



हर कदम, हर डगर
किसानों का हमसफर
भारतीय कृषि अनुसंधान परिषद

Agrisearch with a human touch

भा0 कृ0 अनु0 प0—भारतीय मृदा विज्ञान संस्थान
नबीबाग, बैरसिया रोड, भोपाल – 462038

ICAR-Indian Institute of Soil Science

Nabibagh, Berasia Road, Bhopal – 462 038 (M.P.)

Tel. No.(0755)2730970/2747375 (Ext. No. 233) Fax. No. (0755) 2733310

F.No.5-445/2016-17/P&S/IISS

Dated 03.02.2017

Sub: Extension of due dates of Tenders- Reg.

Please refer following tenders uploaded on CPP Portal with their due date 01.02.2017. Now the due dates of the tenders have been extended as per the following details: -

Sl.No.	Name of items	Tender No.& Due date	Tender ID	Extended Due date	Date of opening of Technical Bid
01	Plant sample grinder	F.No.5-449/2016-17/P&S/IISS	2016_DARE_158471_1	20.02.2017 Up to 05:00 pm	23.02.2017 At 11:00 am
02	Digital Cone Penetrometer	F.No.5-431/2016-17/P&S/IISS	2017_DARE_162357_1	20.02.2017 Up to 05:00 pm	23.02.2017 At 11:00 am
03	Photosynthesis Analysis System	F.No.5-436/2016-17/P&S/IISS	2017_DARE_162359_1	20.02.2017 Up to 05:00 pm	23.02.2017 At 11:00 am
04	Lining of pond	F. No. 6-46/16-17/Works/IISS	2017_DARE_162361_1	20.02.2017 Up to 05:00 pm	23.02.2017 At 11:00 am

Assistant Administrative Officer

Copy to: -

1. I/c AKMU for uploading on website.

F.NO.5-445/2016-17/P&S/IISS

Dated 10.01.2017

ई-निविदासूचना

निदेशक, भा0कृ0अनु0प0—भारतीय मृदाविज्ञानसंस्थाननबीबाग, बैरसियारोड, भोपाल की ओर से दिनांक01.02.2017(सायं 05:00 बजे तक) निम्नलिखितउपकरण/सामग्री क्रय करनेहेतुऑनलाईननिविदाएँ दोबिडसिस्टम के अर्न्तगत(separately item wise)आमन्त्रित की जातीहै।ऑनलाईननिविदा की विस्तृतजानकारीसंस्थान की वेबसाइटwww.iiss.nic.in एवं**CPP Portal**<https://eprocure.gov.in>परउपलब्ध है । कोईभीविवादउत्पन्नहोने की स्थितिमेंअंग्रेजीसंस्करणमान्य होगा :-

Sl. No.	Name of Item	Tender Number
01	Plant sample grinder	F.No.5-449/2016-17/P&S/IISS
02	UV _ Vis Spectrophotometer	F.No.5-450/2016-17/P&S/IISS
03	Water Purification System	F.No.5-451/2016-17/P&S/IISS
04	Plant Growth Chamber	F.No.5-452/2016-17/P&S/IISS
05	Microplate Reader	F.No.5-438/2016-17/P&S/IISS
06	Digital Cone Penetrometer	F.No.5-431/2016-17/P&S/IISS
07	Photosynthesis Analysis System	F.No.5-436/2016-17/P&S/IISS
08	High Speed Server with data downloading and storing facility	F.No.5-421/2015-16/P&S/IISS
09	Lining of pond	F.No. 6-46/16-17/Works/IISS

प्रशासनिकअधिकारी



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F.No.5-445/2016-17/P&S/IISS

Dated 10.01.2017

E-TENDER NOTICE

On behalf of the Director, ICAR-IISS, Bhopal, online tenders under two bid system (separately item wise) are invited from reputed firms up to 01.02.2017 (05:00 PM) for supply of following equipment/items. The detailed online tender document and terms and conditions are available in the Institute website www.iiss.nic.in and **CPP Portal**<https://eprocure.gov.in> :-

Sl. No.	Name of Item	Tender Number
01	Plant sample grinder	F.No.5-449/2016-17/P&S/IISS
02	UV _ Vis Spectrophotometer	F.No.5-450/2016-17/P&S/IISS
03	Water Purification System	F.No.5-451/2016-17/P&S/IISS
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08	High Speed Server with data downloading and storing facility	F.No.5-421/2015-16/P&S/IISS
09	Lining of pond	F.No. 6-46/16-17/Works/IISS

Administrative Officer



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F.NO. _____

Dated __/__/2017

The following are the important dates: -

Sl. No.	Event Description	Date	Time
1	Purchase Start date of Bid document	12.01.2017	05:00 pm
2	Purchase End date of Bid document	01.02.2017	05:00 pm
3	Start Date & Time of Submission of Bid	12.01.2017	10:00 am
4	Due Date & Time of Submission of Bid	01.02.2017	05:00 pm
5	Opening Date of Technical Bid	04.02.2017	10:00 am
6	Opening Date of Financial Bid	Will be intimated separately.	

General Instructions

E-tender under **two bid system** is invited on behalf of the Director, ICAR-IISS, Bhopal through CPP Portal <https://eprocure.gov.in> on or before due date and time.

General Instructions

1. Tender has to be submitted, through e-tendering, containing the BID.
2. Bid will not be considered, from any tender participants/bidder, in hard copy, by IISS.
3. The bidder can bid for the item and submit EMD as per Annexure I.

Terms and Conditions

1. Bidders are requested to submit Earnest Money Deposit through Registered Post / Speed Post / Courier on or before last due date and time of submission of bid failing which the bids will not be considered. Conditional bids shall not be considered.

(i) EMD & Tender Document Fees

EMD & Tender Document Fees may be submitted in the form of Demand Draft or Bankers' Cheque drawn in favour of "ICAR UNIT-IISS, BHOPAL, along with Cover letter at company's letter head) at IISS office ICAR-IISS, Nabibagh Berasia Road Bhopal-462038, Scanned File of both Demand Drafts (1-EMD & 2-Tender Document Fees) must be uploaded on the portal along with the required documents.

2. The EMD will be refunded **without interest** to the un-successful tenderers for which the tenderers have to make request on the company/firm's letterhead as per enclosed proforma (Annexure-II) **affixing Re. 1/- Revenue Stamp. It is clarified that no interest on EMD shall be payable.**
3. Tenderers/bidders or their authorized representative may attend the opening of bid on the due date and time.
4. Tenderers/bidders must fill **(Price bid) as per their respective items to be quoted &** while putting signature with seal at each page also mention grand-total in figures and words. In case of discrepancy in the rates mentioned in figures and in words, the rates quoted in words would prevail.
5. **SPECIAL INSTRUCTION TO TENDERER (SIT)**
(To be signed and submitted with the tender)

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify/substitute/supplement the corresponding General Instructions to Tenders (GIT). In case of any conflict between the provision in the GIT and that in the SIT, the provision contained in the SIT shall prevail.

