



कृषिमूला ऋद्धिः

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Tender Document

for

Supply, Installation of Fire Detection & Suppression Systems in

Server Room

NAU/IT/01-2015-2016

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Chapter 1: Tender Notice - NAU/IT/01-2015-2016

Installation of Fire Detection & Suppression Systems in Server Room

Central Server Room located at ASPEE Agribusiness Management Institute, Navsari Agricultural University, Navsari is operational Data Center of University. Looking to the fire safety aspect University is inviting bids from suppliers for the supply and installation of Fire Detection & Suppression Systems in Server Room.

Tender Fee	Rs. 500
Period for Bid Document Downloading and submission under nprocure.com (Online)	20/06/2015 to 10/07/2015 up to 18:00 Hrs.
Last date for submission of tender fee, EMD and other documents. (Physical Submission)	13/07/2015 up to 17:00 Hrs.
Bid Validity Period	3 Months
Earnest Money Deposit (EMD)	Rs. 24,000
Security Deposit (For qualifying bidders only)	Rs. 40,000
Technical documents available on	www.nprocure.com / www.nau.in
Tender must be submitted online at	www.nprocure.com

The detail requirements of purchase and tender document will be published on website www.nau.in under tender section. If any future updates regarding tender will be there, it will be published as corrigendum in website www.nau.in during tender period.

List of Purchase Items/work:

No.	Item Name
1	Fire Detection System and associative components
2	Fire Suppression System and associative components

Chapter 2: Item Specifications

Item No.	Specification	Make	Qty.	Unit
1	<p>Fire Detection System Panel with all required accessories:</p> <ul style="list-style-type: none"> • Rugged CRCA sheet with powder coated finish, operates on 220V, A.C supply • Battery backup with built in charging • 16 X 2 LCD Dot Matrix Display • Evacuate and Key pad Enable • Disable Facility, Low battery visual warning with audible tone, Relay output for actuators, Remote fire indication with Audible Tone, Compatible to all types of conventional detectors, Zone Disable (Isolation) facility with loop voltage cut off • Resettable 24v DC output for 4 wire detectors (Optional), Three 24V Hooter Output (Fire, after Cross zone, after gas release) • Two mode operation facility (Auto / Manual) • Programmable FAP input selection Facility, Programmable Solenoid Output with On and OFF Timer • Main / Standby Cylinder output Facility (Optional). • Gas Inhibition and Instant release facility • Manual Gas Release with or without timer • Actuator pressure low sensing facility and Pressures switch facility. 	<p>ANSUL</p> <p>Or</p> <p>SYSTEM SENSOR</p> <p>Or</p> <p>SIEMENS</p>	1	Nos.
2	<p>Sensor + Detector (Type-1):</p> <ul style="list-style-type: none"> • Addressable Photoelectric Smoke Detector • Low profile design, Low current draw, Wide operating voltage 8 to 30VDC, Bi-colour LED detector status indicator, Automatic drift compensation, Programmable sensitivity • Advanced maintenance features via remote hand-held test unit • Tested and approved to EN54 – 7:2000 		4	Nos.
3	<p>Sensor + Detector (Type-2):</p> <ul style="list-style-type: none"> • Addressable Photoelectric Multi sensor Detector • Low profile design, Low current draw, Wide operating voltage 8 to 30VDC, Bi-colour LED detector status indicator, Automatic drift compensation, Programmable sensitivity • Advanced maintenance features via remote hand-held test unit • Tested and approved to EN54 – 7:2000 		2	Nos.

