

**ICAR-NATIONAL INSTITUTE OF ABIOTIC STRESS MANAGEMENT**

**A/P. MALEGAON KH, TAL-BARAMATI, DIST-PUNE-413115**

**Tender no: 3-125/2016-17**

**Tender for Construction of Goat Sheds**

For and on behalf of the Secretary, ICAR, the Director, ICAR-NIASM, Baramati invites e-tenders for Construction of Goat Sheds through the website [www.eprocure.gov.in](http://www.eprocure.gov.in) under two bid systems from reputed firms.

**Published date: 23/01/2017**

**Bid Submission end date: 07/02/2017 04.30 PM**

**Technical Bid Opening date: 08/02/2017 02.30 PM**

**Important Notes:**

1. Tender Documents can be downloaded from ICAR-NIASM website [www.niam.res.in](http://www.niam.res.in) or from Central Public Procurement Portal [www.eprocure.gov.in](http://www.eprocure.gov.in). Bidders should enroll / register in the e-procurement module of Central Public Procurement Portal through the website: [www.eprocure.gov.in](http://www.eprocure.gov.in). Bidders should also possess a valid DSC for online submission of bids.
2. Bids received on e-tendering portal only will be considered. Bids in any other form sent through sealed cover/email/post/fax etc. will be rejected.
3. ICAR-NIASM, Baramati reserves the right to accept / reject any /all tenders in part /full without assigning any reason thereof.
4. ICAR- NIASM will not be responsible for any delay in enrollment/registration as bidder or submitting/uploading the offer on e-tender portal. Hence, bidders are advised to register in e-tendering website [www.eprocure.gov.in](http://www.eprocure.gov.in) and enroll their Digital Signature Certificate and upload their quotation well in advance.
5. Any changes/corrigendum/ extension of opening date in respect of this tender shall be issued through websites only and no press notification will be issued in this regard. Bidders are therefore requested to regularly visit our website for updates.

## INSTRUCTION TO THE TENDERERS

The Tender shall be submitted in accordance with these instructions and any tender not confirming the instructions as under is liable to be rejected. These instructions shall form the part of the tender and contract.

1. For Online Bid Submission, as per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL:<http://eprocure.gov.in/eprocure/app>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal using valid Digital Signature Certificates. More information useful for submitting online bids on the CPP Portal may be obtained at [www.eprocure.gov.in/eprocure/app](http://www.eprocure.gov.in/eprocure/app).
2. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL:<http://eprocure.gov.in/eprocure/app>) by clicking on the link "Click here to Enroll". Enrolment on the CPP Portal is free of charge.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF formats. Bid documents may be scanned with 100 dpi with black and white option.
4. The Technical Bids will be opened on 08.02.2017 at 02:30 P.M. The date & time for opening of Financial Bids will be notified on the portal. The bidders may regularly check the portal regarding the date of opening of financial bid.
5. While submitting the tender, if any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender is liable to be rejected. If any Tenderer stipulates any condition of his own, such conditional tender is liable to be rejected.
6. Director, ICAR-NIASM, reserves the right to reject any tender/bid wholly or partly without assigning any reason.
7. All the tender documents & Price Bid to be uploaded as per this tender are to be digitally signed by the bidder.
8. Tender Cost: The bidder should submit a demand draft of Rs. 1000/- (Rupees One thousand only) towards non-refundable tender fee, drawn in favour of "ICAR Unit, NIASM" payable at Baramati in a sealed envelope super-scribed as "Tender fee FOR CONSTRUCTION OF CATTLE SHED on or before last date & time of submission of bids. In the absence of tender cost, the tender will not be accepted.
9. **Earnest Money Deposit (EMD): An amount of Rs. 18000/- (Rs. Eighteen thousand only)** in the form of **Demand Draft drawn in favour of "ICAR Unit, NIASM" payable at Baramati**. This EMD should be submitted in sealed envelope super-scribed as Rate Contract-for Construction of Cattle Shed. Failure to deposit Earnest Money will lead to rejection of tender. In the event of the awardee bidder backing out, EMD of that bidder will be forfeited. The EMD of the accepted Tender will be refunded only after on receipt of Contract Form.