I. SUBMISSION OF TENDERS:

Online bid is to be submitted / uploaded on or before the last due date & time of submission of bid as per tender document.

a) PRE-QUALIFICATION FOR BID

- i) Duly signed tender consisting all tender documents published by the Institute, as a token of acceptance of all sections of this tender documents (GIT, SIT, Tender, its schedule covering specification & Quality Control requirements, etc.) must be signed and uploaded.
- ii) Tender documents fee of Rs.500/- as per relevant clause of the Tender.

- iii) Earnest Money Deposit as **per Annexure I** .
- iv) Power of Attorney/Authorization with the seal of the company/firm of person signing the tender documents.
- v) All the bidders are requested to **submit EMD &** Tender document fees along with Cover letter at firm's letter Head. The letter Head of firm must contain its Contact No., Registration No., Tin No., Sales Tax etc.
- vi) While submitting the tender it may be ensured that all the pages are duly signed with seal of the firm.
- v) **The Tenderer shall quote the prices as per the tender's price bid as per their respective items to be quoted.**

b) Evaluation Criteria for L-1 Bidder:

The pre-qualification for bid received in time shall be scrutinized and evaluated by the Competent Committee/Authority with reference to the parameters prescribed in the tender document & Competent Authority.

II. Other Special Terms & Conditions: -

1. The specification indicated are minimum and higher configuration would also be considered subject to its being lowest on total cost-wise.
2. The quoted price should include complete taxes, etc. with clear details.
3. Interested bidders may download documents from the CPP Portal <https://eprocure.gov.in> from the date of e-tendering/e-publication of tender.
4. Bids must be submitted online through CPP Portal <https://eprocure.gov.in> on or before due date and time.
5. Online Bids, which will be received on time will only be opened in the presence of the bidders/authorized representatives who choose to attend **at the Institute on 04.02.2017 at 11:00 am. (IST)**.
6. In the event of any of the above dates being declared as a holiday/closed day for the purchaser, the bids will be opened on the next working day at the scheduled/appointed time.
7. The Director ICAR-IISS has right to reject/cancel any tender or all tenders without assigning any reason.
8. All submission/correspondence should be against in the designation only & not by name.
9. The tender is also available at the Institute website www.iiss.nic.in.

Any amendment/corrigendum will be available in our web site only.

Administrative Officer

Enclosed:- Tender Documents

GENERAL TERMS AND CONDITION FOR TENDERERS
(To be signed and submitted along with the Tender)

The following information may clearly be mentioned alongwith tender documents: -

01. Valid sales tax registration certificate may be furnished.
02. Tender would be based on two bids, one on technical and second on financial. The technical bid will be opened first and examined and if found as per notification the financial bid would be opened.
03. Authorized Dealership certificate if any for which rates have been quoted may be attached.
04. Warranty/Guarantee period with details of terms and conditions may be clearly mentioned.
05. For Annual Maintenance Contract in future, rates and terms and conditions may be separately mentioned for five years.
06. Extent of after sales service facility in Bhopal or at nearest area (area be indicated) must be indicated. Relevant postal address and modus operandi may be indicated.
07. Price to be quoted should be FOB/FOR at ICAR-Indian Institute of Soil Science, NabiBagh, Berasia Road, Bhopal and **valid for 120 days from closing date of tender.**
08. It should be clearly stated whether the rates quoted by the firm are inclusive of Central/State Sales Tax, Excise Duty as applicable and packing/ forwarding charges etc. In case rates quoted are exclusive of above, **full rates** of the same may clearly be indicated. **No 'C' or 'D' form will be issued.**
09. In all cases, the manufacturer's name and other relevant details regarding specification, technical literature etc. must be enclosed.
10. Incomplete or vague tenders will be rejected. Filled in tenders should be accompanied with the filled in proforma (schedules questionnaire etc.) There should be no cutting/overwriting. The cuttings if any should be duly attested. Unattested/amended/overwritten figures will not be considered.
11. **Payment Terms:** Stores are to be supplied **on bill basis only**. Payment will be released within reasonable time, say 30 days after successful and satisfactory execution of supply orders and installation. Request for advance payments, delivery against payment or payment against dispatch documents through bank will not be accepted.
12. In case any firm quoting **imported items** the following information/ documents are required to be furnished with the tender: -
 - i) Principals' proforma invoice on FOB basis, clearly indicating Indian agents commission, in triplicate
 - ii) Payment will be made through Letter of Credit - 90% against delivery & 10% after satisfactory installation and demonstration of the instrument/facility.
 - iii) If item is proprietary in nature, please furnish a certificate in respect of the item. That it (or its equivalent specifications) is manufactured only by M/s.....in India or abroad.
 - iv) Facility of after sales & service, preferable local center may be indicated.
 - v) Indian agent should submit a copy of the agreement with their principal firm.
 - vi) Please indicate if you are registered as an Indian agent at DGS & D for appropriate item in pursuance of Govt. of India O.M.No.F.23 (I) E-II (a)/89 dated 31.01.89 or not. If yes, enclose a copy.
13. In case delivery/supply/installation/commissioning/fabrication is not done as per stipulated/ mentioned prescribed date of this Institute supply order, a penalty can be

- charged @ 2% per week, subject to a maximum of 10% of the cost. The supply order will be cancelled automatically at the supplier's risk and cost including forfeiting the EMD/ Security Deposit. Any delay of inability to supply ordered stores may please be intimated immediately.
14. EMD (Bid Security): In the form of **Demand Draft only** drawn in favour of "**ICAR UNIT – IISS, BHOPAL**" on any nationalized bank at Bhopal (The amount of EMD to be deposited for each item is mentioned alongwith the specification of the equipment)
 15. Security Deposit (Performance Security): 10% of the contract /order amount in form of Demand Draft in favour of ICAR UNIT, IISS, BHOPAL, FDR or Bank guarantee from a nationalized bank, whichever to protect against non – performance of the contract and may also cover warranty obligations, installation and/or commissioning and final acceptance requirements. It is essentially for a minimum period of two months beyond the date of completion of performance obligations under the contract/supply order.
 16. The Director reserves the right of accepting or rejecting all or any application for issue of tender form and subsequently of accepting or rejecting all or any part of the tender without assigning any reason. Further, the Institute reserves the right to verify the information/document furnished and to carry out assessment of capability of the tenders, if the circumstances so warrant in the overall interest of the Institute, the decision of the Director, IISS, shall be final and binding on the Tenderer.
 17. This Institute reserves the right to reject the stores/supplies in part or in full covered in the order at any stage prior to payment if they are not according to the specification, Part supplies against this order will not be accepted unless otherwise agreed, prior to execution of supply only under special circumstances on full justification/reasons to be given.
 18. In case the quoted items are under the running rate contract concluded by DGS&D or any other Govt. Agencies, copies of the rate contract may also be enclosed with your quotations. Your willingness to supply store on the basis of rate contract may also be submitted/indicated.
 19. Minimum **period of delivery** of the stores/ material should clearly be specified in the tender/quotation. However, **immediate** ready stock delivery would be preferred but **not later than 4 weeks**.
 20. All communications must be addressed to the Administrative Officer of the Institute by DESIGNATION ONLY and not by name.
 21. Institute will not be responsible for any postal delay. The last date of receipt of duly completed tender will not be extended in any case.
- Above terms and conditions are acceptable, wherever applicable (to be enclosed along with your tender document.