4	Manual Switching: <ul style="list-style-type: none"> Red Conventional cum address Call Point with LED & Resistor (470 OHM) Flush Mounting Flexi Element. 	Compatible to Items 1,2,3	2	Nos.
5	Sounder: <ul style="list-style-type: none"> 90 DB Sounder/ Hooter cum Strobe flasher 	Compatible to Items 1,2,3	2	Nos.
6	Response Indicator: <ul style="list-style-type: none"> Dual LED Indicator for remote area smoke detector which had been not shown physically. 	Compatible to Items 1,2,3	2	Nos.
7	Cable: 2 core 1.5 Sq. MM CU PVC sheathed armored cable	Compatible to Items 1,2,3	100	Meter
8	Aspiration System: <ul style="list-style-type: none"> EN54 confirming Single Channel BLUE LED Based Aspiration Detection Unit with area coverage of 16000 Sq. Feet with sensitivity ranging from 0.0015 - 20% obs/m along with 8 Relay Outputs , 3 Stage Filtration with TCP/IP network Capability. Power Supply with built in battery charger, 24 VDC, 2A (excluding Battery) Aspiration Nozzle with capillary tube with accessories (Quantity: 4). ABS/ CPVC Heavy Duty Pipe 25 mm Dia & all Accessories (Quantity: 25 meter). electronic hooter. 	ANSUL Or KIDDE Or HONEYWELL	1	Nos.
9	<ul style="list-style-type: none"> 67.5 Ltrs. The cylinder shall be high pressure, seamless steel gas cylinder, flat type, concave bottom as per IS 7285 complete with neck ring. Welded and non-CCE approved cylinders will not be accepted 		1	Nos.
10	<ul style="list-style-type: none"> Sinorix 1230 agent 		49	Kgs.
11	Fire Suppression System Accessories: <ul style="list-style-type: none"> Pr. Guage + Low Pr. Supervisory Switch (Quantity: 1) Electromagnetic Actuator (Quantity: 1) Manual Actuator (Quantity: 1) Pneumatic Actuator (Quantity: 1) Flexible Discharge Hose (Quantity: 1) Flexible Actuation Hose (Quantity: 1) Gas Suppression Nozzle (Quantity: 3) 	ANSUL Or HONEYWELL Or SIEMENS	1	Nos.
12	<ul style="list-style-type: none"> Seamless Piping for Fire suppression Cylinder in mS class piping with nessessory clamp, support etc. 		1	Lot
13	<ul style="list-style-type: none"> Manual Abort Station with Monitor Module 		1	Nos.
14	<ul style="list-style-type: none"> Manual Gas Release Station with Monitor Module 		2	Nos.
15	<ul style="list-style-type: none"> Discharge Sign Board 		1	Nos.

Chapter 3: Guidelines and Terms & conditions

- 1 Tender cover super scribed with "Tender: NAU/IT/01-2015-2016".
- 2 At any time prior to the last date for receipt of bids, the Purchaser, may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective party, modify the tender document by an amendment which will be only notified through website www.nau.in in the form of corrigendum.
- 3 The bidders should have to quote the prices in Indian Rupees for the each item individually including installation, fitting, commence, labour and all taxes. Prices quoted must be firm and final and shall remain constant throughout the bid validity period of the contract and shall not be subject to any upward modifications, whatsoever.
- 4 The purchased tender items / system installation are part of strengthening additional facilities in server room of Navsari Agricultural University. Hence, the supplied items / system installation must install / commence with existing facilities of server room. The bidders are informed to visit and verify existing premises for feasibility aspects of installation.
- 5 Selection of bidders will be done on the basis of the overall grand total obtained for the whole tender.
- 6 Warranty
 - 6.1 The parties should warrants that the Goods supplied under this tender are new, unused, of the most recent or current models and those they incorporate all recent improvements in design and materials unless provided otherwise in the tender. This warranty shall remain valid for a period of a minimum 12 months after the Goods or any portion thereof as the case may be, have been delivered, commissioned and accepted at the final destination.
 - 6.2 Upon receipt of such notice, the party shall, within 48 hours and with all reasonable speed, repair or replace the defective Goods or parts thereof, without cost to the Purchaser.
 - 6.3 If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in 6.2 above, the Purchaser may proceed to take such remedial action as may be necessary, at the party's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
- 7 The party must arrange inspection and test of the Fire Detection System and Fire Suppression System after installation of the systems. The cost and expenditure of the test will be not bared by Navsari Agricultural University, bidder has to manage for the same.
- 8 The party shall supply the following documents at the time of Acceptance Test:
Complete set of Technical/Operation and Maintenance Manual.

SEAL AND SIGNATURE

9 Taxes and Other Charges

9.1 The successful party shall be entirely responsible for all taxes, duties, octroi, license fees, demurrage charges etc., in respect of this contract and provisions of Income tax Act regarding deduction of tax at source shall apply.

9.2 Travel expenditures of man power for installation and maintenance during warranty period will not given by Navsari Agricultural University.

