

**COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
(CSIR)**

Bid Document No. 13-2(43)/2006-07-Pur

Request for Proposal (RFP)

For

**Setting up of Videoconferencing facility and services for CSIR & its
laboratories**

- | | | |
|-------|--|----------|
| (i) | Start date of sale of bid document | 11.01.07 |
| (ii) | Last date for submission of written queries by bidders | 29.01.07 |
| (iii) | Pre- bid conference: | 05.02.07 |
| | Time: 11:00 Hours (IST) | |
| (iv) | Close of sale of bid document | 26.02.07 |
| | Time: 17:00 Hours (IST) | |
| (v) | Last date of submission of Bids | 27.02.07 |
| | Time: 12:30 Hours (IST) | |
| (vi) | Date of Opening of Technical bid (part –A): | 27.02.07 |
| | Time: 14:00 Hours (IST) | |

**Cost of Bid Document: Rs 300/-(The complete bidding documents
can also be downloaded free of cost from CSIR website).**

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SECTION - I

INVITATION FOR THE BIDS

Sealed bids in two parts, Part A: Earnest Money Deposit (EMD), Documents in support of “Eligibility Criteria”, checklist & “Technical Bid” and Part B: Financial Bid, valid for 120 days are invited from eligible bidders for Supply, Installation, Commissioning, Maintenance of VC equipment and related services (as given at 1.0 below) for Council of Scientific & Industrial Research Hqrs and its various Laboratories/Institutes across India as per annex ‘N’.

1.0 The major components of the work are:

1.0.1 Supply, Installation, Testing, Commissioning, Support Services and three years On-Site Comprehensive Warranty Maintenance of the VC equipment on end to end solution basis as per specification at annexure “K”.

Note: a. The bidder should bid for all of the items as listed in clause 1.01.

b. In case all the items (inclusive of warranty and maintenance) are not quoted then the bid shall be treated as non responsive and summarily rejected.

c. Any deviation from the delivery schedule, terms of payment and warranty indicated in the bidding documents would constitute to be material deviations and hence shall be summarily rejected.

1.1 The major responsibilities of the bidder shall include

1.1.1 Supply, Installation, Acceptance Testing, Commissioning, Documentation, handholding and three years On-Site Comprehensive Warranty Maintenance of various VC equipments and its components as per clause 1.0.1 above by qualified and trained engineers/personnel.

Note:

The major responsibilities as specified in clause 1.1 above are indicative only and not exhaustive in any manner.

1.2. Eligibility Criteria/ Pre-qualification

- 1.2.1 The bidder should be system integrator of VC equipments authorized by respective OEMs. Documentary proof may be attached.
- 1.2.2 The Bidders must have at least 2 years of experience in supply, installation, commissioning and maintenance of respective VC systems out of which at least 1 year must be in similar kind of VC installation activities for a single organization(s) spread across India having more than 10 nodes/ locations. It should be supported by authentic documentary evidences.
- 1.2.3 The bidder should have satisfactorily completed at least one Integrated Project of VC solution for minimum Rs 75 lakhs (Rupees seventy five Lakhs), during the last two years in Govt / Semi-Govt / Autonomous Organizations to be supported by authentic documentary evidence (attach satisfactory installation report of completed projects).
- 1.2.4 The total turnover per annum of the bidder must be of the order of Rs. 10.0 Crores during the last 3 consecutive years. Attach Documentary proof.
- 1.2.5 The bidder must have necessary infrastructure support to service all the VC locations of CSIR labs/Institutes and CSIR Hqrs. (Annexure – L). The bidders must enclose details of their infrastructure with reference to locations and technical manpower, availability of inventory spares etc.
- 1.2.6 Bidder should submit valid documentary proof of Sales Tax/VAT, Service Tax registration number and the details of income tax registration (PAN).
- 1.2.7 The bidder/OEM should be an ISO 9001:2000 certified company or principal partner of the certified company and should submit the documentary proof.
- 1.2.8 Bid should accompany an earnest money deposit of Rs 10,00,000/- (Rupees Ten Lac) in the form of a demand draft or Bank Guarantee as per Annexure-C drawn in favour of 'The Joint Secretary (Admin), CSIR, New Delhi' on a scheduled/ nationalized bank payable at New Delhi.

- 1.2.9 CSIR reserves the right to verify/seek confirmation of all original documentary evidence submitted by vendors in support of above mentioned clauses of eligibility criteria (from clause 1.2.1 to 1.2.7). In case any information furnished by the bidder is found to be false /incorrect at any stage, the bid shall be summarily rejected and no correspondence on the same shall be entertained.
- 1.2.10 The vendor must fulfill the above eligibility criteria/ pre-qualification conditions. Technical bid of vendors fulfilling the pre-qualification conditions will only be evaluated by the duly constituted technical evaluation committee. Bid of vendors not fulfilling the Eligibility – criteria given above will be summarily rejected. Undertaking for subsequent submission of any of the above documents will not be entertained under any circumstances.
- 1.3. Part –A of the bid comprising documents in support of “Eligibility Criteria”, “Technical Bid”, “Earnest Money Deposit” and check list and part – B “Financial Bid” should be put in two separate envelopes duly sealed. The content on the each envelope, bidder’s name & address should be clearly marked on the top of the sealed envelopes.
- 1.4. The bids complete in all respects addressed to the Joint Secretary (Admin), CSIR, should reach by hand/post at the following address **latest by 1230 hrs (IST) on 27.02.2007.**
- The Joint Secretary (Admin)
Council of Scientific & Industrial Research
Anusandhan Bhawan
2, Rafi Marg, New Delhi 110001
(Attn: The Controller of Stores & Purchase)
- 1.5. The “Part A” of bid will be opened in the Conference Hall of CSIR, Anusandhan Bhawan, 2 Rafi Marg, New Delhi – 110 001 on the same day (last date of submission of the Bid) at 1400 hours (IST) in the presence of bidders who choose to be present.

1.6. Schedule and critical dates

The CSIR reserves the right to amend the proposed schedule shown below.

The tentative schedule and critical dates are as follows:

- | | | |
|-------|--|-----------------|
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| (v) | Last date of submission of Bids
Time: 12:30 Hours (IST) | 27.02.07 |
| (vii) | Date of Opening of Technical bid (part –A):
Time: 14:00 Hours (IST) | 27.02.07 |

1.7. CSIR will make its purchasing decision based on the ability of the bidder(s) to meet its Labs/Institutes long term needs, technical expertise of the bidder(s), delivery capability, customer references and price. However, specific criterion used to evaluate bid response is listed in the Section – III – Instruction to bidders.

1.8. The Joint Secretary, CSIR reserves the right to waive any minor irregularities; accept the whole, accept part of or reject any or all bids.

1.9 A pre-bid conference will be held at Conference Hall, CSIR, Anusandhan Bhawan, 2 Rafi Marg, New Delhi – 110 001 on 05.02.07 at 1100 hours (IST). All prospective bidders are requested to kindly submit their queries to the address indicated in clause 1.4 above so as to reach CSIR latest by 29.01.07.

SECTION II

SCHEDULE OF REQUIREMENTS

2.1 Introduction

The Council of Scientific & Industrial Research (CSIR) is a premier industrial R&D organization in India which was constituted in 1942 by a resolution of the then Central Legislative Assembly. It is an autonomous body registered under the Registration of Societies Act of 1860. CSIR aims to provide industrial competitiveness, social welfare, strong S&T base for strategic sectors and advancement of fundamental knowledge.

CSIR has a network of 38 laboratories and a number of field stations all over India to undertake R&D in several disciplines. CSIR's mission is to provide and promote scientific industrial research and development that maximize the economic, environmental and societal benefits for the people of India

To provide and facilitate Peer to Peer communication, it is our endeavor to deploy it extensively and intensively for enhancement of the system as a whole. Acting as a medium of interactive Video Communication, which is fast track solution and efficient means for time saving and faster decision making, it will provide quick access to Network Scientists, Wider group interaction, Scientific Management, Enhancing productivity of Scientists and Participation within the CSIR scientific community. To create an enabling environment for collaborative research , to design & adapt state of the art information and communication technologies and to integrate seamlessly its laboratories with Video/Audio Communication, CSIR intend to create the state of –the- art Videoconferencing facility at CSIR /CSIR laboratories along with other departments under Science & Technology (as per annexure L). For the setting up of CSIR wide Videoconferencing facility, VC equipment along with related items and services for this infrastructure would be required by CSIR for aforementioned sites. These equipments need to be installed in VC studio /rooms of CSIR labs, respective divisions of CSIR, Minister's office, DG office and offices of secretaries under the

ministry along with an auditorium with capacity of 350 persons at Anusandhan Bhawan. The detailed locations of sites for VC are mentioned at annexure L.

2.2 Scope of the Work:

The scope of work for the supply of videoconferencing equipment testing, installation, commissioning and 3 year on-site comprehensive warranty maintenance support is broadly as follows (**detailed specifications are provided in Annexure K**):

Sl. Number	Scope of Work – Description
2.2.1	Supply, Testing, Installation, Configuration, Commission & related professional services , on site training for 03 persons per site and 3 year on-site comprehensive warranty maintenance of Videoconferencing Equipments. Commissioning will include the complete interfacing of VC equipment with all audio - visual devices in the VC studio/room ,required configuration of system Software to make VC system functional at respective locations along with end testing , training and handholding as per the detailed Technical Specification given in Annexure K.

Note: The bidder should undertake to provide support for the supplied systems/sub-systems for another period of two years after the completion of warranty period of three years. After the completion of warranty maintenance of three years, the successful vendors shall be awarded individual comprehensive on site annual maintenance contract at the discretion of CSIR. The bidders shall be required to confirm their willingness to accept the annual maintenance contract and indicate the terms and conditions in their technical bid along with the corresponding charges in the financial bid.

2.3 General Requirements:

2.3.1 Potential suppliers should provide detailed activities time schedule, which represents the shortest practical time to complete all necessary tasks and meet the obligations of the requirements. All significant activities must be included, including those associated with the delivery, acceptance testing,

installation and commissioning of the equipments/ products and quality certifications.

2.4 Indicative Schedules:

The detailed technical specifications of the equipments/ systems are specified in Annexure K. The major activities and time-schedule is given below:

Major Activities & Schedules

Sr. No.	Activities	Time (Incremental Weeks)
1.	Conclusion of contract	T1
2	Delivery to all locations	T1+6
3.	Inspection, Installation, commissioning & acceptance at respective sites	T1+15

SECTION - III
INSTRUCTIONS TO BIDDERS

3.1 Cost of Bidding

The bidder shall bear all costs associated with the preparation and submission of its bid, and CSIR will in no case be responsible or liable for these costs, regardless of the conduct or the outcome of the bidding process.

3.2 The Bidding Documents

3.2.1 The equipments, product and services required, bidding procedures and contract terms are prescribed in the bidding documents. In addition to the invitation for bids the documents include:

- (a) Schedule of requirements – Section - II
- (b) Instructions to bidders – Section – III
- (c) General Terms and Conditions of Contract – Section - IV
- (d) Detailed Technical Specifications – Section V (Annexure - K)
- (e) Bid form and price schedule – Section – V (Annexure - B,I,J)
- (f) Performance Security Form etc.- Section – V (Annexure - D)
- (g) VC locations : CSIR laboratory locations for installation of VC equipment. – Section – V (Annexure –L)
- (h) Check-list for bid submission – Section B (Annexure-A)
- (i) Bid Security Form (EMD) – Section V (Annexure-C)
- (j) Compliance Undertaking – Section V (Annexure-E)
- (k) Tender response model outline – Section V (Annexure-F)
- (l) Performa for Joint Acceptance-Section V (Annexure-G)
- (m) Notification; Central Excise and Customs Duty –Section V (Annexure-H).
- (n) Contract form – Section V (Annexure-M).
- (o) Details of items ultimate consignee wise – Section V- (Annexure N)
- (p) Receipt Certificate – Section V – (Annexure O)

3.2.2 The bidder is expected to examine, eligibility criteria, all instructions, forms, terms and specifications in the bidding documents. Failure to furnish all information required and/or False/Incorrect information and/or submission of bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of its bid.

3.3 Preparation of Bids

The bids are to be submitted in two separate sealed envelopes

- a. Envelop One: (Part A) Should Contain two separately sealed envelopes:
 - i) EMD sealed separately and super scribed/ marked with words "EMD" on the envelope along with the check-list duly signed and stamped.
 - ii) Eligibility Criteria Document and the technical bid sealed separately and super scribed/ marked with words "Eligibility Criteria and Technical bid" on the envelope.
- b. Envelop Two (Part-B) Should Contain :
 - i) Financial Bid sealed separately and super scribed/ marked with words "Financial Bid" on the envelope.

The content on the envelope, bidder's name & address should be clearly marked on the outer envelop containing the above two envelopes (Part A & Part B).

Note:

All pages of the bid being submitted must be signed and sequentially numbered by the authorized signatory of the bidder, irrespective of the nature of the content of the page in the format: "current page no./total no. of pages". Unsigned and Unstamped tender shall be summarily rejected.

3.3.1 Earnest Money Deposit (EMD)

Bid should accompany an earnest money deposit of Rs 10,00,000/- (Rupees Ten Lac) in the form of a demand draft drawn in favour of 'The Joint Secretary(Admin), CSIR, New Delhi' on a scheduled/ nationalized bank payable at New Delhi or Bank Guarantee as per Annexure-C valid for 165 days from the date of bid opening. Bid without a valid EMD will be rejected outright.

3.3.2 Eligibility Criteria Documents

The eligibility criteria documents along with necessary proof and/or copy of certificates as per clause 1.2 section 1 – Invitation for Bid must be submitted along with the Bid. Bid without these documents will be outrightly rejected.

3.3.3 Technical Bid:

The Technical bid prepared by the bidder shall comprise of the following:

- (i) List of clients for whom the bidder is having similar type of contracts and certificate regarding satisfactory performance of the contract, if any (Please attach documentary proof).
- (ii) Number of equipment/ systems maintenance and support centers (corresponding to CSIR laboratory/location) in India along with details of key contact person like name, designation, address, telephone, e-mail etc. (Please attach documentary proof)
- (iii) Bidder to give address of their website, if available.
- (iv) Total IT manpower and manpower on contract available with the bidder.
- (v) Necessary detailed technical write up highlighting the functioning and integration features of accessories and all VC equipment.
- (vi) Detailed write-up along with network diagram for all VC locations (as per annexure 'L') by the vendor for understanding the requirement and execution plan of VC facility in CSIR .
- (vii) Provide the life cycle details of the systems as per clause 1.0 of section -I

- (viii) Project Management Philosophy with details on progress reporting Mechanism (like testing progress, installation, benchmarking, commissioning etc), problem frequency, problem response time, escalation, knowledge repository etc.
- (ix) Details of sub-contractors and franchisee agreement thereon for execution of the VC facility at CSIR locations.
- (x) Major milestones as identified by the bidder (testing, installation, commissioning etc) at CSIR laboratory/locations.
- (xi) Bidder's response in the Model Response Format – Annexure - F
- (xii) Product evaluation kit, technical information, white papers etc.
- (xiii) For all the parts/controller cards/devices, the make and model should be mentioned in the technical bid with complete details.
- (xiv) Submit the details together with the prices eventually or finally paid for providing identical or similar services and/or equipments and/or products to other CSIR labs/Institutes for the preceding three years, if any.
- (xv) Bid Form – Annexure – B on the letter head.
- (xvi) Submit the equipment and/or product compatibility sheet (Fully Met, Not Met, Deviations) and the roadmap to meet the gaps to meet the specifications as per Annexure K.
- (xvii) Suggestive criteria for the conduct of inspection and tests and joint inspection criteria for all VC sites.
- (xviii) Undertaking for compliance to tender technical specifications and tender terms and conditions as per Annexure-E.
- (xix) Details of site specifications and other preparations required for successful installation of the VC solution.
- (XX) Willingness to undertake on site comprehensive AMC detailing the terms and conditions.
- (XXi) In case the MCU and the End-points offered are not of the same make, then the vendor should submit an undertaking stating that both the items i.e. MCU and End-points are inter-operable and compatible.