NAME OF THE FIRM

SIGNATURE

RUBBER SEAL

SPECIAL CONDITION FOR THE TENDER/QUOTATION FORM

(To be signed & submitted with the tender)

1. The sealed quotations and tender document duly completed in all respects, along with Earnest Money should be sent by addressing a letter on the letter pad of the firm to the Administrative Officer of the Institute at the aforesaid address.
2. The amount of Earnest money to be deposited for each item is mentioned along with the specification. Any Earnest Money deposited (EMD) earlier to this Tender notification will not be considered for this tender.
3. Separate tenders under two bid system should be submitted for each items as per instructions.
4. The rates should be quoted separately for each components of the item whether the item(s) are of the main unit or of the accessory or spare parts and should be on FOR/FOB basis.
5. The unit price should be given separately for each item(s) of the "basic unit"(giving details of the components of the basic units, essential accessories and spares to make the basic unit fully functional at the time of installation at the Institute. No such items should be left out for want of which the basic unit could not be made fully functional), (ii) Each items(s) of the Additional Accessories, each item(s) of spare part(s), etc required for keeping the equipment or items fully functional.
6. Price should be inclusive of all discounts.
7. Rates of "Sales Tax" and "Other Taxes" leviable should be indicated in clear terms separately i.e. Sales Tax or Central Sales Tax @----- for items at Sl. NO._____ will be charged extra. Sales Tax Registration No. both under Central and State Tax Act Rules should be specifically indicated. FORM "C" or "D" WILL NOT BE ISSUED BY THIS INSTITUTE. Where ever applicable manufacturer or representative should submit the Excise Duty Gate Pass for the Complete Unit/System as per rule.
8. (a) Manufacturers name, their Trade Mark and Brand of item(s) should be mentioned in the quotation. (b) Only printed original illustrated leaflets, literature giving technical details, particulars, specifications etc. supporting the rates quoted, should be sent along with the quotation. **Tenders without the original printed literature will not be considered. The photocopies of the literature will not be considered at all.** (c) Only clarifications, if any, about the contains given in the printed leaflets, literature etc. may be considered and should be attested along with the printed literature at the time of submitting the quotation. **(d) No correspondence/clarification, unless asked for will be entertained after the due date of submission of the Tenders i.e.**
9. The rates quoted should be valid at least up to **for 120 days after the closing date of tender.**
10. In all matters of dispute, the decision of the Director of this Institute shall be final and binding on the Tenderer.
11. Delivery of the stores/material should be made within a period of 30 days from the date of issue of supply order by the institute.
12. Quantities of each item to be purchased may vary according to actual requirement of this Institute at the time of placing order.
13. Payment will be made within a reasonable time say 30 days and only after the Instrument/Equipment is satisfactorily installed by the representatives of the firm, or of other material/stores (which do not require installation) received in good condition and according to the specifications of the Institute. **ADVANCE PAYMENT CANNOT BE MADE AS PER GOVERNMENT RULES.** Therefore, quotation with condition for making advance payments will be rejected (Except for items which have to be imported as per procedures prevalent at the time of imports).
14. The Tender should be submitted under two bid system by not later than **01.02.2017.**

15. The Institute reserves the right to reject any or all the quotations/Tender(s) received without assigning any reason thereof.
16. Sample: The Institute will inspect sample of the approved items, wherever applicable, and if approved the same will be retained by the Institute. The payment of the same will be affected when supply of the order is fully made.
17. Security Deposits: The firm shall within ten days from the communication of the acceptance of the Tender by the Institute furnish a Security Deposit of Ten percent of the total consideration payable under the contract.
18. Duration as well as terms and conditions for training, if required, (including places and period of training) for Handling and Maintenance of the sophisticated equipments may also be clearly stated while submitting the tender.
19. A certificate in original or a photocopy of the same duly attested by the Oath Commissioner, that the quoted item is a proprietary item and that they are their Principal or the manufacturer of the item should be provided, if required/applicable.
20. All the pages of the Tender/quotations proforma should be signed & numbered by the Tenderer with a seal of the firm.
21. The Agents, sole agents/distributors of the principal firms, if quoting on behalf of their principal manufacturers, they should attach a "Recent original letter from their principal that they are their authorized agent" when submitting the tender.

**SPECIAL INSTRUCTIONS TO TENDERERS QUOTING FOR THE ITEMS
TO BE IMPORTED (to be signed & attached alongwith the tender).**

The sole agent/representative of the foreign firms should arrange quotations for the items to be imported on only original Proforma Invoice (in triplicate) and printed literature from their principals. Institute will not accept any telex or photocopy of the proforma invoice and of printed literature. The proforma invoice should clearly indicate the following:-

22. (A). Unit price of the basic unit: (Give details of the items included in the basic unit). It should include all items of basic accessories and spares required to make the basic unit/equipment fully functional at the time of Installation. Give details of the taxes, packing, forwarding, insurance, shipment charges etc.
(B). Additional Accessory item(s): which would be helpful in increasing the work efficiency and precision of analysis etc. should be quoted separately and item wise giving details of Taxes, packing, forwarding charges etc. separately for each unit of Additional Accessories.
The price should be inclusive of satisfactory installation charges of the equipment/instrument/ accessory at the Institute premises by the sole agent/ dealer/ representative of the principal. No additional charges will be paid for the installation for making the instrument fully functional therefore, include or quote charges, if any, for installations/making the equipment and accessories functional.
23. Additional spares required, in addition to the one quoted as per Sl.No.22, for maintenance and/or repair of equipment in times to come, replacement of the worn-out and keeping the equipment in working order for at least Five years should be quoted separately item wise.
24. The firm should indicate the commission of the Indian Agent separately which is to be paid in Indian currency according to the Foreign Exchange Regulation Act (FERA); and after the satisfactory installation of equipment at the Institute. Wherever the commission of the Indian Agent is less than five percent of the value of the equipment(s) the Indian agent should furnish an undertaking that they will furnish a bank guarantee for the balance amount falling short of 5%.

