

TENDER DOCUMENT

Name of work: Supply & Installation of electrical, furniture requirements & flooring, etc., at HRD Conference Room at NIPGR Campus, New Delhi.

CLIENT: DIRECTOR, NEW DELHI

TENDER DOCUMENT

Name of work: Supply & Installation of electrical, furniture requirements & flooring, etc., at HRD Conference Room at NIPGR Campus, New Delhi.

Owner: Director, NIPGR New Delhi

Tender Issued to :

**Place for submission /
opening of tender document:** NIPGR Campus,
Aruna Asaf Ali Marg,
New Delhi-110067

Date & time of submission of tender documents: 06.12.2023 up to 1500 hrs.

Date & Time of Opening of Tenders: 07.12.2023 at 1500 hrs.

**Consultant Engineer
NIPGR**

TENDER FORM

To

**The Director
NIPGR CAMPUS, New Delhi.**

Dear Sir,

I/We have read and examined the following Tender Documents relating to **"Supply & Installation of electrical, furniture requirements & flooring, etc., at HRD Conference Room at NIPGR Campus, New Delhi."**

- Notice Inviting Tender
- General Conditions
- Instructions to Bidders
- General Information
- Memorandum
- General Conditions of Contract Agreement
- Special terms & conditions of contract.
- Instructions for On-line Bid Submission
- Special Instructions to bidders for registration with Competent Authority
- Terms & Conditions
- Annexure – I, II, III, IV & V
- Works Requirement / Scope of work
- Drawings
- Schedule of Quantity (not to be filled)

I/We hereby offer to execute the work complete in all respects specified in the under written Memorandum within the time specified therein or during the allowed extended time at the rates specified in the bill of Quantities and in accordance, with the specifications, designs, drawings and instructions in writing referred to in the conditions of tender.

(Seal & Signature of Contractor)

NATIONAL INSTITUTE OF PLANT GENOME RESEARCH
(Department of Biotechnology, Ministry of Science and Technology, Govt. of India)
Aruna Asaf Ali Marg, New Delhi-110067
Phone: 011-26735161, 26735138 Fax: 011-26741658

NOTICE INVITING TENDER
(Tender No.: NIPGR/Engg./7/11/2023-24)

Online items rate tenders (in two bid system) are invited on behalf of the Director, NIPGR, Aruna Asaf Ali Marg, JNU Campus, New Delhi – 110067 from the eligible contractors of reputed, multidisciplinary engineering organizations from eminent Partnership Firms / Joint Venture / Private Limited Companies / Public Limited Companies / Companies registered under the Indian companies who has experience in establishing of Conference Room regarding supply & installation of electrical, furniture, flooring & acoustic works, etc., at HRD Conference Room at NIPGR Campus, New Delhi.

Name of work: Supply & Installation of electrical, furniture requirements & flooring, etc., at HRD Conference Room at NIPGR Campus, New Delhi.

Sl. No. 1.	Estimated Cost (In Lacs) 2.	E.M.D. 3.	Time for Completion 4.	Pre-Bid Meeting 5.	Last date & Time of receipt of Tender 6.	Date & time of opening of tenders 7.
1.	Rs. 49,67,743.00	Rs. 99,360.00	45 days	28.11.2023 11:00 Hrs.	06.12.2023 15.00 Hrs.	07.12.2023 15:00 Hrs.

Tenderers registered with M.S.M.E. & N.S.I.C. in the above-mentioned service / activity are exempted from submission of E.M.D.

The earnest money shall be in the form of Demand Draft or Bank Guarantee issued by any of the Commercial Bank in favour of the Director, NIPGR, New Delhi so as to deposit in NIPGR office latest by 06.12.2023 at 1500 hrs.

Tender documents can also be downloaded on line free of cost from our website www.nipgr.ac.in and Govt. CPP Portal <https://eprocure.gov.in/cppp/>

The bids will be accepted in respect of those contractors having successfully completed at least three similar works of each value not less than Rs. 19.87 lakhs OR two similar works of each value not less than Rs. 29.81 lakhs OR one similar work of value not less than Rs. 39.74 lakhs during the last seven years ending Oct-2023 and having annual financial turnover of Rs. 50.00 lakhs during the last three years duly certified by the Statutory Auditors. Similar works means "supply & installation of electrical, furniture, flooring & acoustic works, etc., at HRD Conference Room at NIPGR Campus, New Delhi" with Govt. departments or other reputed organizations.

Intending tenderers must enclose self-attested copies of Completion Certificates, Work Order / Letter of Acceptance & Schedule of Quantity / B.O.Q. of having completed the work satisfactorily issued by an appropriate competent authority.

Submission of complete tender documents duly signed and stamped with Technical Bid, by the tenderer is mandatory.

The Director, NIPGR reserves the right to accept or reject all or any of the tender without assigning any reasons thereof.

Consultant Engineer
NIPGR

(Seal & Signature of Contractor)

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GENERAL CONDITIONS

1. Online tenders are hereby invited from the eligible bidders for the work of **"SUB.: Supply & Installation of electrical, furniture requirements & flooring, etc., at HRD Conference Room at NIPGR Campus, New Delhi. Tender documents can be downloaded from our website www.nipgr.ac.in free of cost.** The tender document is obligatory on the part of the tenderers & bid in no other form will be accepted.
2. The time allowed for the completion of said work is **45 Days** from the date of written order.
3. The Tenderer will submit his tender on-line in prescribed format after examining the tender documents, scope of work, specific conditions of contract, Instructions to bidders, General Information, Terms and Conditions of contract agreement, technical specification, Price Bid, special terms and conditions of contract, specific conditions of contract.
4. The tender shall be submitted online in two parts, viz., Technical bid and Financial bid. Submission of complete tender document duly stamped and signed by tenderer with technical bid is mandatory.
5. The offer shall remain valid for 90 days from the date of opening of Tender. The validity of rates is further extendable for a period of 180 days from the date of issue of award letter with mutual consent of both the parties.
6. The tenderer shall submit a copy of the audited balance sheets of the last three financial years.
7. If a tenderer whose tender is accepted fails to undertake the work as per terms of the contract within 10 days to be reckoned from the date of issue of Letter of Commencement, the E.M.D. / Performance Security of the agency shall be forfeited / encashed.
8. NIPGR does not bind itself to accept the lowest or any tender and reserves the right to reject any or all tenders without assigning any reason as well as for the transportation of samples.
9. NIPGR will not pay any expense, whatsoever incurred by tenderer for the preparation and submission of tenders as well as for the transportation of samples.
10. This notice inviting tender, letter of acceptance & letter of commencement, etc., will form part of the contract agreement to be executed by the successful tenderer.
11. All the correspondence on the tender shall be addressed to the Director, NIPGR, Aruna Asaf Ali Marg, New Delhi and any communication addressed to anyone else shall not in any manner to be binding upon the NIPGR, Aruna Asaf Ali Marg, New Delhi.
12. The submitted documents / certificates may be verified with originals after opening of Technical Bid.

**Consultant Engineer
NIPGR**

**Accepted
(Seal & Signature of Contractor)**

INSTRUCTIONS TO BIDDERS

1. GENERAL INSTRUCTIONS:

The works referred here-in shall cover the entire scope of the proposal which includes supplying and installation of material including the successful completion and the tests which the desires to get carried out. The "Owner" where appearing in these documents shall mean Director, NIPGR.

2. TENDERERS TO STUDY ENTIRE TENDER DOCUMENT CAREFULLY:

Submission of a tender by a tenderer implies that he has read all the stipulations contained in this tender document and has acquainted himself of the nature, scope and specifications of the works to be followed.

3. TENDERER TO SUBMIT THE ENTIRE TENDER DOCUMENT ON-LINE.

The tenderer shall submit all documents issued to him for the purpose of this tender after duly filling the same in all respects. Tenders which are found to be vague or incomplete shall be rejected summarily.

4. INSTRUCTION FOR FILLING THE TENDER.

Tenders shall be submitted ON-LINE, it shall be signed by one who has been authorized by the Board of Directors through a resolution. Copy of resolution and the authority letter in favour of the person signing must accompany the tender.

5. TENDERERS TO QUOTE FOR ALL ITEMS AND IN FIGURES:

The tenderer shall quote his rates in figures with reference to each item and must enter for all the items shown in the attached Bill of quantities. Incomplete offer shall be liable for rejection. The total amount shall be written both in figures and in words.

6. VALIDITY PERIOD OF OFFERS:

The rates quoted in the tender shall hold good for 90 days from the date of opening of the tender. If a tenderer on his own withdraws or revokes the tender or revises or alters or modifies the tender for any item or condition within the period mentioned in the tender notice, in such cases the Institute reserves the right to reject the bid and take any other action as deemed appropriate. In case the successful tenderer after award of acceptance of tender fails to perform as per contract or violates any condition of tender, the Agency shall be suspended from being eligible for bidding in any contract with the NIPGR, New Delhi for the period of 2 years starting from the last date of receipt of this bid/tender. The validity of accepted rates is further extendable from the date of issue of award letter with mutual consent of both the parties for 180 days.