(xxii) Annexure K indicating the compliance with the Technical specifications duly signed.

Note:

- a. **The bidder should submit self/company certified true photocopies of the documents wherever required.**
- b. **Make and model of all systems, sub-systems should be mentioned in the technical bid and complete technical details should be provided in the form of brochures and write ups.**

The Bidder shall note that standards for workmanship, material and equipment, and references to brand names designated by the Purchaser in the Technical Specifications are intended to be descriptive only and not restrictive. The vendor may substitute alternative standards, brand names in his bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

3.3.4 Financial Bid:

- (i) The financial bid prepared by the vendor shall comprise the financial bid form as per annexure-I and shall indicate the all inclusive Unit prices for the equipment/ systems/ product and/or services (for all items) it proposes to provide under the contract as per the applicable price schedule form given in annexure J which should invariably include all the items.
- (ii) Quoted prices should be firm and inclusive of Interface cables, Power cables, related accessories, Documentation of sub assemblies of system and Operating Manuals of the systems including 3 years on-site comprehensive warranty and training for 03 persons per site. All other expenses related with the visits of the Vendor's personnel in connection with the performance of the contractual obligations by the Vendor should

also be included in the quoted price. The prices should be quoted as under:

For goods manufactured within India.

The price of the goods quoted ex works including all custom duties and other taxes already paid.

The percentage of VAT and other taxes like excise duty etc. which will be payable on the goods if the contract is awarded.

The price for inland transportation, insurance and other local services required for delivering the goods to the final destination.

The prices should include VAT, service tax, octroi, freight, Packing, forwarding, handling, loading, unloading, insurance, any other tax/charges, applicable and discounts till delivery to the different consignees and Installation, commissioning, on-site comprehensive warranty maintenance (3 years), etc.

The charges towards the onsite comprehensive annual maintenance contract per year after the warranty period of 03 years should be quoted separately for a period of two years, as a percentage (%) of the quoted EXW price in the price schedule form.

The charges towards support services for a minimum of 3 VC sessions on lump sum basis should be quoted in the price schedule form

For goods manufactured abroad

The price of the goods, quoted on FCA (named place of delivery).

(ii) The cost for insurance and transportation of the goods to the place of destination.

The quoted prices should be on all-inclusive CIP basis. Charges towards Installation, commissioning, on-site comprehensive warranty maintenance (3 years), etc. should be included in the quoted prices.

The charges towards the onsite comprehensive annual maintenance contract per year after the warranty period of 03 years should be quoted separately for a

period of two years as a percentage (%) of the quoted FCA price in the price schedule form.

The charges towards support services for a minimum of 3 VC sessions on lump sum basis should be quoted in the price schedule form

- (iii) Prices quoted by the bidder shall be fixed during the bidder's performance of the contract and not subject to variation on any account. A bid submitted with a conditional price, quotation will be treated as non-responsive and will be summarily rejected.
- (iv) All prices and other information etc. having a bearing on the price shall be written both in figures and words in the prescribed form. If there is discrepancy between the price/information quoted in words and figures, whichever is the higher of the two shall be taken as bid price. In case there is a discrepancy between the total cost and the unit rate multiplied with the quantity, then the unit rate shall prevail and the total cost shall be corrected accordingly.
- (v) During the validity of this bid or during the extended period, if any, if the bidder sells any system or sub-system of the same configuration to any other Department/Organization in India with similar contract terms and conditions at a price lower than the contract price then the bidder shall automatically pass on the benefits to the Purchaser.
- (vi) Rates should be valid for 120 days from the date of opening of technical Bids.
- (vii) The prices shall be for delivery at final destination/ laboratories in India (as detailed in annexure N) including installation/ commissioning and complete operationalization and statutory levies, if any including 03 years on site warranty support..
- (viii) The Three year warranty period shall be taken into account, for the systems from the date of acceptance by CSIR and/or its Labs/Institutes.
- (ix) During the warranty period, besides service/ maintenance of VC equipments and its peripherals and System Software, Upgraded VC equipments, all

software up gradation, bugs/patches for software and services shall also be provided at no extra cost.

3.4 Submission of Bids

3.4.1 Sealing and Marking of Bids

The bids shall be submitted in two separate sealed covers as described in clause 3.3 above.

- (ii) The outer envelope containing part A and part B shall be addressed to The Joint Secretary (Admin.), CSIR, Anusandhan Bhawan, 2 Rafi Marg, New Delhi – 110 001 (Attention: Controller of Stores & Purchase) mentioning bid no. and date.

All the outer and inner envelopes shall indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared late or delayed.

Telex, cable, e-mail, scanned or facsimile bids will be rejected.

3.4.2 Deadline for Submission of Bids

- (i) Bids must be received by CSIR at the address given in Clause 1.4 of Section-I not later than the time and date specified on the cover page. In the event of the specified date for the submission of bids being declared a holiday for CSIR, the bids will be received up to the appointed time on the next working day.
- (ii) The Joint Secretary(Admn.), CSIR may, at his discretion extend this deadline for submission of bids by amending the tender document, in which case all rights and obligations of the CSIR and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

3.4.3 Late and Delayed Bids

Any bid received by CSIR after the deadline for submission of bids prescribed by the CSIR will be rejected and/or returned unopened to the bidder.

3.5 Bid Opening and Evaluation

CSIR will open the technical bid (Part-A) in the presence of bidders' representatives, who choose to attend, at the time, on the date and at the place specified in Clause 1.5 of **Section-I**. The bidders' representatives present there, shall sign a register evidencing their attendance. In the event of the specified date of the bid opening being declared a holiday for the CSIR, the bids shall be opened at the appointed time and location on the next working day.

3.5.1 Opening of EMD

CSIR will open the envelope containing the EMD and check-list first. In case the EMD is not found in order, the bid shall be summarily rejected. Eligibility Criteria Document and technical bid envelope of only those bidders will be opened and/or evaluated whose EMD is found to be in order.

3.5.2 Opening of Eligibility Criteria Document and Technical bid

CSIR will consider the Eligibility Criteria document and technical bid subject to clause 3.5.1 for further scrutiny only, if the EMD is submitted as per requirement. These envelopes shall be opened in the presence of bidders' representatives, who choose to attend, at the time, date and at the place specified in Clause 1.5 of **Section-I**.

3.5.3 Pre-bid Conference

A pre-bid Conference shall be held as indicated in Clause 1.9 of Section-1. All prospective bidders are requested to kindly attend the pre-bid conference. In order to facilitate CSIR for proper conduct of the pre-bid conference, all prospective bidders are requested to kindly submit their queries to the address indicated in Clause 1.4 of Section-1 (With envelop bearing Tender No. and date on top and marked "Queries for Pre-bid

Conference”) so as to reach CSIR Hqrs. as indicated in clause 1.9 of section I. CSIR shall answer the queries during the pre-bid conference which would become a part of the proceedings of the pre-bid conference, and the same shall be signed by all the participating bidders. These proceedings would become a part of the clarifications/amendments to the bidding documents and would become binding on all the prospective bidders. The proceedings would also be hosted on CSIR website for the benefit of all the prospective bidders. Before submitting their bids, all prospective bidders are advised to surf through the CSIR website after the Pre-bid Conference, in order to enable them take cognizance of the changes made in the bidding document.

Clarification of Bids

- (i) During evaluation of the bids, the CSIR may at its discretion, ask the Bidder for clarification of its bid. The request for clarification and the response shall be in writing and no change in price or substance of the bid shall be sought, offered or permitted.
- (ii) No Bidder shall contact the CSIR on any matter relating to its bid, from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the CSIR, it should be done in writing.
- (iii) Any effort by a Bidder to influence the CSIR in its decisions on bid evaluation, bid comparison or contract award decisions may result in rejection of the Bidder’s bid and CSIR will declare the firm ineligible, either indefinitely or for a stated period of time from participation in future RFPs/tenders of CSIR.
- (iv) The bidders could also be called for discussion and could also be allowed to modify their technical bids to suit the organizations requirements. The idea is to arrive at a threshold level of acceptability above which all the bidders shall be treated on par. Those whose technical specifications do not reach the threshold level of acceptability shall be rejected as technically unsuitable. The bidders who finally emerge as technically acceptable shall

be allowed to withdraw their price bids and send again a revised bid in a sealed envelopes or to adhere to the original price bid sent. These price bids shall be opened, evaluated and the contract awarded to the lowest evaluated bidder.

3.5.5 Evaluation of Technical Bid

- (i) The verification for pre-qualification/ eligibility criterion will be carried out pursuant to **clause 3.3.2** and further detailed technical evaluation will be carried out in respect of only those eligible / pre-qualified bidders pursuant to **clause 3.3.3**, and CSIR will determine the substantial responsiveness of each bid to the Bidding Documents. For purpose of these Clauses, a substantially responsive bid is one, which conforms to all specifications & terms and conditions of the Bidding Documents without material deviations, reservation or omission A material deviation, reservation or omission is one that:
 - (a) affects in any substantial way the scope, quality or performance of the Goods and Related Services specified in the Contract; or
 - (b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or
 - (c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.
- (ii) A bid determined as not substantially responsive may be rejected by the CSIR and may not subsequently be made responsive by the Bidder by correction of the non-conformity.
- (iii) The bidders short-listed by CSIR, based on evaluation of their technical bids , may be called for detailed discussions for assisting in the evaluation of the quoted equipments/products, which will be subjected to verifications of technical specifications as per annexure K using documentary evidences from OEM / bidder or industry standard testing methodology by the duly constituted Technical Evaluation Committee at a specified date, time and

venue. The TEC may ask vendor to bring the sample equipment/ product along with their own test and measuring equipments and other related software at the specified venue, date and time. The date, time & venue will be informed to the bidder at least 10 days in advance. No request for any change in date, time and/or venue shall be entertained under any circumstances. In case of a failure to offer the equipments/systems for benchmarking within the time frame given by CSIR for evaluation, the bid shall be rejected.

- (iv) Any quoted product, as decided by TEC (CSIR), may be technically evaluated through demonstration/ presentation at CSIR/Vendor's premises located anywhere in India on a short notice period of not less than 07 days. If the bidder fails to bring the sample/quoted products for Technical evaluation within the stipulated time, their bid shall be rejected. CSIR may decide not to have demonstration of products already in use by CSIR and/or its Labs/Institutes being evaluated by CSIR during the current evaluation. In their own interest the bidders are advised to ensure that the systems brought for evaluation conforms to all technical parameters and is a tested system. CSIR and/or its Labs/Institutes have the right to order any subset of the tendered items.
- (v) The technical evaluation committee may at its own discretion decide to carry out surprise inspection of bidder's manufacturing facilities and/or maintenance and support center(s)/network locations to evaluate and ascertain the details as furnished by the bidder in its technical bid, the technical competence to perform the offered services, capabilities, available facilities and resources of the bidder for effective and efficient execution of the project.
- (vi) For technical evaluation, Bidders have to ensure the availability of appropriate specialist, along with every type of documentation, equipments, software required, from their organization for interacting with CSIR's TEC & evaluation team, installation team. In case a bidder does not make the required specialist along with proper documentation, equipment and

software available, then such defaulting bidder shall be taken off the tender evaluation process and that bid will stand rejected.

3.5.6 Opening of Financial Bids

- (i) CSIR will open the financial bids of only those bidders, which have been found to be technically qualified to undertake the job, pursuant to Clause **3.5.5**.
- (ii) The Financial Bids of the technically qualified bidders shall be opened in the presence of their representatives, who choose to be present, on a specified date and time and Venue.
- (iii) The date and time of opening of financial bids shall be informed to the technically qualified bidder.

3.5.7 Evaluation and Comparison of Bids

- (i) The comparison between the indigenous and the foreign offers shall be made on FOR destination basis and CIP basis respectively (after loading) as detailed below. However, the CIP prices quoted by any foreign bidder shall be loaded further as under:

Towards customs duty and other statutory levies – as per applicable rates.

Towards custom clearance, inland transportation etc. – 2% of the CIP value.

The exchange rate as notified in the Newspapers on the date of opening of financial bids shall be the basis for converting the offers into equivalent Indian Rupees. CSIR, however, reserves the right to place the order on FCA basis. CSIR and its various laboratories/Institutes being Research & Development Organization are exempted from payment of excise duty vide notification No. 10/97 dated 1.3.97 and payment of concessional customs duty as per Notification No.51/96-Customs dated 23.7.1996 as amended vide customs notification No. 24/2002 dated 1.3.02 and 19/2006 dated 1.3.06 (**Annexure H**) on Scientific and technical instruments, apparatus, equipment including (computers, peripherals and software products) and also eligible for discounts of academic licensing for various software products of Microsoft. In the case of offers received from abroad,

the loaded price, as indicated above, (inclusive of 03 years on site warranty and training) plus cost of 02 years AMC plus the rates for support services for three VC sessions and in the case of indigenous bidders, the FOR final destination prices (inclusive of 03 years on site warranty and training) plus cost of 02 years AMC plus the rates for support services for three VC sessions would be the basis for comparison. CSIR labs will provide exemption certificate(s)/ related documents at the time of actual clearance of consignments from the customs authorities.

- (ii) Arithmetical errors will be rectified as per Clause 3.3.4 (iv) if the supplier does not accept the correction of errors, its bid will be rejected.
- (iii) Bidders shall state their bid price for the payment schedule and delivery schedule outlined in the **Section 4 as per the format given in Annexure J –“Price Schedule” only**. Bids will be compared and evaluated on the basis of total bid-wise overall lowest quote for all items in annexure “J”.
- (iv) All items indicated in the schedule of requirements and price schedules must be quoted failing which the bid shall be summarily rejected.

3.6 Site specifications

The purchaser is solely responsible for the construction of the equipment sites in compliance with the technical and environmental specifications defined by the vendor. The purchaser will designate the installation sites before the scheduled installation date to allow the vendor to perform a site inspection to verify the appropriateness of the sites before the installation of the equipment. The vendor shall inform the purchaser about the site specifications and other preparations required, if any, needed for installation, of the goods at the purchasers site in their technical bid.

3.7 Miscellaneous

- (i) The vendor should not assign and/or sublet any part of it to any other agency in any form. If done, this shall result in termination of contract and forfeiture of security deposit.
- (ii) No deviations from these terms and conditions will be accepted. Any violation there off will lead to rejection of the bid and forfeiture of EMD.

SECTION - IV
General Conditions of Contract

4.1.1 Definitions and Interpretation

In this contract, the following terms shall be interpreted as indicated:

23. “The Contract” means the agreement entered into between the CSIR and the Vendor as recorded in the Contract Form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by reference therein;
- (ii) “The Contract Price” means the price payable to the Vendor under the Contract for the full and proper performance of its contractual obligations;
- (iii) “The Goods” means benchmarked fully functional equipment(s) and/or product(s) along with all manuals and/or other material(s), which the Vendor is required to supply, install, commission and maintain for the CSIR under the Contract;
- (iv) “The Services” means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, maintenance, provision of technical assistance, training and other obligations of the Supplier covered under the Contract;
- (v) “The Purchaser” means the organization purchasing the equipment and/or product, i.e., Council of Scientific & Industrial Research, Anusandhan Bhawan, 2 Rafi Marg, New Delhi – 110 001.
- (vi) “The Vendor” means the firm(s) supplying the equipment/product and services under this Contract;
- (vii) “The Final Destination” means the CSIR-Hqrs. and/or its various Labs/Institutes spread across India and locations mentioned as per annexure L.
- (viii) “Day” means calendar day.

