code) make grey glass and STANDARD (confirming to respective IS code) make mosquito net ,PVC gasket, PVC track, ball bearing lock, etc. standard make or equivalent section as per detail design drawing given etc. comp. as directed by E.I.C</p>	18.90	Sm t	3496.82	66089.90
7	<p>Providing and fixing M.S. Plan grill in drawing with M.S. flats, square bar, round bar, etc. in required size and spacing in wooden frames of windows and ventilators, stair railing including one coat of primer and two coat of enamel oil paints of approved quality brand and shade etc complete as directed by Engineer in-charge</p>	472.50	Kg	68.78	32498.55

8	<p>Providing and applying general insecticide pest control treatment to floors cupboards etc including labours materials etc complete as directed by Engineer in charge</p>	205.00	Sm t	23.63	4844.15
9	<p>Acoustic gypsum board wall panelling supplying and fixing ECO friendly, humidity resistant, better fire resistance, good noise reduction coefficient (NRC), grooved/without grooved, 600 mm x 600mm x 12 mm/ 600mmx1200mmx12mm/ 600mmx1800mmx12mm STANDARD make (confirming to respective IS code) gypsum Acoustic gypsum board or equivalent having paper base surface wall panelling with different types of holes punched in with the great precision. The boards are backed with an acoustic tissue. by using GI perimeter channel made with a cool rolled pre forming process to create a dimpled surface and ribbing effect across the surface having size of 20 mm x 28 mm x 30mm x 0.5 mm thick with effective thickness of approximately 1.0 mm and GI knurled runner 80mmx 26mmx0.55 mm thick fitted on wall by PVC grip P-rawl plug screw as per requirement.</p>	358.36	Sm t	1639.30	587458.81

10	Gypsum false ceiling supplying and fixing ECO friendliness, fire resistant, heat penetration, sound absorption, jointless, 12.50 mm plain gypsum board STANDARD (confirming to respective IS code) make false ceiling in accordance with green building act. By using high quality GI parameter channel 20 mm x 27mm x30 mm x 0.55 mm thick fitted of wall as per requirement, GI angle suspender 25mm x 10 mm x 0.55mm thick fitted on ceiling by PVC grip p-rawl plug 38x12 screw or coach bolt, GI intermediate channel 15mm x 45mm x 15mm x 0.7 mm thick fitted by screw on angle suspender knurled GI Ceiling section 80 mm x 26mm x 0.55 mm thick fitted on intermediate channel by connecting clip, with anti fungal shield-dust proof, stain resistance, durable, smoother finish, synthetic emulsion paint as directed.	199.35	Smt	1018.00	202939.67
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Total Amount= Rs. **1190642.64**

Say Rs. **11,90,643**

(Eleven Lakhs Ninety Thousand Six Hundred Forty Three)

[B] PLUMBING AND SANITARY WORK					
Sr.	DESCRIPTION OF ITEM	Qty.	Rate	Per	Amount
No					
1	Providing & fixing to wall, ceiling and floor following dia. nominal bore UPVC tubes for coldwater STANDARD (confirming to respective IS code) make of 40 sch. including cost of all fittings and clamps of STANDARD (confirming to respective IS code) make including making good the wall, ceiling and floor including testing of no leakage etc complete as directed by Engineer in charge.				
	(a) 15 mm internal dia.	5	85.75	Rmt	428.75
		Rmt			
	(b) 25 mm internal dia.	20	108.07	Rmt	2161.4

		Rmt			
	(c) 40 mm internal dia.	10	174.73	Rmt	1747.3
		Rmt			
	(d) 50 mm internal dia.	5	231.29	Rmt	1156.45
		Rmt			
2	Providing and fixing following diameter nominal size gun metal non return type (heavy) full way wheel valve of approved quality and brand including fixing in proper pipe line in position including testing the joints for no leakage as directed by Engineer in charge				
	(b) 40 mm dia.	2	771.64	No	1543.28
		No			
	(b) 50 mm dia.	1	959.5	No	959.5
		No			
3	Providing and fixing vitreous China flat back Wash basin 550 x 400 mm size in white or colour wash basin STANDARD (confirming to respective IS code) Make (supreme Design) with single hole for pillar tape with Pedestal STANDARD (confirming to respective IS code) Make (supreme Design)Std. Quality including cutting holes, 15 mm pillar tape STANDARD (confirming to respective IS code) make, head, screw down, high pressure with sank screw and back nut washer, with C. P. brass waste coupling 32 mm diameter, with 15 mm C. P. brass stop tape STANDARD (confirming to respective IS code) Make and 32 mm diameter rigid P. V. C. waste pipe and making good the same as directed by Engineer In- Charge.	1	4365.0 2	No	4365.02
		No			
5	Providing and fixing glazed earthenware STANDARD (confirming to respective IS code) make WALL HUNG water closet EUROPEAN TYPE W/C PAN of size 555x360x390mm including seat cover including cutting holes in walls and making good the same connecting the flush bend with cistern and closer (Overflow pipe to be measured and paid for separately) (A) Vitreous (i) White Colour etc. complete as directed by Engineer-in-charge	3	7829.2 2	No	23487.66
		No			

