

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

To

---

---

---

---

Dear Sirs,

Sub : INVITATION FOR QUOTATIONS FOR CONSTRUCTION OF RENOVATION  
OF SHED AND SPV 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

Fax No. +91-0285-26

## 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 Shed and SPV 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.

.....

## 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 RENOVATION OF SHED AND SPV 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



4	Supplying and erecting approved STANDARD (confirming to respective IS code) make of tube fitting with One no T-5 tube 24/ 28 W with Electronic ballast with each tube separately THD less than 10 & built in adaptors, GI / PVC housing & mirror optic reflector, suitable to work on 120V - 300V, A.C. supply with connector and adapter if required. [Make of fitting & tube may be differ& fitting shall be providing with tube] Cat.III (I.No. 2-7-7 P.No.9)	20.00 No.	560.00	No.	<b>11200.00</b>
5	Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected in slab or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia. of pipes, in approved manner as directed (b) 25 mm (I.No. 1-3-2 P.No.12)	405.00 Mtr.	32.00	Mtr.	<b>12960.00</b>
6	Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on/in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia. of pipes, in approved manner as directed (b) 25 mm (I.No. 1-3-2+1-3-1 P.No.12)	160.00 Mtr.	42.00	Mtr.	<b>6720.00</b>
7	Mains with STANDARD (confirming to respective IS code) make with ISI marked electrolyte stranded copper conductor Standard or equivalent make, Non PVC Zero Halogen free fire retardant insulated copper conductor, insulated wire (HFFR) conforms to IS-694, erected in existing pipe with 1.5sq. mm copper conductor of same specifications for earth continuity of following size. [d] 2 wire 2.5 sq.mm (I.No. 1-4-3 P.No.20)	520.00 Mtr.	70.00	Mtr.	<b>36400.00</b>
8	Mains with STANDARD (confirming to respective IS code) make with ISI marked electrolyte stranded copper conductor Standard or equivalent make, Non PVC Zero Halogen free fire retardant insulated copper conductor, insulated wire (HFFR) conforms to IS-694, erected in existing pipe with 1.5sq. mm copper conductor of same specifications for earth continuity of following size. [e] 2 wire 4 sq.mm (I.No. 1-4-3 P.No.20)	880.00 Mtr.	100.00	Mtr.	<b>88000.00</b>
11	Providing and erecting approved make decorative Ceiling fitting with chromium plated	6.00 No.	1450.00	No.	<b>8700.00</b>

	gallery brass holder opaque of clear glass shade erected (M.R.)				
12	Point wiring for Two Way Controlled Light Point with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (green) both are of .ISI marked 1.1 KV grade ZFLR/HFFR PVC insulated multistrand copper wires STANDARD (confirming to respective IS code) make in following type of pipe to be erected concealed in / flushed on wall/ceiling ,complete with 6A Modular type switches and following type of accessories erected on PVC / Metallic box, single mounting base frame covered with textured / metallic front plate modules erected on / in wall / ceiling as per pipe erected. with necessary batten/angle holder or ceiling rose or H.D. Connector as directed. (a) with medium class Rigid PVC pipe and accessories Cat.III (I.No. 1-2-5 P.No.8)	8.00 Pt.	556.50	Pt.	<b>4452.00</b>
13	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, confirming to IS 13032 and BS 5486-1986 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) (L) Three phase 6 way SS Double door for single phase outgoing horizontal box (I.No. 3-11-5 P.No.26)	6.00 No.	2490.00	No.	<b>14940.00</b>
15	Miniature circuit breaker single pole 6A to 32A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark Cat.III (I.No. 3-10-1 P.No.22)	45.00 No.	115.00	No.	<b>5175.00</b>
16	Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 35 KA. at 415 V. having normal current rating up to 200A. with Fixed thermal & magnetic release suitable to work on A.C. supply 50 c/s. with all internal connections & complete erected in existing 16 G.M.S. housing. Cat III (I.No. 3-4-3 P.No.7)	1.00 No.	16500.00	No.	<b>16500.00</b>
17	Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 25 KA. at 415 V, having normal current rating up to 25 A to 100A. With Fixed thermal & magnetic release suitable to work on A.C. supply 50 c/s.	2.00 No.	6290.00	No.	<b>12580.00</b>