4.1.2 Acceptance Certificate

On successful receipt of deliverables, completion of inspection test, installation, commissioning etc., and after CSIR/Labs/Institutes are satisfied with the working and performance of the VC equipment(s), the joint acceptance certificate (Annexure G) will be signed by the representative of the CSIR / Labs/Institute and Vendor and will be issued to the vendor. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the equipment(s)/product(s) at respective sites.

4.1.3 Performance Security/Bank Guarantee

23. The vendor should furnish performance security to the CSIR for an amount of 25 % of the contract value valid up to 60 days after warranty period (total 38 months) for performance and support service /maintenance obligation within 21 days of signing of contract.
- (ii) CSIR can deduct as compensation from the Performance Security/Bank Guarantee for failures on the Vendor's part to complete its obligation under the contract.
 - (iii) The performance security shall be in the form of a Bank Guarantee from a Scheduled /Nationalized Bank (Annexure- D) or A Bankers Cheque or Demand Draft in favour of Purchaser.
 - (iv) In the event of any correction of defects or replacement of defective equipment during warranty period, replacement should be made within seven days from the date of notice of defect failing which a penalty of Rs. 100/- per day shall be levied from the date of notice of defect till the date replacement is made.
 - (v) In the event of non- submission of performance security (PS) within 21 days from the date of signing of contract, the EMD submitted by the firm shall be fortified.

- (vi) The PS shall be discharged not later than 60 days following the completion of the suppliers' performance obligations including warranty obligations.

4.1.4 Inspection and Tests

- (i) On the receipt of the contract, the vendor(s) shall obtain in time all the necessary documents for the State Entry Permit in respective States wherever applicable, for complete and safe delivery of the ordered products, at their own cost and efforts.
- (ii) The inspection will include inspection of items and verification of documents for desired specifications or evaluation test (where ever possible) as conducted by the TEC during technical evaluation of the items quoted by the vendor. The systems must be supplied in full as per ordered configuration for inspection. No system with short supply or with different technical specifications shall be taken up for conduct of acceptance testing under any circumstances.
- (iii) The CSIR or its representative shall have the right to inspect the video conferencing equipment for their conformity with specifications. Should any inspected or tested system fail to conform to the specification, the CSIR may reject them and the Vendor shall make all alterations necessary to meet specification requirements free of cost to CSIR with in the time schedule as specified by CSIR. Notwithstanding the pre-supply inspections, the equipment and accessories on receipt at the final destination will also be tested during and after installation before "take over" and if any equipment or part thereof is found defective, the same shall be replaced free of all cost to the purchaser.
- (iv) On subassembly level if any item's specifications / model changes and becomes non available due to obsolescence of technology, vendor within already approved cost may offer the item with equivalent or having better features in terms of performance and specifications. The items so offered will be evaluated by CSIR and/or its Labs/Institutes for its acceptance.

- (v) The schedule having details for conduct of acceptance testing of items shall be provided by vendors within 15 days from date of contract so that all the related documentation work by CSIR and/or its Labs/Institutes could be completed for ensuring the timely installation within stipulated time frame as per contract.
- (vi) Testing and acceptance of the supplied systems must be done at CSIR Labs/institutes, which is subject to the provision of all necessary acceptance-testing infrastructures by vendor such as 24x7 Power backup, UPS, testing tools and material along with trained engineers to get the inspection and testing at CSIR Lab/Institute. The labs will provide only space, furniture / racks and electrical connections etc. to facilitate the testing for installation and commissioning. CSIR and/or its Labs/Institutes reserves the right to reject any item, if found unsuitable and/or not conforming to the approved specifications. The rejected items, if any, shall have to be taken back and replaced by good items forthwith at the cost of the vendor. No payment will be made for rejected items.
- (vii) The vendor should deliver, install and commission all the items at specified site without any additional charge. However, it may be noted that all the items as per the contract shall be delivered within 6 (six) weeks from the date of contract in the case of supplies from within India and within 6 (six) weeks from the date of opening of letter of credit in case of imports. Any unjustified and unacceptable delay in the delivery beyond the delivery schedule as per contract will render the vendor liable for penalty at the rate of 0.5% (half percent) of the contract value per week subject to a maximum of ten weeks and thereafter CSIR and/or its Labs/Institutes holds the option to cancel the contract and forfeit the entire EMD of the defaulting vendor which may include the deposit made against other deliveries. In the rare event of non-acceptance of delivery items by the user, the vendor has to formally inform the nodal officer at CSIR and/or its Labs/Institutes to avoid delay in performing contractual obligations.

- (viii) After completion of the installation & commissioning, the criteria for joint acceptance test on the functional working of the VC facilities will be carried out as decided by the TEC. In case the system/sub-system (s) fails during the acceptance test or fails to perform live video conferencing, the test would be considered to be failed.

4.1.5 Installation, Commissioning and Acceptance Testing

- (i) All aspects of safe delivery shall be the exclusive responsibility of the vendor. At the final destination, the cartons will be opened only in the presence of CSIR and/or its Labs/Institutes representatives and Vendor's representative. The actual receipt of the contents of the carton in good condition subject to inspection shall form basis for certifying the receipt in good condition.
- (ii) Installation & commissioning including acceptance testing of the items at respective sites should be completed within nine weeks period from the date of delivery, failing which a penalty at the rate of 0.2% (zero point two percent) of contract value per day subject to maximum of 42 days will be imposed. Thereafter, CSIR and/or its Labs/Institutes hold the option to complete the installation work through alternate sources at the risk and cost of the defaulting vendor.
- (iii) A sticker mentioning the service support call center number of the vendor should be pasted on each system.
- (iv) For Site Not Ready (SNR) cases, vendor is required to submit certificate signed by User/Project Coordinator/Nodal Officer to CSIR and/or its Labs/Institutes. However, regarding readiness of site, the decision of the User/ Project Coordinator/Nodal Officer will be final. No penalty will be imposed for SNR cases, however, vendor has to install the items within 03 (three) weeks of receipt of Site ready notice otherwise it will attract penalty as per clause (ii) above, recoverable from BG.
- (v) During installation at site, if any item is found to be defective or broken, it will be replaced with new one by the vendor at its own costs and risks

within 15 days from the date on which the vendor has been informed of such damage. Copies of acceptance certificate duly signed by the authorized user/Project Coordinator/Nodal Officer should reach CSIR Hqrs immediately.

- (vi) The vendor should provide System manual and User manual along with each System at their respective sites, irrespective of the fact that more than one system may be meant for any location. It shall be the exclusive responsibility of the vendor to supply appropriate device drivers/systems software/firmware to make the VC equipment functional.

4.1.6 Warranty Maintenance

- (i) All Videoconferencing Systems (VC equipments, Display Systems, System Software etc) should be under three Years on-site comprehensive warranty support from the date of acceptance at the site, including free spare parts, kits etc.
- (ii) The selected vendor shall have to enter into a written agreement with CSIR for honoring all tender terms and conditions and warranty maintenance support, through a web-based monitoring system, in executing orders placed by CSIR and/or its Labs/Institutes.
- (iii) The vendor should fulfill the following conditions during the warranty period:-
 - a. Any failure in the system or a subsystem thereof should be responded and rectified within maximum period of 72 (seventy two) hours of lodging complaint.
 - b. If any system is down beyond 72 (seventy two) hours, penalty will be charged @ 1.0% (one percent) of the ordered value of the system per day.
 - c. Cumulative Penalty amount on the half-yearly basis must be deposited by the vendor to CSIR and/or its Labs/Institutes in the

form of Bank Draft/Pay Order within 30 (thirty) days of receiving such intimation for recovery from CSIR and/or its Labs/Institutes.

- d. Any system failing at subsystem level at least three times in three months, displaying chronic system design or manufacturing defects or Quality Control problem, the same will be totally replaced by the vendor with equivalent new system at his cost and risk within 30 (thirty) days from the date of last failure.
- e. In case of a system functionality failure, vendor will ensure backing up of functionality and its restoration, while making the system operational, at the site.
- f. In the event of any replacement of defective equipment during warranty period, the same should be made within seven days from the date of notice of defect failing which a penalty of Rs. 500/- per day shall be levied from the date of notice of defect till the date replacement is made.

- (iv) On completion of the warranty period, the PBG without any interest accrued shall be released after satisfying that proper warranty support has been provided during warranty period of three years for all the systems. If considered necessary, suitable amount of penalty shall be recovered from the vendor out of either already due payments or from their PBG while releasing the PBG. After expiry of warranty, CSIR and/or its Labs/Institutes have option to enter into individual Annual Maintenance Contracts of the systems held by them as per the quoted price.

4.1.7 Delivery schedule

In the case of supply from abroad, the delivery of the items ordered should be within six weeks from the date of opening of irrevocable letter of credit and in the case of supply from indigenous sources, the ordered items should be delivered within six weeks from the date of contract.

4.1.8 Payment Schedule

In cases of supply from indigenous sources

- (i). 75% payment of the contract value will be made by the Purchaser within 30 days from the date of submission of bill after supply, inspection and receipt of consignment at final destination by all the ultimate consignees in good condition as per Receipt Certificate (Annexure-O) .
- (ii) Balance 25% payment of the contract value will be made after satisfactory installation and commissioning of systems along with jointly signed and stamped installation and acceptance report subject to submission of performance Bank Guarantee equivalent to 25% of the contract value valid up to 60 days beyond the warranty period of 03 years.
- (iii) In case the site is not ready for installation, payments shall be made on submission of site not ready certificate(s) and Bank Guarantee(BG) of the amount equal to 25% of the contract value in favour of the purchaser valid for 90 days for such sites.
- (iv) Payments shall be subject to deductions of any amount for which the Vendor is liable under the agreement against this contract. Further, all payments shall be made subjects to deduction of TDS (Tax deduction at Source) if applicable, as per the income- Tax Act, 1961 and any other taxes.
- (v) All Payments shall be made in Indian Rupees only.

In cases of supply from abroad

- (i) Irrevocable letter of credit for 100% value after deducting the agency commission shall be opened by the purchaser stipulating release of 75% payment against negotiation of documents. The balance 25% shall be released after successful installation and commission of systems subject to submission of a PBG equivalent to 25% of the contract value valid

until 60 days beyond the warranty period of three years along with Receipt Certificate (Annexure-O) and jointly signed and stamped acceptance certificate. All bank charges abroad shall be to the account of the beneficiary and all bank charges in India shall be to the account of the Purchaser. Confirmation charges for the LC if desired shall be to the account of the beneficiary. In case of wrong shipment/partial shipment/warranty replacements, the shipment should be made on CIP basis at the cost of the vendor. The Indian Agency Commission would be released to the agent in equivalent Indian Rupees at the exchange rate prevailing on the date of negotiation of documents against the letter of credit. To take care of the penalty clauses, appropriate instructions to the bankers shall be incorporated in the Letter of credit for deduction at the time of release of the payments.

- (ii) In case the site is not ready for installation, payments shall be made on submission of site not ready certificate(s) and Bank Guarantee (BG) of the amount equal to 25% of the contract value in favour of the purchaser valid for 90 days for such sites.
- (iii) Payments shall be subject to deductions of any taxes and for such sums for which the vendor is liable under the agreement against this contract. Further, all payments shall be made subjects to deduction of TDS (Tax deduction at Source) if applicable, as per the income- Tax Act, 1961 and any other taxes.
- (iv) All Payments (except agency commission) shall be made in the currency of contract.

4.1.9 Earnest Money Deposit:

23. The bidder shall have to deposit an EMD as mentioned in Clause 3.3.1 of Section III in the form of a Demand Draft in favour of the Joint Secretary (Admin.), CSIR, New Delhi drawn on a nationalized/scheduled bank payable at New Delhi or Bank Guarantee as per Annexure-C along with their technical bids. The bank guarantee should be valid for 165 days from the date of bid opening. Cheques will not be accepted.

- (ii) Any bid without valid EMD will be rejected.
- (iii) Unsuccessful bidder's EMD will be returned as promptly as possible within 30 days of award of contract.
- (iv) The EMD may be forfeited: (a) If a bidder withdraws or amends, impairs or derogates from the tender in any respect within the validity period of the tender. Or (b) In case of a successful bidder, if the bidder fails to sign the contract in time or fails to submit the performance security within 21 days of signing of contract.
- (v) No interest shall be payable on EMD by CSIR.
- (vi) The EMD of the successful vendor shall be refunded after submission of the performance security (PS).

4.1.10 Settlement of disputes

23. Except where otherwise provided in the agreement, all questions and disputes relating to the meaning of the specifications, and instructions herein before mentioned and as to the quality of the materials, as to any question, claim, right, matter or thing whatsoever, in any way arising out of or relating to the Contract, Specification, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution of the same whether arising during the process of the work or after the completion or abandonment thereof shall be referred to the sole arbitration of the Director General, Council of Scientific & Industrial Research, New

Delhi, and if he is unable or unwilling to act to the sole arbitration of some other person appointed by him willing to act as such arbitrator. The submission shall be deemed to be Submission to Arbitration under the meaning of the Arbitration and Reconciliation Act, 1996 or any satisfactory modification of reenactment thereof for the time being in force, conclusive and binding on all parties of the Contract.

- (ii) The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract. If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration.
- (iii) The Contract shall be governed in accordance with the Indian laws and the venue for arbitration shall be New Delhi.

4.1.11 Award Criteria

The CSIR will award the Contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined as the overall total lowest evaluated bid provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

4.1.12 CSIR's Right to accept any Bid and to reject any or All Bids

CSIR reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to Award of Contract, without thereby incurring any liability to the affected Bidder or Bidder's .

4.1.13 Notification of award

- (i) Prior to the expiration of the period of bid validity, the CSIR will notify the successful Bidder in writing by fax to be confirmed in writing by speed post or hand delivery that his bid has been accepted.
- (ii) The notification of Award will constitute the formation of the Contract.

4.1.14 Signing of Agreement

- (i) At the same time as the CSIR notifies the successful Bidder that its bid has been accepted, CSIR will send the Bidder the Contract Form incorporating all agreement terms & conditions between the parties.
- (ii) Within three (3) days of receipt of the Contract Form, the successful Bidder shall sign with date the Contract and return it to CSIR.

4.1.15 Corrupt or Fraudulent Practices

- (i) Bidders & Vendors shall observe the highest standard of ethics during the procurement and execution of the contract.
- (ii) CSIR will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
- (iii) CSIR will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has engaged in corrupt, fraudulent, collusive or coercive practices in competing for this bid, or in executing the contract. For this purpose the definitions are as under:
 - (a) “Corrupt practice” means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

- (b) “Fraudulent practice” means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;
- (c) “Collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Borrower, designed to establish bid prices at artificial, non competitive levels; and;
- (d) “Coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.

4.1.16 Indemnity clause

The Supplier shall indemnify and hold harmless the purchaser from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs and expenses of any nature including attorney’s fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or other existing at the date of the Contract by reason of:

- a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
- b) The sale in any country of the products produced by the Goods.

If any proceedings are brought or any claim is made against the Purchaser, the Purchaser shall promptly give the Supplier a notice thereof, the supplier may at its own expense and in the Purchaser’s name conduct such proceedings or claim and any negotiation for the settlement of any such proceedings or claim.

4.1.17 Force Majeure clause

- (i) The Supplier shall not be liable for forfeiture of its Performance Security, penalty/liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- (ii) For purposes of this clause, “Force Majeure” means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes. Notice of happening of any such event should be duly endorsed by the appropriate authorities/chambers of commerce in the country of the party giving the notice.
- (iii) If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

4.1.18 Penalty Clause

(a) Penalty for late delivery

The vendor should deliver all the items to the various CSIR Labs. /Instts as per the time schedules indicated in clause 4.1.7. Any unjustified and unacceptable delay in the delivery period will render the vendor liable for penalty @ of 0.5 (half percent) of contract value per week subject to a maximum of ten weeks and thereafter CSIR and/or its Labs/Institutes holds the option to cancel the contract and forfeit the entire EMD of the defaulting vendor which may include the deposit made against other deliveries. In such a situation, CSIR and/or its Labs/Institutes will complete the execution of incomplete orders through alternate sources at the risk and cost of the defaulting vendor.