7. TENDERER TO STAMP & SIGN ALL PAGES:

The tenderer shall stamp and sign at the bottom right-hand corner of every page of the tender documents in token of acceptance of tender conditions and for the purpose of identification.

8. ERASURES AND ALTERATIONS:

Tenders containing erasures and alterations of the tender documents are liable to be rejected unless these are authenticated by the person signing the Tender Documents.

9. TENDERER TO SATISFY HIMSELF OF SITE CONDITIONS:

Tenderers are advised to inspect and examine the site and its surroundings and also signed a certificate of site visit enclosed as per Annexure 'II' and satisfy themselves before submitting their tender regarding nature of the site conditions, the means of access of the site, the accommodation they may require and in general obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender in any manner. A tenderer shall be deemed to have full knowledge of the site, whether he inspects it or not and no compensation or otherwise of any charges incurred or to be incurred consequent on any misunderstanding or otherwise shall be admissible.

10. EARNEST MONEY:

Earnest Money Deposit of Rs. 99,360.00 (Rs. Ninety nine thousand three hundred sixty only) to be furnished with the tender in the form of the demand draft or Bank Guarantee issued by Commercial Bank (No interest is payable on Earnest Money).

11.TENDERER TO QUOTE BOTH IN FIGURES AND WORDS:

The bidder shall quote their rates for all the items both in figures as well as words given as per the attached format of Price bid. The amount of each item shall be worked out and the requisite total given. Special care shall be taken to write percentage in figures and words, and the amount in figures only in such a way that interpolation is not possible. The total amount shall be written both in figures and in words.

12. TENDER LIABLE TO REJECTION:

Tenders which do not fulfill all or any of the conditions laid down in this notice, or contain conditions not covered and / or not contemplated by the Conditions of tender document and/or expressly prohibited therein or stipulate additional/alternative conditions shall be liable to be rejected. Tenders shall also be liable for rejection on any of the following grounds: -

- i) Tenders containing remarks uncalled for.
- ii) Conditional tenders
- iii) Tenders not submitted on prescribed Performa.
- iv) Telegraphic/Fax/Postal tenders.
- v) Tenders submitted without E.M.D. or Bank Guarantee.
- vi) Incomplete tenders
- vii) Tenders submitted by the agency who has any unresolved dispute of any kind.
- viii) Tenders with NIL consideration.

13.CORRESPONDENCE:

Tenderers must mention their postal address and telephone number(s) of the Chief Executive/authorized agent or attorney in the tender. The tender submitted by the tenderer will be rejected if he or his agent cannot be contacted on the last known address or on the intimated telephone number(s) after reasonable search in this event the agencies / bidders shall be debarred from tendering with the Institute.

14.NIPGR NOT TO ASSIGN ANY REASON FOR REJECTION OF TENDER:

NIPGR hold absolute discretion to accept or reject the lowest or any other tender without assigning any reason. No claim on this account shall be entertained.

15.AMENDMENT IN TENDER DOCUMENTS:

NIPGR reserves the right to revise or amend the Bid Documents up to the date prior to the date notified for opening of the tenders and also the right to postpone the date of submission and opening of tenders without assigning any reason, whatsoever.

16.REFERENCE IN TENDER DOCUMENTS:

Director, NIPGR, shall be referred as "Owner" in all the documents of Tender documents/contract agreement.

**Consultant Engineer
NIPGR**

(Seal & Signature of Contractor)

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GENERAL INFORMATION

1. Accepting Authority Director, NIPGR
New Delhi.
2. Earnest Money Deposit For Rs. 99,360.00 (Rs. Ninety nine thousand three hundred sixty only) to be furnished with the tender in the form of the demand draft or Bank Guarantee issued by Commercial Bank (No interest is payable on Earnest Money)
3. Performance Security deposit The contractor shall be required to deposit an amount equal to 10% of the tendered value of the contract as Performance Security within the period prescribed for commencement of work in the letter of award issued to him. Performance security may be submitted in the form of Demand Draft / Bank Guarantee issued by Commercial Bank (No interest is payable on Performance Security).
4. Authority competent to grant extension of time Director, NIPGR
5. Tools & plants To be arranged by contractor
6. Authority competent to reduce the compensation amount Director, NIPGR
7. Defect Liability Period 12 months from the date of acceptance of completion by the Institute.
8. Release of Performance Security The performance security shall be refunded to the contractor after completion of the defect liability period and recording of completion certificate by Institute
9. Authority Competent to Appoint Arbitrator Director, NIPGR
10. Authority Competent to reduce the compensation amount Director, NIPGR

**Consultant Engineer
NIPGR**

(Seal & Signature of Contractor)

MEMORANDUM

- a) Name of work **Supply & Installation of electrical, furniture requirements & flooring, etc., at HRD Conference Room at NIPGR Campus, New Delhi**
- b) Estimated cost Rs. 49,67,743.00
- c) Earnest money For Rs. 99,360.00 (Rs. Ninety nine thousand three hundred sixty only) to be furnished with the tender in the form of the demand draft or Bank Guarantee issued by any of the Commercial Bank (No interest is payable on Earnest Money).
- d) Time allowed for the completion of work (to be reckoned from 10th day after the date of issue of written order to commence work) 45 Days

**Place
Date:**

(Seal & Signature of Contractor)

GENERAL CONDITIONS OF CONTRACT AGREEMENT

1. PERFORMANCE SECURITY

The bidder / bidders whose tender may be accepted (herein after called the contractor) shall permit NIPGR at the time of making any payment to him for works done under the contract to deduct such sum as will amount to 10% of all moneys so payable to be held by the Institute, by way of performance security. In case, the agency has failed to comply with the terms & conditions of tender, the performance security of agency shall be forfeited.

2. COMPENSATION CLAUSE

The time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor, and shall be reckoned from the 10th day of the date on which the order to commence the work is given to the contractor, and within ten days of award of work the contractor. The work on the contract shall be executed according to the approved drawings as aforesaid and shall throughout the stipulated period of the contract be proceeded with all due diligence (time being deemed to be the essence of the contract on the part of the contractor) and the contractor shall pay as compensation an amount equal to one percent per week of work order amount or on the value of work as per contract, . Provided always that the entire amount of compensation to be paid under the provisions of this clause shall not exceed ten percent of the awarded cost of work as shown in the tender. The Director, NIPGR on a representation from the Agency, is however; empowered to reduce the amount of compensation and his decision in writing shall be final.

3. TIME EXTENSION

If the contractor shall desire an extension of the time limit for completion of the work on the grounds of his having been unavoidably hindered in its execution or on any other ground he shall apply in writing to the NIPGR, within 15 days of the date of the hindrance on account of which he desires such extensions as aforesaid but before the expiry of time limit and the NIPGR, if in his opinion(which shall be final)reasonable grounds as shown thereof, authorized such extension of time if any, as may, in his opinion be necessary or proper.

4. COMPLETION OF WORK

Without prejudice to the rights of NIPGR under any clause hereinafter contained on completion of the work, the contractor shall be furnished with a certificate by NIPGR or his representative of such completion, but no such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed from the premises on which the work has been executed, all scaffolding ,surplus materials and rubbish, and cleaning off the dirt from all doors, walls, floors, or any other parts of buildings said to have been completed, and the measurements in the said certificate shall be binding and conclusive against the contractor, if the contractor shall fail to comply with the requirements of this clause as to the removal of scaffolding, surplus materials, and rubbish and cleaning off dirt on or before the date fixed for the completion of the work, NIPGR, may at the expense of the contractor have removed such scaffolding ,surplus materials and rubbish and dispose of the same as he thinks fit and clean off such dirt as aforesaid and the contractor shall forth with pay the amount of all expenses so incurred, and shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any such sale proceeds actually realized by the sale thereof.

5. ADDITIONS/ALTERATIONS/ DEVIATIONS

The NIPGR, shall have power to make any alterations or omissions or additions or substitutions in the original specifications ,drawings ,designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and the contractor shall be bound to carry out the work in accordance with any instructions which may be given to him in writing signed by the NIPGR and such alterations, additions or substitutions shall not invalidate the contract and any altered, additional or substituted work which the contractor may be directed to carry out in the manner above specified as part of the work shall be carried out by the contractor on same conditions in all respects on which he agreed to do the main work. The time for the completion of the work shall be extended in the proportion that the altered additional or substituted work has to the main work at the sole discretion of the Director, NIPGR, and his decision in this regard shall be final and binding on the contractor.

All tenderers are required to quote as per specifications stipulated hereunder. Rates for all items shall be quoted as specified hereunder. After the award of the contract, the work shall be carried out as per approved samples. Rates for extra/substituted items, should they become necessary during the execution of the work shall be settled on analysis of rate to be submitted by the contractor for such items.