6	Providing and fixing 15mm dia. STANDARD (confirming to respective IS code) Make chromium plated bass screw down bib cock including fixing in pipe line in position as directed including testing etc complete as directed by Engineer in charge	4	745.53	No	2982.12
		No			
7	Providing and fixing P.V.C Nahni trap of 75 mm dia. inlet and 75 mm dia. outlet nominal diameter of self-cleaning design with P.V.C. grating including fixing P.V.C. reducer of 110 mm dia. to 75 mm dia. and jointing with adhesive solvent cement including cost of cutting and making good the walls and floors etc complete as directed by Engineer in charge	4	319.51	No	1278.04
		No			
8	Providing and fixing S.W. Gully trap of 150mm 'P' type with C.I. grating brick masonry chamber and water tight C.I. cover with frame 300 mm x 300m size (inside) with standard weight etc complete as directed by Engineer in charge	2	1198.8 7	No	2397.74
		No			
9	Providing laying & jointing to level and slope 40mm dia rigid PVC pipes of working pressure 6 kg/Sqmt for "Vertical /Horizontal drainage "STANDARD (confirming to respective IS code) make line for wall & floors including necessary fitting such as bends , tees , " STANDARD (confirming to respective IS code) make "PVC clamps rubber packing ring etc testing of pipe line , jointing with adhesive solvent cement including cost of jointing materials and all other necessary fixtures , fitted air and water tight testing the line etc complete as directed by Engineer in charge	5	98.27	Rmt	491.35
		Rmt			
10	Providing laying & jointing to level and slope 75mm dia. rigid PVC pipes of working pressure 6 kg/Sqmt for "Vertical /Horizontal drainage "STANDARD (confirming to respective IS code) make line for wall & floors including necessary fitting such as bends , tees , " STANDARD (confirming to respective IS code) make " PVC clamps rubber packing ring etc testing of pipe line , jointing with adhesive solvent cement including cost of jointing materials and all other necessary fixtures ,fitted air and water tight testing the line etc complete as directed by Engineer in charge	5	214.68	Rmt	1073.4
		Rmt			

11	Providing laying & jointing to level and slope 110mm dia. rigid PVC pipes of working pressure 6 kg/Sq.mt for "Vertical /Horizontal drainage " STANDARD (confirming to respective IS code) make line for wall & floors including necessary fitting such as bends , tees , " STANDARD (confirming to respective IS code) make "PVC clamps rubber packing ring etc testing of pipe line , jointing with adhesive solvent cement including cost of jointing materials and all other necessary fixtures , fitted air and water tight testing the line etc complete as directed by Engineer in charge	10	366.78	Rmt	3667.8
		Rmt			
12	Providing laying & jointing to level and slope 90 mm dia. rigid PVC pipes of working pressure 6 kg/Sq.mt for Horizontal drainage " STANDARD (confirming to respective IS code) make line & floors including necessary fitting such as bends , tees , " STANDARD (confirming to respective IS code) make " PVC clamps rubber packing ring etc testing of pipe line , jointing with adhesive solvent cement including cost of jointing materials and all other necessary fixtures , fitted air and water tight testing the line etc complete as directed by Engineer in charge	5	262.9	Rmt	1314.5
		Rmt			
14	Providing and fixing 75 mm dia. PVC cowel vent with flap open PVC clamps including fixing with led and spun yarn fitted air and water tight etc. comp. As directed by E.I.C.	6	50.5	No	303
		No			
15	Providing and fixing 110 mm dia. PVC cowel vent with flap open including fixing with led and spun yarn fitted air and water tight etc. comp. As directed by E.I.C.	6	60.6	No	363.6
		No			
19	Providing & fixing 25mm dia. C.P. brass half turn flush cock of approved brand including fixing the same in pipe line and testing et complete as directed by Engineer in charge	3	307.04	No	921.12
		No			
23	Providing and fixing C.P. brass ball cock of 25m dia. approved quality and brand fixing it properly to pipe line for water storage tank including testing etc complete as directed by Engineer in charge	3	156.55	No	469.65
		No			

24	Providing & fixing C.P. brass towel rail 600mm x 20mm size complete with C.P. brass bracket fixed to wooden plug with C.P. brass screw etc complete as directed by Engineer in charge	3	480.76	No	1442.28
		No			
25	Providing & fixing Stainless steel Sink STANDARD (confirming to respective IS code) make Size 600mm x 450mm fix in platform with Cement mortar in 1:3 including fitting 32mm dia. C.P. brass waste coupling approved quality with 32mm dia. rigid P.V.C. waste pipe including making the good the floors walls etc complete as directed by E.I.C.	1	2401.73	No	2401.73
		No			
26	Providing and fixing earthen ware urinal of approved quality and brand, flat back type of size 430 x 260 x 350 mm with C. P. brass stop tap joint with heavy connection and rigid PVC pipe 32 mm dia. as per directed by Engineer In-Charge.	4	480.76	No	1923.04
		No			
27	Providing and fixing 25mm dia. Chromium plated Metropole flush cock of STANDARD (confirming to respective IS code) make including fixing in pipe line etc. complete including making the good the floors walls etc complete as directed by E.I.C.	3	480.76	No	1442.28
		No			
28	Providing and fixing 8mm dia. Chromium plated brass/Stainless steel jet with flexible tube up to 1 meter long with S.S. triangular plate to W.C. pan and hook including fixing in pipe line etc. complete. etc complete as directed by Engineer in charge	3	303	No	909
		No			
			Total	Rs.	59230.01

Say Rs. **59,230.00**

(Fifty Nine Thousand Two Hundred Thirty)

**Junagadh Agricultural University
Junagadh**

**Name of Work :- Automation Irrigation system Laboratory At College of
Agricultural Engineering and Technology, Junagadh.**

SUMMARY SHEET (Annexure A)

Sr. No.	Description of Items	Amount for Part T.S.	
1	[a]Civil work	Rs.	1190643.00
2	[b] Plumbing and Sanitary Work	Rs.	59230.00
Total			1,249,873.00
say			12,49,873

(Twelve Lakhs Forty Nine Thousand Eight Hundred Seventy Three)