**Note: Both (tender fee & EMD) envelops should be placed in another sealed envelope and address to: "The Director, ICAR-National Institute of Abiotic Stress Management, A/p. Malegaon Kh, Tal- Baramati, Dist-Pune-413115. This envelops having tender fee & EMD should reach on or before last date & time of submission of bid.**

10. Validity: The bid should be valid for acceptance up to a period of 90 Days. The Bidders should be ready to extend the validity, if required without any additional financial implications.
11. Mode of Payment: No advance payment will be made for the suppliers. Payment on bill basis after satisfactory services.
12. The 15 Digit Service Tax Code numbers allotted to each operator by the Central Excise Department may be furnished.
13. The payment shall be arranged by this Institute within reasonable period of time on production of proper Printed Invoice/Bills (3 SETS) along with ORIGINAL, DUPLICATE AND TRIPLICATE SHEET with full details with advance stamped receipt.
14. Service Tax on Total Bill shall be charged.
15. The Tender Documents are not TRANSFERABLE under any circumstances.
  1. The Director, ICAR - NIASM, Baramati reserves the right to reject any or all the tender(s) without assigning any reason thereof.
  2. Only Courts in Pune shall have the jurisdiction over any dispute arising out of this transaction.
  3. The Tenderer(s) shall furnish the complete **BANK DETAILS** for arranging payment through RTGS as per the details below:

|                                |  |
|--------------------------------|--|
| <b>ACCOUNT NAME</b>            |  |
| <b>BANK &amp; BRANCH NAME</b>  |  |
| <b>BANK ADDRESS</b>            |  |
| <b>BANK SWIFT CODE</b>         |  |
| <b>BANK CODE NO.</b>           |  |
| <b>BANK ACCOUNT NO.</b>        |  |
| <b>9 DIGIT (MICR) CODE NO.</b> |  |
| <b>PAN ACCOUNT NO.</b>         |  |

**The following documents are to be enclosed along with the tender failing which the tender shall be rejected out rightly:**

1. A copy of contractor's registration with CPWD/ PWD/ MES/ BSNL/ MTNL/ P & T/ All India Radio/ PSU/ Any Other Govt. Organizations The firm should have experience of similar type of construction work. Proof may be enclosed.
2. A copy of PAN card
3. A Photostats (i. e Xerox) copy of blank cheque for making payment by RTGS method.
4. Firm should enclose ITR for last three years and firm should have annual turnover of atleast one crore.

**INSTRUCTIONS TO BIDDERS, TERMS & CONDITIONS OF CONTRACT FOR EXECUTION OF WORKS**

1. Quotations received after due date and time shall not be entertained.
2. The quoted rates must be valid for six months.
3. Contractor/ agency should be experienced in above said work.
4. The EMD of successful bidder shall be converted into a part of security deposit. The EMD of unsuccessful bidders will be returned within 15 days from the date of award of work to successful bidder.

The successful bidder has to pay security deposit amounting to 10% of the quoted amount. The security deposit will be released only after six months from the date of successful completion of work.

5. The defect liability period is 6 months. Any defect arising in the defect liability period is to be rectified by the contractor without any extra cost, failing which the same shall be done departmentally at the "**risk and cost**" of the contractor and the amount of expenditure shall be deducted from the security deposit.
6. The quoted rates should be inclusive of cost of material, carriages, all taxes whatsoever, storage, watch and ward, wastages, etc. The quoted rates shall not be increased under any circumstances.
7. Income tax will be deducted at source from the bill as per rules.
8. The Institute will not supply any tools, equipments, materials. The contractor has to make their own arrangement.
9. The EMD submitted by the bidder is liable to be forfeited by the Institute, if the selected firm/bidder fail to commence the work within seven days from the date of receipt of work order.
- 10.

11. The work must be completed within the specified time period, failing which a penalty up to 5% of the tendered amount per month will be charged.
12. Works are to be executed strictly as per the specifications mentioned in the tender document failing which work shall be rejected.
13. The material used for Construction must be approved by the officer In-charge (Estate)/ site in-charge before using failing which works shall be rejected.
14. The agency has to abide by all rules and regulations pertaining to labour act. The contractor has to take all necessary steps for the welfare measures of labours employed by him at the site.
15. The agency will be fully responsible for providing medical facilities to their labourers in case of any accident, etc. Matters related to labour welfare/problems should be dealt by the contractor only. NIASM, Malegon Baramati shall not be responsible in such matters
16. Taxes, if any, should be clearly mentioned in the quotation failing which it will be presumed that the quoted rates are inclusive of all taxes. No additional tax will be allowed if the same is not mentioned in the quotation document.
17. The tenders/bidders in their own interest are instructed to visit the site for understanding the site conditions, nature of work, etc.
18. The Director, NIASM Malegon, Baramati reserves the right to accept or reject any or all tender / all tenders without specifying any reason whatsoever. No correspondence shall be entertained in this regard. The decision of the Director NIASM, Baramati shall be final and binding on all concerned in such matters.