Quantities in the B.O.Q. or estimated quantities which can vary up to $\pm 50\%$ during the execution of the work. Payment shall be made as per actual quantum executed without any change in the contracted rate due to variation in quantity, if any.

6. CARRYING OUT OF WORK

All the work shall be carried out in accordance strictly as per the specifications given in the tender to the total satisfaction of the Institute. In the case of an item for which specification are not available in the said specifications relevant CPWD / BIS specifications applicable as on the date of tenders shall be followed.

7. QUALITY CONTROL OF MATERIAL

If it shall appear to the authorized representative of the Institute, that any work has been executed with unsound, imperfect, or unskillful workmanship or with materials or articles provided by him for the execution of the work are unsound, or of a quality inferior to that contracted for or otherwise not in accordance with contract, the contractor shall on demand in writing from the authorized representative of the Institute specifying the work materials or articles complained of not with standing that the same may have been inadvertently passed, certified and paid for forthwith rectify, or remove & reconstruct the work so specified in whole or in part, as the case may require, or as the case may remove the materials or articles so specified and provide other proper and suitable material or articles at his own charge and cost and in the event of his failing to do so within a period to be specified by authorized representative of the Institute, in his demand as aforesaid then the contractor shall be liable to pay compensation at the rate of 1% on the contract agreement of work for everyday till rectify or remove, and re-execute the work or replace with other, materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

8. INSPECTION OF WORK

All work under or in course of execution or executed in pursuance of the contract shall at all times be open to the inspection and supervision of authorized representative of the Institute, or his subordinate in-charge of the work and the contractor shall at all times, during the usual working hours and at all other times at which reasonable notice of the intention of the Engineer to visit the works shall have been given to the contractor, either himself be present to receive order and instructions or have a responsible agent duly accredited in writing present for that purpose. Orders given to the contractor's agent shall be considered to have the same force as if they had been given to the contractor himself.

The work during its progress shall be inspected by the authorized representative of the Institute and the contractor shall extend all co-operations to the engineers inspecting the work.

9. AGENCY'S RISKS

All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the contract other than the excepted risks are the responsibility of the contractor.

Consultant Engineer
NIPGR

(Seal & Signature of Contractor)

SPECIAL TERMS AND CONDITIONS OF CONTRACT

1. SPECIFICATIONS:

If specifications for an item of work are not covered as per approved Specifications (CPWD / BIS) of tender, the same shall be decided by the Institute and shall be binding on the contractor.

The Director shall have the power to insist upon the contractor to purchase and use such materials of approved make which may in his opinion be necessary for proper and reasonable compliance with the specifications and execution of work.

In the event of any variation/discrepancy in the specification of tender documents the decision of the Institute shall be final binding and conclusive on the contractor.

2. CONTRACTOR TO BE LIABLE FOR ALL TAXES ETC. - The rates specified in the tender shall be inclusive of GST, royalty and other taxes, etc. However if any fresh taxes are imposed by State/Central/Statutory bodies during the currency of contract, the same shall be borne by Institute.

3. FORCE MAJEURE:

The right of the contractor to proceed with the work shall not be terminated because of any delay in the completion of the work due to unforeseeable causes beyond the control and without the fault or negligence of the contractor, including not limited to acts of God, or of the public enemy, restraints of a sovereign state, firms, floods, unusually severe weather.

4. JURISDICTION:

Not with standing any other courts having jurisdiction to decide the questions forming subject matter of a suit any and all actions and proceedings arising out of or relative to this contract (including any arbitration in terms thereof) shall lie only in the court of competent Civil jurisdiction in this behalf at New Delhi., where this contract is to be signed on behalf of and only the said court shall have jurisdiction to try any such actions and/or proceedings to the exclusion of all other courts.

5. SITE WORKING RULES AND REGULATIONS:

a) The contractor shall furnish NIPGR, the Power of Attorney name and signature of his authorized representative who will be in-charge of the execution of the works at site. The contractor shall also furnish the list of technically qualified persons employed by him for execution of the works. Daily reports of number of men employed by crafts and weekly reports of progress achieved, expected date of completion of the works and any actual or potential delays stating the reasons thereof shall be furnished by the contractor.

b) Save as otherwise specifically provided in this Agreement the rates and prices herein, unless otherwise stipulated elsewhere in this Agreement, include all the costs, expenses and outlays of the contractor for executing the works and fulfilling all the obligations of the Contractor under this agreement.

6. SCOPE OF WORK

The scope of work is as per schedule of Bill/quantity. All aspects of works requirement / scope of work including site alignment. Electric supply and water, if any, required for the execution of work shall be provided by institute from one point free of cost.

7. CONTRACTOR'S RESPONSIBILITY FOR THE MANNER OF EXECUTION OF WORKS

The contractor shall be solely responsible for the manner and the method of executing the work. The work shall be subject to the approval of NIPGR from time to time for purposes of determination of the question whether the work is executed by the contractor in accordance with the contract.

8. NO WORK SHALL BE UNDERTAKEN WITHOUT APPROVED WORKING DRAWINGS:

No work shall be undertaken at site by the contractor until detailed approved working drawings marked "Good" for execution/construction is issued by the NIPGR in writing. Any work done without the aforesaid working drawing shall be at the contractor's own risk and costs.

9. TIME LIMIT : The entire work is required to be completed within 45 days after the date of award of contract.

10. SUBMISSION OF BILLS:

Contractor is to submit the bills and record of measurements in approved Performa of the NIPGR or his representative for works executed by him. The Bill can be submitted on completion of work for release of payment and final payment will be made after completion of work.

11. TERMS OF PAYMENT

The entire work executed under this contract shall be guaranteed by the contractor to give Zero defect and trouble free usage for one year after the date of completion of this contract, during this period, any defect in any component of the job on account of bad workmanship or use of sub-standard materials shall be replaced/rectified to the entire satisfaction of the Institute at his cost. The contractor shall be required to deposit an amount equal to 10% of the tendered value of the contract as Performance Security within the period prescribed for commencement of work in the letter of award issued to him.

12. ACTION AND COMPENSATION PAYABLE IN CASE OF BAD WORK:

If it shall appear to NIPGR, or our representatives, that any work has been executed with unsound, imperfect or unskillful workmanship or with materials of any inferior description or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to the contracted for, or otherwise not in accordance with the contract and provide other and suitable materials or articles so specified at his own cost and in the event of his failing to do so within a period to be specified by the NIPGR in his demand aforesaid, **then the contractor shall be liable to pay compensation at the rate of one percent on the amount of the work order** for every week not exceeding ten days while his failure to do so that continue and in the case of any such failure NIPGR, may rectify or remove, and re-execute the work or remove and replace with other materials or articles complained of, as the case may be at risk and expenses in all respects of the contractor.

1. The works shall be inspected by authorized representative of NIPGR. The contractor shall extend full co-operation and render all necessary facilities for inspection of the work to the inspecting authority without any additional cost to NIPGR,. It must be noted that any observations/ comments/ recommendations of the said Technical representative of NIPGR shall be binding on the contractor.

2. It shall always prevail, unless otherwise specifically stated, that the entire provisions of Tender document been opened upon and accepted for compliance by the contractor without any reservation.

**Consultant Engineer
NIPGR**

(Seal & Signature of Contractor)

Instructions for Online Bid Submission

1. The tender documents are available on our website www.nipgr.ac.in & www.eprocure.gov.in and same can be downloaded.
2. Tender documents may be downloaded from ITPO's website www.nipgr.ac.in and CPPP site <https://eprocure.gov.in/eprocure/app> as per the schedule as given in the tender document.
3. Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>. Tenderers/Contractors are advised to follow the instructions provided in the 'Instructions to the Contractors/Tenderer for the esubmission of the bids online through the Central Public Procurement Portal for eProcurement at <https://eprocure.gov.in/eprocure/app>'. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
4. Not more than one tender shall be submitted by one contractor or contractors having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.
5. The bidders are advised to visit CPPP website <https://eprocure.gov.in/eprocure/app> at least 3 days prior to closing date of submission of tender for any corrigendum / addendum/ amendment.
6. Bids will be opened as per date/time as mentioned in the **Tender Document**. After online opening and evaluation of technical bids, the results of their qualification as well Price-Bid opening will be intimated.

Submission of Tender

The tender shall be submitted online in two parts, viz., Technical bid and Financial bid.

All the pages of bid being submitted must be sequentially numbered by the bidder irrespective of nature and content of the documents before uploading.

The offers submitted by hand/Post/Fax/email shall not be considered. No correspondence will be entertained in this matter.

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION

7. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "**Online Bidder Enrolment**" on the CPP Portal which is free of charge.
8. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
9. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

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10. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra/ Nic etc.), with their profile.
11. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
12. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

13. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
14. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
15. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

Bidder should take into account any corrigendum published on the tender document before submitting their bids.

16. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
17. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
18. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, GST Certificate etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

19. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
20. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.

21. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
22. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
23. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
24. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
25. Upon the successful and timely submission of bids (i.e after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
26. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

27. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 3070 2232, 91-7878007972 and 91-7878007973.

**SPECIAL INSTRUCTIONS TO BIDDERS FOR REGISTRATION
WITH COMPETENT AUTHORITY**

Bidders Registration

- 1) Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority constituted by the Department for Promotion of Industry and Internal Trade (DPIIT).
- 2) **"Bidder"** for the purpose of this tender (including the term 'tenderer', 'consultant' 'vendor' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency, branch or office controlled by such person, participating in a procurement process.
- 3) **"Bidder from a country which shares a land border with India"** for the purpose of this tender means:
 - a) An entity incorporated, established or registered in such a country; or
 - b) A subsidiary of an entity incorporated, established or registered in such a country; or
 - c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d) An entity whose beneficial owner is situated in such a country; or
 - e) An Indian (or other) agent of such an entity; or
 - f) A natural person who is a citizen of such a country; or
 - g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above
- 4) **"The Beneficial owner"** for the purpose of (3) above will be as under:
 - 1) In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person(s), has a controlling ownership interest or who exercises control through other means.

Explanation: -

 - a) "Controlling ownership interest" means ownership of, or entitlement to, more than twenty-five per cent of shares or capital or profits of the company;
 - b) "Control" shall include the right to appoint the majority of the directors or to control the management or policy decisions, including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
 - 2) In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership or entitlement to more than fifteen percent of capital or profits of the partnership;

Tenderers Signature and Seal

- 3) In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
- 4) Where no natural person is identified under (i) or (ii) or (iii) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
- 5) In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

“An Agent” for the purpose of this Order is a person employed to do any act for another, or to represent another in dealings with third persons.

Sub-contracting in works contracts

In works contracts, including turnkey contracts, contractors shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

***Please note that the bidders shall provide the mandatory Certificates in the following formats on their registered Company's letter heads:**

Certificate for Tenders involving procurement

“I/We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I/we certify that we are not from such a country or, if from such a country, have been registered with the Competent Authority. I/we hereby certify that we fulfill all requirements in this regard and are eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]”

Certificate for Tenders for Works involving possibility of sub-contracting

“I/We have read the clause regarding restrictions of procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I/we certify that we are not from such a country or, if from such a country, have been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. I/we Hereby certify that we fulfill all requirements in this regard and is/are eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]”

Tenderers Signature and Seal

TERMS & CONDITIONS

Name of Work:- **Supply & Installation of electrical, furniture requirements & flooring, etc., at HRD Conference Room at NIPGR Campus, New Delhi**

1. The site of work is at NIPGR Campus, Aruna Asaf Ali Marg New Delhi-110067.
2. The contractor should visit the site and make himself acquainted with the topography of the site. The Department shall entertain no extra claim later on. A certificate of site visit as per Annexure-II must sign as enclosed.
3. The contractor shall make his own arrangement for the security of material at site.
4. The contractor shall arrange all T&P, Scaffoldings as required and nothing extra will be paid.
5. The contractor must get the prior approval of materials from the Engineer- In –Charge.
6. The rates shall be inclusive of Transportation, loading, unloading and handling charges of material, nothing extra will be paid.
7. The rates shall be inclusive of all taxes including GST, however, GST shall be shown separately in Price Bid.
8. The contractor shall follow all labour laws as prevailing in Delhi.
9. All works shall be carried out as per CPWD Specifications and to satisfaction of the Institute.
10. The Institute reserves the right to reject / accept any or all tenders without assigning any reason.
11. In case of any dispute, the decision of the Institute shall be final & binding on the contractor.
12. Any work not carried out as per instruction of the Engineer-in-charge shall be removed and reconstructed by the contractor without any extra cost.
13. The work shall be completed in all respects within **45 days** from the date of issue of letter of commencement.
14. The Contractor shall be responsible for any damages and site clearance and nothing extra will be paid. In case the site clearance and damages which are not attended, a recovery amounting to Rs. 50,000/- shall be made.
15. All papers attached with this tender should be signed & returned in original.
16. The Tender must be accompanied with E.M.D. amounting to Rs. 99,360.00 (Rs. Ninety nine thousand three hundred sixty only) by way of Demand Draft or Bank Guarantee in favour of “**DIRECTOR, NIPGR**”, New Delhi. The EMD will however be released after completion of work.
17. Tender not accompanied with E.M.D. will not be considered.
18. In case, the agency fails to comply with terms & conditions the E.M.D. / Performance Security of the agency shall be forfeited / encashed.
19. Make of items are mentioned in the schedule of quantity and enclosed.

Consultant Engineer
NIPGR

(Seal & Signature of Contractor)

(Undertaking on a Non-Judicial Stamp Paper worth Rs. 100/- duly notarized)

I / We (bidder) hereby give an undertaking that:

- (a) I/We have not been blacklisted / not on holiday list during last three years by any Govt. Department/Govt. Autonomous Body / Institution, etc.
- (b) I/We do not have any dispute with any of the Govt. Department/Govt. Autonomous Bodies/Institutions, etc.;
- (c) I/We have never been certified as 'Unsatisfactory Performer' for the said services provided to the Govt. Department/Govt. Autonomous Bodies/Institutions;
- (d) I/We have not submitted any fake/forged certificates/documents and later, if any such 'Certificates/Documents' found to be fake/forged or contains willful wrong/incorrect information, suitable legal action may be initiated against me/us/agency besides "Blacklisting" etc.
- (e) I/We shall not withdraw my/our bid after opening of Technical Bid and if done so, the NIPGR shall be authorized to take action as deemed appropriate against me/us.

(Signature of Authorized Signatory with Company Seal)

Place:

Date:

'CERTIFICATE FOR SITE INSPECTION'
Pre-qualification criteria of NIT

Certificate that we have visited the site on and assessed the nature and amount of work involved before submitting our offer. We will be able to complete the works within the stipulated time and also that we will be able to execute the work suit to the site conditions.

(Signature of Bidder with Seal)

Name:

Address:

Date:

Consultant Engineer

CHECK-LIST FOR PRE-QUALIFICATION BID FOR NAME OF WORK: Supply & Installation of electrical, furniture requirements & flooring, etc., at HRD Conference Room at NIPGR Campus, New Delhi

Sl. No.	Documents asked for	Page number at which document is placed
1.	Earnest Money / Bank Guarantee	
2.	Tender Documents	
3.	Name of authorized person of the firm/agency, designation, address and office telephone numbers. If the bidder is a partnership firm/private or limited company, name designation, address and office telephone numbers of partners/ Directors also.	
4.	Undertaking on a Non-judicial Stamp Paper of Rs.100/- (as per format prescribed in Annexure-I)	
5.	Certificate for Site Inspection with seal & signature of agency.	
6.	Self-attested copy of the PAN card & GST, issued by the Income Tax Department.	
7.	Proof of experiences / Completion Certificates of last seven years ending Oct-2023 as specified in the NIT along with satisfactory performance certificates and work order copy from the concerned employers.	
8.	Annual turnover of last three financial years during the last three years duly certified by the Statutory Auditors.	
9.	Certificate for Tender's involving procurement on letter head of company/firm as per Annexure – IV	
10.	Certificate for Tenders for Works involving possibility of sub-contracting on letter head of the company/firm as per Annexure-V	
11.	Documents in support of company/firm/agency's office establishment is based in NCR / Delhi.	
12.	Copy of E.M.D. in form of D.D. or Bank Guarantee from any commercial bank or copy of registration with MSME & NSIC for the desired activities / services are exempted for submission of EMD.	
13.	Valid Electrical Contactor License issued from Competent Authority	
14.	Any other documents, if required.	

Signature of the Bidder
(Name and Address of the Bidder)
Telephone No.

Certificate for Tenders involving procurement

“I/We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I/we certify that we/our principles are not from such a country or, if from such a country, have been registered with the Competent Authority. I/we hereby certify that we fulfill all the requirements in this regard and are eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]”

(Signature of Authorized Signatory with Company Seal)

Note: The Certificate should be printed on the Company's letter head.

Certificate for Tenders for Works involving possibility of sub-contracting

“I/We have read the clause regarding restrictions of procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I/we certify that we/our principles are not from such a country or, if from such a country, have been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. I/we Hereby certify that we fulfill all requirements in this regard and is/are eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]”

(Signature of Authorized Signatory with Company Seal)

Note: The Certificate should be printed on the Company's letter head.

Works Requirement/Scope of Work

This section contains the brief idea of scope of work, supplementary information drawings etc. regarding the work to be executed under instant tender, may vary as per site requirement. In case of any change the decision of Institute will be final and binding to the contractor. The work however shall be executed as per BOQ and working drawings.