25. The sole agent/representative of the firm should clearly indicate the terms, conditions & rate for after sales service facilities to keep the instrument in fully working conditions. In case there are some charges for the same these should be clearly shown for a period of at least FIVE YEARS BUT PAYABLE ANNUALLY.
Service Contract/Warranty: Submission of details of after sales service contract/warranty period along with the tender is compulsory. The terms and conditions of after sale service should be signed by the authorized agent in India and should constitute a part of the tender/quotation. Tenders without this may be rejected. The agent/representatives of the principal firm(s) not quoting for after sale services of equipment would imply that they are unable to provide such after sales service and their quotations will not be considered.
26. The agent should produce evidence (a recent original letter from there principal) that they are the authorized agent/ representative/dealer of the principals in India failing which the quotation will be rejected.
27. The Agent should attach valid registration certificates of the DGS&D (Photocopy attested by the oath commissioner), if applicable.
28. The Tenderer should show the weight of each items, packing (dimension) etc. and tenderer should quote their rates on FOB (Free on Board) basis only. Any tender quoting C.I.F. value will not be considered. The proforma Invoice should be valid for 120 days from closing date of tender.
29. Tenderer should clearly indicate on the proforma Invoice the Terms and Condition of L/C. Banking charges outside India shall be borne by the supplier.
30. The terms and conditions other than those indicated in the proforma Invoice will not be entertained at a later date.
31. If there are any special features in the equipment/stores, it should be highlighted.
32. If in the past equipment/stores has been supplied to any Govt., ICAR, Universities, and other organization in India their addresses with telephone/fax no's of the organization may be supplied. The performance report from the user organization for the same may be attached.
33. TDS tax will be deducted at source as per Income Tax Act 1961(Under Section 194 - C).
34. Photocopy of catalogue/literature will not be considered. Only original printed literature/ catalogue of the equipment mentioning the technical details of the equipment quoted is to be enclosed failing which your tender will not be considered.
35. The Indian electrical conditions should be compatible with foreign equipments, by suitable placing the adaptor (to be provided by the Indian agent)

I have carefully read the General terms and conditions and Special terms and conditions for the tender /quotation form and are acceptable to me and all the required formalities as desired by you have been enclosed/completed.

NAME OF THE FIRM

SIGNATURE

RUBBER SEAL

Name & Specification of the equipment.

ITEM NO.	NAME OF THE ITEM	Qty.	EMD Amount (Rs.)
(01)	Plant sample grinder or mill	01	10000/-

Specification**Plant sample grinder or mill: -**

The details of specifications are given below.

Sl No	Features	Specifications
1	Feed material	Plant sample
2	Type	Cutting/grinding/ shearing
3	Input sample volume	≤5g to 25 g or higher
4	Final fineness	Adjustable/variable (≤0.25 to ≥1mm)
5	Speed	Option to regulate
6	Materials for grinding tools	Heavy duty stainless steel or tungsten carbide
7	Installation and Training	Free installation, demo or training
8	Sieve	Should provide sieves of 20, 40, 60 and 80 mesh
9	Accessories	Should provide suitable stabilizer and accessories or spares for smooth running of the equipment.
10	Warranty	2 yrs

NOTE: ORIGINAL PRINTED CATALOGUE/LEAFLETS IS TO BE ENCLOSED ALONG WITH THE TENDER FOR THE ABOVE ITEM. THE SERIAL NO. OF THE ABOVE MENTIONED SPECIFICATION MIGHT BE INDICATED/ UNDERLINED/ HIGHLIGHTED WHERE THE ABOVE POINTS ARE MEETING/ MATCHING OR OTHERWISE.

Name & Specification of the equipments.

ITEM NO.	NAME OF THE ITEM	Qty.	EMD Amount (Rs.)
01	UV Vis spectrophotometer	01	12000/-

Specifications

Sl No	Features	Specifications
1	Wavelength	190 to 1100 nm
2	Optics	Double beam
3	Resolution	0.1 to 0.5 nm
4	Wave length accuracy	±0.1 nm
5	Detector	Silicon photo diode
6	Base line drift	≤ 0.005 abs/hour
7	Source	Tungsten halogen and deuterium lamp
8	Stray light	≤ 0.02 %
9	Accessories	Quartz cuvettes 4 pairs, and branded disposable cuvettes (at least 2000 nos) compatible for the instrument
10	Software	Original software, It should have bio method mode.
11	External controlling unit	Should be supplied with branded lap top (>2GB RAM, >19 in screen) with licensed MS, for software update, data analysis. A high throughput multi task HP laser color printer for spectral analysis
12	Power	220V, 50/60 Hz
13	Display	Graphical, large LCD display, Instrument can be operated as stand alone as well as with PC
14	UPS	Should supply suitable ups for easy operation of the equipment for 1 hr back up.
15	Others	Should supply a branded 5star energy saving temperature controlling unit for a room of 15 ft x 15ft. Price should be quoted with all items included
16	Warranty	Should have 2 yrs warranty
<p>NOTE: ORIGINAL PRINTED CATALOGE/LEAFLETS IS TO BE ENCLOSED ALONG WITH THE TENDER FOR THE ABOVE ITEM. THE SERIAL NO. OF THE ABOVE MENTIONED SPECIFICATION MIGHT BE INDICATED/ UNDERLINED/ HIGHLIGHTED WHERE THE ABOVE POINTS ARE MEETING/ MATCHING OR OTHERWISE.</p>		

Name & Specification of the equipments.

ITEM NO.	NAME OF THE ITEM	Qty.	EMD Amount (Rs.)
(01)	<u>Water purification system</u>	01	10000/-

Specification

Sl No	Features	Specifications
1	Type	Should provide pure and ultrapure water for HPLC and molecular biology grade from Tap water
2	Resistivity	18.2 MΩ cm
3	TOC	1-5 ppb
4	Particles (~0.22 μm ³)	< 1 /ml
5	Pre-filtration system	Inclusive
6	RNAses	<1 pg / ml
7	DNAses	1-5 pg / ml
8	Microbial (bacteria) count	0.01-0.1 CFU / ml
9	In built tank	≥ 20L
10	UV	Should have UV lamp to ensure complete germicidal activity (with one additional UV)
11	Flow rate	1.5-2 L / min
12	Reservoir	Should provide an external reservoir of 50 L
13	Display	Graphic color display for showing system status, parameters, alarms, trouble shooting
14	Accessories	Should be given for smooth running of the equipment for 5 years
15	Training	Free demo or training for handling
16	Warranty	Should provide 2 yrs warranty + 3 yrs AMC including consumables

NOTE: ORIGINAL PRINTED CATALOGUE/LEAFLETS IS TO BE ENCLOSED ALONG WITH THE TENDER FOR THE ABOVE ITEM. THE SERIAL NO. OF THE ABOVE MENTIONED SPECIFICATION MIGHT BE INDICATED/ UNDERLINED/ HIGHLIGHTED WHERE THE ABOVE POINTS ARE MEETING/ MATCHING OR OTHERWISE.