(b) Penalty for late installation & commissioning and joint acceptance testing

Installation and commissioning including acceptance testing should be completed within nine weeks period from the date of delivery, failing which a penalty at the rate of 0.2% (zero point two percent) of contract value per day subject to maximum of 42 days will be imposed. Thereafter, CSIR and/or its Labs/Institutes hold the option to complete the installation work through alternate sources at the risk and cost of the defaulting vendor.

(c) Penalty for defects/replacement during warranty period

- (i) In the event of any replacement of defective equipment during warranty period, the same should be made within seven days from the date of notice of defect failing which a penalty of Rs. 500/- per day shall be levied from the date of notice of defect till the date replacement is made.
- (ii) If any system is down beyond 72 (seventy two), penalty will be charged per hour per system @ 1.0% (one percent) of the ordered value of the system per day.
- (iii) Cumulative Penalty amount on the half-yearly basis must be deposited by the vendor to CSIR and/or its Labs/Institutes in the form of Bank Draft/Pay

Order within 30 (thirty) days of receiving such intimation for recovery from CSIR and/or its Labs/Institutes.

4.1.19 Miscellaneous

- (i) It will be imperative on each bidder to fully acquaint itself of all the local conditions and factors which would have effect on the performance of the work and its cost.
- (ii) Whilst the individual proposals shall be treated in commercial confidence, the proposals will be evaluated by a group, certain members of which may not necessarily be officers of CSIR. By responding to this tender, potential suppliers agree to their proposals being examined by this group.
- (iii) CSIR is a Central Autonomous organization, and its aims, structure and way of working may differ from that of commercial enterprises. Potential vendors should be aware of the status and environment of CSIR, and must take particular note that intellectual property rights relating to any software, equipment, products and materials acquired for this project are properly observed.
- (iv) Proposed equipments/systems should be based on the requirements and specifications given in Section II and Annexure – K respectively.
- (v) Warranty and maintenance conditions (including any costs) must be specified for the equipment/systems and other services component proposed.
- (vi) In order to assist CSIR in the objective evaluation process, potential suppliers should use the model outline and numbering scheme provided in Annexure F. Any variation to this format should be adequately described and qualified. Bidders are however, advised to go through the bidding documents carefully before submitting their bids.
- (vii) The potential vendor's performance capability and history, overall organization and a proven ability to secure any similar contracts to specification, together with the contents of the proposal,

benchmarking of systems, model response, presentations and site visits will be essential elements in the evaluation process, and in the award of the contract.

- (viii) CSIR intends that the vendor selected for the supply, installation, commissioning and maintenance of the system shall take complete responsibility for all of the work. The vendor must provide regular status reports in accordance with the Project Management Requirements set out in the tender.
- (ix) CSIR reserves the right to allocate the contracted work in a staged or phased manner.
- (x) By responding to this tender the potential vendor agrees to take the contractor's role. Where the potential vendor proposes the use of third party services in his proposals, the potential vendor should describe the third party, including their role, and the definition of responsibilities and accountabilities.
- (xi) The bidder should provide warranty support services for Three years after satisfactory installation and commissioning & acceptance of the systems.
- (xii) The responsibilities of CSIR and/or its Labs/Institutes (hereby referred to as CSIR) and prospective vendor are tabulated below:

S. No.	Activity	Primary Responsibility	Secondary Responsibility
1.0	Placement of contract	CSIR	
2.0	Schedule For delivery/inspection	Vendor	CSIR
3.0	Carrying out inspection	CSIR	Vendor
4.0	Safe Delivery of Systems at Various CSIR locations	Vendor	
5.0	Issue of receipt certificate.	CSIR	Vendor

6.0	Payment to vendor after submission of bill along with certificate at 5.0 above by the vendor	CSIR	
7.0	Installation and commissioning of systems	Vendor	
8.0	Issue of SNR Certificate	CSIR	
9.0	Carrying out joint acceptance Testing (at CSIR locations)	CSIR	Vendor
10.0	Documentation and handholding	Vendor	
11.0	Issue Acceptance Certificate	CSIR	Vendor
12.0	Submission of Invoice with all the joint acceptance certificates of all VC sites.(excluding SNR cases)	Vendor	CSIR
13.0	Payment to Vendor	CSIR	Vendor
14.0	Onsite Comprehensive Warranty Maintenance for 3 years	Vendor	
15.0	Submission of Quarterly Warranty Maintenance plan after user acceptance from each site to CSIR.	Vendor	

(xiii) Indicative Schedules

System Integrators are required to adhere to the following time-schedule.

Major Activities & Schedules

Sr. No.	Activities	Time (Incremental Weeks)
1.	Conclusion of contract	T1
2.	Delivery to all locations	T1+6
3.	Inspection, Delivery, Installation, commissioning & acceptance at respective sites.	T1+15

- (xiv) Prospective bidders are requested to provide a detailed activities time schedule and resource allocations and requirements for all the stages which represent the shortest practical time to complete all necessary tasks and meet the obligations of the requirements. All significant activities must be indicated, including those associated with the delivery, inspection, installation, commissioning, testing and maintenance of systems, key quality assurance and quality certifications.
- (xv) The system shall be tested completely by the vendor prior to being offered for acceptance testing installed in operational status at CSIR.
- (xvi) The vendor shall define detailed acceptance criteria in conjunction with the CSIR and the testing procedures should allow for the functional testing, integration testing and formal acceptance of the system by the CSIR.
- (xvii) Alterations if any in the bids should be attested properly by the vendor, failing which the tender is liable to be rejected.
- (xviii) The Bids prepared by the Vendor and all correspondence and documents relating to the bids exchanged by the Vendor and CSIR, shall be written in the English language, provided that any printed literature furnished by the Vendor may be written in another language so long as the same is accompanied by an English translation in which case, for purposes of interpretation of the bid or otherwise, the English translation shall govern.
- (xix) The Vendor shall be entirely responsible for all taxes, duties, octroi, license fees, etc., incurred for performance of the services. If there is any reduction in taxes/duties etc. due to any reason whatever, after conclusion of contract, the same shall be passed on to CSIR.
- (xx) The selected Vendor shall perform the services and carry out its obligations under the Contract with due diligence and efficiency, in

accordance with generally accepted techniques and practices used in the industry and with professional engineering and training/consulting standards recognized by national/international professional bodies and shall observe sound management, technical and engineering practices. It shall employ appropriate advanced technology and safe and effective equipment, machinery, material and methods. The Vendor shall always act, in respect of any matter relating to this Contract, as faithful advisors to CSIR and shall, at all times, support and safeguard CSIR's legitimate interests in any dealings with Third parties.

- (xxi) CSIR reserves the right to inspect the performance of the vendor prior to commencement or in between the work progress. The inspection may cover all areas related to the assigned purchase order, especially methodology, manpower, infrastructure etc.
- (xxii) The selected vendor shall not, without CSIR's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, software code, sample of information furnished by or on behalf of CSIR in connection therewith, to any person other than a person employed by the Vendor in the Performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- (xxiii) If the selected vendor is not able to fulfill its obligations under the contract, which includes non completion of the work, the CSIR reserves the right to accomplish the work through another vendor and EMD / PBG of vendor will be forfeited. Also any costs, damages etc. resulting out of the same shall have to be born by the selected vendor.
- (xxiv) Printed terms and conditions of the Bidders will not be considered as forming part of their Bid. In case terms and conditions of the contract applicable to the Invitation of Bid are not acceptable to any Bidder, he should clearly specify deviation in its bid.

- (xxv) CSIR may at any time terminate the Contract by giving written notice to the selected Vendor, without compensation to the selected Vendor, if the selected Vendor becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to CSIR.
- (xxvi) CSIR may by written notice sent to the selected Vendor, terminate the Contract, in whole or in part at any time of its convenience. The notice of termination shall specify that termination is for CSIR's convenience, the extent to which performance of work under the Contract is terminated, and the date upon which such termination becomes effective. CSIR reserves the right to elect
- (a) To have any portion completed at the Contract terms and prices; and/or
 - (b) To cancel the remainder and pay to the selected Vendor an agreed amount for partially completed Services.
- (xxvii) In the event the Vendor's Company or the concerned Division of the company is taken over/bought over by another company, all the obligations under the agreement with CSIR , should be passed on to the new company/ new Division for compliance in the negotiation for their transfer.
- (xxviii) The selected vendor automatically agree with CSIR for honoring all aspects of fair trade practices in executing the purchase orders placed by CSIR
- (xxix) If the name of the product is changed for describing substantially the same in a renamed form then all techno financial benefits agreed with respect to the original product, shall be passed on to CSIR and the obligations with CSIR taken by the Vendor with respect to the product with the old name shall be passed on to the product so renamed at no extra cost.

SECTION V

ANNEXURES

ANNEXURE – A

Technical Bid

Checklist cum Questionnaire for Bid Submission

The following check-list must be filled in and submitted with the bid document:

1.0 EMD:	
Have you submitted the EMD asked for in the tender as per Clause 1.2.8?	Yes/No
2.0 Eligibility Criteria	
1. Have you attached the Authorized System Integrator certificate of VC Equipment as per Clause 1.2.1?	Yes/No
2. Have you attached the documents pertaining to 2 years of experience in Supply, Installation, Commissioning and Maintenance of V C System out of which at least 1 year must be in similar kind of VC installation activities for single organization spread in more than 10 locations across India as per Clause 1.2.2?	Yes/No
3. Have you attached the Details of at least one Integrated project executed during last two years in Govt. /Semi govt. / Autonomous Organizations having minimum Rs. 75 lakh in value as per Clause 1.2.3?	Yes/No
4. Have you attached audited balance sheets indicating the total turnover per annum to be Rs 10.0 crores for 3 consecutive years as per Clause 1.2.4.?	Yes/No
5. Have you enclosed details of infrastructure support to service all locations and technical manpower, availability of inventory spares etc. as per Clause 1.2.5?	Yes/No
6. Have you enclosed proof of Sales Tax/VAT, Service Tax, PAN registration numbers as per Clause 1.2.6?	Yes/No
7. Have you attached the documentary proof of the bidder /OEM being an ISO 9001:2000 certified company or principal partner of the certified company as per clause 1.2.7?	Yes/No
Non-compliance to any of the above conditions would result in rejection of bids at the stage of eligibility itself	
3.0 Technical Bid:	
1. Has the bid document been issued to you or the same has been downloaded?	Issued/ downloa ded
2. Have you attached the list of clients for which you have similar type of contracts and certificates regarding satisfactory performance of the	Yes/N o

contract as per Clause 3.3.3(i)?	
3. Have you attached details of number of maintenance and support Centers in India along with detailed profiles of each as per Clause 3.3.3(ii)?	Yes/No
4. Have you attached details of your website as per Clause 3.3.3 (iii)?	Yes/No
5. Have you attached details of total IT manpower and manpower on contract for Videoconferencing across various CSIR locations as per Clause 3.3.3 (iv)?	Yes/No
6. Have you attached necessary detailed technical write up highlighting the features of accessories and all VC equipment as per Clause 3.3.3 (v)?	Yes/No
7. Have you attached the description on your understanding of the requirement as per Clause 3.3.3 (vi)?	Yes/No
8. Have you attached the life cycle details of installing the VC systems as per Clause 3.3.3 (vii)?	Yes/No
9. Have you attached the details of project management philosophy and progress reporting as per Clause 3.3.3 (viii)?	Yes/No
10. Have you attached details of subcontractors and franchisee agreements as per Clause 3.3.3 (ix) ?	Yes/No
11. Have you attached the details of major milestones as identified by you as per Clause 3.3.3 (x)?	Yes/No
12. Have you attached the response in Model response Format (Annexure –F) along with the duly filled questionnaire as per Clause 3.3.3 (xi)?	Yes/No
13. Have you attached the product equipment details, product evaluation kit, technical information, white papers etc. as per Clause 3.3.3 (xii)?	Yes/No
14. Have you attached the details of make and model for all parts/videoconferencing devices as per Annexure K as per Clause 3.3.3 (xiii)?	Yes/No
15. Have you submitted the details together with the prices eventually or finally paid for providing identical or similar services and/or equipments and/or products to other CSIR labs/Institutes for preceding three years as per Clause 3.3.3 (xiv)?	Yes/No
16. Have you attached the bid form shown in Annexure-B duly signed on the letter head as per Clause 3.3.3 (xv)	Yes/No
17. Have you attached the systems compatibility sheet (Fully Met, Partially Met –with details, Not Met) and the roadmap to meet the	Yes/No

gaps to meet the specifications as per Annexure K as per Clause 3.3.3 (xvi)?	
18. Have you attached the suggestive criteria for the conduct of inspection & tests and joint acceptance tests for VC sites as per Clause 3.3.3 (xvii)?	Yes/No
19. Have you attached the undertaking for compliance to tender technical specifications & tender terms & conditions (Annexure E) as per clause 3.3.3(xviii)?	Yes/No
20. Have you attached the site specifications and other preparations required for successful installation of the VC solution as per clause 3.3.3(xix)?	Yes/No
21. Have you confirmed your willingness to undertake on site comprehensive AMC detailing the terms and conditions as per clause 3.3.3 (xx)?	Yes/No
22. Have you submitted an undertaking stating that both the MCU and the End-points are inter-operable and compatible in case both the items offered are not of the same make as per clause 3.3.3(xxi)	Yes/No
23. Have you attached the Annexure K indicating the compliance with the Technical specifications duly signed as per clause 3.3.3(xxii)?	Yes/No

4.0 Financial Bid:

1. Have you attached the bid form in the format shown in Annexure-I duly signed on the letter head as per Clause 3.3.4(i)?	Yes/No
2. Have you attached the applicable price schedule form for the systems / equipment in the format specified in Annexure – J as per Clause 3.3.4(i & ii)?	Yes/No
3. Have you indicated the charges towards on site comprehensive AMC per year for a period of 2 years as per the applicable price schedule form in line with clause 3.3.4(ii)?	Yes/No
4. Have you indicated the lump sum charges towards support services for the VC sessions in the applicable price schedule forming line with clause 3.3.4(ii)?	Yes/No
5. Are the prices quoted inclusive of 03 years on site comprehensive warranty and FOR delivery at final destinations including commissioning as per Clause 3.3.4(vii) & (viii)?	Yes/No

Note: This questionnaire forms an important part of the compliance and technical evaluation. Please respond to this questionnaire carefully. Any ambiguity and / or misrepresentation to the reply of above questionnaire will result in the rejection of the bid.

4.0 Please arrange your bid document for each part as given below:

PART A

- (i) EMD Demand Draft; along with check list and below that
- (ii) Eligibility Criteria Documents: the documents should be attached in the same serial order as specified in 2.0 above; below that
- (iii) TECHNICAL BID: the documents should be attached in same serial order as specified in 3.0 above

PART B

- (iv) FINANCIAL BID: the documents should be attached in same serial order as specified in 4.0 above

NOTE: If the bid is not submitted as per the format, the same is liable to be rejected.

ANNEXURE – B
Technical Bid

BID FORM
(Technical Bid)

(To be submitted on the firm's letter head and signed by an authorized person)

To

The Joint Secretary
Council of Scientific & Industrial Research
Anusandhan Bhawan,
2 Rafi Marg,
New Delhi 110 001

Ref: Bid document No. 13-2(43)/2006-07-Pur dated-----

Sir,

Having examined the bidding documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver goods at CSIR locations (annexure – N) as per the schedule of requirements and in conformity with the said bidding documents.

We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the bidding documents.

If our bid is accepted, we will submit a bank guarantee for the sum equivalent to 25% of the Contract Price valid for a period of 38 months for the due performance of the Contract, in the form prescribed by the Council of Scientific & Industrial Research within 21 days of the signing of contract.

