



राष्ट्रीय बैंक स्टाफ महाविद्यालय
NATIONAL BANK STAFF COLLEGE

लखनऊ
सेक्टर - एच,
एल.डी.ए. कॉलोनी,
कानपुर रोड,
लखनऊ - 226 012
फैक्स : 0522-2421035
फोन : 2421052, 2421041, 2421065
ई-मेल : nbsc@sancharnet.in

LUCKNOW
Sector-H
L.D.A. Colony,
Kanpur Road,
Lucknow 226 012
Fax : 0522-2421035
Phone : 2421052, 2421041, 2421065
e-Mail : nbsc@sancharnet.in

NBSC.LKO./

/DSS(PA Sys.)/2010-11

Date : 16 July 2010

Dear Sir

Extension of Bosch (Philips) Public address system (Model No. CCS 800) at NBSC, Lucknow

National Bank Staff College (NBSC) is intending to carry out the work of extension of existing Public Address System in the Conference Hall of its office premises situated at Sector - H, LDA Colony, Kanpur Road, Lucknow. Authorised Dealers of Philips Bosch Public Address System may submit offers in sealed envelope for the aforesaid work as per detailed specifications and Schedule of Quantities (S.O.Q) and requirements mentioned in the tender document.

Tender documents can be obtained from the office of the Principal, NBSC, Sec-H LDA Colony Kanpur Road, Lucknow, on any working day (Monday to Friday 09.30 to 5.00) from 16 July 2010 to 05 August 2010 on payment of non refundable amount of Rs.500/- (Rs. Five hundred only) or can be downloaded from website www.nbsc.in/ nabard.org. The firm downloading the application from the website will have to pay non refundable amount of Rs.500/- in form of DD at the time of submission of application form and tender document for the said work. Copy of authorised dealer certificate must be enclosed with quotation.

The sealed offer should be addressed to the Principal, NBSC, Sector - H, LDA Colony, Lucknow and should be superscribed with "Offer for Extension of Public Address System for NBSC, Sector - H, LDA Colony, Kanpur Road, Lucknow". The envelope should contain **Pay Order/ Demand Draft for Rs.15500/- drawn in favour of NBSC towards EMD**. Offers without the prescribed EMD shall be rejected. The offer should be submitted by hand not later than **3.30 p.m. on 06 August 2010**.

The firm should submit detailed brochures and specifications of the materials to be used for the project in the Schedule of Quantities (SOQ). Validity period of offer will be 90 days from the date of opening of offer. The work shall be completed in 30 days. The period shall be reckoned from the 10th day of acceptance of offer.

NBSC reserves the right to accept the work in part or whole of any firm/firms .

The Successful bidder shall execute an agreement with NBSC as per the standard format within 14 days from the date of acceptance of the offer.

Thanking you
Yours faithfully

Mukesh Vats
Asst General Manager



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सं.रा.बैं.स्टाफ महा.लख./

/डीएसएस(पीए सिस्टम)/ 2010-11 दिनांक 16 जुलाई 2010

प्रिय महोदय

राष्ट्रीय बैंक स्टाफ महाविद्यालय में सार्वजनिक सूचना प्रणाली (Public address system) बॉश (फिलिप्स) मॉडल संख्या CCS 800 का विस्तार

राष्ट्रीय बैंक स्टाफ महाविद्यालय, सेक्टर एच, एलडीए कॉलोनी, कानपुर रोड, लखनऊ में स्थित अपने परिसर के सम्मेलन कक्ष में स्थापित सार्वजनिक सूचना प्रणाली (Public address system) के विस्तार का कार्य करना चाहता है. बॉश (फिलिप्स) सार्वजनिक सूचना प्रणाली के प्राधिकृत डीलर, टेंडर दस्तावेज में उल्लिखित विस्तृत विशेषताओं व मात्राओं की अनुसूची के अनुसार उक्त कार्य के लिए मुहरबन्द लिफाफे में अपना प्रस्ताव प्रस्तुत कर सकते हैं.

टेंडर दस्तावेज प्रधानाचार्य, राष्ट्रीय बैंक स्टाफ महाविद्यालय, सेक्टर एच, एलडीए कॉलोनी, कानपुर रोड, लखनऊ के कार्यालय से किसी भी कार्य दिवस (सोमवार से शुक्रवार) को **16 जुलाई 2010 से 05 अगस्त 2010** (सुबह 09.30 बजे से शाम 05.00) बजे तक अवधि के दौरान रूपए 500/- की वापस न करने योग्य राशि के भुगतान करने पर प्राप्त किया जा सकता है अथवा इसे हमारी वेबसाइट [www.nbsc.in / nabard.org](http://www.nbsc.in/nabard.org) से डाउनलोड किया जा सकता है. वेबसाइट से दस्तावेज डाउनलोड करने वाले फर्म आवेदन पत्र प्रस्तुत करते समय रूपए 500/- की वापस न करने योग्य राशि चेक अथवा डी डी के माध्यम से जमा कर दें. कोटेशन के साथ प्राधिकृत डीलरशिप प्रमाणपत्र की प्रति आवश्यक रूप से संलग्न की जानी है.

सीलबन्द प्रस्ताव प्रधानाचार्य, राष्ट्रीय बैंक स्टाफ महाविद्यालय, सेक्टर एच, एलडीए कॉलोनी, कानपुर रोड, लखनऊ को संबोधित होने चाहिए व लिफाफे पर "राष्ट्रीय बैंक स्टाफ महाविद्यालय, सेक्टर एच, एलडीए कॉलोनी, कानपुर रोड, लखनऊ में सार्वजनिक सूचना प्रणाली (Public address system) का विस्तार" लिखा होना चाहिए. लिफाफे में प्रस्ताव के साथ राष्ट्रीय बैंक स्टाफ महाविद्यालय के पक्ष आहरित रूपए 15500/- की राशि की पे ऑर्डर / डिमाण्ड ड्राफ्ट EMD हेतु होना चाहिए. आपके प्रस्ताव दिनांक **06 अगस्त 2010** को अपराह्न 03.30 बजे तक या उससे पहले हमें प्राप्त हो जाने चाहिए.

फर्म मात्राओं की अनुसूची में परियोजना के लिए प्रयोग में लायी जाने वाली सामग्री का ब्रोशर व विशेषताएं का विस्तृत विवरण दें. प्रस्ताव की वैधता प्रस्ताव को खोलने की तिथि से 90 दिन होगी. यह कार्य 30 दिनों में पूरा किया होगा. इस अवधि की गणना प्रस्ताव की स्वीकृति की तिथि के 10 बाद से की जाएगी.

किसी भी अथवा सभी सीलबन्द कोटेशनों को स्वीकार करने अथवा अस्वीकार करने, किसी भी फर्म से पूरे / आंशिक रूप से कार्य करने का अधिकार राष्ट्रीय बैंक स्टाफ महाविद्यालय के पास सुरक्षित रहेगा.

सफल बोलीकर्ता को प्रस्ताव की स्वीकृति के बाद 14 दिनों के भीतर मानक फार्मेट में राष्ट्रीय बैंक स्टाफ महाविद्यालय से करार निष्पादित करना होगा.