Name & Specification of the equipments.

ITEM NO.	NAME OF THE ITEM	Qty.	EMD Amount Rs.
(01)	Plant Growth Chamber	01	30000/-

Sl No	Features	Specifications
1	Type	Walk-in
2	Compartments	Two, side by side, independently control
3	Dimension	Each compartment with internal dimension : W 6ft x D 7ft x H 7ft
4	Temperature	15 to 45°C, IR based heating
5		Accuracy ± 1 °C
6	Material	Inner material high grade stainless steel (SS316, 18gauge); outer material non corrosive/rust proof MS powder coated (18 gauge)
7	Door	Air tight, double walled large glass slot for complete internal visibility
8	Partition wall	Common partition wall, made of high quality toughened glass of 10-12 mm thickness
9	CO ₂	Monitor and maintain CO ₂ concentration independently for each compartment
10		Adjustable range from ambient to 2000 ppm
11		Resolution 1-10 ppm
12		CO ₂ cylinder (6 nos) with standard 2 stage standard regulators (3 nos), should be supplied with manifold and pre-heaters.
13		Wall mount moisture and other impurities purification panel, steel/PTFE/equivalent tubing
14	Humidity	Range - 50 to 95%
15		Accuracy ± 1 %
16	Light	RGB high intensity LED, ≥ 25000 lux
17		Adjustable intensity
18	Display	Touch screen, should display all parameters, 15-18 inch display panel
19	Shelves	Collapsible/foldable and easy removable option, Width 1-1.5ft fitted at the sides of each compartment, made of high grade stainless steel, Three height adjustable shelves
20	Stabilizer and UPS	Servo stabilizer and suitable UPS for the monitoring equipments with at least 2 hrs back up.
21	Caster	Strong industrial casters with leveling feet.
22	UV light	Suitable UV lights with timer in each chamber
23	Installation	Growth chamber should be installed inside a room
24	External controlling unit	Should supply a branded laptop with latest configuration (>2GB RAM, Screen size ≥ 19 inch), license version MS. High throughput multi task branded color laser printer. Equipment should have wireless connectivity with controlling unit for programming and data recording.
25	Accessories	All accessories required for smooth operation of the instrument. Suitable temperature control system for a room of 15ft x 15ft.
26	Other conditions	The supplier should have at least 3yrs of experience in installing sufficient number of walk in plant growth chambers in reputed institutes. Minor work/construction connected with installation should be done by the bidder
27	Warranty	3 warranty with 2 yrs AMC

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Name & Specification of the equipments.

ITEM NO.	NAME OF THE ITEM	QTY.	EMD Amount (Rs.)
01	Microplate Reader	01 nos.	40000/-

Specifications

S.N.	Features	Properties
1	Double monochromatic with 1nm increment	
2	Detection modes	
a	UV/Vis Absorbance - Spectrometer Based	Spectral range: ≤ 300 to ≥ 900 nm Accuracy: 1% at 2 OD
b	Fluorescence - including FRET	Emission wavelength: 270 to ≥ 700 nm Excitation wavelength: ≤ 300 to ≥ 900 nm Sensitivity: ≤ 0.2 fmol/well Fluorescein
c	Time-Resolved Fluorescence - including TR-FRET	Emission wavelength: ≤ 300 to ≥ 700 nm Excitation wavelength: ≤ 300 to ≥ 700 nm Sensitivity: ≤ 30 amol/well Europium
d	High-Performance Luminescence - Glow and Flash Possible with Onboard Dispensers	wavelength: ≤ 400 to ≥ 600 nm Sensitivity: ≤ 20 amol/well ATP
3	Read methods	Top and bottom reading, Endpoint and Kinetic measurements, Sequential Multi Excitation and Emission measurements, Well Scanning
4	Microplate types	6 to ≥ 384 well plates, should support all plate formats U bottom, V bottom and flat Bottom
5	Temperature control	3°C above ambient to $\geq 45^{\circ}\text{C}$
6	Light Source	Xenon flash lamp for both Absorbance and Fluorescence Mode
7	Detector	Photomultiplier tube for all measurement modes
8	Shaking	Linear/orbital with user defined time and speed
9	Reading Time	≤ 45 Seconds for 96-wells.
10	Warranty 1 year and AMC 3 years, working of instrument needs to be demonstrated with thorough training for operation.	
11	Branded computer having latest configuration with computer peripherals (keyboard, LED monitor, mouse, UPS), Laser All in one printer, data analysis software, Pre installed licensed MS Office and window	
12	All essential accessories are to be supplied with equipment for smooth operation of instrument	
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Name & Specification of the equipments.

ITEM NO.	NAME OF THE ITEM	QTY	EMD Amount (Rs.)
01	Digital Cone Penetrometer	01 nos.	10000/-

Specifications

- The system should be water proof, portable and supplied with carrying case for smooth field operations along with battery, connector and charger. The Penetrometer should measure soil penetration resistance up to 60 cm depth or deeper at an interval of 3 cm or less in the field condition. It should be provided with portable data logger to store data and interface with computer. It should be handy and light weight for field measurements. Measurement range of the system should be 0-5 M Pa or above. Resolution of the system must be below 10 kPa or accuracy should be below 2%, with penetration data in digital form. Battery back up time of minimum 3 hours. Compatible software for data transfer to computer and graphical display should be included. Cone (s) of different sizes (base area 1.5 to 5.0 cm²), probing rods and other essential accessories should be included in the quotation.
- Optional specification: The system having facility of GPS connector with GPS receiver for enabling position coordinates at each sampling point.
- Minimum warranty for the equipment should be 1.0 year and AMC charges for at least next two years should be provided

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Name & Specification of the equipments.