	with all internal connections & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only Cat III (I.No. 3-4-1 P.No.6)				
19	Supplying & erecting funnel type earthing having earth plate of following size burred in specifically prepared earth pit 3 mt. below ground with 40 kg. Charcoal and salt with alternate layers of charcoal & salt, 20mm.dia. G.I. pipe with Funnel with a wire mesh for watering & bricks masonry block, C.I. Cover complete as per <i>para</i> 7.3 of IS 3043 with necessary length of double Galvanised Iron / copper earth wire No 6 SWG bolted with lug to the plate and covered in 12 mm dia. G.I. pipe 2.5 mt long complete connected to the nearest switch gear with end socket as per direction & duly tested by earth tester confirming to IS (As per drawing) with following specification (C) with 60 x 60x 0.315 cm. Copper earth Plate (I.No. 3-14-12 P.No.34)	2.00 No.	9200.00	No.	<b>18400.00</b>
20	Providing one bag of 25 Kg. Additional Back Filling Compound (BFC) suitable for safe earthing device. (I.No. 3-14-11 P.No.33)	2.00 No.	1100.00	No.	<b>2200.00</b>
21	Providing and erecting Annealed bare Copper wire 8 to 16 SWG. (I.No. 3-14-4 P.No.31)	20.00 Kg.	710.00	Kg.	<b>14200.00</b>
22	Supplying & Erecting copper lugs for 25mm sq.mm Cable lugs complete (M.R.)	60.00 No	55.00	No	<b>3300.00</b>
24	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cables. (E) 4 core 25 Sq. mm (I.No. 4-4-4 P.No.4)	35.00 Mtr.	1785.00	Mtr.	<b>62475.00</b>
25	Supplying and erecting 19 mm water proof plywood century make for panel and switch gear fitting etc completed. (M.R.)	3.00 Sq.mt.	1450.00	Sq.mt.	<b>4350.00</b>
26	Providing and erecting fabricating M.S. angle, flats bars, channels sections complete with cutting, welding griding and finishing dully	10.00 Kg.	90.00	Kg.	<b>900.00</b>

	<p>           painted with one coat of red oxide with erecting on site as per direction of engineer in charge with necessary grouting, cementing, plastering &amp; finishing etc complete. (M.R.)         </p>				
27	<p>           Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 6 KA and suitable for operation on 3 phase and neutral 415V. having characteristic of quick action &amp; tripping with all advance feature &amp; do not incorporate any electronic component for following Max. rating erected as directed. (iv) 100 Amps. FP (100 mA Sensitivity) Cat.III (I.No. 3-12-2 P.No.29)         </p>	<p>           2.00 No.         </p>	<p>           5040.00         </p>	<p>           No.         </p>	<p> <b>10080.00</b> </p>
28	<p>           Providing following type of Modular Type Accessories mounted with PVC / metallic box, single mounting base frame covered with textured / metallic front plate, modules erected with necessary connection. As desired by Engineer In charge. (7) Blank Plate Single Cat.III (I.No. 1-2-6 P.No.10)         </p>	<p>           40.00 No.         </p>	<p>           20.00         </p>	<p>           No.         </p>	<p> <b>800.00</b> </p>
29	<p>           Mains with ISI marked, 1.5KV grade electrolyte multi stranded, annealed copper conductor with heat resistant PVC insulated conforms to IS 694, IEC - 227 erected in existing pipe of following size (Specifically for control panel, relays, power switchgears, motor starters &amp; control wiring) with required size of copper lugs, nuts and bolts if required.(j) One wire 50.00 sq. mm (I.No. 1-4-4 P.No.20)         </p>	<p>           50.00 Mtr.         </p>	<p>           470.00         </p>	<p>           Mtr.         </p>	<p> <b>23500.00</b> </p>
30	<p>           Supplying &amp; Erecting copper lugs for 50mm sq.mm Cable lugs complete (M.R.)         </p>	<p>           10.00 No         </p>	<p>           80.00         </p>	<p>           No         </p>	<p> <b>800.00</b> </p>
31	<p>           Neutral Link for (ii) 200 / 250 / 320 / 400 / 630 / 800 Amps (I.No. 3-3-4-8 P.No.6)         </p>	<p>           1.00 No         </p>	<p>           320.00         </p>	<p>           No         </p>	<p> <b>320.00</b> </p>
32	<p>           Supplying and erecting 19 / 20 mm. nominal bore Medium Class M.S. Pipe down 1mtr long rod erected duly painted for fan complete with necessary 24/ O.20, 3 core flexible wire with earthing.(I.No. 5-2-1 P.No.3)         </p>	<p>           10.00 No         </p>	<p>           125.00         </p>	<p>           No         </p>	<p> <b>1250.00</b> </p>
33	<p>           Supplying &amp; laying under floor pre galvanised corrosion proof rectangular sheet steel cable trunking of 1.6 mm thick having with stand point         </p>	<p>           26.00 Rmt         </p>	<p>           460.00         </p>	<p>           Rmt         </p>	<p> <b>11960.00</b> </p>