भवदीय

मुकेश वत्स

सहायक महाप्रबंधक

TENDER for Supply, Installation, Testing and Commissioning for extension of Public Address (PA) system and integration with existing system (PHILIPS BOSCH MODEL NO.CCS 800 in Conference Hall
At
NATIONAL BANK STAFF COLLEGE, LUCKNOW

NAME OF TENDERER : _____

ADDRESS _____

The Principal
National Bank Staff College
Sector 'H'
LDA Colony
Kanpur Road
Lucknow-226012

This Tender consists of 28 pages.

TENDER NOTICE

Sealed tenders are invited for supply, installation, testing and commissioning and integration with existing system (S/I/T/C) of PA System **PHILIPS BOSCH MODEL NO. CCS 800** at Conference Hall, NBSC and to be completed within one (01) month.

Firms / Suppliers / Contractors having 03 (Three) Years experience in undertaking similar nature of work and having executed two or more similar type of works individually costing not less than Rs. 4.50 Lacs (Rupees Four Lacs fifty thousand Only) only need tender for the work.

Tender documents can be obtained from the office of the Principal, NBSC, Sec-H LDA Colony Kanpur Road, Lucknow, on any working day (Monday to Friday) from 16 July 2010 to 05 August 2010 on payment of non refundable amount of Rs.500/- (Rs. Five hundred only) or can be downloaded from website www.nbsc.in/ nabard.org. The firm downloading the application from the website will have to pay non refundable amount of Rs.500/- in form of DD at the time of submission of application form and tender document for the said work.

Tenderers meeting the requirement, mentioned as Special Conditions in the tender forms (General Instruction to Contractors and Special Conditions), need apply. The tender form will be issued only to those who furnish written information about the names and addresses of their bankers and clients with the description of work, year of execution, cost and the authority under whom it was executed alongwith documentary evidence of their experience. Tenders in prescribed forms, in duplicate, alongwith Earnest Money Deposit (EMD) of Rs. 15,500.00 (Rupees Fifteen Thousand Five Hundred Only) superscribing the description of the work "**PA SYSTEM PHILIPS BOSCH MODEL NO. CCS 800 at NBSC**" on sealed envelope and addressed by name to Principal, National Bank Staff College, Sector 'H', LDA Colony, Kanpur Road, Lucknow 226 012, will be received by the Bank upto **03.30 PM on 06 August 2010** and will be opened on the same day at 3.30 PM in the presence of the tenderers/authorized representative of the tenderers, who choose to be present. The NBSC reserves the right to accept the lowest or any tender or to reject all of them. Validity of tendered rates shall be for 90 (Ninety) days from the date of opening of the tenders received.

**DEPUTY GENERAL MANAGER
(ADMINISTRATION)**

NATIONAL BANK STAFF COLLEGE,
LUCKNOW

FORM OF TENDER

Place : Lucknow

Date :

The Principal
National Bank Staff College
Sector 'H'
LDA Colony
Kanpur Road
Lucknow-226012

Dear Sir,

Having examined the scope of contract, technical specifications and schedule of quantities relating to the works specified in the memorandum hereinafter set out and having visited and examined the site of the works specified in the said memorandum and having acquired the requisite information relating thereto as affecting the tender, I/We hereby offer to execute the works specified in the said memorandum within the time specified in the said memorandum at the rates mentioned in the attached schedule of quantities and in accordance with all respects with the specifications and instructions in writing referred to in conditions of tender, the Articles of Agreement, Special Conditions, Schedule of Quantities and General Conditions of Contract and with such materials as are provided for, by and in all other respects and in accordance with such conditions so far as they may be applicable.

Yours faithfully

(Signature of contractor)

Signature and address of witness

- 1.
- 2.

ARTICLES OF AGREEMENT

THE ARTICLES OF AGREEMENT made at Lucknow this _____ day of _____ 2010

BETWEEN

National Bank for Agriculture and Rural Development, a body corporate incorporated under the National Bank for Agriculture and Rural Development Act, 1981, having its Head Office at C-24, G Block, Bandra Kurla Complex, Bandra (East), Mumbai - 400 051 and having its Training College at National Bank Staff College, Sector 'H', LDA Colony, Kanpur Road, Lucknow-226 012 hereinafter referred to as the "NBSC" (which expression shall, unless repugnant to the context or meaning thereof be deemed to mean and include its successors and assigns) of the ONE PART represented by its Principal.

AND

M/s _____, a _____ incorporated and having its registered office at _____, hereinafter referred to as the "Contractor" (which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include their successor, liquidators, administrators and assigns) or the OTHER PART represented by its _____ authorised officials of the contractors vide resolution / authority letter / power of attorney dated _____.

WHEREAS NBSC is desirous of giving the work of Supply, Installation, Testing and Commissioning for extension of Public Address (PA) system and integration with existing system (PHILIPS BOSCH MODEL NO.CCS 800) in Conference Hall at NATIONAL BANK STAFF COLLEGE, LUCKNOW as per the specifications describing the material / work to be done, hereinafter referred to as the "Said Work".

AND WHEREAS the contractor has agreed to execute the said work subject to the terms and conditions hereinafter mentioned.

NOW THIS INDENTURE WITNESSETH AS FOLLOWS:

1) The contractor has agreed to excute the said work viz., Supply, Installation, Testing and Commissioning for extension of Public Address (PA) system and integration with existing system (PHILIPS BOSCH MODEL NO.CCS 800) in Conference Hall at NATIONAL BANK STAFF COLLEGE, LUCKNOW etc. Subject to provision contained hereinafter and subject to

- A) Scope of Contract
- B) General Instructions to Contractors
- C) Special conditions
- D) General conditions of the contract
- E) Technical Specifications

- F) Safety Code
- G) Schedule of Quantities
- H) Articles of Agreement

2. The Contractor hereby undertake to Supply, Installation, Testing and Commissioning for extension of Public Address (PA) system and integration with existing system (PHILIPS BOSCH MODEL NO.CCS 800) in Conference Hall at NATIONAL BANK STAFF COLLEGE, LUCKNOW hereinabove mentioned strictly in accordance with the Scope of Work and Technical Specification.
3. The NBSC shall pay the Contractor for the said work as per the mode of payment and in the manner specified in Clause 29 of the General Conditions of the contract and on the basis of actual measured quantities / items executed at the rates contained in the schedule of quantities.
4. The contractor shall make good any damages caused to walls, floors etc., on account of repair work after the completion of such works.
5. NBSC reserves to itself the right of altering the nature of work by adding to or omitting any item of work or having portions of the same carried out without prejudice to this contract.
6. The contractor shall commence the work within ten days from the date of issue of work order or from the date of handing over the site whichever is later and to complete the entire work within one month.
7. All payment by NBSC under this contract will be made only at Lucknow.
8. All dispute arising out of or in way connected with this contract shall be deemed to have arisen at Lucknow and Court in Lucknow only shall have jurisdiction to determine the same.
9. This article of agreement shall be executed in duplicate, the original shall be retained by the NBSC and the duplicate by the Contractor.
10. All letters and notices under or pursuant to these presents shall be hand delivered against acknowledgment or sent by registered post with acknowledgment due at the respective address mentioned below, any change in address shall be duly intimated by the concerned party to all others.
11. That the several parts of this contract have been read by the Contractor and fully understood by the Contractor.