ITEM NO.	NAME OF THE ITEM	QTY	EMD Amount (Rs.)
01	Photosynthesis Analysis System	01 nos.	40000/-

Specifications

1. The instruments should be portable, minimum weight and based on microprocessor based technology
2. The system console should have minimum 128 MB RAM for operation with up-gradation option and integrated power supply, with in-built display.
3. The system as such or with additional accessories should be equipped to measure Photosynthesis, Respiration, Transpiration, RH, Chlorophyll Fluorescence, Leaf and Air Temperature, Stomatal Conductance, and soil CO₂ flux.
4. The system should have four independent non-dispersive infrared gas analysers for measurement of reference and sample CO₂ and H₂O
5. Leaf chamber of more than 4 cm² size with PAR sensor, suitable facility/software for data processing, downloading and data transfer, spare kits and carrying case.
6. CO₂ analyzer: Non dispersive Infrared Gas Analyzer; Minimum Range: 0-3000 $\mu\text{mol mol}^{-1}$; Precision at 300 $\mu\text{mol mol}^{-1}$ should be at least 0.5 $\mu\text{mol mol}^{-1}$ (In other words, signal noise should not be more than 0.5 $\mu\text{mol mol}^{-1}$)
7. H₂O analyser: Non-dispersive infrared gas analyzer; Range: 0-75 mmol mol⁻¹; Precision at 10 mmol mol⁻¹ should be ≤ 0.03 mmol mol⁻¹ (In other words, signal noise should not be more than 0.03 mmol mol⁻¹)
8. PAR sensor : Range: 0 to 3000 $\mu\text{mol m}^{-2} \text{s}^{-1}$
9. Temperature control : The system should be able to operate beyond 40 °C
10. CO₂ control: The system should be supplied with CO₂ injector for desired concentration of CO₂ supply in leaf cuvette.
11. The system should have rechargeable battery/batteries with charger for a backup of minimum 4 hours.
12. Manual and accessories: Printed manual, software and CD/DVD/data system for the operation of the equipment.
13. Necessary consumable accessories like gaskets for leaf chamber, desiccants and scrubber for three years duration should be supplied along with the equipment. Spares kit and carrying case to be provided.
14. Optional Accessories : Soil CO₂ flux chamber for measuring Soil respiration/ CO₂ flux and Chlorophyll fluorescence system for simultaneous measurement of chlorophyll

fluorescence and gas exchange on the same leaf area. It should accurately measure multiphase flash fluorescence from a single fluorescence and gas exchange simultaneously.

15. Minimum two years warranty for the equipment with AMC rates for at least three years after the lapse of warranty period need to be quoted. Working of the equipment needs to be demonstrated with thorough training for operation.

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Name & Specification of the equipments.

ITEM NO.	NAME OF THE ITEM	QTY	EMD Amount (Rs.)
01	High Speed Server with data downloading and storing facility	01 nos.	50000/-

Specifications**Server Specification****Blade Chassis**

Blade Enclosure	Requirement
Blade Chassis	<p>Solution to house the required number of blade servers in smallest number of enclosures.</p> <p>The blade enclosure should offer higher server density per square-foot when compared to the dense 1U Rack servers. Should have support for full height and half height blades in the same enclosure, occupying a max of 6U rack height</p> <p>Same enclosure should support Intel Xeon, AMD Opteron and RISC/EPIC processors based blades</p> <p>Should support Hot Pluggable & Redundant Management Modules with onboard KVM functionality .</p> <p>Should provide an highly reliable and high performance mid-plane/back-plane design in the blade enclosure.</p> <p>Should be able to accommodate the blade servers of specifications mentioned in the proposed blade enclosures. The proposals must offer the most dense packaging possible for the blade servers in the enclosure and maximum headroom for future expansion in the offered enclosures.</p> <p>Support simultaneous remote access for different servers in the enclosure.</p>
Interconnect	Should support simultaneous housing of Ethernet, FC, SAS and infiniband interconnect fabrics offering Hot Pluggable & Redundancy as a feature
Blade Server Interconnect to LAN/ Network	The enclosure should support network switches/modules with atleast 2x 10G SR SFP+ uplink ports per switch, up-linkable to the data center switch.
Blade Server Interconnect to Fiber Channel SAN	The enclosure should support Fiber Channel SAN switches/modules with at least 8 Gb auto-negotiating FC uplinks and also at least 8Gb auto-negotiating downlinks to all server bays.
Power Supply	<p>The enclosure should be populated fully with power supplies of the highest capacity available with the vendor. Power supplies should support N+N as well as N+1 redundancy configuration, where N is greater than 1.</p> <p>Should offer a single phase power subsystem enabled with technologies for lower power consumption and offering high energy efficiency levels .Vendors should provide documents certifying the claims.</p>
Cooling	Each blade enclosure should have a cooling subsystem consisting of redundant hot pluggable fans or blowers enabled with technologies for improved power consumption and acoustics
Warranty	3 years comprehensive warranty

Contd....

System Software	Management/controlling softwares have to be from the OEM.
Remote Management	Must provide a remote management functionality to operate the server in both in-band and out-of-band. Must be part of the server without the need to install any additional hardware or software.
	Must have a real time Virtual KVM functionality and be able to perform a remote Power sequence. Must provide both Java & Java-free browsing options.
	Must have the ability to map the remote media to the server and ability to transfer files from the user's desktop/laptop folders to the remote server with only the network connectivity.
	Must have the ability to capture the video sequence of the last failure and the boot sequence and also playback the video capture or equivalent technology.
	Must have the ability for multiple administrators across remote locations to collaborate on the remote session in a server with multiple sessions even in server powered OFF mode.
Power Management	Must be able to show the actual power usage and actual thermal measurement data of the servers.
Compliance	Vendors must submit supporting documents stating RoHS compliance.
Cooling system	External cooling system should be provided to maintain ambient temperature for the server room.

Contd....

Server

	High End BLADE SERVER
Item	Feature Requirements
Form Factor	half height Blade server
Processor	Should be supplied with 2 x Intel® Xeon® E5-2640v4 (2.4GHz/10-core/25MB/90W)
Chipset	Intel Chipset
Memory	Minimum Memory: 128 GB DDR3 RAM DDR3 1600 MHz equivalent or higher
	Maximum Memory Support: Scalable up to 192 GB per blade, however scalability up to 384 GB is preferable. Memory should support advanced memory protection features like advanced ECC, Online Spare etc.
HBA	The Blade should have dual port 8 Gbps Fiber Channel HBA equivalent or higher
Ethernet Controller	Supplied with dual port network card
	Should have an additional embedded NIC for remote management
	Integrated PCIe 3.0 based SAS Raid Controller with RAID 0, 1 with 512MB of Flash backed write cache onboard.
Internal Storage	2 x 300GB SAS HDD equivalent or higher or more hot swappable system disk with mirroring using integrated RAID 0,1 on internal disks. It should be possible to hot swap the drives without shutting down the server.
Expansion Slot	Minimum of 2Nos of PCIe 3.0 based mezzanine slots. One PCIe x16 based and one PCIe x8 based supporting Ethernet, FC adapters, Infiniband and SAS based adapters
Display	VGA / Graphics Port / Controller
OS Environment	Should support heterogeneous OS environment to run Windows 2008 Server (32 & 64 Bit), Red Hat Linux / Suse Linux / 64 Bit UNIX / Solaris x86
Industry Standard	The server must be compliant with following international standards: PCIE 3.0 Compliant, Microsoft® Logo certifications, USB 2.0 Support, ACPI 2.0. Compliant.
Products Certifications	UL/FCC, Should be in the in the list of top 3 server brands as per IDC report published for India in last 5 Years.
OEM Certifications	ISO 9001-14001, ISO 9001-2008

Contd....

