

TENDER DOCUMENTS

MULTIPURPOSE HALL INTERIOR WORKS

(AUDIO VIDEO LIGHTING AND INTERIOR FURNISHING)

MCM DAV COLLEGE FOR WOMEN

SECTOR-36 A CHANDIGARH

ARCHITECT:

CREATIVE SOLUTIONS
1919 SECTOR-26 PANCHKULA
PH 0172-4671919
AR.PARVEEN@REDIFFMAIL.COM

Finally checked & connections made. Tenders may be floated. m/h
(Page 1-40)

Civil Engineer
MCM DAV College
For Women Sector 36-A,
Chandigarh



As verified and checked by the Civil Engineer & Architect of the College. Language checked. J. K. Singh
As verified by the Architect Vibha Sharma

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10/10/23
N. Singh

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BRIEF PARTICULARS OF THE WORK

Name of work

Supply & Installation of Acoustics, Lighting, Audio and Video systems, Stage Lighting, Stage Curtains, for the Multipurpose Hall at MCM DAV College for Women Sector-36A Chandigarh.

1. The work site is situated at in MCM DAV College for Women Sector-36A Chandigarh.
2. General features and major components of work are as under:
 - Acoustic treatment supply and installation
 - Stage Furnishings systems
 - Stage Lighting systems
 - Audio, Video & Public Addressing system supply and Installation.

Note:

The above components' are mentioned to give the tenderer only an idea of the type of work involved. The Employer will have the option to exclude any of the above items at the time of purchase and or include any other item as per their requirement. All work item should be as per specification & BOQ.

3. Tenders are invited from reputed, technically & financially sound contractors for the above mentioned work.
4. The Time allowed for carrying out the total work will be four months from the date of issue of work order.
5. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity, access, facilities for workers and all other service required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract and has made himself aware of the scope and specifications of the work to be done and local conditions and other

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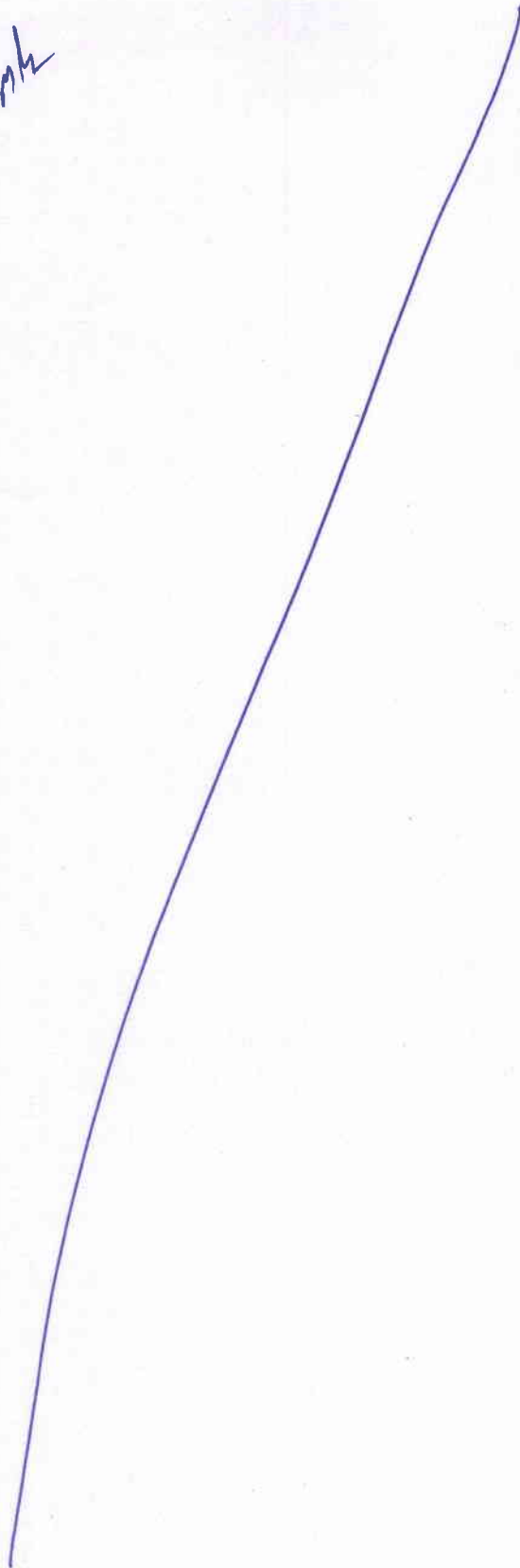
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factors having a bearing on the execution of the work.