SIGNED, SEALED AND DELIVERED by the National Bank Staff College on behalf of the National Bank for Agriculture and Rural Development by the hand of

Sri
The Principal
National Bank Staff College

Sector H, LDA Colony
Kanpur Road
LUCKNOW - 226 012

In the presence of

1.

2.

SIGNED, SEALED AND DELIVERED by the contractor by the hand of

Sri _____

In the presence of

1.

2.

GENERAL INSTRUCTIONS TO CONTRACTORS

1. Sealed item rate Tenders in duplicate should be addressed to The Principal, National Bank Staff College, Lucknow and superscribed "PA **PHILIPS BOSCH MODEL NO.CCS 800** System at NBSC" and sent so as to reach him not later than 3.30 PM on 06 August 2010. Contractor should clearly indicate on each copy of the tender under their full signature whether it is the original or duplicate copy.
2. No tender will be received after 3.30 PM on 06 August 2010 under any circumstances whatsoever.
3. (a) Tenders will be opened at 3.30 pm on the same day at his office by The Principal, National Bank Staff College, Lucknow or any other officer designated for this purpose by him in the presence of the contractors or their representatives, should they choose to be present.

(b) Tenders shall remain open to acceptance by the NBSC for a period of 90 days from the date of opening the tender which may be extended by mutual agreement and the tenderer shall not cancel or withdraw the tender during the period.

(c) The contractor must use only the forms issued by the NBSC to fill in the rates.
4. (a) The tender form must be filled in English and all entries must be made by hand and written in ink. If any of the documents is missing or unsigned the tender may be considered invalid by the NBSC at its discretion.

(b) Rate should be quoted in figures and words in the column specified. The contractor should quote the rates for each item. All erasures and alterations made while filling the tender must be attested by initials of the Contractors. Overwriting of figures is not permitted, failure to comply with either of these conditions will render the tender void at the NBSC's option. No advice of any change in rate or conditions after the opening of the tender will be entertained.

(c) Each of the tender documents should be signed by the person or persons submitting tender in token of his/their having acquainted himself/themselves with the general conditions, technical specifications, special conditions etc. as laid down. Any tender with any of the documents not so signed will be rejected.

(d) The tender submitted on behalf of a firm shall be signed by all the partners of the firm or by a partner who has the necessary authority on behalf of the firm to enter into the proposed contract. Otherwise the tender may be rejected by the NBSC.

5. The NBSC, does not bind itself to accept the lowest or any tender and reserves to itself the right to accept or reject any or all the tenders either in whole or in part, without assigning any reasons for doing so.
6. (a) Intending Contractors shall pay as earnest money a sum of Rs. 15,500/- (Rupees Fifteen thousand five hundred only) by way of Demand Bank Draft drawn on a Scheduled Bank and payable at Lucknow in favour of the National Bank Staff College. A tender which is not accompanied by the EMD amount will not be considered. The earnest money will be returned to the Contractor if his tender is not accepted but without any interest immediately after the finalisation of the work order.

(b) Under no circumstances earnest money deposit will be accepted in the form of fixed deposit receipts or Bank or Insurance guarantee or cheque.
7. The Earnest Money Deposit of Rs 15,500.00 by the successful contractor shall be held by the NBSC as security for the execution and due fulfillment of the Contract. No interest shall be paid on the said deposit.
8. On receipt of intimation from the NBSC of the acceptance of his/their tender, the successful Contractor shall be bound to implement the contract and within fourteen days thereof the successful tenderer shall sign an agreement on the lines of draft agreement but the written acceptance by the NBSC, of a tender will constitute a binding contract between the NBSC and the person so tendering, whether such formal agreement is or is not subsequently executed.
9. (a) In addition to the Earnest Money Deposit under clause 7 and as further security for the due fulfillment of the contract by the contractor, 5% of the value of work done will be deducted by the NBSC towards Retention Money Deposit (RMD) from each running account bill to be raised by the Contractor, until the retention money and the earnest money deposit together amount to 5% of contract value. Subject to what is contained in the Provision of clause 22 this 5% amount will be released by the NBSC after rectification of defects if any pointed out during defect liability period. The amount retained by the NBSC shall not bear any interest.

(b) All compensation or other sums of money payable by the Contractor to the NBSC under the terms of this Contract may be deducted from his earnest money and the Retention Money if the amount so permits and the Contractor shall, unless such deposit has become otherwise payable, within ten days after such deduction make good in cash the amount so deducted and such amount where the Earnest Money and the Retention Money falls short.
10. The Contractor shall not assign the Contract. He shall not sublet any portion of the Contract except with the written consent of the NBSC. In case of breach of these conditions, the NBSC may serve a notice in writing on the contractor rescinding the contract whereupon the security deposit shall stand forfeited to the NBSC, without prejudice to its other remedies against the contractor.

11. A schedule of probable quantities in respect of each item and specifications accompany these special conditions. The schedule of probable quantities is liable to alternation by omissions, deductions or additions at the discretion of the NBSC. Each tender should contain not only the rates but also the value of each item of work entered in a separate column and all the items should be totalled in order to show the aggregate value of the entire tender.
12. The Contractor must obtain for himself on his own responsibility and at his own expense all the information which may be necessary for the purpose of making a tender for entering into a contract and must examine the drawings and must inspect the site of the work and acquaint himself with all local conditions, means of access to and nature of the work and all matters pertaining thereto.
13. The rates quoted in the tender shall include all charges for hire charges for any tools and plants, marking out and clearing of site, as mentioned in the specifications. The rates shall also be deemed to be for the finished work to be measured at site. The rate shall also be firm and shall not be subject to exchange variations, labour conditions, fluctuations in freights or any conditions whatsoever. The Contractors must include in their rates, service tax, excise duty, octroi and any other tax and duty or other levy levied by the Central Government or any state Government or local authority, if applicable. No claim in respect of sales tax, excise duty, octroi or other tax duty or levy shall be entertained by the NBSC.
14. The contractor should note that unless otherwise stated, the tender is strictly on item rate basis and his attention is drawn to the fact that rates for each and every item should be correct, workable and self-supporting. The quantities in the schedule of quantities approximately indicate the total extent of work but may vary to any extent and may even be omitted thus altering the aggregate value of the Contract. No claim shall be entertained on this account.
15. Time allowed for carrying out the work as mentioned in the Memorandum shall be strictly observed by the contractor and it shall be reckoned from the 10th day after written order to commence the work is issued or from the site is handed over, whichever is later. The work shall, throughout the stipulated period of the contract, be proceeded with all due diligence and if the contractor fails to complete the work within the specified period, he shall be liable to pay compensation as defined in Clause 25 of the General Conditions of contract. The tenderer shall, before commencing work prepare a detailed work programme which shall be approved by the NBSC.
16. Tenders will be considered only from recognised bonafide contractors in the trade. Each Contractor shall submit with his tender a list of large works of a like nature he has executed giving details as to their magnitude and cost, the proportion of work done by the contractor in it and the time within which the works were completed.
17. Special attention of the contractor is drawn to the items in the schedule of probable quantities, the rates and amounts for these items shall be duly filled in and contractor is informed that his tender will not be considered unless the rates are given for these items. The NBSC reserves to itself the right to adopt any of the items either in scrutinsing

and deciding upon the tender or later when the works are being executed.