	Low End BLADE SERVER
Item	Feature Requirements
Form Factor	half height Blade server
Processor	Should be supplied with 1xIntel® Xeon® E5-2609v4(1.7GHz/8-core/20MB/85W) or higher
Chipset	Intel Chipset
Memory	Minimum Memory: 16 GB DDR3 RAM DDR3 1600 MHz equivalent or higher
	Maximum Memory Support: Scalable up to 192 GB per blade, however scalability up to 384 GB is preferable. Memory should support advanced memory protection features like advanced ECC, Online Spare etc.
HBA	The Blade should have dual port 8 Gbps Fiber Channel HBA equivalent or higher
Ethernet Controller	Supplied with dual port network card
	Should have an additional embedded NIC for remote management
	Integrated PCIe 3.0 based SAS Raid Controller with RAID 0, 1 with 512MB of Flash backed write cache onboard.
Internal Storage	2 x 300GB SAS HDD equivalent or higher or more hot swappable system disk with mirroring using integrated RAID 0,1 on internal disks. It should be possible to hot swap the drives without shutting down the server.
Expansion Slot	Minimum of 2Nos of PCIe 3.0 based mezzanine slots. One PCIe x16 based and one PCIe x8 based supporting Ethernet, FC adapters, Infiniband and SAS based adaptors
Display	VGA / Graphics Port / Controller
OS Environment	Should support heterogeneous OS environment to run Windows 2008 Server (32 & 64 Bit), Red Hat Linux / Suse Linux / 64 Bit UNIX / Solaris x86
Industry Standard	The server must be compliant with following international standards: PCIE 3.0 Compliant, Microsoft® Logo certifications, USB 2.0 Support, ACPI 2.0. Compliant.
Products Certifications	UL/FCC, Should be in the in the list of top 3 server brands as per IDC report published for India in last 5 Years.
OEM Certifications	ISO 9001-14001, ISO 9001-2008

Contd....

SAN storage

Sr. Number	Parameter	Functionality
1.0.1	Operating System & Clustering Support	<p>1. The storage array should support industry-leading Operating System platforms including: <i>Windows Server 2008, Windows 2012, VMware and Linux.</i></p> <p>2. Offered Storage Shall support all above operating systems in Clustering.</p>
1.0.2	Capacity & Scalability	<p>1. The Storage Array shall be offered with 25 TB Capacity using SAS/NL-SAS drives.</p> <p>2. Storage subsystem shall also support LFF and SFF drives with the addition of required disk enclosures.</p> <p>3. Storage shall be scalable to minimum of 90 number of drives or greater than 80TB using 900GB SFF SAS drives.</p>
1.0.3	Front-end Ports	Offered Storage system shall be supplied with minimum of Dual 8Gbps FC ports per controller.
1.0.4	Back-end	Offered Storage subsystem back-end engine shall be running on latest SAS (6Gbps) loop speed.
1.0.5	Architecture	<p>1. The storage array should support dual, redundant, hot-pluggable, active-active array controllers for high performance and reliability</p> <p>2. Offered Storage shall have optional flexibility to create a wide strip pool so that a single volume can be striped across all spindles of a given type.</p>
1.0.6	No Single point of Failure	Offered Storage Array shall be configurable in a No Single Point of configuration including Array Controller card, Cache memory, FAN, Power supply etc.
1.0.7	Disk Drive Support	<p>1. Offered Storage Array shall support minimum 300/600/900/1200/1800 GB hot-pluggable Enterprise SFF SAS hard drives and SAS MDL 1TB / 2TB drives.</p> <p>2. For LFF drives, offered Storage Array shall support minimum of 4/6/8TB SAS MDL drives.</p>

Contd....

1.0.8	Cache	<p>1. Offered Storage Array shall be given with Minimum of 4GB cache per controller in a single unit after removing the operating system overhead.</p> <p>2. Cache shall be backed up in case of power failure for indefinite time either using batteries or capacitors or any other equivalent technology.</p> <p>3. Offered storage shall have at-least 2GB additional cache per controller for Metadata and System OS. Vendor shall clearly provide the document about the overall cache requirement for Metadata and System OS</p>
1.0.9	Raid Support	Offered Storage Subsystem shall support Raid 0, 1, 1+0, 3, 5, 5+0 and Raid 6 with Dual Parity Protection
1.1.0	Point in time and clone copy	<p>1. Offered Storage array shall be configured with array based Snapshot and clone functionality and shall be configured for minimum of 64 snapshot licenses.</p> <p>2. Offered Storage array shall support at-least 512 point in time copies (Snapshots).</p>
1.1.1	Replication	Offered storage subsystem shall support storage based replication to DR location.
1.1.2	Thin Provisioning and Data Tiering	<p>1. Offered Storage shall have optional Sub-LUN real time automated tiering for moving data between Enterprise SAS drive and SAS-MDL drives for performance optimization.</p> <p>2. Offered Storage shall also have optional thin provisioning support.</p>
1.1.3	Global and dedicated Hot Spare	<p>1. Offered Storage Array shall support Global hot Spare for offered Disk drives.</p> <p>2. Atleast 2 Global hot spare drive shall be configured for every 30 drives.</p> <p>3. Storage subsystem shall also have the flexibility to assign dedicated spare for raid sets.</p>
1.1.4	Logical Volume & Performance	<p>1. Storage Subsystem shall support minimum of 512 Logical Units. Storage Array shall also support creation of more than 50TB volume at controller level.</p> <p>2. Offered Storage shall have inbuilt performance management software. Configuration Dashboard shall show overall IOPS and MB/sec performance.</p>
1.1.5	Load Balancing & Multi-path	Multi-path and load balancing software shall be provided, if vendor does not support MPIO functionality of Operating system.

Contd....

Technical specification UPS

TECHNICAL SPECIFICATION OF 6KVA (1Ph Input - 1 Ph Output) ONLINE UPS SYSTEM	
Technical Parameters	
Make	
Model	
UPS Toplogy	Double Conversion On-Line
Power Rating (VA / Watts)	5400 Watts / 6000 VA
Form Factor	Rack/Tower

Contd....

Input Parameter	
Nominal Input Voltage	230V
Input Frequency	40-70 Hz (auto sensing)
Input Connections	Hard Wire 3 wire (1PH+N+G),
Input voltage range for main operations	160 V - 280V
Input Power Factor (100 % Load)	0.99 typical
Battery Management	
Battery Type	Sealed Maintenance Free (SMF) / Valve Regulated Lead Acid (VRLA) type, Flooded / tubular / vented type
Back up time	At least 1 Hour back up on 4200 Watts IT Load
Output Parameter	
Nominal Output Voltage	230V
Output Voltage distortion	Less than 5%
Bypass	Separate Bypass connection should be available in UPS
Communications & Management	
Interface Port(s)	RJ45
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	Yes
LCD display	Yes

Summary

SI No.	Item	Quantity
1	Blade Chassis	1
2	Higher end server	1
3	Lower end server	3
4	SAN storage	1
5	Windows server 2012 standard edition/Linux	1
6	Rack	1
7	Airconditioner(1.5 t)	2
8	Network check before installation	

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Name & Specification of the Item.