10 Terms of Payment

10.1 The Bidder should specifically note that no advance payment will be made.

10.2 The payment of all charges shall be made after satisfactory completion of the work as specified.

11 Right is reserved to accept or reject any or all tender without assigning any reasons thereof.

We have carefully read and understood the terms and conditions of the tender and the conditions of the contract applicable to the tender and we do hereby undertake to provide services as per these terms and conditions.

SEAL AND SIGNATURE

Chapter 4: Technical Bid Document

❖ PRIMARY DETAILS:

1. Name of the Firm:

2. Address of Firm (Office Address):

3. Contact Telephone No. & Mobile No.:

4. PAN No.:

5. Registration with VAT / Service Tax:

6. Demand Draft Details:

	D.D. No. & Date	Value	Name of Bank with Branch
Tender Fee			
EMD			

NAME & ADDRESS OF BIDDER
WITH SEAL AND SIGNATURE

Chapter 5: Tender Fee, EMD and Submission Address

Tender Fee: Bidder has to submit nonrefundable Tender Fee 500 in the form of Bank Draft in favor of "Drawing and Disbursing Officer (DDO) ASPEE Agri. Mgmt. Inst. A/c", payable at Navsari.

Earnest Money Deposit: Tender shall be accompanied by an earnest money, without which tenders will not be considered. The amount 24,000 (Rupees Twenty Four Thousands) should be deposited in the form of Nationalized or Scheduled Bank Draft in favor of "Drawing and Disbursing Officer (DDO) ASPEE Agri. Mgmt. Inst. A/c", payable at Navsari.

Refund of earnest money: The earnest money of unsuccessful Bidder will be refunded.

Forfeiture of earnest money: The earnest money will be forfeited in the following cases:

- When Bidder withdraws or modifies the offer after opening of tender.
- When the Bidder does not deposit the security money after the work/purchase order is given.

Security Deposit: Successful bidder shall deposit Rs. 40,000 (Rupees Forty Thousands) as the security/performance guarantee money in the form of Bank Draft in favor of "Drawing and Disbursing Officer (DDO) ASPEE Agri. Mgmt. Inst. A/c", payable at Navsari.

Refund of Security Deposit: The amount of security deposit will be refunded after completion of warranty period.

Forfeiture of Security Deposit: The security deposit will be forfeited in the following cases:

- When works/services are not successfully executed as per requirement mentioned in the tender document.
- When successful bidder terminate the works/services in during execution period.
- When any issue raised in quality or services during warranty period

Tender Fee, EMD and Tender Submission Address:

Director IT,
ASPEE Agribusiness Management Institute,
Navsari Agricultural University,
Eru Char Rasta, Navsari– 396450 (Gujarat)
Email: dit@nau.in

Chapter 6: Instructions to bidders for Online Tender Participation

1. All tender documents can be downloaded free from the website <http://au.nprocure.com> or <http://www.nprocure.com>
2. All bids should be submitted online on the website <http://au.nprocure.com> or <http://www.nprocure.com>
3. All bids should be digitally signed. For the details regarding digital signature certificate and related training involved the below mentioned address should be contacted

(n)Code Solutions
A division of GNFC
301, GNFC Infotower, Bodakdev,
Ahmedabad 380054 (India)
Tel. : +91 79 26857316 / 17 / 18
Fax : +91 79 26857321
Toll Free Number : 1-800-233-1010
www.ncodesolutions.com

4. The user can get a copy of instructions to online participation from the website <http://au.nprocure.com> or <http://www.nprocure.com>
5. The service provider should register on the website through the "New User" link provided at the home page, the registration on the site should not be taken as registration or empanelment or any other form of registration with the tendering authority.
6. The application for training and issue of digital signature certificates should be made at least 72 hours in advance to the due date and time of tender submission.
7. For all queries regarding use of digital signature certificate should be addressed to personnel in M/s. (n)Code Solutions.
8. For all queries regarding tender specifications and any other clauses included in tender should be addressed to personnel in tendering office address provided below

Director IT,
ASPEE Agribusiness Management Institute,
Navsari Agricultural University,
Eru Char Rasta, Navsari- 396450 (Gujarat)
Email: dit@nau.in