

TENDER NOTICE

No. C-48021/01-14/2013-14/Air.Lab Tender-II/Mat.

"TENDER FOR – Supply & Installation of Data Acquisition and Handling Center"

Dated: 11.03.2014



**CENTRAL POLLUTION CONTROL BOARD
'PARIVESH BHAWAN'
C.B.D. CUM OFFICE COMPLEX
EAST ARJUN NAGAR
DELHI - 110 032.**

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Central Pollution Control Board
(Ministry of Environment & Forests)
"Parivesh Bhawan" East Arjun Nagar.
Delhi – 110032. India
Tel. Nos. 22308202, 43102030 – Extn.243 & 244

TENDER NOTICE

No.C-48011/01-13/2013-14/Air Lab. Tender-II/Materials. Dated. 11.03.2014

Sealed tenders are invited on behalf of the Member Secretary, Central Pollution Control Board from the manufacturer/supplier for the supply " Rack Server-4, 19" Industrial Rack, 42U , Color Black 3, USB 2 TB External Hard Disk-8, Windows Server 2012-4, Database-4, Online 2KVA UPS 3, Desktop-8, Microsoft Office Std. 2013 single OLP 8, Online 1KVA UPS 8, Professional LED Monitor-5, Air Conditioner-9, Stabilizer 5KVA 9, Firewall-4, -Unmanaged switch-4

02. The Tender Document along with detailed specifications of the systems/Items May be downloaded from CPCB website www.cpcb.nic.in

Sale of Tender Document - From 11.03.2014 to 26.03.2014 on all working days between 11.00 AM to 5.00 PM

Cost of Tender Document - By hand ₹ 500.00
(Tender fee only through pay order/DD)

Last date & time for submission - 27.03.2014 up to 11.00 AM

Opening date of Technical bids - 27.03.2014 at 11.30 AM

Bidder using downloaded tender forms must submit separate tender fee by Demand Draft along with technical bid drawn in favour of Central Pollution Control Board, Delhi. Details of tender document, terms & conditions and Technical Specification may kindly be seen at our website www.cpcb.nic.in.

Administrative Officer
(Material)

Central Pollution Control Board
(Ministry of Environment & Forests)
"Parivesh Bhawan" East Arjun Nagar.
Delhi – 110032. India

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Last date & time for submission - 27.03.2014 up to 11.00 AM

Opening of Technical bids - 27.03.2014 at 11:30 AM

03. Bidder can download tender forms and submit separate tender fee by Demand Draft along with technical bid drawn in favour of Central Pollution Control Board, Delhi.

04. Technical bids received by post after above mentioned date will not be entertained at any cost.

**Administrative Officer
(Material)**

TELEPHONE : 22308202, 43102030 Extn. 243, 244 & 245
FAX : 011-22307078, 22307079, 22308202
Website : www.cpcb.nic.in

1.0 GENERAL TERMS AND CONDITIONS

- 1.1 This document contains the following:
- i) Copy of the Local Competitive Bidding Notice
 - ii) General Terms and Conditions of Bid
 - iii) Terms and Conditions for Submission of Bid
 - iv) Payment Terms
 - v) Settlement of Dispute
 - vi) Application Form
 - vii) Undertaking
 - viii) Bid Form
 - ix) Schedule of Earnest Money to be deposited along-with Tender
 - x) Quantity of Instruments and Locations of delivery and installation.
 - xi) Pre-contract Integrating pact form
 - xii) Detailed specification of the systems.
 - xiii) Check List.
- 1.2 Documents/forms down loaded from the NET can be used. However, the additional sheets containing the same proforma may be used for each item. Each sheet including that provided by the Board with this document must be signed by the bidder. The price bid must be in the form provided herewith at Annexure-II.
- 1.3 The bid without tender fee will not be accepted
- 1.4 The Board takes no responsibility for delay or non receipt of Tender Document sent by post either way and also reserves the right to accept; or reject any or all the tenders in part or full without assigning any reason thereof.
- 1.5 No bid will be accepted after closing date. If closing date is extended than after extended closing date no bid will be accepted. Any extension shall be informed through website <http://cpcb.nic.in/Tenders.php>.
- 1.6 The bidder is expected to examine all instructions, forms, terms and conditions and specifications mentioned in the bidding document. Failure to furnish all information required by the bidding documents or submission of a bid not substantially irresponsive to the bidding document in every respect will be at the bidder's risk and may result in the rejection of it's bid.
- 1.7 This call of tenders does not bind the Central Board to place order. The Tenders submitted in response to this invitation can be rejected without assigning any reason.
- 1.8 The Board at its discretion may extend the last date of submission of tender and opening of tenders.

- 1.9 The final authority for acceptance of a Tender will rest with the Chairman, Central Pollution Control Board who does not bind himself to accept the lowest tender and is vested with the authority to reject any or all of the tenders received without assigning any reason.
- 1.10 Documents, literature, diagrams/leaflets, samples etc., enclosed in the tender shall become the property of the Central Board without any payment.
- 1.11 Under the warranty upon the receipt of such system/instrument supplier/agent shall within the period specified, repair/replace the defective material thereof at the ultimate destination. The supplier/agent shall take over the replaced parts/goods, in the event of any correction of defects or replacement of defective material. In such cases, the warranty for the corrected/replaced materials shall be extended till the left over period of warranty.
- 1.12 The Tender would be regarded as turned down, if no award of contract has been obtained till the expiry of the Tender validity. No separate communication will be made in this regard.
- 1.13 The items have to be supplied in standard packaging.
- 1.14 If the last date for sale, submission and opening of Tenders falls on any Government declared holidays, the next working day at the same time will be considered last dates of the same.
- 1.15 The bid shall contain no interlineations, erasures or overwriting words except as necessary to correct errors made by the bidder, in that case such correction shall be initialed by the person or persons signing the bid.
- 1.16 Late and delayed tenders will not be considered and shall be returned unopened to the Bidder.
- 1.17 It is advised that the outside suppliers should send the Tender through Registered Post/Speed post/Courier. However, the local supplier may drop their Tenders in Tender Box kept in Central Board for the purpose. In no case Tender should be handed over to any employee of the Board.
- 1.18 Canvassing in any form will disqualify the Bid.
- 1.19 Request for the Tender Document for bidding through e-mail, Telephone, Fax, E-Mail and Tele fax, money order shall not be entertained.
- 1.20 The Tender Notice No. **C-48021/01-14/2013-14/Air Lab. Tender-II./mat** (The item code number is given in the specification sheet against each item must be invariably be quoted in the bid for further correspondence in this regard).
- 1.21 All the Tenders should be addressed to:
THE ADMINISTRATIVE OFFICER (M)
Central Pollution Control Board
'Parivesh Bhawan'
East Arjun Nagar, Delhi - 110 032, India