18. The contractor shall not be entitled to any compensation for any loss suffered by him on account of delays in commencing or executing the work, whatever the cause of delays may be, including delays arising out of modification to the work entrusted to him or in any sub-contract connected therewith or delays in awarding contracts for other trades of the project or in commencement or completion of such works or in procuring government controlled or other building materials or in obtaining water and power connections for construction purposes or for any other reason whatsoever and the NBSC shall not be liable for any claim in respect thereof. The NBSC does not accept liability for any sum besides the tender amount, subject to such variations as are provided for herein.
19. The successful Contractor is bound to carry out any items of work necessary for the completion of the job even though such items are not included in the schedule of quantities and rates. Schedule of instructions in respect of such additional items and their quantities will be issued in writing by the NBSC.
20. The successful Contractor must cooperate with the other contractors appointed by the NBSC so that the work shall proceed smoothly with the least possible delay and to the satisfaction of the NBSC.
21. The NBSC will provide power required for the work free of cost at a suitable point and the contractor shall make his own arrangement to carry the same as required. The contractor should ensure that the power facility provided by the NBSC is not wasted.
22. The security deposit of the successful Contractor will be forfeited if he fails to comply with any of the conditions of the contract.

Special conditions

- 1 The bidder should be a direct dealer, distributor or manufacturer of the product offered. In case of dealer/distributor a letter in original from manufacturer should be enclosed.
2. The brand and model offered should have been installed in Lucknow and nearby and satisfactory report from minimum three user Govt. Departments should be submitted alongwith name and telephone numbers of user departments, Engineers/Officers.
3. System manufacturer should have his office and service sector in India so that in case the dealers / distributor fails to provide service, the manufacturer should depute his engineers to provide services. A letter in original (from the manufacturer) should be submitted confirming this point.
4. All equipment offered should be of same make/ brand and bidder should confirm this in his technical bid.
5. A letter from manufacturer confirming that all spare parts required for offered system will be made available for next TEN years.

6. All warranty / guarantee given by the manufacturer for the equipment should be transferred to the NBSC. It shall be valid minimum one year from the date of virtual completion/commissioning of the system.

I/We hereby declare that I/we have read and understood the above instructions for the guidance to the Contractors.

Witness

Signature of
Contractors _____

Date :

Address _____

Date _____

Scope of Work

The work covers Supply, Installation, Testing and Commissioning for extension of Public Address (PA) system and integration with existing system (PHILIPS BOSCH MODEL NO.CCS 800) in Conference Hall at NATIONAL BANK STAFF COLLEGE, LUCKNOW as per the technical specifications, general and special terms and conditions and agreement, executed between NBSC and the contractor, stipulated in this tender .

GENERAL CONDITIONS OF THE CONTRACT

1. In construing these conditions, the specifications, schedule of quantities and articles of agreement, the following words shall have the meanings herein assigned to them except where the subject or context otherwise requires :-

- a. NBSC shall mean National Bank Staff College and shall include its assigns and successors.
- b. Contractor shall mean firm / supplier / work executor and shall include his/their legal representative assigns or successors.
- c. Site shall mean the site of the contract works / including any building and erections thereon and any other land (inclusively) as aforesaid allotted by the NBSC for the contractor's use.
- d. This Contract shall mean the articles of agreement, the special conditions, the general conditions of the contract, the schedule of quantities and specifications attached hereto and duly signed.
- e. Notice in writing, written notice shall mean a notice in written, typed or printed characters sent (unless delivered personally or otherwise proved to have been received) by registered post to the last known private or business addressee and shall be deemed to have been received when in the ordinary course of post it would have been delivered.
- f. Act of insolvency shall mean any act of insolvency as defined by the Presidency Towns Insolvency Act, or the Provincial Insolvency Act or any other Act defining Act of insolvency.
- g. The works shall mean the Supply, Installation, Testing and Commissioning for extension of Public Address (PA) system and integration with existing system (PHILIPS BOSCH MODEL NO.CCS 800) in Conference Hall at NATIONAL BANK STAFF COLLEGE, LUCKNOW as provided herein.

Words importing persons include firms and corporations. Words importing the singular only also include the plural and vice versa where the context requires.

2. The contractor shall carry out and complete the said work in every respect in accordance with the contract and with the directions of and to the satisfaction of the NBSC. The NBSC may, in their absolute discretion and from time to time issue further written instructions, details, directions and

explanations which are hereafter collectively referred to as "NBSC's instructions' in regard to :-

- a. The variations or modifications or the quality or quantity of works or the addition or omission or substitution of any work.
- b. Any discrepancy in the drawing or between the schedule of quantities and/or drawing and/or specifications.
- c. The removal from the site of any materials brought thereon by the contractor and the substitution of any other material therefor.
- d. The removal and/or re-execution of any works executed by the contractor.
- e. The dismissal from the works of any person employed thereupon.
- f. The opening up for inspection of any work covered up.
- g. The amending and making good of any defects under Clause 23.

The contractor shall forthwith comply with and duly execute any work comprised in such NBSC's instructions provided always that verbal instructions directions and explanations given to the contractor or his representatives upon the works by the NBSC shall, if involving a variation, be confirmed in writing by the contractor within seven days, and if not dissented from in writing within a further seven days by the NBSC, they shall be deemed to be NBSC's instructions within the scope of the contract.

3. The contract shall remain in the custody of NBSC and shall be produced by it and its office as and when required by the contractor. The contractor on the signing thereof shall be furnished free of cost with a certified copy of the agreement.

4) The contractor shall provide everything necessary for the proper execution of the works according to the intent and meaning of the schedule of quantities and specification taken together whether the same may or may not be particularly shown or described therefrom, and if the contractor finds any discrepancy in writing refer same to the NBSC who shall decide which is to be followed.

5) The contractor shall conform to the provisions of any act of the legislature relating to the works, and to the Regulations and Bye-Laws of any authority and of any water, lighting and other companies, and shall before making any variations from the specification that may be necessitated by so conforming give to the NBSC written notice, specifying the variation proposed to be made and reason for it, and apply for instructions thereon. In case the contractor shall not within ten days, receive such instructions he shall proceed with the work, conforming to the provisions, Regulations, Bye-laws, in question and any variation so necessitated shall be dealt with under clause No.16.

The contractor shall bring to the attention of the NBSC all notices required by the said acts, regulations or bye-laws to be given to any authority and pay to such authority, or to any public office all fees that may be properly chargeable in respect of the works, and lodge the receipts with the NBSC.