	load up to 1.33 Ton & free from seepage of concrete of screed water having following size of dimensions and No of compartments (W x D x T)[7] 75mm x 38mm x 1.6mm with Three Compartments S.O.R Item No 1-3-7, Page No 15/(7)				
39	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in making trench in soft soil 90 cm. deep for laying cable all over the run and backfilling the same (d) 4 core 16 Sq. mm I.No. 4-3-4+ I.No. 4-5-2 P.No. 3 & 5	50.00 Mtr.	240.00	Mtr.	<b>12000.00</b>
40	Providing and, fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete without going tails, insulating tape etc for following size of cables. (e) 2 to 4 core 16 Sq. mm I.No. 4-6-1(E) P.No. 7	28.00 No.	50.00	No.	<b>1400.00</b>
41	Solder-less crimping type Copper lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner.(C) 16 Sq.mm. I.No. 4-7-2 P.No. 8	15.00 No.	12.00	No.	<b>180.00</b>
48	Providing Approved make Triple Pole Metal / Iron Clad Switch & Fuse with neutral link 415/500 V confirming to IS & Erection on angle iron frame duly painted with Red Oxide 200 A Cat.III I.No. 3-1-6 (A) + I.No. 3-1-7 (B) P.No. 2	2.00 No.	2465.00	No.	<b>4930.00</b>
49	Steel cover as per drawing using 16 SWG M.S. sheet of following depth, to house the switch gear etc. complete with locking arrangement and lock with duplicate keys per cupboard and door handles erected with necessary support and painting. [One coat red oxide and two coat enamel paint] (A) with angle iron frame (ii) For 40 cm. depth I.No. 3-16-2 P.No. 38	1.50 Sq.Mtr	4940.00	Sq.Mtr	<b>7410.00</b>
53	Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing	24.00 No.	1100.00	No.	<b>26400.00</b>

	used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA polyester powder coated and high U.V. & corrosion resistance with diffuser and/or Polycarbonate optics with company mark/name 120 to 300 V, Power Factor more than 0.9, THD < 10 %, CCT 4000 K to 6500K, Uniformity ratio >0.7, Luminaire efficacy > 85 lumens/watt ,LED driver efficiency > 85 % STANDARD (confirming to respective IS code) make LED used for luminaire. (Each fitting required LM-79 & LM-80 Certificates) Square/ Circular Surface/ Recessed Mounted Down light with provision for spring loaded mounting clips complete. <b>(b)10-15 watts, Surge-4 KV Cat-III</b>				
54	=do= Square/ Circular Surface/ Recessed Mounted Down light with provision for spring loaded mounting clips complete. <b>(c)20-24 watts, Surge-4 KV Cat-III</b>	24.00	2000.00	No.	<b>48000.00</b>
		No.			
				<b>Total Rs.</b>	<b>581,432.00</b>
				<b>Say Rs.</b>	<b>581,500.00</b>

(Rupees Five Lakhs Eighty One Thousand Five Hundred)



**Junagadh Agricultural University  
Junagadh**

**Name of Work: - Renovation of Shed and SPV Laboratory At College Of  
Agricultural Engineering And Technology, Junagadh Agricultural  
University, Junagadh.**

**SUMMARY SHEET (Annexure A)**

<b>Sr. No.</b>	<b>Description of Items</b>	<b>Amount</b>	
<b>1</b>	<b>Electrical Part</b>	<b>Rs.</b>	<b>581,432.00</b>
		<b>Total</b>	<b>5,81, 500.00</b>
<b>(Rupees Five Lakh Eighty One Thousand Five Hundred)</b>			