2.0 SUBMISSION OF BID

- 2.1 The bid prepared by the bidder and all correspondence and documents relating to the bid exchanged by the bidder and the purchaser, shall be written in English language, provided that any printed literature furnished by the Bidder may be written in another language so long as accompanied by English translation of its pertinent passages in such case, for the purpose of interpretation of the bid, English translation shall govern.
- 2.2 The bid must accompany Annexure-I with Techno Commercial part of Bid along with DD of tender fee amount of Rs. 500/- and Annexure-II & III along with 'Price' part of the Bid duly filled in and signed by the Bidder along with the seal of the Firm.
- 2.3 The Bidders are requested to quote unit price excluding other prices like excise duty/CST/service tax/ST/VAT in item-wise and total price of each item separately indicating the Govt. levies, freight, insurance, installation charges and other expenditure item-wise F.O.R. CPCB/Locations as indicated in the Annexure – V of this document. No C/D form will be issued against VAT. Necessary excise duty exemption certificate as applicable will be supplied. The bidder is expected to examine the bidding documents carefully and are deemed to have received and read all documents. It shall be the responsibility of the bidder to request the copies of any missing documents. Failure to do so will be at bidders risks.
- 2.4 It may be noted that mere quoting lowest rates will not entitle any firm to get the order. The quality of the item being offered, the past performance supply etc will also be taken in to consideration. Prior to award of supply and installation order the buyer can call any details, explanation, regarding technical & financial aspect.

IMPORTANT

BIDDER CAN QUOTE THE RATES FOR ALL THE SYSTEMS/ITEMS OR FOR SOME OF THE SYSTEMS/ITEMS AGAINST THIS TENDER DOCUMENT.

TENDER FEE OF Rs. 500/- HAS TO BE SUBMITTED BY THE BIDDER IRRESPECTIVE OF BIDDER BIDDING FOR ONE ITEM OR BIDDING FOR ALL ITEMS MENTIONED IN THIS TENDER DOCUMENT.

SEALED SEPARATE PRICE BID CONTAINING PRICE BID SHEET (ENVELOPE NO. 1), TECHNICAL BID CONTAINING TECHNICAL DOCUMENTS & EMD (ENVELOPE NO. 2) SHOULD BE SUBMITTED FOR EACH ITEM SEPARATELY MENTIONING THE ITEM CODE, ITEM NAME ON THE TOP OF THE ENVELOPE (ENVELOPE NO. 3) WITH THE SENDER NAME & ADDRESS.

(ENVELOPE 3 WILL CONTAIN ENVELOPE NO. 1 & 2 SEPARATELY FOR EACH ITEM)

CPCB RESERVES THE RIGHTS TO ACCEPT THE TENDER IN FULL IN PART.

PLEASE DO NOT ENCLOSE THE EMD ALONGWITH THE ENVELOPE FOR PRICE BID. THE EMD ALONGWITH THE COMBINED BID WILL NOT BE CONSIDERED.

- 2.5 The Tender is to be submitted "single, stage- three envelopes system" i.e. the second sealed envelope will contain the Earnest Money Deposit full information required to judge pre-qualification, earnest money, complete details and specification of the SYSTEMS/ITEMS offered including the leaflets and catalogues, list of credentials with documentary evidence i.e., supply and installation/order etc., Income Tax Clearance Certificate, PAN No.,

Vat/Sales Tax Registration No., Affidavit for not being black listed, Commercial Terms & Conditions etc.

It shall be marked "**Pre-qualifications, technical and commercial Bid C-48021/01-14/2013-14/Air Lab. Tender-II./mat for supply of "Items Name and Item Code No."**". The Third envelope will contain only price quoted by the bidder in the form given at Annexure -II of this document and shall be clearly marked "**Price Bid C-48021/01-14/2013-14/Air Lab. Tender-II./mat**". Both the above envelopes must be separately sealed and shall be kept in one envelope bearing the address of Central Pollution Control Board and superscribed with bold letter "**TENDER FOR – Supply & Installation of Data Acquisition and Handling Center**". The senders address should be mentioned in all envelopes.

- 2.6 Technical & Commercial part of the tender will be opened on due date in the office of the Central Board in presence of the Representative of the Tenderers who would like to be present. Sealed Price part of Technically and Commercially acceptable tenders will be opened at a later date which will be communicated by the Board on the same day or on a later date.
- 2.7. The bid security shall be in the form of Demand Draft/Pay order only in favour of "CENTRAL POLLUTION CONTROL BOARD" payable at DELHI. No Earnest Money shall be accepted in any other form. The Earnest Money shall be forfeited if a bidder withdraws or amends the tender in any respect within the period of validity of this tender or fails to supply the system/items within the specified period in the tender document. Tender shall not be entertained where a Tenderer has not furnished adequate earnest money in the Prescribed and acceptable form. In case the instrument supplied is found defective and not attended by the bidder, the Earnest Money deposited by the bidder will also be forfeited.
- 2.8 The Firm who seek exemption from depositing earnest money being small scale industry or being registered with NSIC , DGS&D and other Government agencies which entitles them for exemption must submit the valid Registration Certificate cover the instrument offered by them along with the permissible value.
- 2.9 The copy of Government Notification granting exemption from deposit of EMD must be submitted along with the techno- commercial part of tender along with the bid. (EMD Exemption will be granted only to those items specified in the certificate of Registration).
- 2.10 Unsuccessful bidders EMD will be returned without any interest after the concerned purchase is finalized and that of successful bidders will be returned without interest after successful installation and commissioning of the items.
- 2.11 The validity of Tender would be for a minimum period of **120 days** from the date of opening of Tenders. A Bid valid for a shorter period may be rejected by the Board as non responsive. In case, the validity to be extended, the Board may solicit the Bidder's consent to an extension on the period of validity and the bid shall remain valid for the extended period mutually agreed for.
- 2.12 The rates should be quoted both in words and figures.
- 2.13 Arithmetical error will be rectified on the following basis:- If there is discrepancy between the unit price and total price that is obtained by the multiplying the Unit Price and quantity, the unit price shall prevail and the total price shall be corrected. If there is discrepancy between words and figures, the amount mentioned in words will prevail.
- 2.14 Tenders not in proper sealed cover or received through/E-mail/Fax/telefax will not be entertained.