A. GENERAL REQUIREMENTS APPLICABLE FOR ALL SCOPES OF WORK

1. WORKING DRAWINGS: The Contractor shall at all times maintain on site, in good order and condition, a complete set of all drawings duly laminated and documents necessary for the proper execution and checking of the Works. These drawings and documents shall be made available on request to the Institute or other authorized persons on site. Any amendment shall be indicated on the drawing, dated and signed by the Authorized person in charge, with reasons stated if possible.

2. AS-BUILT DRAWINGS: The Contractor will supply four hard copies & a soft-copy of the approved built-up drawings on completion of work. The cost of preparing all such items of work shall be deemed to have been included in the respective rates/ prices quoted by the Contractor in the "Bill of Quantities.

3. SHOP DRAWINGS: The contractor shall also provide shop drawings for various sub-parts of the tender for approval by the Institute. Areas of detailing shall include (but will not be limited to Civil, Furnishing, Electrical, Fire-Protection, Works. The shop drawings shall be conformance to the actual site conditions.

4. SAMPLES: The contractor shall submit to the Institute, samples of materials for approval and no work shall commence before such samples are duly approved. The cost of the samples shall be borne by the contractor.

5. TESTS: The entire mandatory test shall be carried out at the frequency as mentioned in the specification. All materials and methods of tests shall conform to the latest rules, regulation and/or individual specifications as laid out in the technical specifications. The Institute will have the option to have any of the materials tested and if the test results show that the materials do not conform to the specifications, such materials shall be rejected. A reasonable number of representative tests will be deemed to be included in the rates tendered.

6. SITE CLEANING: Upon completion of the scope of the work all the areas should be cleaned. All floors, doors, windows, surface, etc. shall be cleaned down in a manner which will render the work acceptable to the Institute and employer. All rubbish due to any reason, shall be removed daily from the site at the cost of the contractor and all such costs are deemed to have been included in the price quoted by the contractor.

7. MAINTENANCE IN DEFECT LIABILITY PERIOD: The Contractor shall be obliged to remove / repair / replace/ the defects for the entire system during defect liability period (DLP) of Twelve months (12) months after the final official hand over date of the all work/other installation, duly approved by the Institute /Architect/Consultant. This period shall include maintenance replacement of parts, regular periodic visit by qualified personnel of the Contractor and attending to emergency call at short notice of 8 hours.

8. WARRANTIES/GAURANTEES- The contractor shall also make available to NIPGR all the warranties/guarantees by the respective manufacturers for all material and equipment installed in the project along with the user/training manuals, test reports, contact details etc. as along with the built-up drawings of the project upon completion of project.

9. Maintaining the work in finished condition against defects for a minimum of specified defect liability from the date of commissioning and imparting training to the workers/staff as asked for maintaining the work as per IS requirement and exercising.

10. Items not covered under these specifications due to any ambiguity or misprints, or additional works, the work shall be carried out as per specifications or the latest N.B.C. manual up to date amendments as applicable in the work.

11. The contractor shall be responsible for making good the surfaces and cut-outs wherever provided on account of plumbing, fire protection, electrical & HVAC work cross-overs and shall hand-over the site in finished condition.

B. GENERAL SCOPE OF WORK

Work consists of Designing, Supplying, Installation, Integration, Testing and Commissioning of Electrical, Furnishing, Flooring, Fire –Protection, etc., of conference Room at NIPGR, Aruna Asaf Ali Marg New Delhi. It works will be measured and paid on item rate basis.

Consultant Engineer
NIPGR New Delhi

Seal & Sign of Agency

26-

**NIPGR, JNU
CAMPUS,
NEW DELHI**

NOTE

1. INDOOR AND OUTDOOR EXHAUSTION WILL BE AS PER EXISTING CLIF BLOCK.

PROJECT:

**EXTENSION OF
C.I.F. BLOCK
N.I.P.G.R.**

CLIENT:

**CHAIRMAN BUILDING COMMITTEE,
NIPGR, New Delhi**

TITLE:

CONFERENCE ROOM (HDR)

DATE	SCALE	BY	CHECKED
27.05.23	1:50	AK	AK
		AK	AK

Architect : **S.D. SHARMA**

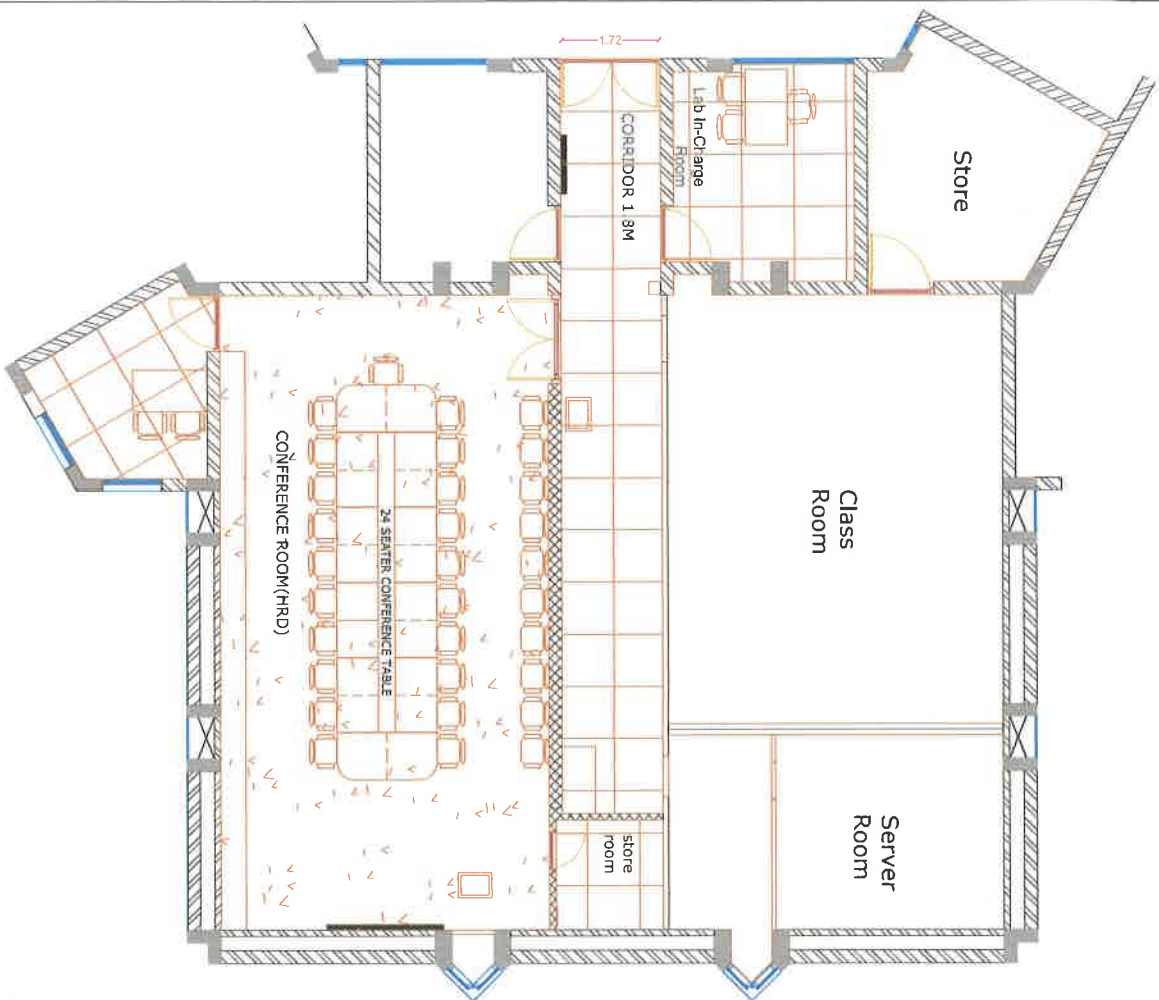



S.D. SHARMA & ASSOCIATES
ARCHITECTS
101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.