ITEM NO.	NAME OF THE ITEM	Qty.	Rate/ per m ² Rs.	EMD Amount (Rs.)
(01)	Lining of pond (Multilayered cross Laminated polyethylene film of at least 250 GSM)	5500 m ²		10000/-

Specification

S.No	Item	Approx.quantity
<u>01</u>	Multilayered cross Laminated polyethylene film of at least 250 GSM	2500m ² + (Finish size) & 3000m ² + (Finish Size) =5500m ² (Finish size)
<u>02</u>	The film/lining material must confirm to IS 14611-1998 or IS 15351 or IS 10889 or IS 2508 standards	
<u>03</u>	Only finished material should be provided. Unfinished materials will not be entertained.	

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PROFORMA FOR REFUND OF EMD

(To be submitted on the letter head of the firm submitting tender)

To,

The Director,
Indian Institute of Soil Science
Nabibagh, Berasia Road,
Bhopal – 462 038.

Sub: Request for refund of EMD against Tender No. _____ **due on** __/__/2017.

Sir,

I request you that the EMD deposited by me against tender No. _____ **due on** __/__/2017 quoted for the items as per details given below may kindly be refunded.

Sl.No.	Item No.	Name of the equipment	DD No. & date	Amount

Yours faithfully,

Signature

PRE-RECEIPT

Received Rs.....(Rupeesonly) from Director, Indian Institute of Soil Science against refund of EMD deposited against **tender No.** _____ **due on** __/__/2017 **for(Name & No. of item).**

Bank details _____

(SIGNATURE)

With affixing Rs.1/- revenue stamp

Schedule of Requirements

Sl. No.	Brief description of goods	Quantity	Delivery Schedule

Amount of Bid Security:

No. _____ dated _____ for Rs. _____. The firm's name may be given on the reverse of DD.

Name of the Bank _____

QUESTIONNAIRE

BIDDERS SHOULD FURNISH SPECIFIC ANSWERS TO ALL THE QUESTIONS GIVEN BELOW IN CASE A QUESTION DOES NOT APPLY TO A BIDDER THE SAME SHOULD BE ANSWERED WITH THE REMARK "NOT APPLICABLE" BIDDERS MAY PLEASE NOTE THAT IF THE ANSWERS SO FURNISHED ARE NOT CLEAR AND/OR ARE EVASIVE, THE BID WILL BE LIABLE TO BE IGNORED.

1. Bid No. Date for bid opening on

2. Offer is open for acceptancedays

3. Brand of goods offered:

4. Name & address of manufacturer :

5. Station of Manufacture :

6. What is your permanent Income Tax A/C no :

7. Confirm whether you have attached your latest/current ITCC or certified photocopy thereof.

8. Status:

(a) Are you currently registered with the Directorate General of Supplies & Disposals

(DGS&D) for the item(s) quoted? If so, indicate the date up to which you are registered and whether there is any monetary limit on your registration.

(b) Are you a small scale unit currently registered with the National Small Industries Corporation (NSIC) under Single Point Registration Scheme for the item(S) quoted? If so, indicate the date up to which you are registered and whether there is any monetary limit on your registration

(c) If you are not registered either with NSIC or DGS&D, please state whether you are currently registered with Directorate of Industries of the State Government concerned. If so, indicate the date up to which you are registered and whether there is any monetary limit on your registration.

Contd....

(d) Are you registered under the Indian Companies Act, 1956 or any other Act?

Please attach certified copy (copies) of the relevant registration certificate(s) in confirmation to your above answer(s).

9. Please indicate:-

Name & full address of your Banker(s): -----

Bank account No. for e-payment

10. Whether you are:

(i) Manufacturer of the goods quoted; or -----

(ii) Manufacturer's authorized agent for those goods.-----

11. State whether business dealings with you have been currently banned by any Ministry/Deptt. of Central Govt. or any State Govt.

Signature of Witness
Name & address of Witness

Signature of Bidder
Full name, designation &
Address of the person signing above
For and on behalf of Mssrs.
.....
(Name and address of the bidding firm)

BID FORM AND PRICE SCHEDULES

Date

To,

**The Director,
INDIAN INSTITUTE OS SOIL SCIENCE
NABIBAGH, BERASIA ROAD, BHOPAL- 462038**

Ref: Your bidding documents No. dated

Having examined the above mentioned bidding documents, including addenda Nos..... (if any), the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver..... (description of goods and services) in conformity with the said bidding documents for the sum as shown in the price schedules, attached herewith and made part of this bid.

We undertake, if our bid is accepted, to deliver the goods and complete the services in accordance with the delivery schedule specified in the Schedule of Requirements after fulfilling all the applicable requirements incorporated in the above referred bidding documents.

If our bid is accepted, we will provide you with performance security as per terms and condition of tender for a sum equivalent to 10 % (ten percent) of the contract price for the due performance of the contract.

We agree to abide by this bid for the bid validity period or for the subsequently extended period. If any, agreed to by us and it shall remain binding up on us and may be accepted at any time before the expiration of that period.

Until a format contract is prepared and executed, this bid together with your written acceptance thereof and your notification of award, shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this Day of 200

**Signature
(in the capacity of)
Duly authorized to sign bid for and on behalf of**

MANUFACTURER'S AUTHORISATION FORM

To,

**The Director
IISS, BHOPAL**

(Name and address of the purchaser)

Dear Sirs,

Ref: Your Bidding Documents No.

We who are established and reputable manufacturers
..... of (Name and description of the goods offered in
the bid) having factories at hereby authorize
.....Messrs (name address of the agent) to submit a bid, negotiate (as and
if necessary) and conclude the contract with you against your above mentioned Bidding
Documents for the above goods manufactured by us.

No company or firm or individual other than Messrs. (name
and address of the above agent) is authorized to bid, negotiate and conclude the contract against this
specific Bidding Documents for the above mentioned goods manufactured by us.

We hereby extend our full guarantee and warranty as per terms and conditions of Contract,
read with modification, if any, in the Special Conditions of Contract for the goods and services
offered for supply against this Bidding Document by the above firm.

Yours faithfully,

[Signature, name and designation]

for and on behalf of Messrs.

[Name & address of the manufacturers]

Note: This letter of authorization should be on the letter head of the manufacturing firm and should be
signed by a person competent and having the power of attorney to legally bind the manufacturer.