- 2.15 Conditional Tenders will be rejected without assigning any reason.
- 2.16 The Bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person duly authorized to the Contract. The letter of authorization should bear the signatures of only the authorized person of the firm. All pages of the Bid, except for un-amended printed literature shall be initial by the person or persons signing the bid.
- 2.17 To assist in the examination, evaluation and comparison of bids the buyer may, at its discretion, ask the Bidder for a clarification of its bid. However, no change in the price or substance of the bid shall be sought, offered, re-permitted.
- 2.18. Eventual suggestions for modification or subsidiary Tenders are principally not admissible.
- 2.19 The specification are clearly mentioned in the document and the Bidder are requested to submit Bid only if their offer strictly comply to these specifications. Please note that no deviation in the required specification will be permitted. The bidding for the systems/items having different specification will be on Bidder's risk as the Board will not entertain such Bids. BIDS CARRYING THE STATEMENT LIKE "SPECIFICATION AS PER TENDER DOCUMENT" SHALL NOT BE ENTERTAINED. THE PRODUCT SPECIFICATIONS SUPPORTED BY TECHNICAL LITERATURE, MUST BE ENCLOSED.
- 2.20 The placement of supply and installation order will be according to technical evaluation of the Tender and after consideration of its price worthiness.
- 2.21 The price to be given in the Tender are fixed prices, irrespective of rise in Materials prices and increase in taxes etc., till complete delivery of items . No request in regard to increase in the price of systems/items or in taxes etc., will be entertained after the submission of the tender.
- 2.22 **The supplier should attach a blank copy of financial bid (without cost/price figures) along with the technical bid to assess the items included/components quoted in the bid.**
- 2.23 The nomenclature of the systems/items and spares will be invariably same in Proforma Invoice, Invoice, Packing list and in other relevant papers incase the Bidder is asked to supply the systems/items against its offer.
- 2.24 With the submission of the Tender, the Bidder accepts the conditions of the Tender.
- 2.25 The installation of the systems/items is the entire responsibility of the supplier. It must be done either by the principal/supplier or their authorized agents within one month of the receipt of the instruments by the Board. The supplier or Agent should be in touch with the Materials Section of the Board to know the exact day of receipt of stores supplied/dispatched by them.
- 2.26 If the instrument supplied is not in conformity with the specification other than asked for, it will have to be replaced at the risk and cost of the supplier. No freight and other charges will be paid by the Board.
- 2.27 The list of system/items, their approximate quantity and point of delivery is given at Annexure-V and the detailed specification of the systems/items are given in the tender document. The quantity mentioned in the tender document may be increased /decreased at the discretion of the Competent Authority in the Central Board without assigning any reason.

- 2.28 Each and every folio of the Tender must be signed by the Bidder.
- 2.29 Bidder can quote the rates for all the systems/items or some of the systems/items. The Bid shall be considered only for those systems/items for which the EMD, Technical bids and price bids are quoted as specified. The Board further reserves the right to accept the Tender for all the systems/items or some of the systems/items for which the bidder has quoted the Bid.**
- 2.30. **DELIVERY OF ITEMS** : The systems/items for which Tenders are invited will have to be supplied within maximum **60 days** from the date of issue of supply & installation order. In case of non observance of the delivery period, the supply and installation order will be cancelled.
- 2.31 The after sales service is most important to be considered for comparison bids. The firms who do not have local Agents to provide after sales and service during warranty period will not be considered.
- 2.32. If the systems/items supplied is found defective/unsatisfactory condition/short supply/other than specifications in the Supply and installation Orders, the same will have to be replaced at the suppliers risk and cost. No freight and other charges for replacement will be paid by the Board.
- 2.33 At any time prior to the deadline for submission of bids the buyer may for any reason whether at it's own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding documents by an amendment.
- 2.34 The Amendment if any, will be brought to the notice in writing or through website of CPCB or by fax to all concerned Bidders and will be binding on them.
- 2.35 In order to afford prospective Bidder reasonable time in which to take the Amendment into account in preparing their bids, the supply and installation may at its discretion, extend the deadline for the submission of bids.
- 2.36 The prices must be quoted item-wise i.e. basic price, taxes, packing forwarding, handling and installation charges etc. The charges must be quoted clearly and not in vague terms like "As Actual" "Approx" etc.
- 2.38 If according to the Bidder, the Tendered Documents contain unclear points which could influence price calculations, the bidder has to inform the authority who is issuing the call of Tenders before submission of his Tender, either in writing or by fax even if he has pointed out this earlier in any other form/reference.
- 2.39 The Packing, Forwarding, Insurance, Transportation & Installation including training charges if any must be quoted separately for each item according to the place of delivery as mentioned in the schedule at Annexure-V. The supplier will be held liable for any damage, theft or loss during transit. The systems/items are to be dispatched to the respective places directly and to be installed there by the supplier under intimation to the, CPCB Office at Parivesh Bhawan, Delhi-32. The prices should be quoted FOR CPCB/designated location mentioned in annexure-V.
- 2.40 The warranty/guarantee of the systems/items should be clearly mentioned in the Bid.
- 2.41** Prior to placing supply and installation order, in case the buyer desires to inspect the stores/ systems/items including demonstration, should be arranged by the supplier.