The contractor shall indemnify the NBSC against all claims in respect of patent rights, or other intellectual property law related and shall defend all actions arising from such claims and shall himself pay all royalties, license fees, damages, cost and charges of all and every sort that may be legally incurred in respect thereof.

6. The contractor shall maintain in a readily accessible place, first-aid appliances including an adequate supply of sterilized dressings and cotton wool. In case of injury, arrangements should be made by the contractor to take the injured person to the nearest hospital without loss of time.

7. Adequate precautions shall be taken to prevent danger from electrical equipment. No material on the site of work shall be so stocked or placed as to cause danger or inconvenience to any person or the public. The contractor shall provide all necessary fencing and lights to protect the public from accident and shall be bound to bear the expenses of defence of every suit, action or other proceeding at law that may be brought by any person for injury sustained owing to neglect of the above precaution and to pay any damages and costs which may be awarded in any such suit, action or proceedings to any such person.

8. The contractor shall set out the works and shall be responsible for doing the work at National Bank Staff College.

9. All materials and workmanship shall so far as procurable be of the respective kinds described in the schedule of quantities and/or specifications and in accordance with the NBSC's instructions and the contractor shall upon the request of the NBSC furnish it with all invoices, accounts, receipts and other vouchers to prove that the materials comply therewith. The contractor shall at his own cost arrange for and/or carry out any test of any materials which the NBSC may require.

10. The contractor shall give all necessary personal superintendence during the execution of the work, and as long thereafter as the NBSC may consider necessary until the expiration of the "Defects Liability Period" stated in the appendix hereto. The contractor shall also during the whole time the works are in progress employ a competent representative who shall be constantly in attendance at the works while the men are at work. Any direction explanation, instructions or notice given by the NBSC to such representative shall be held to be given to the contractor.

11. The contractor shall on the request of the NBSC immediately dismiss from the works any person employed thereon by him who may, in the opinion of the NBSC be incompetent or misconducts himself, and such person shall not be again employed on the work without the permission of the NBSC.

12. The NBSC and their respective representatives shall at all reasonable times have free access to the works and/or to the workshop, factories OR other places where materials are lying or from which they are being obtained, and the contractor shall give every facility to the NBSC, and their representatives necessary for inspections and examination and test of the materials and

workmanship. No person unauthorised by the NBSC except the representatives of Public Authorities shall be allowed on the works at any time.

13. The whole of the works included in the contract shall be executed by the contractor and the contractor shall not directly or indirectly transfer, assign or underlet the contract or any part share thereof or interest therein without the written consent of the NBSC; and no undertaking shall relieve the contractor from the full and entire responsibility of the contract or from active superintendence of the works during their progress.

14. No alteration, omission or variation shall vitiate this contract but in case the NBSC think proper at any time during the progress of the works to make any alterations in or addition to or omissions from the works on any alteration in the kind or quality of the materials to be used therein and shall give notice thereof in writing and under his hand to the contractor, the contractor shall alter, add to or omit from as the case may require, in accordance with such notice, but the contractor shall not do any work extra to or make any deviation from any of the provisions of the contract, stipulation, specification without the previous consent in writing of the NBSC and the value of such extras, alterations, additions or omissions shall in all cases be determined by the NBSC in accordance with the provisions of clause 18 hereof, and the same shall be added to or deducted from the contract amount accordingly.

15. The schedule of quantities, unless otherwise stated shall be deemed to have been prepared in accordance with the standard method of measurement.

Any error in description or in quantity or in omission of items from the schedule of quantities shall not vitiate this contract but shall be rectified and the value thereof as ascertained under clause 18 hereof shall be added to or deducted from the contract amount (as the case may be) provided that there shall be no rectification of error in the contractor's schedule of rates.

16. The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the prices stated in the schedule of quantities and/or the schedule of rates and prices which rates and prices shall cover all his obligations under the contract, and all matters and things necessary for the proper completion of the works.

17. The NBSC may from time to time intimate to the contractor that it requires the works to be measured; and the contractor shall forthwith attend or send a qualified agent to assist the NBSC in taking such measurements and calculations and to furnish all particulars or to give all assistance required by either of them.

Should the contractor not attend or neglect or omit to send such agent then the measurement taken by the NBSC or a person approved by it shall be taken in accordance with the standard method of measurements.

The Contractor or his agent may at the time of measurement take such notes and measurements as he may require.

18. Should it be found after the completion of the works from measurements taken (in accordance with the previous paragraph) that any of the quantities or amounts of works thus ascertained are less or greater than the quantities or amounts specified for the works in the Schedule of Quantities and/or tender or that any variation is made, the valuation of such Quantities, amounts or variations, unless previously or otherwise agreed upon, shall be made in accordance with the following rules :

- (a) (i) The net rates or prices in the original Tender shall determine the valuation of the extra work where such extra work is of similar character and executed under similar conditions as the work priced therein.
- (ii) Rates for all items, wherever possible, should be derived out of the rates given in the schedule of quantities.
- b. The net prices of the original Tender shall determine the value of the items omitted provided if omissions vary the conditions under which any remaining items of works are carried out the prices for the same shall be valued under subclause (c) hereof.
- c. Where the extra works are not of similar character and/or executed under similar conditions as aforesaid or where the omissions vary the conditions under which any remaining items of works are carried out or if the amount of any omission or additions relative to the amount of the whole of the Contract works or to any part thereof shall be such that in the opinion of the NBSC the net rate or price contained in the Schedule of Quantities or Tender or for any item of the works involves loss of expense beyond that reasonably contemplated by the Contractor is by reason of such omission or addition rendered unreasonable or inapplicable, the NBSC shall fix such other rate or price as in the circumstances he shall think reasonable and proper.
- d. Where extra work can not be properly measured or valued, the Contractor shall be allowed day work prices as the net rates stated in the Tender or the Schedule of Quantities or; if not so stated then in accordance with the local day work rates and wages for the district provided that in either case vouchers specifying the daily time and materials employed be delivered for verifications to the NBSC or its representative at or before the end of the week following that in which the work has been executed. The measurement and valuation in respect of the Contract shall be completed within the "period of final measurements" i.e. within one month of the completion of the Contract works.

19. Where in any Certificate (of which the Contractor has received payment) the NBSC has included the value of any unfixed materials intended for and/or placed on or adjacent to the works, such materials shall become the property of the NBSC and they shall not be removed, except for use upon the works, without the written authority of the NBSC. The Contractor shall be liable for any loss or damage to such materials.

20. The NBSC shall, during the progress of the works, have power to order in writing from time to time, removal from the works within such reasonable time or times as may be specified in the order, of any materials which in the opinion of the NBSC are not in accordance with the specification or the instructions of the NBSC, the substitution of proper materials, and the removal and proper re-execution of any work executed with materials or workmanship not in accordance with the specification or instructions; and the Contractor shall forthwith carry out such order at his own cost. In case of default on the part of the Contractor to carry out such order, the NBSC shall have the power to employ and pay other persons to carry out the same; and all expenses consequent or incidental there to shall be borne by the Contractor, or may be deducted by the NBSC from any moneys due or that may become due to the Contractor.