We agree to abide by this bid for a period of One Hundred and Twenty days after the date fixed for opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

1. We declare:

- i) That we have a team of technically qualified engineers and have state-of-the-art infrastructure.
- ii) That our premises are equipped with all the facilities specified in the document.

2. We hereby offer to supply the Goods/Services at the prices and rates mentioned in the Financial Bid.

3. We enclose herewith the complete Technical Bid as required by you and as specified in Section III clause 3.3.3.

4. We have carefully read and understood the terms and conditions of the bid document and the conditions of the contract applicable to the bid document and we do hereby undertake to supply as per these terms and conditions.

5. Certified that the bidder is:

A sole proprietorship firm and the person signing the bid document is the sole proprietor/constituted attorney of the sole proprietor,

or

A partnership firm, and the person signing the bid document is a partner of the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/by virtue of general power of attorney,

or

A company and the person signing the document is the constituted attorney.

(NOTE: Delete whatever is not applicable. All corrections/deletions should invariable by duly attested by the person authorized to sign the bid document)

6. We do hereby undertake, that, until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and placement of letter of intent awarding the work order, shall constitute a binding contract between us.

Dated this day of 2007

Signature of Bidder

Details of enclosures.

Full Address:_____

Telephone No._____

Telegraphic Address:_____

Fax No. _____

E-mail _____

COMPANY SEAL

BID SECURITY FORM (EMD)

**MODEL BANK GUARANTEE FORMAT FOR FURNISHING BID
SECURITY (EMD)**

Whereas
(hereinafter called the "tenderer")
has submitted their offer dated.....
for the supply of
(hereinafter called the "tender")
against the purchaser's tender enquiry No.
KNOW ALL MEN by these presents that WE
of having our registered office at
..... are bound unto
(hereinafter called the "Purchaser")
in the sum of
for which payment will and truly to be made to the said Purchaser, the Bank
binds itself, its successors and assigns by these presents. Sealed with the
Common Seal of the said Bank this..... day of20.....
THE CONDITIONS OF THIS OBLIGATION ARE:
(1) If the tenderer withdraws or amends, impairs or derogates from the
tender in any respect within the period of validity of this tender.
(2) If the tenderer having been notified of the acceptance of his tender by the
Purchaser during the period of its validity:-
a) If the tenderer fails to furnish the Performance Security for the due
performance of the contract.
b) Fails or refuses to accept/execute the contract.

WE undertake to pay the Purchaser up to the above amount upon receipt of its first
written demand, without the Purchaser having to substantiate its demand, provided that
in its demand the Purchaser will note that the amount claimed by it is due to it owing to
the occurrence of one or both the two conditions, specifying the occurred condition or
conditions.

This guarantee will remain in force upto and including 45 days after the period
of tender validity and any demand in respect thereof should reach the Bank not
later than the above date.

.....
(Signature of the authorized officer of the Bank)

.....
Name and designation of the officer

.....
Seal, name & address of the Bank and address of the Branch

PERFORMANCE SECURITY FORM

MODEL BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY

To
The Joint Secretary(Admn.)
Council of Scientific & Industrial Research
Anusandhan Bhawan
2, Rafi Marg
New Delhi-110001.
(Attn : The Controller of Stores and Purchase)

WHEREAS
(name and address of the supplier) (hereinafter called “the supplier”) has
undertaken, in pursuance of contract no. 13-2(43)/2006-07-Pur dated
to supply (description of goods and services) (herein after called “the contract”).
AND WHEREAS it has been stipulated by you in the said contract that
the supplier shall furnish you with a bank guarantee by a scheduled
commercial bank recognized by you for the sum specified therein as security for
compliance with its obligations in accordance with the contract;
AND WHEREAS we have agreed to give the supplier such a bank
guarantee;
NOW THEREFORE we hereby affirm that we are guarantors and
responsible to you, on behalf of the supplier, up to a total of
..... (amount of the guarantee in
words and figures), and we undertake to pay you, upon your first written
demand declaring the supplier to be in default under the contract and without
cavil or argument, any sum or sums within the limits of (amount of guarantee)
as aforesaid, without your needing to prove or to show grounds or reasons for
your demand or the sum specified therein.
We hereby waive the necessity of your demanding the said debt from the
supplier before presenting us with the demand.
We further agree that no change or addition to or other modification of
the terms of the contract to be performed there under or of any of the contract
documents which may be made between you and the supplier shall in any way
release us from any liability under this guarantee and we hereby waive notice
of any such change, addition or modification.
This guarantee shall be valid until the day of, 20.....

.....
(Signature of the authorized officer of the Bank)

.....
Name and designation of the officer

.....
Seal, name & address of the Bank and address of the Branch

ANNEXURE - E
Technical Bid

***UNDERTAKING ON COMPLIANCE OF TECHNICAL SPECIFICATIONS AND
TENDER TERMS & CONDITIONS***

I/we hereby undertake that I/we have studied and understood the technical specifications (Section I, Section II and Annexure K) and tender terms and conditions completely.

I/We hereby undertake that we shall comply with the technical specifications and tender terms and conditions and there are no deviations of any manner in this regard from my/our side.

Signature of Authorized Signatory
Name of the Signatory
Company Name
Date
Place
Company Seal

TENDER RESPONSE MODEL OUTLINE

The following notes offer guidance to proposing vendors in the form of a model outline for their response document. All the headings indicated below must be addressed in the sequence shown, providing as much relevant detail as possible. (Conformance to this outline will assist the subsequent evaluation and selection activities, and any variations should be documented).

Additional headings and information may be provided by the proposing supplier where they are required to include additional details or explanations.

1. Description of the Proposing Vendor.
Specifically include legal status, ownership, and the name of the person within the company who is responsible for this project.
2. The Proposing Vendor's General Understanding of the Project Requirements and the Proposed Total Solution
3. The Main Features of the Proposed Solution and Any Areas of Risk
4. Upgrade Strategy
Describe the strategy suggested for future upgrade of the supplied systems and any impact this strategy may have on operation etc.
5. Documentation (training and system specification and solution document)
6. Backup of spares at site & contingency plans.
Describe the backup of spares at CSIR locations and contingency plans/ measures that will be provided.
7. Maintenance and Support
Describe the maintenance and continuing technical support services, escalations etc that will be provided for the proposed systems.
8. Implementation Activities and Timing
Provide detailed time schedule for the proposed implementation activities including the testing, delivery, installation, commissioning and maintenance of systems,

9. Requirements for Office Staff Involvement

Details of the requirements of involvement of CSIR and/or its Labs/staff in the project activities such as design, specification, development, testing, training, and related project activities.

10. Benchmarking/Testing Procedures and Test Data Specification

Details of the proposed benchmarking/ testing procedures for equipments/systems.

11. Installation across all CSIR locations.

Details of the procedures to be followed for the installation of equipments/systems

12. Warranties and Guarantees

Details of the warranty and guarantee conditions.

13. References and Experience in Appropriate Fields

Details of relevant references (including contact names) and experience of the proposing supplier in the supply, installation, commissioning and maintenance of similar systems environments.

14. Other Relevant Information

Any other information, details, and observations that the proposing vendor considers relevant to the understanding and delivery of their proposed solution.

ANNEXURE - G

Proforma of Certificate for Joint Inspection Report after Successful Commissioning of the Equipment

No. _____

Dated: _____

M/s _____

Sub: Certificate of commissioning of VC equipment.

1. This is to certify that the equipment as detailed below has/have been received in good condition along with all the standard and special accessories (subject to remarks in Para 2). The same has been installed and commissioned.

- (a) Contract No. **13-2(43)/2006-07-Pur** Dated _____
- (b) Description of the equipment _____
- (c) Name of the consignee _____
- (d) Scheduled date of dispatch of the consignment to the Lab./Instts. _____ *(in case of imports)*
- (e) Actual date of dispatch _____ *(in the case of imports)*
- (f) Scheduled date of delivery of the consignment to the Lab./Instts. _____ *(in case of supplies within India)*
- (g) Actual date of receipt of the consignment to the Lab./Instts. _____
- (h) No. of packages required to be received _____
- (i) No. of packages actually received _____
- (j) Scheduled date for completion of installation/commissioning & joint acceptance testing _____
- (k) Actual date of completion of installation/commissioning & joint acceptance testing _____
- (l) Penalty for late delivery (at Lab./Instts. level) Rs. _____
- (m) Penalty for late installation, commissioning and joint acceptance testing Rs. _____

2. Details of accessories/items not yet supplied and recoveries to be made on that account:

Sl. No.	Description	Amount to be recovered
---------	-------------	------------------------

3. The acceptance test has been done to our entire satisfaction.
The supplier has fulfilled his contractual obligations satisfactorily
Or

The supplier has failed to fulfill his contractual obligations with regard to the following:

- (a).....
- (b)
- (c).....
- (d).....

The amount of recovery on account of failure of the supplier to meet his contractual obligations is as indicated at Sr. No. 1 & 2.

For Supplier
Signature.....
Name.....
Designation.....
Name of the firm.....
Date.....

For CSIR/ CSIR Lab/Institute
Signature.....
Name.....
Designation.....
Name of the Lab./Instt.....
Date.....

ANNEXURE – H

NOTIFICATION

No. 10/97-CENTRAL EXCISE

New Delhi, the 1st March, 1997
10 Phalguna, 1918 (Suku)

G.S.R. (E).-In Exercise of the powers conferred by sub-section (1) of section 5A of the Central Excise Act, 1944 (1 of 1944), the Central Government, being satisfied that it is necessary in the public interest so to do, hereby exempts goods specified in column (3) of the Table below and falling under the Schedule to the Central Excise Tariff Act, (5 of 1986), from the whole of the duty of excise leviable thereon which is specified in the said Schedule, when supplied to the institutions specified in the corresponding entry in column (2) of the said Table, subject to the conditions specified in the corresponding entry in column (4) of the said Table.

TABLE

Sr. No.	Name of the Institutions	Description of goods	Conditions
(1)	(2)	(3)	(4)
1.	Public funded research institution or a university or an Indian Institute of Technology or Indian Institute of Science, Bangalore or a Regional Engineering College, other than a hospital	(a) Scientific and technical instruments, apparatus, equipment (including computers): (b) accessories and spare parts of goods specified in (a) above and consumables: (c) Computer software, Compact Disc-Read Only Memory (CD-ROM), recorded	(i) If the institution - (a) is a public funded research institution under the administrative control of the Department of Space or Department of Atomic Energy or the Defence research Development Organization of the Government of India and produces a certificate to that effect from an officer not below the rank of a Deputy Secretary to the Government of India in the concerned department to the manufacturer at the time of clearance of the specified goods; or (b) is registered with the Government of India in the Department of Scientific and Industrial Research and the manufacturer produces at the time

	magnetic tapes, microfilms, microfiches,	of clearance, a certificate from the Head of the institution in each case, certifying that the said "goods" are required for research purposes only.
	(d) Prototypes	(ii) The aggregate value of prototypes received by an institution does not exceed fifty thousand rupees.
2. Non-commercial research institutions, other than a hospital	(a) Scientific and technical instruments, apparatus, equipment (including computers);	(i) the institution is registered with the Government of India in the Department of Scientific and Industrial Research;
	(b) accessories and spare parts thereof and consumables;	(ii) an officer not below the rank of a Deputy Secretary to the Government of India in the said Department certifies in each case, that the institution is not engaged in any commercial activity and that the institution is not engaged in any commercial activity and that the said goods are required for research purposes only;
	(c) Computer software, Compact Disc-Read Only Memory (CD-ROM), recorded magnetic tapes, microfilms, microfiches.	(iii) the goods are covered by a Pass-book issued by the said Department;
	(d) Prototypes	(iv) the aggregate value of goods received under this exemption by an institution does not exceed rupees two crores in the case of consumables, rupees two crores in the case of consumables, rupees fifty thousand in case of prototypes and rupees five crores in other cases, in a financial year

Explanation – For the purposes of this notification, the expression, -

- (a) "Public funded research institution" means a research institution in the case of which not less than fifty per cent of recurring expenditure is met by the Central Government or the Government of any State of the administration of any Union Territory.
- (b) "University" means a university established or incorporated by or under a Central, State or Provincial Act and includes

- ☐ an institution declared under section 3 of the University Grants Commission Act, 1956 (3 of 1956) to be a deemed university for the purposes of that Act;
- ☐ an institution declared by Parliament by law to be an institution of national importance;
- ☐ a college maintained by, or affiliated to, a University;
- (c) "Head" means –
 - ☐ in relation to an institution, the Joint Secretary thereof (by whatever name called);
 - ☐ in relation to a University, the Registrar thereof (by whatever name called);
 - ☐ in relation to a college, the Principal thereof (by whatever name called);
- (d) "Hospital" includes any Institution, Centre, Trust, Society, Association, Laboratory, Clinic or Maternity Home, which renders medical, surgical or diagnostic treatment.

Sd/-

(NAVNEET GOEL)

UNDER SECRETARY TO THE GOVERNMENT OF INDIA

CUS NTF NO. 51/1996 DATE 23/07/1996

Exemption to research equipment imported by public funded and non-commercial research institutions and I.I.T. etc.

In exercise of the powers conferred by sub-section (1) of section 25 of the Customs Act, 1962 (52 of 1962), the Central Government, being satisfied that it is necessary in the public interest so to do, hereby exempts goods falling within the First Schedule to the Customs Tariff Act, 1975 (51 of 1975) and specified in column (3) of the Table hereto annexed, **from so much of that portion of the duty of customs leviable thereon which is specified in the said First Schedule as is in excess of the amount calculated at the rate of five percent advalorem** and from the whole of the additional duty leviable thereon under section 3 of the said Customs Tariff Act, when imported into India, by importers specified in column (2) of the said Table, subject to the conditions specified in the corresponding entry in column (4) of the said Table.