2.42 MOST IMPORTANT

PLEASE NOTE THAT ANNEXURE-I OF THIS DOCUMENT MUST BE ENCLOSED WITH THE FIRST PART OF BID i.e. "TECHNICAL/COMMERCIAL BID AND TENDER FEE WHILE ANNEXURE-II, III SHALL BE KEPT IN THE SECOND PART OF BID i.e. PRICE BID.

2.43 PLEASE NOTE THAT THERE IS NO NEED TO ENCLOSE THE ENTIRE TENDER DOCUMENT (SUPPLIED BY THE BOARD) WITH YOUR BID. ONLY ANNEXURE-I,II AND III NEED TO BE ENCLOSED AS PER INSTRUCTION STIPULATED IN RELEVANT PARAGRAPHS OF THIS BID.

2.44 The firm who-so-ever getting the award/supply and installation order should sign and submit a Pre-integrity pact with the buyer as per the Ministry of Finance, Deptt. Of Expenditure OM No.14(12)/2008/E-II (A) dt.19.7.2011 & MOEF OM No. 4/Director (FF)2011 dt.24.8.2011 (format attached as Annexure – VI) of this tender documents within 07 days time.

3.0. PAYMENT CONDITIONS

3.1 **For Items other than software:** Full payment will be released on delivery, installation and successful commissioning of the systems/items (to be certified by concerned Incharge of the Division, and on submission of bills in duplicate) and on **furnishing performance Bank Guarantee for 10% of the supply & installation order** valid for a period of **60 days beyond the warranty period of systems/items supplied and installed.**

3.2 **For software Items:** In case of software delivery mentioned against Item Code ETS-4 (windows server 2012), ETS-5 (Database), ETS-8 (Microsoft Office Std. 2013 single OLP) **performance Bank Guarantee for 10% of the supply & installation value for these item codes** ETS-4, ETS-5 & ETS-8 should submitted and should be valid for a period of **60 days from the last date of actual installation of software at respective locations** and rest of the payment terms & conditions shall remain same as mentioned in point 3.1 above.

3.3 No advance payment will be made in any case and no proposal for documents through Bank will be considered. Hence, no preference will be given for such advance payment proposal. The defective, substandard and contrary to the specifications systems/items supplied have to be replaced by the supplier at their cost and responsibility.

3.4 In case several bills are presented, against one order, the reference of supply & installation order and other details should be mentioned in each and every bill.

4.0 SETTLEMENT OF DISPUTE, ARBITRATION

4.1 All disputes or difference arising out of or in connection with the contract and supply of any system/item assigned under the same (whether during the progress of the works or after their completion, determination, abandonment or breach of the contract) shall be settled in accordance with the Arbitration and Conciliation Act, 1996. The Arbitral Tribunal shall consists of three (3) arbitrators appointed by the Chairman, Central Pollution Control Board. The arbitrators shall elect an umpire among them. In case of failure of the two arbitrator appointed, to reach upon a consensus, the decision of the umpire shall be final and binding. It will not be an objection to any such appointment that the arbitrators are the Government Servants and had any interest in the Board or the contract entered into directly or indirectly. In all cases, the arbitrator shall state their reasons, award/decision in writing of an amount of claim in dispute is Rs.50,000/- and above, subject as aforesaid the provision of the Arbitration and Conciliation Act 1996 or any statutory modification or re-enactment thereof and the rules made there under and

for the time being in force shall apply to the arbitration proceedings under this clause. Arbitration proceeding shall be held at Delhi/New Delhi, India. The Cost and expenses of Arbitration proceedings shall be borne by the party invoking the Arbitration clause.

- 4.2 It is a term of the contract that the party invoking the arbitration shall specify the dispute for disputes to be referred to the arbitration under this clause together with the amount or amount claimed in respect of each such dispute.
- 4.3 It is also a term of the contract that if the supplier (s) do not make any demand for arbitration in respect of any claim (s) or dispute in writing within 90 days of submission of the final bill for payment, the claim of the supplier will be deemed to have been waived and absolutely barred and the Board will be discharged and released of all liabilities under the contract in respect of these claims.
- 4.4 The courts at Delhi shall have exclusive jurisdiction to entertain and try all matters arising out of this contract.

5.0 FORCE MAJEURE

Vendor shall not be considered in default if delay in delivery occurs due to causes beyond his control such as acts of God, natural calamities, civil, wars, strikes, fire frost, floods, riots and acts of usurped power. Only those causes which have a duration of more than 7 calendar days shall be considered cause of force majeure. A notification to this effect duly certified by the Local Chamber of Commerce/Statutory Authorities shall be given by the Vendor to the owner by registered letter. In the event of delay due to such cases a length of time equal to the period of force majeure or at the option of the owner the order may be cancelled. Such cancellation would be without any liability whatsoever on the part of owner. In the event of such cancellation the vendor shall refund any amount advanced or period to the vendor by the Purchaser and delivery back any material issued to him by the Purchaser and release facilities, if any, provided by the Purchaser.

“TENDER FOR – Supply & Installation of Data Acquisition and Handling Center”

S.No. No. **C-48021/01-14/2013-14/Air.Lab Tender-II/Mat.**

APPLICATION FORM

(To be filled by the bidder)

1.	Name and full address of the Bidder including Telegraphic Address/Telex No. and Fax No.	:	
2.	Name and Designation of the Head of the Firm/supplier and his Telephone No	:	
3.	i) In case the supplier is located out of Delhi; specify the Address/Authorized Distributor's or Agent's Address in Delhi, if any. ii) Name, Designation, Address Telephone & Fax Numbers of the Authorized Person who may be contacted during the process of the purchase concerned under this document (Applicable for all the suppliers)	:	
4.	Item Code Number(s) & description of item quoted for	:	
5.	Whether Earnest Money Deposited (Amount: Rs.	:	
6.	If yes, Demand Draft No, Date and Name of issuing Bank.	:	
7.	Tender fee Demand Draft No; Date and Name of issuing Bank	:	
8.	Validity of Tender	:	
9.	If the tender documents are accepted in full (Yes or No)	:	
10.	Income Tax Clearance Certificate attached (Latest) (Yes or No) with PAN Number.	:	
Place Date			
Legally Binding Signature with stamp			