21. Any defects, or other faults which may appear within the "Defects Liability Period" stated in the appendix hereto or, if none stated, then within 01 year after the completion of the works arising in the opinion of the NBSC from materials or workmanship not in accordance with the Contractor shall upon the directions in writing the NBSC, and within such reasonable time as shall be specified therein, be amended and made good by the Contractor, at his own cost and in case of default the NBSC may employ and pay other person to amend and make good such defects, or other faults, and all damages, loss and expenses consequent thereon or incidental thereto shall be made good and borne by the Contractor and such damage, loss and expenses shall be recoverable from him by the NBSC or may be deducted by the NBSC from any moneys due or may become due to the Contractor or the NBSC may in lieu of such amending and making good by the Contractor, deduct from any moneys due to the Contractor a sum equivalent to the cost of amending such work in the event of the amount retained under Clause 31 being insufficient, recover the balance from the Contractor, together with any expense the NBSC may have incurred in connection therewith. Should any defective work have been done or material supplied by any Sub-Contractor employed on the works who has been nominated or approved by the NBSC as provided in Clause 15, the Contractor shall be liable to make good in the same manner as if such work or material had been done or supplied by the Contractor and been subject to the provisions of this Clause and Clause 2 hereof.

22. The works shall not be considered as completed until the Bank's Engineer has certified in writing that they have been virtually completed and the Defects Liability Period shall commence from the date of virtual completion mentioned in such certificate.

23. The Contractor shall be responsible for all injury to person or things, and for all structural and decorative damage to property which may arise from the operation or neglect of himself or damages arising from carelessness, accident or any other cause whatever in any way connected with the carrying out of the Contract. This clause shall be held to include, inter alia, any damage to roads, streets, foot-paths, bridges or ways as well as all damage caused to buildings and work forming the subject of this Contract, by frost or other inclemency of weather. The Contractor shall indemnify the NBSC and hold it harmless in respect of all and any expenses arising from any such injury or damage to

persons or property as aforesaid and also in respect of any claim made in respect of injury or damage under any Acts of Government or otherwise and also in respect of any Award of compensation of damages consequent upon such claims.

The Contractor shall reinstate all damages of every sort mentioned in this Clause, so as to deliver up the whole of the contract works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damage to the property or third parties.

The Contractor shall indemnify the NBSC against all claims which may be made against the NBSC by any member of the public or other third party in respect of anything which may arise in respect of the works or in consequence thereof and shall at his own expense arrange to effect and maintain, until the virtual completion of the Contract, with an approved office a Policy of Insurance in the joint names of the NBSC and the Contractor against such risks and deposit such Policy or Policies with the NBSC from time to time during the currency of this Contract. The Contractor shall also similarly indemnify the NBSC against all claims which may be made upon the NBSC whether under the Workmen's Compensation Act or any other statute in force during the currency of this Contract or at Common Law in respect of any employee of the Contractor or any Sub-Contractor and shall at his own expense effect and maintain, until the virtual completion of the Contract, with an approved office a Policy of Insurance in the joint names of the NBSC and the Contractor against such risks and deposit such policy or policies with the NBSC from time to time, during the currency of the Contract.

The Contractor shall be responsible for anything which may be excluded from the Insurance Policies referred to above and also for all other damages to any property arising out of and incidental to the negligent or defective carrying out of this Contract. He shall also indemnify the NBSC in respect of any costs, charges or expenses arising out of claim or proceedings and also in respect of any award of or compensation of damages arising therefrom.

The NBSC shall be at liberty and is hereby empowered to deduct the amount of any damage compensation, costs, charges and expenses arising or accruing from or in respect of any such claims or damage from any or all sums due or to become due to the Contractor.

24. The Contractor shall be allowed admittance to the site on the "Date of Commencement" stated in the Appendix, and he shall thereupon and forthwith begin the works and shall regularly proceed with and complete the same on or before the "Day of Completion" stated in the Appendix subject nevertheless to the provisions for extension of time hereinafter contained.

25. If the Contractor fails to complete the work by the date stated in the Appendix or within any extended time the Contractor shall pay or allow the NBSC the sum named in the Appendix as "Liquidated Damages" for the period during which the said works shall so remain incomplete and the NBSC may deduct such damages from any moneys due to the Contractor.

26. If in the opinion of the NBSC the works be delayed (a) by force majeure or (b) by reason of any exceptionally inclement weather or (c) by reason of proceedings taken or threatened by or dispute with adjoining or neighboring owners or public authorities arising otherwise than through the Contractor's own default or (d) by the works or delays of other Contractors of Tradesman engaged or nominated by the NBSC and not referred to in the Schedule or Quantities and/or Specification or (e) by reason of civil commotion local combination or workmen or strike or lockout affecting the execution of the work, the NBSC may make a fair and reasonable extension of time for completion of the Contract works in case of such strike or lock-out the Contractor shall as soon as may be, give written notice thereof to NBSC, but the Contractor shall nevertheless constantly use his endeavours to prevent delay and shall do all that may reasonably be required to the satisfaction of the NBSC to proceed with work.

27. If the Contractor after receipt of written notice from the NBSC requiring compliance within ten days fails to comply with such instructions the NBSC may employ and pay other person to execute any such work whatsoever that may be necessary to give effect thereto, and all costs incurred in connection therewith shall be recoverable from the Contractor by the NBSC on the Certificate of the Bank's Engineer as a debt or may be deducted by him from any moneys due or to become due to the Contractor.

28. If the Contractor being an individual or a firm commits any "act of insolvency" or shall be adjudged an insolvent or being an Incorporated Company shall have an order for compulsory winding up made against it or pass an effective resolution for winding up voluntarily or subject to the supervision of the Court and of the Official Assignee of the Liquidator in such acts of insolvency or winding up shall be unable within seven days after notice to him requiring him to do so to show to the reasonable satisfaction of the NBSC that he is able to carry out and fulfill, the Contract and to give security therefor, if so required by NBSC.

OR if the Contractor (whether an individual, firm or Incorporated Company) shall suffer execution to be issued.

OR shall suffer any payment under this Contract to be attached by or on behalf of any of the creditors of the Contractor,

OR shall assign or sublet this Contract without the consent in writing of the NBSC first obtained.

OR shall charge or encumber this Contract or any payment due or which may become due to the Contract thereunder.

OR if the Contractor

- i. has abandoned the Contract, or
- ii. has failed to commence the works, or has without any lawful excuse under these Conditions suspended the progress of the works for 14 days after receiving from the NBSC Notice to proceed, or

- iii. has failed to proceed with the works with such due diligence and failed to make such due progress as would enable the works to be completed within the time agreed upon, or
- iv. has failed to remove materials from the site or to pull down and replace work for seven days after receiving from the NBSC's written notice that the said materials or work were condemned and rejected by the NBSC under these Conditions, or
- v. has neglected or failed persistently to observe and perform all or any of the acts, matters or things by this Contract to be observed and performed by the Contractor for seven days after written notice shall have been given to the Contractor requiring the Contractor to observe or perform the same, or
- vi. has in defiance of the NBSC's instructions to the sublet any part of the Contract.