(In this para bold words has been substituted vide cus [Ntf.No.24/2002](#) dt.1/3/2002)

2. This notification shall come into force with effect from the 1st day of September, 1996.

TABLE

S.No.	Name of the importer	Description of goods	Conditions
(1)	(2)	(3)	(4)
1.	Public funded research institution or a university or an Indian Institute of Technology or Indian Institute of Science, Bangalore or a Regional Engineering College, other than a hospital	(a) Scientific and technical instruments, apparatus, equipment (including computers); (b) accessories, parts, consumables and live animals (for experimental purposes); (c) Computer software, Compact Disc-Read Only Memory (CD-ROM), recorded magnetic tapes, microfilms, microfiches; (d) proto-types, the C.I.F. value of which does not exceed rupees fifty thousand in a financial year.	(i) The goods 'are imported by or for delivery to- (a) a public funded research institution under the administrative control of the Department of Space or the Department of Atomic Energy or the Department of Defence Research and Development of the Government of India, or (b) an institution registered with the Government of India in Department of Scientific and Industrial Research; and the importer produces a certificate to this effect from an officer not below the rank of a Deputy Secretary in the concerned Department; (ii) The importer produces, at the time of importation, a certificate from the head of the institution, in each case, certifying that the said goods are required for research purposes only;

			<p>(iii) In the case of import of live animals for experimental purposes, the importer produces, at the time of importation, a certificate from the Head of the Institution that the live animals are required for research purposes and enclose a no objection certificate issued by the Committee for the Purpose of Control and Supervision of Experiments on Animals; and</p> <p>(In this col.4 in con.(iii) bold words has been substituted vide cus Ntf.No.24/2002 dt.1/3/2002)</p> <p>(iv) When the goods are imported for delivery to an institution, the certificates specified in items (i) and (ii), as the case may be, items (i), (ii) and (iii) above shall be produced at the time of clearance of the goods from a warehouse appointed under Section 57 or 58 of the Customs Act, 1962 (52 of 1962).</p> <p>(b) is registered with the Government of India in Department of Scientific and Industrial Research; and (ii) produces, at the time of importation, a certificate from the head of the institution, in each case, certifying that the said goods are required for research purposes only.</p>
2.	Non-commercial research institutions, other than a hospital	<p>(a) Scientific and technical instruments, apparatus, equipment (including computers; (b) accessories, parts, consumables and live animals (for experimental purposes);</p> <p>(In col.3 item (b) has been substituted vide cus Ntf.No.24/2002 dt.1/3/2002)</p> <p>[OLD(b) accessories, parts and consumables;]</p>	<p>(i) The importer is registered with the Government of India in the Department of Scientific and Industrial Research;</p> <p>(ii) an officer not below the rank of a Deputy Secretary to the Government of India in the said Department certifies, in each case, that the importer is not engaged in any commercial activity and that the said goods are required for research purposes only;</p> <p>(iii) in the case of import of live animals for experimental purposes, the importer produces, at the time of importation, a no objection certificate for the said import from the Committee for the purpose of</p>

		<p>(c) computer software, Compact Disc-Read Only Memory (CD-ROM), recorded magnetic tapes, microfilms. Microfiches;</p> <p>(d) proto-types.</p>	<p>Control and Supervision of Experiments on Animals and a certificate from an officer not below the rank of Deputy Secretary to the Government of India in the said Department stating that live animals are required for research purposes;</p> <p>(iv) the goods are covered by a Pass-Book issued by the said Department;</p> <p>(v) the aggregate C.I.F. value of imports under this exemption does not exceed rupees two crore in the case of consumables, rupees fifty thousand in the case of prototypes and rupees five crore in other cases, in a financial year.</p> <p>(In col.4 con.(iii)& (iv) has been substituted vide cus Ntf.No.24/2002 dt.1/3/2002)</p> <p>[OLD(iii) the goods are covered by a Pass-Book issued by the said Department;</p> <p>(iv) the aggregate C.I.F. value of imports under this exemption does not exceed rupees two crores in the case of consumables, rupees fifty thousand in the case of proto-types and rupees five crores in other cases, in a financial year.]</p>
3.	Departments and laboratories of the Central Government and State Government, other than a hospital	<p>(a) Scientific and technical instruments, apparatus, equipment (including computers);</p> <p>(b) Accessories, parts, consumables and live animals (for experimental purposes);</p> <p>(c) Computer software, Compact Disc-Read Only Memory (CD-ROM), recorded magnetic tapes, microfilms, microfiches; and</p> <p>(d) Prototypes, the CIF value of which</p>	<p>(i) The importer produces a certificate from the head of the institute, in each case, certifying that the said goods are required for research purposes only;</p> <p>(ii) in the case of import of live animals for experimental purposes, the importer produces, at the time of importation, a certificate from the head of the institution that the live animals are required for research purposes and encloses a no objection certificate issued by the Committee for the Purpose of Control and Supervision of Experiments on Animals; and</p> <p>(iii) When the goods are imported for delivery to an institution, the certificates specified in the clauses (i) and (ii) above shall be produced</p>

		does not exceed rupees fifty thousand in a financial year.	at the time of clearance of the goods from a warehouse appointed under section 57 or section 58 of the said Customs Act.
4.	Regional Cancer Center (Cancer Institute)	<p>(a) Scientific and technical instruments, apparatus, equipment (including computers);</p> <p>(b) Accessories, parts, consumables and live animals (for experimental purposes);</p> <p>(c) Computer software, Compact Disc-Read Only Memory (CD-ROM), recorded magnetic tapes, microfilms, microfiches.</p>	<p>(i) The goods are imported by the Regional Cancer Centre registered with the Government of India, in the Department of Scientific and Industrial Research; and the importer produces a certificate to this effect from an officer not below the rank of a Deputy Secretary in the concerned Department;</p> <p>(ii) The importer produces a certificate from the head of the institute, in each case, certifying that the said goods are required for research purposes only;</p> <p>(iii) in the case of import of live animals for experimental purposes, the importer produces, at the time of importation, a certificate from the head of the institution that the live animals are required for research purposes and encloses a no objection certificate issued by the Committee for the Purpose of Control and Supervision of Experiments on Animals; and</p> <p>(iv) When the goods are imported for delivery to an institution, the certificates specified in the clauses (i) and (ii) above shall be produced at the time of clearance of the goods from a warehouse appointed under section 57 or section 58 of the said Customs Act.</p>
(In the Table S.Nos.3 & 4 has been inserted vide CUS NTF NO. 28/2003 DATE 01/03/2003)			

Explanation.-For the purposes of this notification, the expression,-

(a) "Public funded research institution" means a research institution in the case of which not less than fifty per cent of the recurring expenditure is met by the Central Government or the Government of any State or the administration of any Union territory;

(b) "University" means a university established or incorporated by or under a Central, State or Provincial Act and includes-

- (i) an institution declared under section 3 of the University Grants Commission Act, 1956 (3 of 1956) to be a university for the purposes of that Act;
- (ii) an institution declared by Parliament by law to be an institution of national

importance;
(iii) a college maintained by, or affiliated to, a University;

(c) "Head" means -

- (i) in relation to an institution, the Director thereof (by whatever name called);
- (ii) in relation to a University, the Registrar thereof (by whatever name called);
- (iii) in relation to a college, the Principal thereof (by whatever name called);

(d) "Hospital" includes any Institution, Centre, Trust, Society, Association, Laboratory, Clinic or Maternity Home which renders medical, surgical or diagnostic treatment.

___CUS NTF NO. 19/2006 DATE 01/03/2006

Seeks to impose special CVD of 4% on all imported goods in lieu of state taxes / VAT

G.S.R. (E).- In exercise of the powers conferred by sub-section (5) of section 3 of the Customs Tariff Act, 1975 (51 of 1975), the Central Government, on being satisfied that it is necessary in the public interest so to do, and in super session of the notification of the Government of India in the Ministry of Finance (Department of Revenue), [No. 19/2005-Customs](#), dated the 1st March, 2005 [number G.S.R. 117(E), dated the 1st March, 2005], hereby directs that all goods specified under the Chapter, heading, sub-heading or tariff item of the First Schedule to the said Act, having regard to the sales tax, value added tax, local tax and other taxes or charges leviable on sale or purchase or transportation of like goods in India, when imported into India, shall be liable to an additional duty of customs at the rate of four percent. advalorem.

[F.No.334/3/2006-TRU]

(S.Bajaj)
Under Secretary to the Government of India

ANNEXURE –I
Financial Bid

Bid Form
(On the letter head of the firm submitting the bid document)

To

The Joint Secretary
Council of Scientific & Industrial Research
Anusandhan Bhawan,
2 Rafi Marg,
New Delhi 110 001

Ref: Bid document No 13-2(43)/2006-07-Pur dated_____

Sir,

Having examined the bidding documents and having submitted the technical bid for the same, we, the undersigned, hereby submit the financial bid for supply of goods and services as per the schedule of requirements and in conformity with the said bidding documents.

We hereby offer to supply the Goods / Services at the prices and rates mentioned in the Financial Bid.

We do hereby undertake that, in the event of acceptance of our bid, the supply of Goods/Services shall be made as stipulated in the schedule to the Bid document and that we shall perform all the incidental services.

The prices quoted are inclusive of all charges including supply, installation, commissioning, training for 03 persons per site and 03 years on site comprehensive warranty for all the CSIR and/or its Labs/Institutes across India.

We enclose herewith the complete Financial Bid as required by you. This includes:

Bid Form duly signed and stamped
Applicable Price Schedule form.

We agree to abide by our offer for a period of 120 days from the date fixed for opening of the bid documents and that we shall remain bound by a communication of acceptance within that time.

We have carefully read and understood the terms and conditions of the bid document and we do hereby undertake to supply as per these terms and conditions. The Financial Deviations are only those mentioned in the statement of deviations from financial terms and conditions.

Certified that the bidder is:

A sole proprietorship firm and the person signing the bid document is the sole proprietor/constituted attorney of sole proprietor,

or

A partnership firm, and the person signing the bid document is a partner of the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/ by virtue of general power of attorney,

Or

A company and the person signing the bid document is the constituted attorney.

Or

(NOTE: Delete whatever is not applicable. All corrections / deletions should invariably be duly attested by the person authorized to sign the bid document.)

We do hereby undertake, that, until a formal work order is prepared and executed, this bid, together with your written acceptance thereof and placement of letter of intent awarding the work order, shall constitute a binding contract between us.

Dated this day of _____ 2007

Signature of Bidder

Details of enclosures

Full Address:

Telephone No.

Telegraphic Address:

Fax No.

E-mail:

COMPANY SEAL

Financial Bid
(To be filled up in cases of supply from indigenous sources)

Table- I: Price Schedule for Video Conferencing requirement
(Detailed technical specifications are at Annexure K).

Sl. No.	Description	Unit	Quantity	Unit price EXW	Total price EXW (bxc)	VAT/other taxes applicable (please specify)	Total Price inclusive of all taxes (d+e)
		(a)	(b)	(c)	(d)	(e)	(f)
1	Category–A : Videoconferencing End Point : Point to Point system Videoconferencing end points- Point to Point System	Number	44				
2	Category –B1 : Videoconferencing End Points - Support 4 Parties in a call Videoconferencing end points	Number	3				
3	Category – B2 Videoconferencing End Points to support 6parties in a call Videoconferencing end points	Number	1				
4	Category C: Multi Conferencing Unit	Number	1				
5	Category D: PLASMA SCREEN (s)	Number	47				
6	Category E1 :DVD recorder with 40 GB hard disk necessary cables	Number	2				
7	Category E2: Power camera (extra auxiliary camera same as the camera of the end point falling in category B2)	Number	1				
8	Category E3: Switcher	Number	1				

9	Category E4: Surface mountable enclosures for cables / AAP's/AC power outlets	Number	1				
10	Category E 5: Four input Video and RGB scaler standard version	Number	5				
11	Category E6: Rack for housing AV equipments with standard accessories & universal power strips with sockets	Number	1				
12	Category E7: 8 x 8 Digital Signal processing	Number	1				
13	Category E8: 8 input DSP	Number	1				
14	Category E9: Boundary Layer Microphone	Number	4				
15	Category E10: Wireless lapel microphone with UHF transmitter and half rack mount receiver	Number	1				
16	Category E11 : Wireless hand held microphone	Number	4				
17	Category E12:Centralized Control System (processor)	Number	1				
18	Category E13:Control Touch Panel	Number	1				
19.	Category F: Document Camera	Number	48				
20.	Category G Interactive White board SVGA	Number	48				
21.	Category H: Multimedia Projector	Number	1				
22.	Category I: High Gain Screen	Number	2				
23	Category M:						
	ISDN BRI module for Category 'A'	Number	46				

	ISDN PRI module for Category 'B1'	Number 2				
	TOTAL					
	Price for inland transportation, insurance and other local services for delivery to the various final destinations					
	Total Price(all inclusive) (FOR final destination)					

24	Category L: AMC charges (for all VC sites as per annexure L) (expressed as % of quoted price of EXW per year)	Per year.	Total EXW price	_____ % of total EXW price per year.
25	Category N: Cost of entry level manpower to provide assistance during VC sessions	Per VC session of appx. 02 hours for all sites		_____ Rs. (lump sum charges)

Signature of Authorised Signatory
Name:
Date:
Place:
Company Seal:

Note:

1. Costs should be indicated clearly.
2. The prices quoted shall be inclusive of all Taxes/duties (for example Service Tax etc.), logistics etc and other charges, if any including transportation to final destination.
3. Prices should be mentioned against each column using both figures and words.
4. The prices indicated by the bidder should be inclusive all expenses in terms of three year comprehensive onsite maintenance.
5. Price for all items must be quoted otherwise the bid is liable to be rejected.

ANNEXURE – J
Financial Bid

(To be filled up in cases of supply from abroad)

Table- I: Price Schedule for Video Conferencing requirement
(Detailed technical specifications are at Annexure K). Currency _____

Sl. No.	Description	Unit	Quantity	All inclusive Unit price FCA	All inclusive total price(FCA basis (b)x(c)	Agents' commission as a % of FCA price included in the all inclusive FCA Total price
		(a)	(b)	(c)	(d)	(e)
1	Category–A : Videoconferencing End Point : Point to Point system Videoconferencing end points- Point to Point System	Number	44			
2	Category –B1 : Videoconferencing End Points - Support 4 Parties in a call Videoconferencing end points	Number	3			
3	Category – B2 Videoconferencing End Points to support 6parties in a call Videoconferencing end points	Number	1			
4	Category C: Multi Conferencing Unit	Number	1			
5	Category D: PLASMA SCREEN (s)	Number	47			
6	Category E 1: DVD recorder with 40 GB hard disk necessary cables	Number	2			
7	Category E2: Power camera (extra auxiliary camera same as the camera of the end point falling in	Number	1			

	category B2)					
	Category E3: Switcher	Number	1			
9	Category E4: Surface mountable enclosures for cables / AAP's/AC power outlets	Number	1			
10	Category E 5: Four input Video and RGB scaler standard version	Number	5			
11	Category E6: Rack for housing AV equipments with standard accessories & universal power strips with sockets	Number	1			
12	Category E7: 8 x 8 Digital Signal processing	Number	1			
13	Category E8: 8 input DSP	Number	1			
14	Category E9: Boundary Layer Microphone	Number	4			
15	Category E10: Wireless lapel microphone with UHF transmitter and half rack mount receiver	Number	1			
16	Category E11 : Wireless hand held microphone	Number	4			
17	Category E12:Centralized Control System (processor)	Number	1			
18	Category E13:Control Touch Panel	Number	1			
19.	Category F: Document Camera	Number	48			
20.	Category G Interactive White board SVGA	Number	48			
21.	Category H: Multimedia Projector	Number	1			
22.	Category I: High Gain Screen	Number	2			
23	Category M:					

	ISDN BRI module for Category 'A'	Number	46			
	ISDN PRI module for Category 'B1'	Number	2			
	Total FCA _____ (named place of delivery)					
	I & F charges to the various final destinations					
	Total Price (all inclusive) CIP basis					

24	Category L: AMC charges (for all VC sites as per annexure L) (expressed as % of total price FCA basis)(Per year)	Per year.	Total price FCA basis	_____ % of total FCA price.
25	Category N: Cost of entry level manpower to provide assistance during VC sessions	Per VC session of appx. 02 hours for all sites		_____ Rs. (lump sum charges)

Signature of Authorised Signatory
Name :
Date:
Place:
Company Seal:

Note :

1. Costs should be indicated clearly.
2. The prices quoted shall be inclusive of all Taxes/duties.
3. Prices should be mentioned against each column using both figures and words.
4. The prices indicated by the bidder should be inclusive all expenses in terms of three year comprehensive onsite maintenance.
5. Costs for all items must be quoted otherwise the bid are liable to be rejected.