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SPECIAL NOTES TO TENDERERS

1. While quoting rates for each item of work, the contractor shall include for the following irrespective whether it has been mentioned or not in the description of the item without any extra claim/payment.
2. All items are to be supplied and placed in position complete in all respect with necessary arrangements.
3. As soon as the work is completed in all respect, the contractor should remove all surplus materials, equipment, packaging, debris waste materials etc. And clean the areas.
4. Any sub standard materials or equipment used during installation will be rejected and has to be replaced by the Contractor at his own cost. The rejected equipment shall be removed immediately.
5. The Contractor shall engage one competent and qualified Engineer at Site, solely for this Works, who shall take the instruction from the project Engineer and supervise the work. The work should not suffer due to lack of supervision (from the site).
6. The contractor is required to coordinate his work along with other agencies working at site. He has to reimburse any of the damage made by him or any of his representatives for any of the other agency or Engineer-in-charge at site.
7. Making of any cutout/ opening for electrical wiring/fitting in any of the item of false ceiling, partition, paneling masonry work etc and providing panels of the same finish in partitions paneling shall not be paid extra.
8. Unless otherwise provided specifically in the description of various items of the work. The rates tendered by the contractor shall be for complete items of work covering all materials labour carriage, royalties, fees, rents, sales tax, octroi, wastage, tool plant equipment, transport, temporary constructions over head charges and profits as well as general liabilities obligations and risks arising out of the condition of contract and carrying the work in part(s) or under /across /along pipes cables drains etc. Complete and shall apply to all heights depths leads and lifts. No extra charges whatsoever consequent on any misunderstanding or otherwise shall be allowed.
9. Any damage caused to the existing work including finished work by the Contractor while executing the work shall be got done by the contractor at his own cost.
10. The dimensions mentioned in drawing and specification will be verified at site before fabrication of any item and can vary by 5% during approval stage.
11. The safe custody and up-keep till handling over, is the sole responsibility of the contractor.



The Contractor shall employ sufficient supervisory personnel and watchmen to ensure that the different items fabricated, supplied by him are kept in fine condition till they are handed over satisfactory.

12. All materials, articles and workmanship shall be the respective kind for the class of work described in the drawings and specifications. All materials, so used in the different items of work shall be subject to the "BEST" used in the specifications shall mean that in the opinion of the Consultant/ owner there is no superior quality of finished of material or article in the market available in the nature of the particular item described in the schedule of quantities. The consultant /owner shall have the power to make the contractor purchase and use such materials of particular make or from a particular source as may, in his opinion, be necessary for proper or reasonable compliance with specification and description of the different items of work.
13. The contractor shall keep the site of works neat clean during the execution of the work. Any debris found at or near the site of work shall be got removed immediately as and when so required by the main consultant or owner.
14. The contractor is solely responsible for acoustical and sound quality in multipurpose hall and if any change/addition/alteration is required to achieve sound quality in multipurpose hall, contractor should submit proposal and take approval before execution of work.

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Important Information

Tender Cost :	Rs. 1500/-
Earnest Money (EMD)	Rs. 150000/-
Place for purchase of Tender	Office: Principal, MCM D.A.V. College for Women Sector-36A, Chandigarh.
Place of submission of Tender	Office: Principal, MCM D.A.V. College for Women Sector-36A, Chandigarh. Ph. 0172-2603355,2624921 Principal_mcmdavcollege@yahoo.com
Place of Opening of Tender	Office: MCM D.A.V. College for Women Sector-36A, Chandigarh
Contact Person (Owner)	Principal, MCM D.A.V. College for Women Sector-36A, Chandigarh. Ph. 0172-2603355,2624921
Contact Person (Architect) For Technical queries	Ar. Parveen Kumar Creative Solutions Ph. 0172-4671919, 09878621919 Ar.parveen@rediffmail.com

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SECTION -I: NOTICE INVITING TENDERS

TENDER FOR MULTIPURPOSE HALL INTERIOR WORK AT MCM DAV COLLEGE FOR WOMEN SEC- 36A, CHANDIGARH.