Then and in any of the said cases the NBSC may notwithstanding any previous waiver after giving seven days' notice in writing to the Contractor, determine the Contract. And further, the NBSC by its Agents or servants may enter upon and take possession of the works and all plant, tools, scaffoldings, sheds, machinery steam and other power utensils and material lying upon the premises or the adjoining lands or roads, and use the same as its own property or may employ the same by means of its own servants and workmen in carrying on and completing the work or by employing any other Contractors or other person or persons to complete the works and the Contractor shall not in anyway interrupt or do any act, matter or thing to prevent or hinder such other Contractor or other person or persons employed for completing and finishing or using the materials and plant for the works. When the works shall be completed the NBSC shall give a notice in writing to the Contractor to remove his surplus materials and plants and should the Contractor fail to do so within a period of 14 days after receipt thereof by him the NBSC shall sell the same by public auction, and shall give, credit to the Contractor for the amount realised.

29. The Contractor shall be paid by the NBSC from time to time by instalments on account of the works executed when in the opinion of the NBSC work to the approximate value named in the Appendix as "Value of work for interim Payments" (or less at the reasonable discretion of the NBSC) has been executed in accordance with this Contract subject however, to a retention of the percentage of such value named in the Appendix hereto as "Retention percentage for Interim Payments" until the total amount retained shall reach the sum named in the Appendix as "total Retention Money" after which time the instalments shall be up to the full value of the work subsequently so executed and fixed in the Building. And the Contractor shall be entitled to the payment of the Final Balance in accordance with the Final Certificate to be issued in writing by the Bank's Engineer at the expiration of the period referred to as "the Defects Liability period" in the Appendix hereto from the date of Virtual Completion or as soon after the expiration of such period as the works shall have been finally completed and all defect made good according to the true intent and meaning thereof whichever shall last happen, provided always that ` on account ' payments during the progress of the works or at or after their completion shall not relieve the Contractor of his liability in cases of fraud, dishonesty or fraudulent concealment relating to the works or

materials or to any matter dealt with in the Certificate, and in case of all defects and insufficiencies in the works or materials which a reasonable examination would not have disclosed.

The NBSC shall have power to withhold any payment if the works or any parts thereof are not being carried out to its satisfaction.

30. The decision, opinion, direction, Certificate (except for payment) of the NBSC with respect of all or any of the matters under clauses insert hereof (which matters are herein referred to as the excepted matters) shall be final and conclusive and binding on the parties hereto and shall be without appeal.

31. **ARBITRATION**

If any dispute, difference or question shall at any time arise between the parties as to the construction of this Agreement or concerning anything or as to the rights liabilities and duties of the parties hereunder except in respect of matters for which it is provided hereunder that the decision of the NBSC or its Chief Engineer is final and binding, the same shall be referred to conciliation or arbitration after giving at least 30 days notice in writing to the other (hereinafter referred to as the "Notice for Conciliation/Arbitration") clearly setting out the items of dispute to a Conciliator or Sole Arbitrator who shall be appointed as hereinafter provided. For the purpose of appointing the conciliator or the sole arbitrator referred to above, the NBSC shall send to the Contractors within thirty days of the Notice for Conciliation/Arbitration a panel of three names of persons who shall be presently unconnected with the organisation of the NBSC or the Contractors.

The Contractors shall on receipt of the names as aforesaid select any one of the persons so named to be appointed as the Conciliator or Sole Arbitrator, as the case may be, and communicate his name to the NBSC within 15 days of receipt of the names. The NBSC shall thereupon without any delay appoint the said person as the Conciliator or the Sole Arbitrator.

If the NBSC fails to send to the Contractors the panel of three names as aforesaid within the period specified, the Contractors shall send to the NBSC a panel of three names of persons who shall be unconnected with either party. The NBSC shall on receipt of the names as aforesaid, select anyone of the persons and appoint him as the Conciliator or the Sole Arbitrator. If the NBSC fails to select the person and appoint him as the Conciliator or Sole Arbitrator within 30 days of receipt of the panel and inform the Contractor accordingly, the Contractors shall be entitled to appoint one of the persons from the panel as Conciliator or the Sole Arbitrator and communicate his name to the NBSC.

If the person so appointed is unable or unwilling to act or refuses his appointment or vacates his office due to any reason whatsoever another person shall be appointed as aforesaid.

The conciliation/Arbitration shall be governed by the Conciliation and Arbitration Act, 1996 as in force from time to time. Where the parties do not agree with the Conciliator and appoint an Arbitrator(s) the award of the

Arbitrator(s) shall be binding and final on the parties. It is hereby agreed that in all disputes referred to the Arbitration, the Arbitrator shall give a separate award in respect of each dispute for difference, in accordance with the terms of reference and the award shall be a reasoned award.

The fees, if any, of the Conciliator or the Arbitrator shall initially be paid in equal proportion by each of the parties.

The cost of the Conciliation/Arbitration including the fees, if any, of the Conciliator or the Arbitrator shall be directed to be finally borne and paid by such party or parties to the dispute in such manner or proportion as may be directed by the Conciliator or the Arbitrator as the case may be in the award.

The NBSC and the Contractors also hereby agree that the Arbitration under this clause shall be a condition precedent to any right of action under the contract with regard to the matters hereby expressly agreed to be so referred to arbitration.

32. The NBSC shall have a right to cause a technical examination of the works and the final bill of the Contractor including all supporting vouchers abstracts etc. to be made at the time of payment of the final bill, if as a result of this examination or otherwise any sum is found to have been overpaid or overcertified, it shall be lawful for the NBSC to recover the sum.

33. If, for any reason, the NBSC is obliged, by virtue of the provisions of sub-section (1) of Section 12 of the workmen's Compensation Act, 1923 to pay compensation to a workman employed by the Contractor, in execution of the works, the NBSC will recover such amount or any part thereof by deducting it from the security deposit or from any sum due by the NBSC to the Contractor under this contract or otherwise. The NBSC shall not be bound to contest any claim made against it under subsection (1) of Section 12 of the said Act, except on the written request of the contractor and upon his giving to the NBSC full security for all cost for which the NBSC might become liable in consequence of contesting such claim.

34. Without prejudice to any of the rights of remedies under this contract, if the contractor dies, the NBSC shall have the option of terminating the contract without compensation to the Contractor.

ANNEXURE

SAFETY CODE

1. There shall be maintained in a readily accessible place first aid appliances including adequate supply of sterilised dressings and cotton wool.
2. An injured person shall be taken to a public hospital without loss of time, in cases where the injury necessitates hospitalisation.
3. No portable single ladder shall be over 8 meters in length.
4. Necessary protection shall be taken while doing electrical work.

Bosch (Philips) Model No. CCS 800
SCHEDULE OF QUANTITIES

Sr. No.	Items of Works	Qty.	Rate	Amount
		No.	Rs.	Rs.
01	Delegate Unit: Model :(LBB3330/00)	30		
02	System Controller cum power supply: Model :(CCS -CU)	01		
03	Speakers: (30 watt Line Array XLA speaker) Model : LBC 3200/00)	02		
04	Amplifier: (120 watt mixing amplifier) Model : LBD 1912	01		
05	Cables, Connectors, conduits & accessories	01 set		
06	Integration with existing system installation, testing and commissioning	01 job		
		Total		

NOTE: TENDERER SHOULD QUOTE RATES & AMOUNT BOTH IN WORDS & FIGURES.