## **Specifications of conventional goat shed at ICAR-NIASM**

Conventional goat shed for 45 adult animals with raised platform system. Covered area of 8 X 15 meters (120 sq meters) with raised slotted floor (with roof), free/open area (without roof) of 12 X 15 meters (180 sq meters) and enclosed with railings.

### **CIVIL COMPONENTS:**

**Floor:** Shed on raised platform. The floor should be made with wooden baton strips. Gap between two batons should be 10-15mm.

The compartments should be made up of GI pipe railings, GI square bars may be used for the partition with gaps for feeding.

**Roof:** Should be made up of modern, durable metal type sheets that resist heat transfer should be used.

**Details of each components of civil work are given in Annexure II**

### **ELECTRICAL COMPONENTS:**

Ceiling fans with speed regulator (quantity 8), Angle lamp holder with 12 Watt LED bulb (quantity 16), Ceiling rose (quantity 8), Modular shuttered socket, 6/16 A 3 pin (quantity 16), all other details as given in the financial bid Annexure II.

**Details of each components of electrical work are given in Annexure II**

| <b>CIVIL COMPONENTS</b> |   |          |      |      |        |
|-------------------------|---|----------|------|------|--------|
| Sr. No.                 | Particular  | Quantity | Unit | Rate | Amount |
| 1                       | <b>Earthwork:</b> Excavation in foundation trenches or drains not exceeding 1.5m in width and 60cm in depth or 10sqm on plan including dressing of sides and ramming of bottoms lift up to 1.5m, including getting out the excavated soil and disposal of surplus excavated soils as directed within a lead of 50m. (For all kind of soils including hard rock) | 18.576   | cum  |      |        |
| 2                       | <b>Concrete Work</b>  |          |      |      |        |
|                         | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work up to plinth level 1:2:4 ( 1 Cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size   | 7.776    | cum  |      |        |
| 3                       | <b>BRICK WORK</b>   |          |      |      |        |
| A                       | Half Brick Masonry (100mm thick)<br>Brick work with clay bricks conforming to IS : 12894 - 2002, class designation 10 average compressive strength in :Cement mortar 1:6 ( 1 cement : 6 coarse sand)  | 79.2     | cum  |      |        |
| B                       | Brick work with clay bricks conforming to IS: 12894-2002, class designation 10 average compressive strength in super structure in foundation and plinth level in Cement mortar 1:6 ( 1 cement : 6 coarse sand) (300 mm thick  | 6.624    | cum  |      |        |
| 4                       | <b>Plaster work</b>   |          |      |      |        |
|                         | 12mm cement plaster of mix :1 : 6 (1 cement : 6 fine sand )   | 158.4    | sqm  |      |        |
| 5                       | <b>STEEL WORK</b>   |          |      |      |        |
|                         | M.S. work in built up tubular (round, square or rectangle hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.  | 2951.34  | kg   |      |        |
| 6                       | <b>Welded Mesh</b>  |          |      |      |        |
| A                       | Providing and fixing of GI welded wire mesh of 12 gauge or thicker with square openings 2"x 2"  | 3247.368 | sqft |      |        |
| B                       | Providing and fixing of chain link fencing  | 151.2    | sqm  |      |        |
| 7                       | <b>Colour Work</b>  |          |      |      |        |
| A                       | For Brick Work : Finishing of walls with exterior weather-proof paint of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour: Apex paint   | 158.4    | sqm  |      |        |