ANNEXURE – K

Sr. No.	SPECIFICATIONS	Technical Compliance
	Category – A Videoconferencing Endpoint to support point to point call	
	Totally Integrated, all-in-one unit (including Pan Tilt Zoom (PTZ) camera with Presets and Codec for simple installation with Plasma/LCD TV for use over RJ-45 IP network H.323 upto 2 Mbps or more speed & H. 320 ISDN BRI network upto 384 kbps	
	Frame Rates	
	30 frames per second @ 256Kbps or above	
	Video Standards & protocols:	
	H.261, H.263+, H.263++, H.264, ITU 30 fps	
	Should have auto/manual focus and brightness with 10 x Zoom, +/- 95 degrees PAN and at least 12 near end camera presets with capability to operate in normal room illumination conditions support. Total field of view: Minimum 265 degree.	
	Should have Live video resolution at 4CIF, SIF, 4SIF	
	Should be H.323 & H.320 standards complaint.	
	Video codec should support 4:3 & 16:9 format	
	Support for DVI/VGA/XGA interface	
	System must support H.239 protocol	
	2 Video inputs for connecting to document camera/ other devices and VCR	
	2 Composite video /s-video outputs	
	Picture in Picture Video Support , screen layout .	
	Support for 4 CIF (H.261) for sending data	
	Support for H.243 chair control for controlling a Multipoint conference.	
	Support for H.281 Far End camera control	
	Codec should have integrated solution for showing data from PC/Laptop over IP/ISDN network along with VC session	
	Should have G.728, G.722 & G.711 audio coding support	
	System must be equipped with mic supporting 360° pick up.	
	Built in echo canceller and Noise reduction.	
	One external microphone	
	Easy to use hand held remote control	

	Audio inputs for connecting two microphones	
	Technical Support directly from the bidder through E-mail during warranty period.	
	The product should support ITU Standards.	
IP network features:		
	IP Precedence / Type of Service (TOS) /Auto gatekeeper Discovery	
	Resource Reservation Protocol (RSVP)	
Network interfaces and connectors:		
	3 x ISDN BRI (RJ-45)	
	1 x LAN / Ethernet (RJ-45)/10/100 Mbit (LAN/DSL cable modem)	
	Should come with all the power & communications cables necessary for the above features	
Others		
	Support (AES) encryption	
	System must have AES encryption for ISDN, serial and IP calls.	
	Support for easy software upgrades through LAN or any other interface	
	Operating conditions: 230 volts, 50 Hz and PAL video standard.	
	Support for Gatekeeper / NAT	
	Additional hardware/software to show PC presentation / application screens / PC Data	
	Three year free software subscription for all major and minor software release (Three year free software)	
	With Auto sensing power supply	
Category– B1 Videoconferencing End Points to support 4 parties in a call		
	Totally Integrated, with four sites in the same videoconference using the high bandwidth embedded MultiSite. All-in-one unit (including Pan Tilt Zoom (PTZ) camera with Presets and Codec for simple installation with Plasma/LCD TV for use over RJ-45 IP network H.323 upto 2 Mbps or more speed & H. 320 ISDN BRI network upto 512 Kbps.	
Frame Rates:		
	30 frames per second @ 256 Kbps or more	

Video Standards & Support For:	
	H.261,H.263+, H.263++ , H.264 ITU 30 fps
	Should have auto/manual focus and brightness with 10 x Zoom, +/- 95° degrees PAN and at least 12 near end camera presets with capability to operate in normal room illumination conditions support. Total field of view: - Minimum 265 °
	Should have Live video resolution at 4CIF, SIF, 4SIF
	Should be H.323 & H.320, standards complaint
	Video codec should support 4:3 & 16:9 format
	Support for DVI/VGA/XGA interface
	System must have H.239 for sharing of video and graphics content during the video call with minimum CIF (352 x 288) Pixels.
	2 Video inputs for connecting to document camera/ other devices and VCR.
	2 Composite video /S-Video outputs
	Screen Layouts ,Picture in Picture Video Support
	Support for H.243 chair control for controlling a Multipoint conference.
	Support for 4 CIF (H.261) for sending data.
	Support for H.281 Far End camera control
	Codec should have integrated solution for showing data from PC/laptop over IP/ISDN network along with VC session.
Audio standards and protocols	
	Should have G.728, G.722 & G.711 audio coding support
	System must be equipped with omni directional microphone
	Built in echo canceller and Noise reduction.
	Should come with all the power & communications cables necessary for the above features.
	easy to use hand held remote control
	System must have AES encryption for ISDN and IP calls.
	Support for easy software upgrades through LAN or any other interface
	Audio inputs for connecting two microphones
IP Network features	
	IP Precedence/ Type of Service (TOS)/Auto gatekeeper Discovery
	Resource Reservation Protocol (RSVP)

Others		
	Additional hardware/software to show PC presentation / application screens / PC data	
	Support for Gatekeeper /NAT	
	Other ITU Standard support interfaces	
	Support for (AES) encryption	
	With Auto sensing power supply	
	Three year free software subscription for all major and minor software release. Three year free software subscription	
Network interfaces:		
	4 x ISDN BRI (RJ-45)	
	1 x LAN / Ethernet (RJ-45) / 10/100 Mbit (LAN/DSL cable modem)	
	should come with all the power and communications cable necessary for the above features	
Multisided features:		
	Data sharing from any side	
	Auto CP Layouts	
	Chair control for host system	
	Up to 4 video with audio sites	
	Support for 384 kbps per site	
	Mix ISDN and IP up to maximum conference rate	
Category – B2 Videoconferencing End Points to support 6parties in a call		
	Totally Integrated, with six sites in the same videoconference using the high bandwidth embedded Multisided. All-in-one unit (including Pan Tilt Zoom (PTZ) camera with Presets and Codec for simple installation with Plasma/LCD TV for use over RJ-45 IP network H.323 upto 2 Mbps or more speed & H. 320 ISDN PRI network upto 2 Mbps	
Frame Rates:		
	30 frames per second @ 256 Kbps and above	
Bandwidth:		
	up to 2mbps ISDN/ IP	
	Conference rates up to 2 Mbps.	
Video Standards & Support For:		
	H.261,H.263+, H.263++ , H.264 ITU 30 fps	

	Should have auto/manual focus and brightness with 10 x Zoom, <u>+/- 95°</u> degrees PAN and at least 12 near end camera presets with capability to operate in normal room illumination conditions support. Total field of view: Minimum 265 °	
	Should have Live video resolution at 4CIF, SIF, 4SIF	
	Should be H.323 & H.320, standards complaint	
	Video codec should support 4:3 & 16:9 format for TV & Plasma Screen	
	Support for DVI/VGA/XGA interface.	
	System must have H.239 for sharing of video and graphics content during the video call with minimum CIF (352 x 288) Pixels .	
	2 Video inputs for connecting to document camera/ other devices and VCR.	
	2 Composite video /S-Video outputs	
	Screen Layouts ,Picture in Picture Video Support	
	Support for H.243 chair control for controlling a Multipoint conference.	
	Support for 4 CIF (H.261) for sending stills/graphics.	
	30 frames per second at 256 Kbps.	
	Support for H.281 Far End camera control	
	Codec should have integrated solution for showing content from PC/laptop over IP/ISDN network along with VC session.	
Audio standards and protocols		
	Should have G.728, G.722 & G.711 audio coding support	
	System must be equipped with directional microphone	
	Built in echo canceller and Noise reduction.	
	Should come with all the power & communications cables necessary for the above features.	
	Should come with easy to use hand held remote control	
	System must have AES encryption for ISDN and IP calls.	
	Support for easy software upgrades through LAN or any other interface	
	Audio inputs for connecting two microphones	
IP Network features		
	IP Precedence/ Type of Service (TOS)/ Auto gatekeeper Discovery	

	Resource Reservation Protocol (RSVP)	
Others		
	Additional hardware/software (if required) to show PC presentation / application screens / PC Data	
	Support for Gatekeeper /NAT feature.	
	Other ITU Standard support interfaces	
	Support for easy software upgrades through LAN or any other interface.	
	Operating conditions: 230 volts, 50 Hz – 60 Hz.	
	Support for (AES) encryption	
	With Auto sensing power supply	
	Three year free software subscription for all major and minor software release.	
Network interfaces:		
	6 x ISDN BRI (RJ-45),	
	1 x LAN / Ethernet (RJ-45) / 10/100 Mbit (LAN/DSL cable modem)	
	should come with all the power and communications cable necessary for the above features	
Multisided features:		
	Data sharing from any side	
	Auto CP Layouts	
	H.264, image clarity	
	Up to 6 video with audio sites .	
	384 kbps per site with IP/ISDN	
	Mix ISDN and IP up to maximum conference rate	
Category C- MCU		
Standalone (non-PC hardware based) chassis based multipoint conferencing unit able to connect min 50 video sites @ Min 384 Kbps per site H.323 on IP network on the same chassis. MCU should be able to hold multiple simultaneous video conferences and expendable up to 60 sites.		
Features :		
	MCU should be Rack mountable based system with rack.	
	MCU System Capacity: MCU should be equipped to connect 50 sites @ Min 384 Kbps on ISDN network and on IP network with AES encryption.	
	MCU System Scalability: MCU should be upgradeable to support more than 50 sites on IP and ISDN @ 384 kbps.	

	Network Interface: The MCU should have 3 / 4 Nos. Connectivity for ISDN PRI line and RJ45 for IP from day one.	
	MCU should be able to connect multiple calls i.e. 50 in any combination on, IP and ISDN.	
	Video Support: H.261, H.263, H.264, 28/30 frames per second,	
	Audio Support: G.711, G.722, G.728, G722.1, G.728	
	The MCU should allow participants to connect to the conference at different bandwidths of 128 Kbps to 2 Mbps in the same conference.	
	Transcoding (Video &Audio): The MCU should be able to connect to the endpoints with different video/audio protocols.	
	Security: MCU should have the feature of password protected conference.	
	<p>Management & Scheduling Software: The MCU should come with the management & Scheduling software having the following features.</p> <ol style="list-style-type: none"> 1. Management software to maintain the MCU Bridge with the laptop /PC. Vendors to provide PC/Laptop to maintain the bridge. 2. MCU & Management software must be from same OEM. 3. Scheduling & managing of Video Conferencing Sessions. 4. Should provide diagnostic reports, call duration, CDR, bandwidth usage, type of network and the number of incoming and outgoing calls. 	
	Gatekeeper for H.323 endpoints (VoIP), support for alias name for no. of endpoints. Any H/W Server, if required has to be supplied with the Gatekeeper, supply necessary software.	
	<p>Live Video Resolutions: MCU should have following Video Resolutions:</p> <ol style="list-style-type: none"> 4. Native PAL: QCIF(176 x 144 pixels), CIF (352 x 288 Pixels), 4CIF (704 x 576 Pixels). 5. Native PC Resolutions: VGA(640 x 480 Pixels), SVGA(800 x 600 Pixels), XGA(1024 x 768 Pixels). 	
	The Gatekeeper has to be mounted on same rack as the MCU.	
	The product should support ITU standards.	

	Support for H.323 & H.320 ITU standard.	
	Dynamic CP layouts.	
	Continuous presence with minimum 16 Participants in single screen (all may be at different bandwidths).	
	MCU should support active speaker indication & colored borders for easy view.	
	The MCU should support changing of layouts on the fly, without having to disconnect the conference.	
	The MCU should have the capability to add participants into an ongoing conference whether on IP or ISDN network.	
	The MCU should come with all necessary power cords, adapters, data cables, connectors, CDs, manuals, accessories etc. required for installation and commissioning of the equipment.	
	The MCU should support for H.239 for sharing of video with content.	
	The MCU should support dial-In, dial-Out for ISDN / IP conferences.	
	The MCU should support different speed users in the same conference from 64k to 768 Kbps including bonding and nx64 calls.	
	The MCU should support conferences in H.320 & H.323 only conferences separately.	
	The MCU should support for minimum 17 different layouts	
	The MCU should be able Hold at least 3 numbers of simultaneous conferences.	
	The MCU should support Activated and Auto CP layout with 50 sites	
	Operating conditions: Should Work with on 110-240 VAC, 50/60 Hz AC Power Supply.	
	Three (3) Years Warranty and 2 Years comprehensive onsite AMC on all hardware components.	
	Three years free software subscription for all major and minor software releases	
	Technical Support directly from manufacturer through e-mail during the warranty cum AMC period.	
Security Capabilities:		
	DTMF/ Password protected conference, Management via web based/http	
IP Network Capabilities:		
	DiffServ/ IP Precedence/TOS/Packet loss recovery capabilities	
Ethernet/Internet/Intranet connections:		
	TCP/IP , SSL/, GUI / PC interface for management	
System Management:		

It should be through GUI interface, remote logging through modem should be possible for system management and software upgrade.		
Category 'D'		
Specifications For PLASMA SCREEN (50")		
Technology PLASMA		
Effective Screen Size 50" (Diagonal)		
Video Inputs: DVI, Component Input, VGA RGB signal , Composite input ,S-Video		
Output- audio – digital optical		
Resolution 1366X768 pixels		
Color Reproduction 16.77 Million or more		
Video System: NTSC, PAL, SECAM		
Simultaneous Viewing of any 2 inputs in various modes (Picture-in-Picture, Split screen etc).		
support for 16:9 format		
Stereophonic speakers with necessary cables		
Normal Operating Voltage/Frequency: AC 190V - 230V, 50 Hz - 60 Hz.		
All Cables required for interfacing		
Full Function Infra Red Remote control		
Should comply to Safety Regulations & EMI Regulations		
Should Work Satisfactorily with videoconferencing equipments installed at CSIR Laboratories Locations.		
Wall Mount (Tilt/Flat) Bracket Included		
Wall mounting kit included.		
TV tuner		
Contrast Ratio: 8000:1		
Category 'E1'		
DVD recorder with 40 GB hard disk and necessary cables for recording of minimum 2 hrs. (Make : Sony, Samsung, LG or equivalent)		
Category 'E2'		
Power camera (extra auxiliary camera same as the camera of the end point falling in category B2)		
Category 'E3'		
Switcher (Extron/Krammer/ Milestone or equivalent)		
Video		
Routing		
		8 x 16 matrix
Switching speed		Min 100 ns or more
Video input		

	Number/signal type	8, 12, 16 RGBHV, RGBS, RGsB, RsGsBs, HDTV, component video, S-video, composite video	
	Video output		
	Number/signal type	4, 8, 12, 16 RGBHV, RGBS, RGsB, RsGsBs, HDTV, component video, S-video, composite video	
	Audio		
	Routing		
		8 x 16 stereo matrix	
	S/N	>50 dB, balanced	
	Audio input		
	Number/signal type	8, 12, 16 stereo, balanced/unbalanced	
	Audio output		
	Number/signal type	4, 8, 12, 16 stereo, balanced/unbalanced	
	Rack mount	Yes	
	Listings	UL,/ CUL	
	Compliances	CE/ FCC / ICES	
Category 'E4':			
Surface mountable enclosures for cables / power outlets with top plate and box under surface (Extron/ Krammer/ Milestone or equivalent)			
Category E 5: Four input Video and RGB scaler standard version with necessary connectors for all type of signals(Extron/ Krammer/ Milestone or equivalent)			
Category E6:			
19" 24U standard Rack for housing A/V equipments with standard accessories & universal power strips with sockets(Valrack / President or equivalent)			
Category E7: 8 x 8 Digital Signal processing(Symmetrix/Polycom/ Biamp or equivalent)			

<p>Rack mountable with RS-232 connector , RJ -45 CAT-5 network cable</p> <p>Analog Audio Inputs</p> <p>Number of Analog Inputs: 8</p> <p>Input Impedance: minimum 5.50 K ohm</p> <p>Analog Outputs</p> <p>Number of analog outputs : 8</p>	
<p>Category E8: 8 input DSP (Symmetrix/Polycom/ Biamp or equivalent)</p>	
<p>19" rack mountable with connectors RS-232 and RJ-45 CAT-5 network cable with A/D converter</p> <p>Analog Audio Inputs</p> <p>Number of Analog Inputs: 8</p>	
<p>Category E9: Boundary Layer Microphone(Clockaudio/ Shure/ Bayerdynamic or equivalent)</p>	
<p>TYPE : Condenser</p> <p>FREQUENCY RESPONSE : between 30 Hz - 18 KHz</p> <p>IMPEDANCE : minimum 200 Ohms</p>	
<p>Category E10: Wireless lapel microphone with UHF transmitter and half rack mount receiver with belt clip (Clockaudio/Shure/Bayerdynamic or equivalent)</p>	
<p>FREQUENCY RANGE 500 - 960 MHz (Frequency Bands according to local regulation)</p> <p>S/N RATIO >50dB</p> <p>CONTROLS Power On/Off, Frequency and AF Level set</p> <p>LCD DISPLAY INFORMATION Frequency and Battery Status</p>	
<p>Category E11 : Wireless handheld microphone(Clockaudio/ Shure/ Bayerdynamic or equivalent)</p>	