**PROPOSED CONFERENCE ROOM Lab -007 at NIPGR
CAPACITY=34**

- NOTES**
- ACOUSTIC PANELS ON ALL 4 WALLS OF CONFERENCE ROOM TO BE PROVIDED
 - ALREADY EXISTING FALSE CEILING AND FLOORING TO RETAIN IN ALL SPACES.
 - AREA UNDER SCOPE



<h2 style="margin: 0;">NIPGR, JNU CAMPUS, NEW DELHI</h2>			
<div style="border: 1px solid black; height: 100%;"></div>			
NOTE:			
PROJECT: <div style="text-align: center; padding: 10px;"> EXTENSION OF C.I.F. BLOCK N.I.P.G.R. </div>			
CLIENT: CHAIRMAN BUILDING COMMITTEE, NIPGR, New Delhi			
TITLE: CONFERENCE ROOM (H0R) FLOORING PATTERN			
DATE: 03.05.21	SCALE: 1:10	DESIGNED BY: A. JANGERI	
DATE: 04.05	SCALE: 1:10	DESIGNED BY: ARCHITECT	
Architect: S.D. SHARMA			
			
S.D. SHARMA & ASSOCIATES <small>102, 103 & 104, 1st Floor, Naraina Extension-II, New Delhi-110028 Phone: 011-26108200, 26108201, 26108202 Fax: 011-26108203, 26108204, 26108205 E-mail: sdsharma@rediffmail.com</small>			

Note: Specifications of flooring for the free standing partition :- grade of pcc should be minimum of m20 (mix ratio 1:5:5:3) or m25 (mix ratio 1:1:2), the dimension of each pcc should be 450 mm l x 300 mm w x 140 to 150 mm ht at the marked location. (mix ratio of cement, sand, stone), also electrical trunking should not be laid below these partitions.

FOOT NOTE :

MINGLE MODULAR PLT CONFERENCE

29 SEATER

QTY:01

MAYFAIR TABLE

1350W X 750D X750H

QTY:02

NOTE : KINDLY CHECK QUANTITY BEFORE ORDER BOOKING

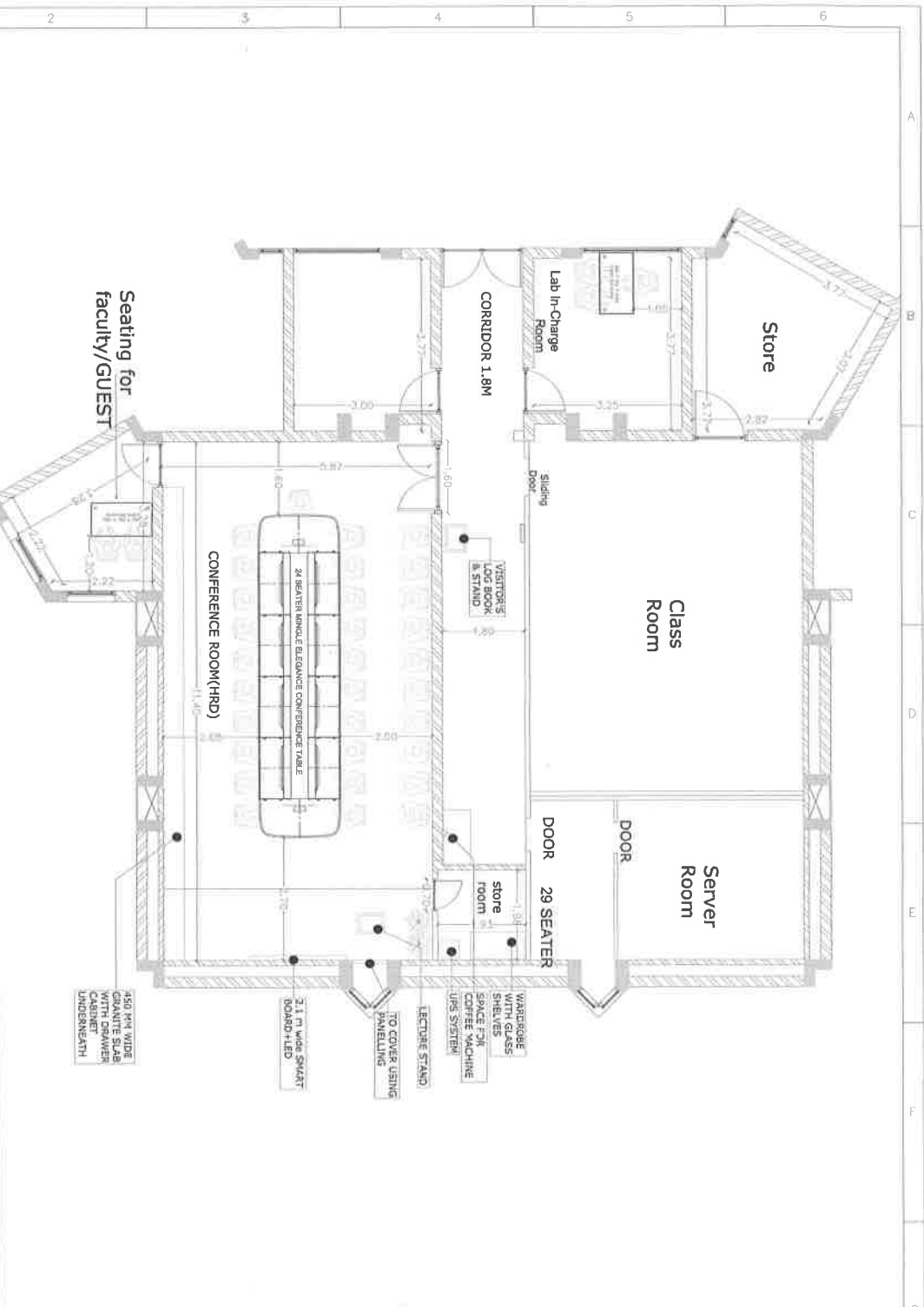
ARCHITECT :
MR. SANGEET SHARMA



S.D. SHARMA & ASSOCIATES
ARCHITECTS, PLANNERS,
INTERIOR DESIGNERS,
S.CO. 54 F.F., SWASTIK VIHAR
PANCHSULA-124109 (R/R)

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DRAWING TITLE:
CONFERENCE ROOM



Seating for
faculty/GUEST

GENERAL NOTES:

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Our products are manufactured in the metric system, as per Indian standard in various configurations would vary as per the location of component.
All measurements to be read & not to be scaled.

PROJECT :

NIPGR

REVISIONS:

R	REVISIONS	DATE
RO	First cut layout	27-03-2023

PROJECT INCHARGE: Rishabh Dev

DRAWN: - Chetan Srivastava

DATE: 27-03-2023 SHEET NO: 1 of 1

UNITS: MM REV NO: 00

E QUOTE NO: 27401

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CIVIL WORK		
LIST OF APPROVED MAKES		
1	PLYWOOD/BLOCK BOARD/SOFT BOARD	ANCHOR, DURO, MAYUR, GREEN LAM, CENTURY, ARCHID PLY, ALPRO
2	PRELAMINATED PARTICLE BOARD	ACTION TESA, NOVAPAN, ANCHOR, MERINO, GREEN LAM, CENTRURY, ARCHID PLY
3	ALUMINIUM EXTRUSIONS	JINDAL, HINDALCO, NARMADA, BHARUKA, INDAL, MAHAVIR OR EQUIVALENT
4	VITRIFIED PORCELAIN TILES	NAVEEN DIAMAND TILES, NITCO, JOHNSON, MARBITO BRAND, RAK, KAJARIA, VARMORA, CT TILES
5	DOOR FITTINGS	GODREJ, DOORSET, OZONE, INDOBRASS
6	LOCKS AND HANDLES	EVERITE, GODREJ, HARRISON, INDOBRASS
7	DOOR CLOSER	DOORSET, EVERITE, GARNISH, INDOBRASS
8	WORK STATION AND MODULAR FURNITURE	GODREJ, STANLEY, HAYWORTH
9	BLINDS	VISTA, MAX, ARMSTRONG
10	FURNITURE HARDWARE	UNIQUE, HATTICH INDIA, EBCO, EARL BEHARI
11	FALSE CEILING MAKE	ARMSTRONG, GYPCORE, SHERA
12	ACOUSTIC PANELS	CREDENCE, Usg BOARD, ANNUTONE, ACOUSTIC, NICE INTERNATIONAL
13	LOOP PILE TILES	UB CREATES, ARTLINE CREATION, SUFIYA CARPET
14	CARPET TILES	ORIENTAL CARPET, HARD TUFFED CARPET, ANTIQUE CARPET, TARKETT

ELECTRICAL WORK		
LIST OF APPROVED MAKES		
1	MCB's, MCCBs, RCCBs, ELCB's & MCB DBs	Legrand/ABB/L&T/Siemens/Havells
2	LT XLPE copper armoured cables up to 1100v & FRLS, PVC insulated copper multistranded conductor wires	Skytone/KEI/POLYCAB/FINOLEX
3	Lugs	Dowells/Isma
4	Glands	Gripwell/Comet
5	Indicating lamps	L&T/Siemens/Technique
6	Lighting fittings & luminaries	Crompton / Philips/Wipro/Bajaj/Havells
7	Modular type sockets & switches	Roma (Anchor) / Legrand/MK/Crabtree/Philips/Clipsal/North West
8	UPS	APC/Eaton/Vertiv/Microtek/Luminous
9	Fibre optic cable	Finolex/Aksh Optifibre/Siemens/Casco/OFS/D-link

SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION OF ITEM	QTY.	UNIT	RATE	AMOUNT
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Attached at pages _____ to _____

Should this tender be accepted, in whole or in part I/We hereby agree to abide by and fulfill all the terms & provisions of the conditions of tender as applicable or in default.