BID FORM**"TENDER FOR – Supply & Installation of Data Acquisition and Handling Center"****No. C-48021/01-14/2013-14/Air.Lab Tender-II /Mat.**

Details showing quantity, specification and other details of the system/item offered
(to be filled by the bidder and must be kept in "Price Bid" part of the Tender)

Sl.No and Item code Number of systems/items as per our tender Document	Name of systems/ite ms	The Specification offered by the Bidder	Difference in Specifications of tender document and that of Bid, if any	Quantity	Unit Price (in Rupees excluding rates at col. no. 7)	Taxes and other expenditures (Sales Tax, C.S.T, freight, cost of installation & training (in case of indigenous items)etc.	Total Amount in Rupees FOR CPCB/ Locations
1	2	3	4	5	6	7	8

NOTE:- If this sheet is not sufficient to accommodate the bid the additional sheets containing the same proforma but all such sheets including this one must be signed by the Bidder along with the seal. This Annexure must enclose in the Proforma Invoice price bid for item wise. Separate Bid forms should be attached against each item, quoted for.

Administrative Officer (Material)

Signature with date & stamp of the bidder

UNDERTAKING

DATE _____

TENDER NOTICE NO. **No. C-48021/01-14/2013-14/Air.Lab Tender-II/Mat.**
"TENDER FOR – Supply & Installation of Data Acquisition and Handling Center"

THE CHAIRMAN

Central Pollution Control Board
 (Ministry Of Environment & Forests, Government Of India)
 C.B.D. Cum Office Complex
 East Arjun Nagar, Delhi - 110 032.

Sir,

Having examined the conditions of Tender Document and specifications of the systems, the receipt of which is hereby acknowledged. We, the undersigned, offer to supply, delivery and install the following:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13
- 14.

(Please add additional pages, if required)

The above supply, installation shall be in conformity with the specifications and conditions of supply.

We undertake, if our bid is accepted to deliver the systems quoted by us, we shall deliver and install within the period indicated by CPCB in the tender document.

We agree to abide by this bid for a period of 120 days from the date fixed for Bid opening and it shall remain binding upon us and may be accepted at any time before expiry of that period.

We are submitting a Demand Draft/Pay order for Rs.....in favour of "Central Pollution Control Board", Delhi towards the Earnest Money Deposit* and a Demand Draft of Rupees 500/- (Rs. Five hundred Only) towards tender document fee.

This Bid, together with written acceptance (by the representative of the firm) thereof in notification of award shall constitute a bidding contract between us.

We understand that CPCB is not bound to accept the lowest or any bid may be received by CPCB.

Dated this.....day of.....2014

Signature of authorized Person, Name with Stamp & full Address.

*Note: - (separate EMD amount for separate item should be quoted whether bid is made for some items or for all items)

Central Pollution Control Board
“TENDER FOR – Supply & Installation of Data Acquisition and Handling Center”
TENDER NOTICE NO. No. C-48021/01-14/2013-14/Air.Lab Tender-II/Mat.

SCHEDULE OF EARNEST MONEY DEPOSIT (EMD)

Item Code	Instrument / Equipment	Quantity Requirement	EMD (in ₹)
ETS- 1.	Rack Server	4	24000.00
ETS- 2.	19" Industrial Rack, 42U , Color Black	3	5850.00
ETS- 3.	USB 2 TB External Disk	8	1680.00
ETS- 4.	Windows Server 2012	4	6600.00
ETS- 5.	Database	4	18000.00
ETS- 6.	Online 2KVA UPS for Server	3	2700.00
ETS- 7.	Desktop	8	10800.00
ETS- 8.	Microsoft Office Std. 2013 Single OLP	8	4800.00
ETS- 9.	Online 1KVA UPS for Desktops	8	3600.00
ETS- 10.	Professional LED Monitor	5	7500.00
ETS- 11.	Air Conditioner	9	8100.00
ETS- 12.	Stabilizer for 2 ton Air Conditioner	9	2430.00
ETS- 13.	Firewall	4	24000.00
ETS- 14.	Unmanaged switch	4	420.00
		Total	₹120480/-

LOCATION OF DELIVERY AND INSTALLATION

Development of DAHC (Data Acquisition and Handling Center) in
Three SPCBs (Gujarat, Maharashtra and Tamil Nadu) and in CPCB, Delhi

“TENDER FOR – Supply & Installation of Data Acquisition and Handling Center”
TENDER NOTICE NO. **No. C-48021/01-14/2013-14/Air.Lab Tender-II/Mat.**

Item No.	Item Description					
		CPCB	GPCB	MPCB	TNPCB	Total
ETS- 1.	Rack Server	1	1	1	1	4
ETS- 2.	19" Industrial Rack, 42U , Color Black	1	1	0	1	3
ETS- 3.	USB 2 TB External Hard Disk	2	2	2	2	8
ETS- 4.	Windows Server 2012	1	1	1	1	4
ETS- 5.	Database	1	1	1	1	4
ETS- 6.	Online 2KVA UPS for Server	1	1	0	1	3
ETS- 7.	Desktop	2	2	2	2	8
ETS- 8.	Microsoft Office Std. 2013 Single OLP	2	2	2	2	8
ETS- 9	Online 1KVA UPS for Desktops	2	2	2	2	8
ETS- 10.	Professional LED Monitor	2	1	1	1	5
ETS- 11.	Air Conditioner	2	3	1	3	9
ETS- 12.	Stabilizer for 2 ton Air Conditioner	2	3	1	3	9
ETS- 13.	Firewall	1	1	1	1	4
ETS-14.	Unmanaged switch	1	1	1	1	4

Locations:

1. Central Pollution Control Board	Parivesh Bhawan, East Arjun Nagar, Shahadra, Delhi 110032
2. Gujrat State Pollution Control Board	Paryavaran Bhawan, Sector 10-A Gandhi Nagar – 382010
3. Tamil Nadu State Pollution Control Board	No. 76, Mount Salai, Guindy, Chennai - 600032
4. Maharashtra State Pollution Control Board	Kalpataru Point, 3 rd & 4 th Floor, opp. Cine Planet, Near Sion Circle Mumbai - 400022

PRE CONTRACT INTEGRITY PACT

General

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made onday of the month of2014, between, CPCB, An autonomous body acting through Shri, (Designation of the officer, Ministry/Department, Government of India) hereinafter called the “BUYER”, which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns of the First Part and M/s..... represented by Shri....., Chief Executive Officer (hereinafter called the “BIDDER / SELLER” which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

WHEREAS the BUYER proposes to procure (Name of the Stores/Equipment/Item) and the BIDDER/Seller is willing to offer/has offered the stores and

WHEREAS the BIDDER is a private company/public company/Government undertaking/partnership/registered export agency, constituted in accordance with the relevant law in the matter and the BUYER CPCB work under the aegis of Environment & Forests, performing its functions as per the provisions of Water Act 1974, Air Act ,1981 and EPA Act, 1986.

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to :-

Enabling the BUYER to obtain the desired said stores/equipment at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling BIDDERS to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the BUYER will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

Commitments of the BUYER

- 1.1 The BUYER undertakes that no official of the BUYER, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.
- 1.2 The BUYER will, during the pre-contract stage, treat all BIDDERS alike, and will provide to all BIDDERS the same information and will not provide any such information to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to other BIDDERS.
- 1.3 All the officials of the BUYER will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.

2. In case any such preceding misconduct on the part of such official(s) is reported by the BIDDER to the BUYER with full and verifiable facts and the same is prima facie found to be correct by the BUYER, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BUYER and such a person shall be debarred from further dealings related to the contract process. In such a case while an inquiry is being conducted by the BUYER the proceedings under the contract would not be stalled.

Commitments of BIDDERS

3. The BIDDER commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:-
 - 3.1 The BIDDER will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.
 - 3.2 The BIDDER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the Government for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the Government.
 - 3.3* BIDDERS shall disclose the name and address of agents and representatives and Indian BIDDERS shall disclose their foreign principals or associates.
 - 3.4* BIDDERS shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid/contract.
 - 3.5* The BIDDER further confirms and declares to the BUYER that the BIDDER is the original Manufacturer/System Integrator/authorized government sponsored export entity of the defence stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the BUYER or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.
 - 3.6 The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the BUYER or their

family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.

- 3.7 The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.
- 3.8 The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 3.9 The BIDDER shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.
- 3.10 The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- 3.11 The BIDDER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
- 3.12 If the BIDDER or any employee of the BIDDER or any person action on behalf of the BIDDER, either directly or indirectly, is a relative of any of the officers of the BUYER, or alternatively, if any relative of an officer of the BUYER has financial interest/stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filling of tender.
- 3.13 The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the BUYER.

4. Previous Transgression

- 4.1 The BIDDER declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify BIDDER's exclusion from the tender process.
- 4.2 The BIDDER agrees that if it makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

5. Sanctions for Violations

- 5.1 Any breach of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle the BUYER to take all or any one of the following actions, wherever required:-

- (i) To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER (s) would continue.
- (ii) The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Bond (after the contract is signed) shall stand forfeited either fully or partially, as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.
- (iii) To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.
- (iv) To recover all sums already paid by the BUYER, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER from the BUYER in connection with any other contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.
- (v) To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the BUYER, along with interest.
- (vi) To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/rescission and the BUYER shall be entitled to deduct the amount so payable from the money (s) due to the BIDDER.
- (vii) To debar the BIDDER from participating in future bidding processes of the Government of India for a minimum period of five years, which may be further extended at the discretion of the BUYER.
- (viii) To recover all sums paid in violation of this Pact by BIDDER (s) to any middleman or agent or broker with a view to securing the contract.
- (ix) In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BUYER with the BIDDER, the same shall not be opened.
- (x) Forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

5.2 The BUYER will be entitled to take all or any of the actions mentioned at para 6.1 (i) to (x) of this Pact also on the Commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of an offence as defined in Chapter IX of the Indian Penal code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.

5.3 The decision of the BUYER to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the Independent Monitor (s) appointed for the purposes of this Pact.

6. **Fall Clause**

6.1 The BIDDER undertakes that it has not supplied/is not supplying similar product/systems or subsystems at a price lower than that offered in the present bid in respect of any other Ministry/Department of the Government of India or PSU and if it is found at any stage that similar product/systems or sub systems was supplied by the BIDDER to any other Ministry/Department of the Government of India or a PSU at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to the BUYER, if the contract has already been concluded.

7. **Independent Monitors**

7.1 The BUYER has appointed Independent Monitors (hereinafter referred to as Monitors) for this Pact in consultation with the Central Vigilance Commission (Names and Addresses of the Monitors to be given).

7.2 The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.

7.3 The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.

7.4 Both the parties accept that the Monitors have the right to access all the documents relating to the project/procurement, including minutes of meetings.

7.5 As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he will so inform the Authority designated by the BUYER.

7.6 The BIDDER(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the BUYER including that provided by the BIDDER. The BIDDER will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor shall be under contractual obligation to treat the information and documents of the BIDDER/Subcontractor(s) with confidentiality.

7.7 The BUYER will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the parties. The parties will offer to the Monitor the option to participate in such meetings.

7.8 The Monitor will submit a written report to the designated Authority of BUYER/Secretary in the Department/ within 8 to 10 weeks from the date of

reference or intimation to him by the BUYER / BIDDER and, should the occasion arise, submit proposals for correcting problematic situations.

8. **Facilitation of Investigation**

In case of any allegation of violation of any provisions of this Pact or payment of Commission, the BUYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

9. **Law and Place of Jurisdiction**

This Pact is subject to Indian Law. The place of performance and jurisdiction is the seat/place of the BUYER.