	<p>FREQUENCY RANGE 400 - 960 MHz</p> <p>S/N RATIO > 50 db</p> <p>AF OUTPUT IMPEDANCE 600 Ohms</p> <p>DISPLAY LCD</p> <p>DISPLAY INFORMATION Frequency; Receiver A/B; Mute Status; RF/AF levels.</p> <p>CONTROLS Power On/Off; Frequency Up/Down; Frequency Scan</p>	
Category E12:Centralized Control Processor(Crestron/AMX or equivalent)		
	<p>Processor with OS (windows/Linux or equivalent) and Ethernet support along with security & routing features with all connectors and expansion slots.</p> <p>CPU: 32-bit / 64 bit</p> <p>Processing Speed: mini 200 mips</p> <p>Memory</p> <p>SDRAM: min 32 MB</p> <p>NVRAM: min 256 KB</p>	
	<p>Console port</p> <p>Buttons (H/W reset, S/W reset) along with LED indicators</p>	
Category E13:Control Touch Panel(Crestron/ AMX or equivalent)		
	<p>Touch screen Display along with buttons and all connectors.</p> <p>Display Type: color LCD</p> <p>Resolution: min 320 x 240 pixels</p> <p>Touch screen: Resistive membrane</p> <p>Processor</p> <p>CPU: 32-bit</p> <p>Processing Speed: 50 MIPS or more</p> <p>Memory</p> <p>Min 2MB flash,</p> <p>Graphic Engine</p> <p>50,000 colors or more ,</p>	
Category F:		
	Document Camera:	
	Optics:	
	12x Zoom or more	
	Focusing: Auto and Manual	
	Video:	
	Frame Rate: 25/30 fps	
	Video Inputs: Composite Video , VGA,	

Video output: Composite Video through, S-Video output, Video Out and Audio out put, VGA	
Video Formats: NTSC & PAL	
Lighting and Operations:	
Should have Side lighting unit with Florescent Lamps	
Should operate on 230V AC/ 50 Hz Supply.	
Portable and should be light in weight	
Control System:	
Should be able to control through Infrared hand remote control	
Should have soft/Hard carrying case for movement	
Category G:	
Interactive White board (SVGA)	
Diagonal : 104 Inch	
Resolution: 6000X 6000 or more	
Software: Latest version of Software	
Real Time Playback	
Touch sensitive, low glare, Teflon surface	
Cabinet: Metal (Aluminum) and Plastic Construction	
Active infrared eraser with two spare eraser pads	
Power adapter	
Wall mounting brackets	
Print or Save images in PDF, BMP, TIFF, PNG or JPG	
Power requirements: 120V/240V, 50-60Hz, wall mounted power supply	
Stand Features: Height adjustment by single person via adjusting knobs, height settings within height range of each stand,	
Category H	
Multimedia Projector (wall mount/stand mount)	
Contrast Ratio: 750:1	
Video Inputs: RGB Analog, Component Video, Composite Video, and S-Video	
Brightness:2500 ANSI Lumens or more	
Lamp Type (UHB 300 Watts)	
Lamp Life – 1500 hours or more	
Input Video – NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM	
HDTV: 480i, 480p, 720p, 1080i	
Input Connectors Video – 1 x component video , 1x VGA, 1 x S-video ,1 x composite video ,	
Power Voltage – 90-132V / 198-264V (50/60 Hz)	
Multilanguage Quick Start Guide	
Multilanguage Operator's Guide CD	
All required cables	
VGA Monitor Extension Cable	
Ceiling Mount	
With Full Functional Remote Control	

Category I	
HIGH GAIN SCREEN:	
High Gain Screen 8X 6	
Wireless Controlled Motorized	
Screen Fabric: Glass Beaded	
Gain: 2.5	
Ceiling Mountable/Tripod	
Category L	
2 year AMC	
Category M	
ISDN BRI module for Cat 'A'	
ISDN PRI module for Cat ' B2'	
Category N	
Entry level manpower to provide assistance during VC sessions	

Note: The Bidder shall note that standards for workmanship, material and equipment, and references to brand names designated by the Purchaser in the Technical Specifications are intended to be descriptive only and not restrictive. The vendor may substitute alternative standards, brand names in his bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

CSIR LOCATIONS – FOR VIDEOCONFERENCING

Sites For VC Facility

Sno	SITES
1.	Honorable Minister's office, Anusandhan Bhawan
2.	Secretary, DSIR & DG CSIR, Anusandhan Bhawan
3.	Shanti Swarup Bhatnagar Hall, Anusandhan Bhawan
4.	Secretary, Department of Ocean Development, CGO Complex, Lodhi Road
5.	Secretary, Department of Bio-Technology- CGO Complex, Lodhi Road
6.	Secretary, Department of Science and Technology - Mehrauli Road
7	CSIR HQRS, New Delhi (Common Site)
8	Central Road Research Institute, New Delhi
9.	National Physical Laboratory, New Delhi
10.	Institute of Genomics and Integrative Biology, Delhi
11.	National Institute of Science Communication And Information Resources, New Delhi
12.	National Institute of Science, Technology And Development Studies, New Delhi
13.	Central Building Research Institute, Roorkee
14.	Center for Cellular & Molecular Biology, Hyderabad
15.	Indian Institute of Chemical Technology, Hyderabad
16.	National Geophysical Research Institute, Hyderabad
17.	Central Drug Research Institute, Lucknow
18.	Central Institute of Medicinal & Aromatic Plants, Lucknow
19.	Industrial Toxicology Research Centre, Lucknow
20.	National Botanical Research Institute, Lucknow
21.	Central Fuel Research Institute, Dhanbad
22.	Central Mining Research Institute, Dhanbad
23.	Central Electrochemical Research Institute, Karaikudi
24.	Central Electronics Engineering Research Institute, Pilani
25.	Central Food Technological Research Institute, Mysore
26.	Central Glass & Ceramic Research Institute, Kolkata
27.	Indian Institute of Chemical Biology, Kolkata
28.	Central Mechanical Engineering Research Institute, Durgapur
29.	Central Scientific Instruments Organisation, Chandigarh
30.	Institute of Microbial Technology, Chandigarh
31.	Central Salt & Marine Chemicals Research Institute, Bhavnagar
32.	Institute of Himalayan Bioresource Technology, Palampur
33.	Indian Institute of Petroleum, DehraDun
34.	National Aerospace Laboratories, Bangalore
35.	National Chemical Laboratory, Pune
36.	National Environmental Engineering Research Institute, Nagpur
37.	National Institute of Oceanography, Goa
38.	National Metallurgical Laboratory, Jamshedpur
39.	Regional Research Laboratory, Bhopal
40.	Regional Research Laboratory, Bhubaneswar

41.	Regional Research Laboratory, Jorhat
42.	Regional Research Laboratory, Thiruvananthapuram
43.	Structural Engineering Research Centre, Chennai
44.	Central Leather Research Institute, Chennai
45.	Regional Research Laboratory, Jammu
46.	Human Resource Development Group, CSIR Complex
47.	Recruitment and Assessment Board, CSIR complex
48.	Human Resource Development Center, Gaziabad



Schematic diagram not to scale

CSIR Network of R&D Laboratories



Schematic diagram. Not to scale

Contract Form

THIS AGREEMENT made on the _____ day of _____, 2007 between The CSIR, Anusandhan Bhawan, 2, Rafi Marg, N. Delhi-110001 of INDIA (hereinafter “the Purchaser”) on the one part and _____ (*Name of Supplier*) of _____ (*City and Country of Supplier*) (hereinafter called “the Supplier”) on the other part:

WHEREAS the Purchaser invited bids for for Supply, Installation, Commissioning and Maintenance of Video Conferencing equipment and related items for CSIR HQ & its Laboratories and has accepted a bid by the Supplier for the supply of those goods and services , as detailed in the enclosure.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement viz:
 - a) the Bid Form and the Price Schedule submitted by the Bidder;
 - b) the Schedule of Requirements;
 - c) the Technical Specifications;
 - d) the General Conditions of Contract;
 - e) Evaluation test methods for conducting inspection and acceptance tests by CSIR and/or Labs./Instts
3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable

under the provisions of the Contract at the times and in the manner prescribed by the contract.

Delivery schedule:

Installation & Commissioning:

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of India on the day and year first above written.

Signed, Sealed and Delivered by the

Said _____ (For the Purchaser)

In the presence of _____

Signed, Sealed and Delivered by the

Said _____ (For the Supplier)

In the presence of _____

Annexure N

DETAILS OF ITEMS ULTIMATE CONSIGNEE WISE

	1 MO- AW*	2 Secr- AW*	3 SSBH- AW*	4 MOES- CGO	5 DOBT- CGO*	6 DST- CGO*	7 COM - SITE*	8 CRRRI	9 NPL	10 IGIB	11 NISCAIR*
cat 'A' : End pont-			1	Nil ¹	1	1	1	1	1	1	2
cat 'B1' : End pont	1										
cat 'B2' : End pont		1									
Cat 'C' : MCU							1				
cat 'D' : Plasma	1	1		Nil ²	1	1	1	1	1	1	2
Display Devices & Interfaces											
Cat 'E1' : DVD recorder	1		1								
Cat 'E2' : Power camera			1								
Cat 'E3' : Switcher			1								
Cat 'E4' : enclousers for cables			1								
Cat 'E5' : 4 input video std. Version			5								
Cat 'E6' : Rack for equipment			1								
Cat 'E7' : 8x8 digital signl processing			1								
Cat 'E8' : 8input DSP			1								
Cat 'E9' : Boundary Layer											
Microphone			4								
Cat 'E10' : Wireless lapel											
Microphone			1								
Cat 'E11' : Wireless Microphone			4								
Cat 'E12' : Centralized Control panel			1								
cat 'E13' : Control touch Panel			1								
cat 'F' : Document Camera-	1	1	1	1	1	1	1	1	1	1	1
Cat 'G' : Interactive Board	1	1	1	1	1	1	1	1	1	1	1
cat 'H' : Multi media projector			1								
cat 'I' : High Gain Screen			2								
Cat 'L' : 2 year AMC after warranty											
Cat 'M' : PRI/BRI Module											
ISDN BRI Module for Cat 'A'			1	0	1	1	1	1	1	1	2
ISDN PRI Module for Cat 'B1' & 'B2'	1	1									

	12	13	14	15	16
	NISTADS	CBRI	CCMB	IICT	NGRI
cat 'A' : End pont-	1	1	Nil ³		1
cat 'B1' : End pont				1	
cat 'B2' : End pont					
Cat 'C' : MCU					
cat 'D' : Plasma	1	1	Nil ³	1	1
Display Devices & Interfaces					
Cat' E1' : DVD recorder					
Cat 'E2' : Power camera					
Cat 'E3' : Switcher					
Cat 'E4' : enclousers for cables					
Cat 'E5' : 4 input video std. Version					
Caty 'E6' : Rack for equipment					
Cat 'E7': 8x8 digital signl processing					
Cat 'E8': 8input DSP					
Caty 'E9' : Boundary Layer					
Microphone					

	17	18	19	20	21	22	23	24	25	26
	CDRI	CIMAP	ITRC	NBRI	CFRI	CMRI	CERI	CEERI	CFTRI	CGCRI
End pont- cat 'A'		1	1	1	1	1	1	1	Nil*	1
End pont- cat 'B1'	1									
End pont- cat 'B2'										
MCU- Cat 'C'										
Plasma-cat 'D'	1	1	1	1	1	1	1	1	Nil**	1
Document Camera-cat 'F'	1	1	1	1	1	1	1	1	1	1
Interactive white Board- Cat 'G'	1	1	1	1	1	1	1	1	1	1
Multi media projector-cat 'H'										
High Gain Screen- cat 'I'										
PRI/BRI Module- Cat 'M'										
BRI Module for Cat 'A'	1	1	1	1	1	1	1	1		1
PRI Module fir Cat 'B2'										

Nil* Already procured (Model –polycom view station FX)

Nil** Purchase order has been released

	27	28	29	30	31	32	33	34	35	36	37
	IICB	CMERI	CSIO	IMT	CSMCRI	IHBT	IIP	NAL*	NCL	NEERI	NIO
End pont- cat 'A'	1	1	1	1	1	1	1	3	1	1	1
End pont- cat 'B1'											
End pont- cat 'B2'											
MCU- Cat 'C'											
Plasma-cat 'D'	1	1	1	1	1	1	1	3	1	1	1
Document Camera-cat 'F'	1	1	1	1	1	1	1	1	1	1	1
Interactive white Board- Cat 'G'	1	1	1	1	1	1	1	1	1	1	1
Multi media projector-cat 'H'											
High Gain Screen- cat 'I'											
PRI/BRI Module- Cat 'M'											
BRI Module for Cat 'A'	1	1	1	1	1	1	1	3	1	1	1
PRI Module fir Cat 'B2'											

* NAL has desired for 2 more VC equipments.

	38	39	40	41	42	43	44	45	46	47	48
	NML	RRL- BH	RRL- BU	RRL- JOR	RRL- THRI	SERC	CLRI	RRL- JMU	HRDG	R&AB	HRDC
End pont- cat 'A'	1	1	1	1	1	1	1	1	1	1	1
End pont- cat 'B1'											
End pont- cat 'B2'											
MCU- Cat 'C'											
Plasma-cat 'D'	1	1	1	1	1	1	1	1	1	1	1
Acessories - Cat 'E'											
Document Camera-cat 'F'	1	1	1	1	1	1	1	1	1	1	1
Interactive white Board- Cat 'G'	1	1	1	1	1	1	1	1	1	1	1
Multi media projector-cat 'H'											
AMC for 2 years -Cat 'L'											
PRI/BRI Module- Cat 'M'											
BRI Module for Cat 'A'	1	1	1	1	1	1	1	1	1	1	1
PRI module for cat 'B2'											

MO-AW*-----Minister Office (Anusandhan Bhawan)

Secr-AW*-----Secretary (DSIR), DG(CSIR) (Anusandhan Bhawan)

SSBH-AW*-----Shanti Swaroop BhatNagar Hall

MOES-CGO*-----Ministry of Earth Sciences , CGO Complex

DOST-CGO*-----Secretary , Department of Science & Technology - CGO Complex

DOBT-MHR*-----Secretary , Department of Bio-Technology - Mehrauli Road

Com-Site*-----Common Site

Nil¹:Order has been placed to NICSI

Nil²:Order has been placed to NICSI

Nil³:Already procured (Model -silver E, Aethra)

Niscair*:As Niscair is located at two places , two set of vc facilities are required by Niscair

Annxure-O

Receipt Certificate

(On the letter-head of the Lab. /Instt.)

No.

Date:

Sub: Receipt of consignment against contract No._____Dt._____.

To,
The Joint Secretary (Admin)
Council of Scientific & Industrial Research
Anusandhan Bhawan
2, Rafi Marg
New Delhi-110001.

Attn : The Controller of Stores & Purchase

Sir,

This is to confirm that the material, consigned to _____
(*name of the Lab.*) by the vendor through M/s _____ (*Name of the*
carrier) comprising _____ (*No.*) cartons vide AWB/LR/RR No.
_____ dated _____ have been received in good outwardly condition.

All the Cartons received have been opened only in the presence of the
vendor's representative on _____ (*date*) and it is certified that all the
material intended for the Lab., as per Annexure-N of the contract have since
been received in good condition.

The items received have been inspected on _____ as per the
inspection procedures and guidelines incorporated in the contract and it is found
that:

- (a) No discrepancy exists.
- (b) The following discrepancies exists

- (i) _____
 - (ii) _____
 - (iii) _____
- (Delete whichever is not applicable)*

Yours sincerely,

On behalf of the vendor

(Signature)

on behalf of CSIR

(Signature)