I/We agree:

- (i) that should I/We fail to commence the work specified in the above-mentioned Memorandum the without prejudice to any other right or remedy shall be at liberty to debar from tendering with the Institute.
- (ii) to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein.

The names and postal addresses and contract phone nos. of our representative(s) authorized to deal with this tender are:

1)

2)

3)

Dated the _____ day of _____ 2023

(Seal & Signature of Contractor)

BoQ Ver 3.1	Item Wise BoQ Item Wise	INR and Other Currency				
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Tender Inviting Authority: Consultant Engineer, NIPGR, New Delhi

Name of Work: Supply & Installation of electrical, furniture requirements & flooring, etc., at HRD Conference Room at NIPGR Campus, New Delhi.

Contract No: NIPGR/Engg./7/11/2023-24

Name of the Bidder/ Bidding Firm / Company :

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	Item Description	NUMBER #	TEXT #	Quantity #	Units	NUMBER #	UNIT RATE In Figures To be entered by the Bidder Rs. P	NUMBER #	GST in Rs. P (Col. 5 x % of GST)	NUMBER #	Total Unit Rate with GST (Col. 5+6)	NUMBER #	TOTAL AMOUNT Without Taxes in Rs. P (Col. 3 x 5)	NUMBER #	TOTAL AMOUNT With Taxes in Rs. P (Col. 3 x 7)
1	2	CIRCUIT CUM POINT WIRING	3	4	5	6	7	8	9							
A		The rates for all point wiring items shall also include supplying and fixing of the following:														
1		Conduits, conduit accessories, brass bushes and other fittings.														
2		Approved GI saddles and grouting the same for exposed conduit work.														
3		1.2 mm thick Outlet boxes and junction box.														
4		All fixing accessories such as clips, brass screws etc.														
5		All work necessary for wiring a point circuit of any length from the Final Distribution Board to connector via switch and shall include the circuit wiring also except where identified.														
6		Embedding conduits and accessories in walls and floors etc. during construction and / or cutting chases (with chase cutting machine) and making good the same as necessary in the case of concealed conduit work.														
7		Switch, socket outlet and necessary blank plates wherever required.														
8		FRLS copper conductor stranded flexible FRLS wire of Green colour or Green colour with yellow band for earthing of fixtures, outlet boxes and third pin, of socket outlet.														
9		Repainting of outlet boxes and junction boxes where ever damaged.														
10		All wires shall be IS approved, 1100 volt grade, stranded flexible FRLS.														
11		All sockets shall be shuttered type with earth terminal.														
12		Suitable rating of plugs top shall also be provided within the quoted rates for all polycarbonate splash proof socket outlets.														
13		Separate neutral and earthing wire shall be provided for each circuit.														
14		Lighting and power circuit to be kept separate.														

NOT TO BE FILLED

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1	2	3	4	5	6	7	8	9
1	Wiring for the following light points with 2.5 sq.mm (including circuit wiring) PVC insulated FRLS copper conductor 1100 volts grade stranded flexible wires of approved make in Surface/ concealed 25 mm dia PVC. conduit including providing and fixing of 6 amps single pole rocker operated flush mounted switch of approved quality, colour, make and design in 1.2 mm thick GI box and earthing of fixtures and the outlet box with 2.5 sq.mm PVC insulated FRLS copper conductor stranded flexible wire.							
a	Primary points	7	Pts					
b	Loop points	15	Pts					
2	Wiring of 240 volts single phase, 6/16 Amp switched socket outlet with 2 x 4 + 1 x 2.5 Sq mm. 1100V FRLS PVC insulated copper multistranded conductor wires in PVC conduit including providing and fixing of 6 pin 16 Amps modular plate type switched & socket with the GI box, earthing of 3rd pin with PVC insulated green colour 2.5 Sq mm. 1100V copper wire, complete with all accessories as required.	3	Pts.					
3	Wiring for light point as in item No. A-1 above but controlled by SPMCB provided in the DB. (Cost of MCB not to be included here).							
a	Primary points	2	Pts.					
b	Loop points	3	Pts.					
B	CABLES AND CABLE TRAYS							
	The rate shall also include the following :							
1	Providing and fixing junction boxes with covers including painting where ever required.							
2	Providing all fixing accessories such as clamping devices nuts, bolts and screws.							
3	Wherever the cables are of copper and bus bars of copper bimetallic tugs shall be used.							
4	All cable shall be laid with one diameter gap.							
5	All cables shall be IS approved.							
6	Double compression glands with earthing provision.							
7	Fire retardant paint one meter on both side of wall penetration and at termination as per specifications.							
8	Buried LT cables to be laid atleast 750 mm below ground.							

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1	2	3	4	5	6	7	8	9
1	Supply, laying & testing of of following 1100 volt grade XLPE Cu conductor armoured cables as per specification in existing , cable trays, ducts, over bed of sand, clamped to wall with suitable clamps including saddles fixing bolts, connecting testing and commissioning.							
1.1	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	50	RM					
2	Supply and fixing of perforated type G.I. cable trays of the following sizes including providing 2 No. 25 x 25 x 4 mm GI angle suspenders at 1800 mm C/C as per specifications..							
2.1	100 mm x 50 mm x 1.6 mm thick	50	RM					
3	Supply and laying of SS Raceway with cover with galvanized coating and Pre-coating of the following sizes.							
3.1	50 mm x 50 mm	100	RM					
C	FINAL DISTRIBUTION BOARDS							
	Note:- Contractor shall provide the number of outgoing with SP MCB as descri bed in the items along with considering extra space for DP RCCB for each phase. For example, 4Way TPN, the SP MCB output shall be 4 nos plus 1 no. DP RCCB.							
1	Supply, installation, testing and commissioning of the following FDB's fabricated out of 16/18 guage thick CRCA sheet steel, double door lockable construction, powder coated with approved shade and partitions to segregate phases, recessed in wall or surface mounted final distribution boards complete with inter connecting wires of proper guage, aluminium coated copper thimbles and with the circuit identification tags. The DB shall be suitable for taking cable/conduit as incoming/outgoing. Incomer cable must be terminated into DB by providing cable gland as per approved make. All MCB to be C Curve unless specified otherwise & of 10 KA breaking capacity. Each panel shall have its laminated circuit diagram. Final distribution board are as per the following descriptions:							
1.1	Note:- Contractor shall provide the number of outgoing with SP MCB as descri bed in the items along with considering extra space for DP RCCB for each phase. For example, 4Way TPN, the SP MCB output shall be 4 nos plus 1 no. DP RCCB.							
1.1	8 way TPN DB, 18 Nos. 10/16/20 A SP MCB's per phase with 3 Nos. 25 A DP RCCB's of 30 mA leakage current and 1 No. 40 A 4P MCB as incomer with separate neutral link for each phase.	1	Nos.					
1.2	6 way TPN DB, 12 Nos. 10/16/20 A SP MCB's per phase with 3 Nos. 25 A DP RCCB's of 30 mA leakage current and 1 No. 40 A 4P MCB as incomer with separate neutral link for each phase.	3	Nos.					

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1	2	3	4	5	6	7	8	9
D	RECEIVING, STORING, INSTALLATION OF LIGHTING FIXTURES							
1	Note:- The selection of fixtures shall be as per client/ architect and supply for the same shall be in owner scope and to be designed by lighting consultants. The same has not been considered here.							
1	The rates shall include all components that may be required to make the installation complete in all respects such as :							
a	All lamps and control gears.							
b	Internal wiring between accessories.							
c	Earthing terminal.							
d	Complete provision for installation.							
e	Wires for connecting the fixtures to the point through connector block.							
f	All metal blocks to serve as base of fixtures.							
g	Bonding with earth wires.							
2	Drilling holes in supports wherever required.							
3	Fixing clamps, GI bolts and nuts, brass screws, saddles, rawl bolts and other fixing accessories as required.							
4	Testing of all fixtures & fans before and after installation.							
5	Rates for installation of light fixture are inclusive of any PVC/G.I flexible conduit if required.							
6	Receiving, storing , installation, testing & commissioning of following type of light fixtures as per schedule of fixtures, drawings & specifications. (Fixtures shall be with required dimming provision as per its requirement)							
a	1X34W Surface Mounted Grid ceiling Light Fixture	12	Nos					
b	1X15W Surface Mounted Grid ceiling Light Fixture	4	Nos					
c	1X18W Surface Mounted ceiling Light Fixture	10	Nos					
E	MISCELLANEOUS ELECTRICAL ITEMS							
1	Supply, installation, testing and commissioning of 10 kVA UPS, 1 phase (230 V + 15%) Volts input & 1 phase output (230 V + 1%), 50 Hz, 100% IGBT inverter & converter, Input harmonic Current THD 3% typical at 100% load, 6% maximum at 50% load, Unity power factor, AC-AC efficiency >=95%, paralleling up to 04 Unit and 30 min battery backup (VAH = 8064) with 12 V SMF VRLA batteries for UPS along with battery track & interconnecting cables. Quoted price shall be inclusive of approved rating single core copper conductor cable connecting UPS and batteries.							
	10 kVA	1	Set					