Signature :

Name of the vendor :

Date :

Annexure - Technical Specifications

The desired conference system should have double head phone socket & flexible microphone stem which may enable to use one unit between 2 delegate if required thus making our system expandable at a later date.

The system should have capacity to connect microphone (wired or wireless) for guest speaker when required. The system should have a built in feedback suppressor cum audio processor in its main control equipment.

We can record & playback the proceedings using a recording device. System can be run in four different modes :

Mode 1 (Open Mode) :- In this mode any 4 delegate units can be active at the same time. Chairman microphone can always be switched on or off depending on Chairman's choice

Mode 2 (Open Mode with auto switch off) :- In this mode 4 delegate units can be active at the same time. If the speaker is silent for 30 seconds the active mike switches off automatically. Chairman's microphone can always be switched on or off depending on Chairman's choice

Mode 3 (Override mode) :- In this mode each time a delegate presses the microphone on button, it will override the currently active delegate unit. So only one delegate is active at the same time. Chairman microphone can always be switched on or off depending on Chairman's choice.

Mode 4 (Chairman mode only). In this mode only chairman mike is active, delegates can not switch on their units.

Mode 5 (Test mode) In this mode once the button is pressed all units' LED starts glowing thus giving details of health of each unit attached to the system. In case there is a defect in any unit it will not glow, thus, site engineer can immediately attend to that particular unit only.

The system should be comprising of delegate units and detailed specification of the desired equipment's are as under :

Delegate unit

1. Enables delegates to speak and listen to the proceedings.
2. Built in loudspeakers.
3. Microphone with stem and light ring.
4. Simple operation, one touch activates the microphone

System Controller cum power supply

1. Monitoring speaker is built in with volume control
2. Controls up to 150 delegates.
3. Supplies power to 50 delegate units.
4. 4 selectable microphone operating modes.
5. Inter phases with external equipment.
- 6 number of active microphone selection (1-4)
7. It should have built in feedback suppressor cum audio processor.

Technical data

Mains voltage : 230 volts ,50 Hz AC

Current consumption : 0.3 Amps

DC supply to contribution units : 24 Volts
Monitor Loudspeaker output level :72 dB to 82 dB
Freq. Response :320 Hz to 10000 hz
Impedance : 25 Ohms
General Freq. response :125 Hz to 12500 Hz
Total harmonics distortion <.05 % (at 85 dB SPL)
< 3% (At 110 dB SPL)

Speakers :

Extended Area Line Array Speakers 30 Watts

- ❖ Maximum power: 45 watts
- ❖ Rated Power : 30 watts
- ❖ SPL at 30 watts / 1 watt : 108 d B
- ❖ Freq : 190-18000 Hz
- ❖ Horizontal Operating angle: 180 / 140 Degrees
- ❖ Vertical Opening Angle : 70 / 18 degrees

It shall offer a high level of audio directivity with highly suppressed side lobes. It shall provide uniform sound distribution throughout the listening area. It shall provide a horizontal opening angle of 140° at 4 kHz. and a vertical opening angle of 18°. It shall provide a sound pressure level of 108 dB at a frequency of 1 kHz at a distance of one metre with an input power of 30w. It shall have an effective frequency range of 190 Hz to 18 kHz.

The loudspeaker shall comply with EN 60065, and shall be CE approved. It shall be fully voice evacuation compliant (EVAC) according to BS 5839 part 8 and IEC 60849. The loudspeaker shall have built-in protection to ensure that in the event of fire the damage to the speakers does not result in failure of the circuit to which it is connected.

Amplifier

- A) It should have 4 balanced inputs/3 stereo line inputs.
- B) Unit should have inbuilt VOX and priority
- C) One input should have phantom power
- D) Unit should be fan cooled
- E) Unit should be 120 Watts RMS
- F) Frequency response: 50 Hz to 18000 Hz
- G) S/N ratio > 75 dB
- H) Chime of / on selectable on Din input

The system should be handed over in running condition duly installed and ensure all the equipment should be of same make.

Make : Bosch (Philips) Model No. Bosch (Philips) Model No. CCS 800

Note : The conference system should be high end system and should be latest in the market. Service, product specification and user friendly equipment as per above model and make.

Rate :

Rate shall include the cost of all the materials, levies, taxes, duties, labour, transportation and commissioning charges ,integration with the existing system etc.

Appendix

1	Name of Work	Extension of of PA System Bosch (Philips) Model No. CCS 800 in NBSC Conference Hall.
2	EMD to be deposited with tender	Rs. 15500/-
3	Possession of clear site for start of work	10th day of date of issue of work order
4	Date of Commencement	10th day of date of issue of work order
5	Date of Completion	30 days from date of commencement
6	Liquidated damages	0.25% per day subject to a maximum of 5% of contract amount..
7	Defect liability Period	12 months from the date of completion of work
8	Retention Money Deposit	5% of the contract amount (i.e. EMD amount + balance retention amount deducted from the bill) which will be released after warranty period of 12 months.
9	Mode of Payment	No advance at any stage will be payable
10	Bill settlement	Payment will be made after satisfactory supply , installation, testing and commissioning of PA System complete in all respect, on submission of bill, within 30 days.
11	Release of retention money	The amount will be refunded after 12 months from the date of completion subject to rectification of defects, if any, to the satisfaction of NBSC.

LETTER OF ORDER

Date :

The Principal
National Bank Staff College
Sector - H, LDA Colony
Lucknow

Dear Sir

Supply and Installation and integration with existing PA system - PHILIPS BOSCH MODEL NO.CCS 800 at NBSC, Sector - H, LDA Colony, Lucknow

Having examined the Technical Specifications and Schedule of Quantities relating to the works hereinafter set out and having visited and examined the site of the works and having acquired the requisite information relating thereto as affecting the work, I/We hereby offer to execute the works within the time specified at the rates mentioned in the Schedule of Quantities and in accordance in all respects with the Technical Specifications and instructions in your letter.

- | | | | |
|----|--|---|--|
| a. | Description or work | : | Supply and Installation of Public Address System at NBSC, Sector - H, LDA Colony, Lucknow |
| b. | Earnest Money Deposit | : | Rs.15500/- in the form of Pay Order / Demand Draft drawn in favour of NBSC |
| c. | Time allowed for completion of the work from the tenth day of acceptance of offer to commence the work | : | 30 days |
| d. | Retention Money Deposit (RMD) | : | 5% to be released after warranty period of one year |
| e. | Tax deduction at source | : | Works Contract Tax and Income Tax as applicable shall be deducted at source before making payment. |

Should this offer be accepted, I/We hereby agree to abide by and fulfill the terms and provisions so far as they may be applicable or in default thereof to forfeit the EMD and pay to the National Bank Staff College, the amount mentioned in the said Conditions.

Yours faithfully

Signature of Bidder