10. **Other Legal Actions**

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

11. **Validity**

11.1 The validity of this Integrity Pact shall be from date of its signing and extend upto 5 years or the complete execution of the contract to the satisfaction of both the BUYER and the BIDDER/Seller, including warranty period, whichever is later. In case BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract.

11.2 Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intentions.

12. The parties hereby sign the Integrity Pact at
.....on.....

BUYER

BIDDER

Name of the Officer.
Designation
Deptt./ MINISTRY/PSU

CHIEF EXECUTIVE OFFICER

Witness

Witness

1.....
2.....

1.....
2.....

Technical Specification RACK SERVER

Sr.No	Specifications	
1.	CPU	Single Intel Xeon Quad Core 5600 series 2.40 GHz or higher, 12MB L3 Cache per socket or higher, 1333 MHz/1600 FSB.or latest. The Mother Board shall support Dual Sockets.
2.	Memory	32 GB (32 GB support for each CPU) DDR-III, 1066MHz, ECC Memory, upgradable to 64 GB
3.	Chipset	Intel 5520 or higher
4.	HDD	6*1 TB SATA or 3*2 TB SATA
5.	Ethernet Port	2 *Dual port Gigabit NIC Cards with autosensing and on copper (total 4 ports). All four ports supporting iSCSI protocol to connect to iSCSI based SAN storage
6.	PCI Slots	Provision for 2 *PCI express, 2 *PCIe X2, or more Slots to accommodate additional FC / Gigabit Cards Graphics Adaptors
7.	CTD	Internal / external 2 TB
8.	Optical Drive	DVD R/W 16X Drive, External USB based
9.	Form Factor	2U rack model with rail kit
10.	Key board	Standard Keyboard same as OEM
11.	Mouse	Standard Optical Mouse same as OEM
12.	I/O ports	4 *USB ports, 1 VGA Port, 1 external SAS, 1* Serial, 1 *DVI
13.	Monitor	21" Wide LCD TFT Color monitor
14.	RAID Controller	RAID 5
15.	Wireless adapter	USB Wireless adapter x 2 nos.
16.	Antivirus	Standard Antivirus (McAfee / Norton / Trend Micro) for duration of 3 years
17.	Redundant Power Supply & Fans	Redundant Power Supply 1+1, Redundant Fans
18.	Warranty	Warranty is comprehensive 24x7 on site including spares for 3 / 3 / 3 years with 4 hours support

Technical Specifications: 42U Industrial Rack

Sr. No	Specifications	QTY / site
1	19" Industrial Rack, 42U , Color Black Consisting of:-	1
2	Steel Enclosure, 9 Folded profile of dimensions 800 mm width * 1000 mm Depth * 42 U height, supporting 1000 Kgs load. Bottom cover with knock out holes for cable entry to be provided. Three pairs of horizontal support shall be fitted on both right and left sides.	1
3	Front & Rear Door shall be of 100% perforated with three point locking system. Provision for mounting fans on Rear door with concealed AC wiring.	2
4	Fan 230V, 90 CFM to be mounted on Rear Door.	4
5	AC Main Channel vertical, 12x 5/15 Amps Sockets Make: Anchor with 32 Amps MCB make : Northwest	2
6	Horizontal Cable Manager	2
7	Vertical Cable Manager	2
8	Copper based Electrical Grounding / Earthing Strip . Provision for Fifteen (15) points.	1 Set
9	Each set of:	1 Set
	a) Castor with Brake -- 2 Nos.	
	Castor without Brake -- 2 Nos. OR	
	b) Adjustable screw legs --4 Nos. OR	
	C) Base frame – 1 No.	
	Base frame -- 1 NO.	
10	Light provision activation in the rack up on opening of the front/rear door.	1
11	H/W Packet of 20 Sets.	2
12	Eye bolts on the top for lifting the rack	4

If anything required to setup the system, vender need to have provision at the time of quoting.

Item No.: ETS - 3

Technical Specifications: USB 2 TB External Disk

USB 3.0 compliant 2 (Two) TB External Expansion Disk

Capacity : 2 TB
Connectivity : USB 3.0
Form Factor : Desktop
OS Supported : Windows 7 and Above
External Power Required : No
Warranty : 3 Years Warranty

Item No.: ETS - 4

Technical Specifications: Windows Server 2012

Windows Server 2012

Microsoft Windows Server 2012 (Standard) -2 licenses
--

Technical Specifications: Database Software

Database Software*

The Database software should be compatible for the Windows Server 2012

1. MS SQL Server for 1 CPU, 4 core (latest version) with 2 licenses

Or

2. **Oracle** for 1 CPU, 4 core each (**latest version**) with 2 licenses

****to be decided by the software developer who would be given the responsibility of developing software for CPCB. However, the vendor can quote the rates as per the specification above. Efforts will be made to award the supply and installation order for the database software within the validity period of 120 days.***

Item No.: ETS - 6

Technical Specification: Standalone 2KVA Online UPS (1 hour battery backup)

Sr.No	Specifications	
1	Capacity	2 KVA for 1 hour battery backup (Surge Protection)
2	Input Frequency	50 Hz \pm 6%
3	Input Voltage range	160 – 280 V
4	Output Voltage Tolerance	< \pm 5%
5	Output Voltage	230 V
6	Protection	Short Circuit, Overload, Low Battery etc.
7	Output Waveform	True Sine Wave
8	Bypass	Built-in Bypass (Automatic and Manual)
9	Battery	Sealed maintenance free batteries
10	Cabinet	Battery bank in covered cabinet of MS Powder Coated
11	Warranty	3 years Comprehensive onsite including spares