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1	2	3	4	5	6	7	8	9
2	Supplying & Fixing of 12 core full loaded LIU should be of 1U size and 19" rack-mountable enclosure. LIU should be complete with 9/125µm multi mode pigtailed LIU should be complete with splicing tray and other standard accessories. LIU should be loaded with SC/LC-type adapter and couplers. LIU should be of ROHS compliant.	1	Unit					
3	Supplying & Fixing of Fiber Optic Cable ISO/IEC-11801-OM3 50µ Duplex, LSZH, Shall be Duplex Multi Mode Fiber Optic OM3 50µ, Shall support network line speeds up to 10 Gbps. Shall have LC-LC Connector connectors at the ends complete in all respect.	90	Mtr					
4	Supplying & Laying of CAT 6 Cable should be unshielded twisted pair cabling system, TIA / EIA 568-C.2 Category 6 Cabling system. Network support should be ultra high speed data networks such as Gigabit Ethernet (1000 Base-T and 1000 Base-TX) and beyond. Cable should be ETL Verified, UL Listed and UL channel verified- all three certificates are mandatory. Conductors type should be 23 AWG solid bare copper. Frequency tested should be up to 600 MHz minimum. Impedance should be 100 ± 15 Ohms. Propagation delay should be 535ns/100m @250MHz. Cable should be RoHS compliant. Cable Qty. considered for (DATA + CCTV + Voice)	640	Mtr					
5	S/F of fire extinguishers welded SS304 Body ABC type 6 kg capacity (ISI) maked IS:2878 & TAC approved) complete with initial charge & wall bracket along with supply of all material and labour for proper completion of work. MAKE: KALPEX/MINIMAX/SAFEEX/KANEX	4	Mtr					
6	S/F of fire extinguishers seamless MS Body CO2 type 4.50 kg capacity (ISI) maked IS:2878 & TAC approved) complete with initial charge & wall bracket along with supply of all material and labour for proper completion of work. MAKE: KALPEX/MINIMAX/SAFEEX/KANEX	4	Nos.					
7	S/F of fire extinguishers seamless MS Body CO2 type 4.50 kg capacity (ISI) maked IS:2878 & TAC approved) complete with initial charge & wall bracket along with supply of all material and labour for proper completion of work. MAKE: KALPEX/MINIMAX/SAFEEX/KANEX	4	Nos.					
8	S/F of fire extinguishers seamless MS Body Clean Agent type 6 kg capacity (ISI) maked IS:2878 & TAC approved) complete with initial charge & wall bracket along with supply of all material and labour for proper completion of work. MAKE: KALPEX/MINIMAX/SAFEEX/KANEX	1	Nos.					
9	Making the connection of Existing Electrical panels/DB to proposed db necessary switchgear and wire including cut in chases, conduit and laying in conduit/surface etc. whatever required at site and repair the wall with plaster, concrete whatever required at site complete in all respect nothing will be paid separately.	1	Job					

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1	2	3	4	5	6	7	8	9
10	Supply of IP20 linear 120mm wide, 33mm width suspended fitting made of extruded aluminium housing. Opal diffuser connected with customised grey coloured frame. Fixture should have minimum efficacy at System level (Not Chip Level) >100lumens/watt and a minimum system lumen output of >120 lumens and maximum system wattage of 147W. Luminaire should have Life of 50000hrs@L70B50 Lumen maintenance, CCT up to 4000K, CRI >80, PF >0.95, THD<10% and an operating Voltage Range of 140 - 270 Internal Surge Protection 4KV. The fixture should comply with the parameters as per ISI10322. The LED driver should comply to IEC61000-3-2 ed.3.2, 2009 for Harmonics, IEC61347-2-13, 2006 in Conjunction with IEC61347-1 ed.2.0, 2007 for Electrical Safety, IEC62384 ed.1.1, 2011 for performance and IEC61547 ed.2.0, 2009, CISPR- 15 for EMI. Manufacturer shall have inhouse lab approved by NABL or ministry of science of govt of India. LM 79 and LM80 reports need to be submitted from a NABL/UL accredited lab to verify above parameters. Including 3 core 1.5 sq.mm. Similar to Signify Flatline with Frame or Equivalent in L/T/Regent	1	Nos.					
11	Making the connection of Existing server Hub to proposed server with necessary items, software and wire including cut in chases, conduit and laying in conduit/surface etc. whatever required at site and repair the wall with plaster, concrete whatever required at site complete in all respect nothing will be paid separately.	1	Job					
F	ACOUSTICAL TREATMENT							
1	Providing and Fixing of 24mm WPC wall paneling with ND40 Screw fixed @ 200mm on GI stud of 50 x 50mm making a grid of 610 x 610mm c/c. The frame is to be made in proper line after leveling. The work to be done complete as per the design & instructions of architect including all accessories/ hardware required. Make: Megastar, Leben, Arbor	448	sqft					
2	Providing and Fixing of 12mm Thick Acoustic panels with square ore beveled edge, the apncls are manufactured from 100% polyethylene terephthalate have density of 18 kg/m3, panels should be fire resistant as per B1 Class A. The panel to be glued over 8 mm thick perforated ply fixed over GI framework made of GI studs of 48x36x34mm, 5mm thick matching ceiling section. The GI framing to be centre filled with 50mm thick 1000GSM polyester wadding. The panel should be pasted to be the perforated ply with SH/SRS adhesive. The work to be done complete as per the design & instructions of architect including all accessories	740	sqft					

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1	2	3	4	5	6	7	8	9
3	Providing and fixing partition upto ceiling height consisting of G.I. frame and required 12mm bison board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacturer's specification and direction of engineer in charge all complete. Rockwool with thickness of 50mm having 96 kg density will be laid on existing grid for better insulation.	400	sqft					
4	Providing & Fixing of Mineral Fiber Acoustical Suspended Ceiling System PIN HOLE (BUTT / REGULAR) EDGE TILES WITH REGULAR 24 mm EXPOSED GRID. The tiles should have Humidity Resistance (RH) of 85%, NRC 0.50, Light Reflectance >84% with Fire Resistance as per GB8624 B1 in module size of 600 X 600 X 15 mm as per the drawing and the work complete in all respects to the satisfaction of Engineer in-charge.	882	sqft					
5	Providing and Fixing 20oz. Loop pile 2' x 2' carpet with precision tufted loop piles as underlay of 6mm thick PU foam fixed to existing levelled floor with synthetic adhesives as approved by the manufacturer.	882	sqft					

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1	2	3	4	5	6	7	8	9
6	Supply & Fixing of 75mm acoustic doors at site 75mm thick acoustic and sound reducing doors made with 2nd class Wooden Framework, infill in 24 kg/cum density resin bonded glass wool with 12mm commercial ply and 1mm thick laminate on both sides. Cost includes Sal wood Chowkhat (Section size: 5" x 3") fixing acoustical seals, stainless steel ball bearing hinges, door closers, door stoppers and steel handles	4	Nos					
7	Providing and Fixing of 10' x 8' Window blinds thickness: 0.02in(0.53mm), vacuum cleaning and/or gentle wiping with a sponge and mild soap. DO not soak, do not use any other solvents and do not rub.	3	Nos					
G	DOORS AND FLOOR WORK							
	Al Georleon Bar Glass Doors							
1	Providing & Fixing of Powder Coated slim Line (45mm x 25mm) Aluminium doors of Size 3'3" x 8'0" with Vertical Profiles, Horizontal Profiles, Georgian Bar Profiles AQ25, AQ25P, AQ25B, AQ25FD with 8mm Clear Toughened Glass Door Including Floor Spring, Lock, Handle and other requisite hardware (All Fittings of Ozone Make or Eqv) A - 16, 17 & 14	4	Nos					
	Carpet (CONFERENCE ROOM)							
2	Providing and fixing Polyester And Synthetic Material Carpet Tiles flooring make in command centre etc. complete in all respect including fixing of 5 mm thick poly urethane foam rolls. Rates quoted should include cost of adhesives, fixing, cutting of carpet etc complete in all respects. (Basic price of Carpeting: Rs.150/- per Sft)	800	Sft					
	Floor tiles (CABINS AND CORRIDOR)							
3	Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness including epoxy grouting of joints (LITECRETE or Eqv.), Including wastages etc complete of Tile sizes as below:							
	600 x 1200mm / 800 x 800 (Basic Price of tile: Rs.160/- per Sft without GST)	400	Sft					

NOT TO BE FILLED