Tenders are hereby invited on behalf of the PRINCIPAL, MCM DAV College for Women Sec – 36A, Chandigarh herein referred as "Employer" for the above referred work.

The contract documents consisting of Bills of Quantities, Form of Tender, Conditions of Tender, Agreement, Brief Descriptions, Conditions of Contract, tender drawing etc. The tender document can be collected from the Office of PRINCIPAL, MCM DAV College for Women Sec – 36A, Chandigarh, on cash payment non-refundable sum of Rs. 1500/- (Rupees Five Thousand only) per set with an application for Issue of the documents, during working hours every day except on Sundays and Public Holidays. Issue of Tender Documents will be stopped two days prior to the due date for opening of tenders.

The contractor shall fill the price in the bill of quantities and send all the papers with the complete form of tender, the conditions of tender, contract and specifications, all duly signed at every page, before 04.10.2021 by 3:00 pm

On the 04th day of October 2021 in sealed cover, super scribed "Multipurpose hall Interior Work at MCM DAV COLLEGE FOR WOMEN SEC- 36A, CHANDIGARH" and addressed to PRINCIPAL, MCM DAV College for Women Sec – 36A, Chandigarh.

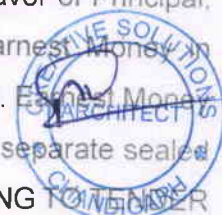
No consideration will be given to a tender received after the time above stipulated and no extension of time will be allowed for submission of the tender.

The tenders will be opened in the office of the Principal, MCM DAV College for Women sec-36A, Chandigarh at 11:30 am hours on 05.10.2021 in

The presence of tenderers who may choose to be present. Only a single authorized representative of the tenderer may be present for the purpose.

The time allowed for the completion of the work is 4 Months from the date of written order/Site hand over to commence work.

Every tender shall be accompanied by "EARNEST MONEY" of Rs 150000/- in the form of Demand Draft/Deposit at Call Receipt / Banker's cheque of any scheduled bank drawn in favor of Principal, MCM DAV College sec-36A Chandigarh & any tender not accompanied by Earnest Money in prescribed form is liable to be rejected. (EMD in any other form will not be accepted). Earnest Money Deposit should be submitted along with the covering letter, if any, in duplicate in a separate sealed cover super scribed "EARNEST MONEY DEPOSIT & COVERING LETTER RELATING TO TENDER".



FOR Multipurpose hall Interior Work AT MCM DAV COLLEGE FOR WOMEN SEC- 36A, CHANDIGARH & addressed to the Employer.

The Earnest Money will be retained in the case of the successful tenderers as part of the security for due fulfillment of the contract. In case the successful tenderer does not accept work order or does not start the work Earnest Money will be forfeited in favor of the Employer.

The tenderer will submit his tender after carefully examining the whole of the tender documents and the conditions of tender, contract, appendix to the conditions of contract, specifications and bill of quantities, etc. & after a detailed examination of site conditions likely to be met.

This notice inviting tenders, the conditions of tender & duly completed form of tender will form part of the agreement to be executed by the successful tender with the Employer.

(PRINCIPAL)
MCM DAV COLLEGE FOR
WOMEN SEC-36A,
CHANDIGARH

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SECTION -2 : INSTRUCTIONS TO TENDERERS

2.1. 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 COLLEGE desires to get carried out. The "Employer" where appearing in these documents shall mean The PRINCIPAL, MCM D.A.V. College for Women, Sector- 36A, Chandigarh.

2.2. PROCEDURE FOR SUBMISSION OF TENDERS:

The following procedure shall be adopted for submission and opening of tenders. The sealed envelope SUPERSCRIBED 'Tender for Multipurpose Hall Interior Works of MCM D.A.V. College for Women, Sector- 36A, Chandigarh. shall contain three envelopes as follows: -

ENVELOPE NO- A (Technical Bid)

- Earnest Money Deposit (EMD) (Demand Draft/Pay Order)
- Particulars of Bidder
- Signed Technical Bid document supported by prescribed Annexure, credentials, certificates, all relevant/demanded documents supporting the bidders credentials etc.