|                                     |   |             |             |             |              |
|-------------------------------------|---|-------------|-------------|-------------|--------------|
| B                                   | For Steel Work :Painting with synthetic enamel paint, having VOC (Volatile Organic Compound) content less than 150grams/ litre, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour(Oil paint )   | 134.2152    | sqm         |             |              |
| 8                                   | <b>FLOORING</b>   |             |             |             |              |
|                                     | Wooden battens  | 120         | sqm         |             |              |
| 9                                   | <b>Roofing</b>  |             |             |             |              |
| A                                   | Providing and fixing precoated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer - in Charge) 0.50mm + 0.05%, total coated thickness with zinc coating 120 gsm as per IS: 277 in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard flim of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The street shall be fixed using self drilling/self-tapping screws of size ( 5.5x 55mm) with EPDM seal, complete up to any pitch in horizontal/ vertical or curved surface excluding the cost of purlins, rafters and trusses and including cutting to size shape wherever required | 150.4       | sqm         |             |              |
| B                                   | Ridges plain ( 500 - 600mm)   | 16          | m           |             |              |
| <b>Civil component Total</b>        |   |             |             |             |              |
| <b><u>ELECTRICAL COMPONENTS</u></b> |   |             |             |             |              |
| <b>Sr. No.</b>                      | <b>Particular</b>   | <b>Qty.</b> | <b>Unit</b> | <b>Rate</b> | <b>Total</b> |
| 1                                   | Supply installation testing and commissioning ISI marked, minimum 3 star BEE rating <b>Ceiling fan with speed regulator</b> Minimum Sweep: 1200mm, Number of Blades: 3, Blade Type: Metal, Warranty: 12 Months' Warranty, Colour: Brown, wiring should be made with 2.5 Sq mm, single core wire   | 8.00        | Nos.        |             |              |
| 2                                   | Supply installation testing and commissioning of Square box and <b>Angle lamp holder with 12 Watt LED bulb</b> , wiring should be made with 1.5 Sq mm, single core wire   | 16.00       | Nos.        |             |              |
| 3                                   | Ceiling rose  | 8.00        | Nos.        |             |              |
| 4                                   | Supply installation testing and commissioning of ISI marked Modular shuttered socket , 6/16 A 3 pin - Indian 2 module Power point wiring should be made with 4 Sq mm, single core wire  | 16.00       | Nos.        |             |              |
| 5                                   | Modular surface box - 3 module  | 16.00       | Nos.        |             |              |
| 6                                   | Modular surface plate - 3 module  | 16.00       | Nos.        |             |              |
| 7                                   | Modular surface box - 8 module  | 9.00        | Nos.        |             |              |
| 8                                   | Modular surface plate - 8 module  | 9.00        | Nos.        |             |              |



|    |  |        |         |  |  |
|----|--|--------|---------|--|--|
| 9  | 16 A switch 1 way - 1 module   | 40.00  | Nos.    |  |  |
| 10 | 25 mm well painted in primer & oil paint plywood for fixing of DB, Power sockets, Switch board of desired sizes etc. | 1.00   | Nos.    |  |  |
| 11 | 1.5 sq. mm ISI marked, FR PVC insulated, single core copper conductor cable (Red, Yellow, Blue, Black, Green)        | 360.00 | metre   |  |  |
| 12 | 2.5 sq. mm ISI marked, FR PVC insulated, single core copper conductor cable (Red, Yellow, Blue, Black, Green)        | 360.00 | metre   |  |  |
| 13 | 4.0 sq. mm ISI marked, FR PVC insulated, single core copper conductor cable (Red, Yellow, Blue, Black, Green)        | 360.00 | metre   |  |  |
| 14 | 25 mm, Heavy guage conduit   | 100.00 | metre   |  |  |
| 15 | 25 mm casing caping  | 40.00  | metre   |  |  |
| 16 | Accessories for conduit wiring like 4 way, 2 way junction box, Bend, Sockets etc.                                    | 1.00   | Lumpsum |  |  |
| 17 | <b>Fome sheet</b> Danger plate   | 2.00   | Nos.    |  |  |
| 18 | Other hardware like, Lugs, Insulation tape, Screws, Washers, Rawal, 8 SWG GI wire, Power indicators, Plugs etc.      | 1.00   | Lumpsum |  |  |
|    | <b>Electrical components Total</b>   |        |         |  |  |
|    | <b><u>GRAND TOTAL</u></b><br><b><u>(CIVIL + ELECTRICAL) (₹)</u></b>  |        |         |  |  |