Technical Specification: Desktop Computer System

Sr.No	Specifications	
1	CPU	Intel® Core i7 (3 GHz, 8 MB cache, 4 cores) or higher
2	Memory	4 GB DDR-III, 1066MHz, Expandable to 8 GB
3	Ethernet ports	Dual Gigabit Ethernet ports with autosensing bidder can provide 2nd NIC card on PCI , Autosensing is to cater to 100/1000 Mbps speeds automatically and not a boot ROM
4	PCI Slots	Provision for additional cards, 2PCI, PClex1, PCIx16 (Total 4 slots)
5	Optical Drive	DVD R/W 16X Drive, Internal
6	HDD's	3.5" 500 GB, SATA drives
7	Power Supply	Standard suitable power supply
8	Key board	Optical Keyboard same as OEM
9	Mouse	Standard Optical Mouse same as OEM
10	I/O ports	4*USB,
11	Monitor	21" Wide LCD TFT Color monitor
12	Wireless adapter	USB Wireless adapter x 1 no.
13	OS support	Microsoft Windows 7 Professional
14	Antivirus	Standard Antivirus for duration of 3 years (from same manufacturer as server antivirus)
15	Warranty	Warranty is comprehensive on site including spares for 3 / 3 / 3 years

Item No.: ETS - 8

Technical Specification: Microsoft Office for Desktop

Sr.No	Specifications	
1	Microsoft Office Std.	Microsoft Office Std. 2013 Single OLP

Technical Specification: Standalone Online UPS 1 KVA (30 Minutes Backup)

Sr. No	Specifications	
1	Capacity	1 KVA for 30 minutes battery backup (Surge Protection)
2	Input Frequency	50Hz \pm 6%
3	Input Voltage range	160 – 280 V
4	Output Voltage Tolerance	< \pm 5%
5	Output Voltage	230 V
6	Protection	Short Circuit, Overload, Low Battery etc.
7	Output Waveform	True Sine Wave
8	Bypass	Built-in Bypass (Automatic and Manual)
9	Battery	Sealed maintenance free batteries
10	Cabinet	Battery bank in covered cabinet of MS Powder Coated
11	Warranty	3 years Comprehensive onsite including spares

Technical Specification: Professional LED Monitors

1. Display	:	In between 39 to 42 inch screen size
2. Technology	:	60Hz (Backlight) Panel Technology
4. Resolution	:	1920x1080
5. Brightness	:	250 cd/m2 or better
8. Contrast Ratio	:	4000:1 (Typical) or better
9. Response Time	:	10ms or better
10. Connectivity		
	•	Composite, Stereo Mini Jack, USB, RCA/RF
	•	Stereo Mini Jack
	•	External control : RS232C (In/Out), RJ45 (built in LAN card)
	•	Should control display with both Ethernet /RS 232 remote control simultaneously
11. Power		
	•	Power Supply: AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	•	Power Consumption (Typical/Max): 100 W / 150 W
	•	Power Consumption (Standby) : Less than 5 W
12. Environmental Conditions		
	•	Operating Temperature: 32~104°F
	•	Operating Humidity: 10~80%
13. Features		
	•	Built-In Speakers (10W + 10W) or better , USB port (Plug and Play), PIP/PBP
	•	Built-in Tuner
	•	Embedded Linux OS, 4 GB FDM
	•	VESA Wall Mount
	•	Embedded Media Player : should enable unit as a standalone unit without the need of additional players.
14. Bezel Width	:	.75" (Bottom .100") or less
15. Weight	:	Product Weight: not more than 25 lb.
16. Warranty	:	3 Yrs. Onsite includes Parts/Labor
17. Accessories		
	•	Quick Setup Guide, Warranty Card, Application CD, D-Sub Cable, Power Cord, Remote Controller, Batteries
	•	Wall Mount and Table stand both
18. Standards	:	Green Management standards compliant
	•	Energy Star 5.0 Compliant
	•	RoHS Compliant
	•	Emission Standard: EMC

Technical Specification: Air Conditioner (2 Ton Capacity)

Sr.No	Specifications	
1	Type	Split
2	BEE Star Rating	3 or more star rating
3	Capacity (Ton)	2
4	Compressor	High EER Rotary
5	Operation	LCD Remote
6	Warranty	3 Year Comprehensive Warranty including spares 5 years warranty on compressor (minimum)
7	With installations and commissioning.	

Item No.: Item ETS - 12

Technical Specification: Stabilizer for 2 ton Air Conditioner: 5 KVA

Stabilizer for 2 ton Air Conditioner: 5 KVA

Application : 2 TON AC

Rating : 5 KVA

Input voltage(volts) : 110-280

Output voltage (volts) : 220-240

Time delay(Min) : 10-15secs

High vol.c/o(volts) : 270

Low vol.c/o(volts) : 110

Cabinet housing : M.S | **Packing inner :** Blister

Warranty : 3 Year Comprehensive Onsite Warranty (minimum)

Technical Specification: Firewall, Rack mountable

Sr.No	Specifications	
1	Firewall throughput	Up to 750 mbps or higher
2	Concurrent sessions	10,000
3	Ports	5 fast Ethernet upgradeable to gigabit
4	Security	3DES/AES
5	Additional features	Content, URL filtering, SPAM filtering, VPN, Anti-virus etc.
6	Warranty	3 years Comprehensive onsite warranty (minimum)
7.	Console	Central Console to manage all appliances and capable to manage upto 15 such appliances in future
8.	Anti-virus through put	500 Mbps
9.	Reporting	Log analyser with 250 GB HDD or more

Item No.: ETS - 14

Technical Specification: Unmanaged switch (Rack mountable)

Minimum 8 port unmanaged fast / gigabit Ethernet Switch

Check list for the Bidder

1. Bid on original format of the tender only
2. Single EMD with a list of items quoted for.
3. Earnest Money or necessary documentary evidence for exemption of EMD with the part 1 of the bid.
4. Price bid must be Part-II of the bid in the form provided at Annexure II of the tender document
5. The Basic price, Taxes, Packing and forwarding handling, transportation insurance, installation charges etc. must be quoted clearly separately in the price bid only.
6. Do not use the terms As per Specification of Tender Documents' in respect of Systems/Items. There should be proper writeup of production quoted for supported with printed leaflets literature.
7. In case of bidder desirous to quote more than one item, he can do so by following the procedure mentioned in the document.
8. **With technical bid, the bidder should provide a copy of the price bid format (giving details of the items, accessories spares etc.) without specifying the price mentioned in annexure-II of this tender document.**