Pages of the technical bid document should be numbered. Additional sheets, if any added by the bidder, should also be numbered by him. They should be submitted as a package (Booklet) properly bound with signed

ENVELOPE NO- B (Financial Bid)

- This sealed envelope shall contain complete rate quoted financial bid of the contractor as per provided Bid document without any alteration done.

No conditional tender is acceptable.

All rates quoted should be readable without any cutting

The sealed envelopes 'A' & 'B' containing '**Technical Bid**' & '**Financial Bid**'

Should be placed in a outer larger envelope addressed to Principal, MCM

D.A.V. College for Women, Sector- 36A, Chandigarh. The outer envelope shall bear the following identification:

- a. Bid for '**Multipurpose hall Interior Work** at MCM D.A.V. College for Women, Sector- 36A, Chandigarh



- b. The outer larger sealed envelope (containing two sealed envelopes for 'Technical Bid' and 'Financial Bid') shall be submitted to Principal, MCM

D.A.V. College for Women, Sector- 36A, Chandigarh. Before due date and time

Envelope "B" shall be opened only after the pre-qualification of contractor. Date and time of opening will be informed to selected contractors.

2.3. 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 with the nature, scope and specifications of the works to be followed.

2.4. TENDERER TO SUBMIT THE ENTIRE TENDER DOCUMENT:

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.

2.5. TENDER SHALL BE WRITTEN IN ENGLISH LANGUAGE:

Every tender shall be written in English language. All information such as documents and drawings supplied by the tenderer will also be in the English language only. Drawings and designs shall be dimensioned according to the metric system of measurements. Tenders shall be forwarded under cover or a letter type written on the tenderer's letter-head and duly signed by the tenderer. Signatures must be in long hand, executed in ink by a duly authorized person of the tendering firm. No oral, telegraphic tenders or subsequent modifications thereto shall be entertained; If a tender is submitted on behalf of the firm, then all the partners shall sign or may be signed by one in whose favor all the partners have given General Power of Attorney. In case of tender submitted by a company, it shall be signed by one who has been authorized by the Board through a resolution. Copy of resolution and the authority letter in favor of the person signing must accompany the tender.

2.6. VALIDITY PERIOD OF OFFERS:

The rates quoted in the tender shall hold good for 90 days from the date of opening of the tender. The validity period shall be extendable with the mutual consent of both the parties. No tenderer can withdraw/or modify his tender or revoke the same within the said period of 90 days. 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 a period of aforesaid 90 days his earnest money deposit shall stand forfeited.

2.7. TENDERER TO SIGN ALL PAGES:

The tenderer shall stamp and sign at the bottom right hand corner of every page of the

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tender document in token of acceptance of tender conditions and for the purpose of identification

2.8. 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.

2.9. TENDERER TO SATISFY HIMSELF OF SITE CONDITIONS:

Tenderers are advised to inspect and examine the site and its surroundings 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.

2.10. EARNEST MONEY:

The tender shall be accompanied by earnest money in the form of Demand draft / Banker's Cheque, in favor of the "PRINCIPAL, MCM D.A.V. College for Women, Sector- 36A, and Chandigarh. Earnest money of the unsuccessful bidders shall be refunded after expiry of the validity period of the tenders/allotment of works whichever is earlier.

2.11. 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 contract and/or expressly prohibited therein or stipulate additional/alternative conditions shall be liable to be rejected and his earnest money will be forfeited.

Tenders shall also be liable for rejection on any of the following reason:-

- I. Tenders submitted late
- II. Tenders containing remarks uncalled for.
- III. Conditional tenders
- IV. Tenders not submitted on prescribed Performa.
- V. Telegraphic tenders.

2.12. CORRESPONDENCE:

Tenderer must mention their postal address, e-mail and telephone number of the Chief Executive/authorized agent or attorney in the tender. The tender submitted by the tenderer

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will be rejected if he or his agent cannot be contacted on the last known address, e-mail or on the intimated telephone number(s) after reasonable search in which event earnest money may be forfeited by the Employer.

2.13. REASON FOR REJECTION OF TENDER:

Employer 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.

2.14. AMENDMENT OR CANCEL TENDER DOCUMENTS:

Employer reserves the right to revise/amend or cancel 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.

2.15. REFERENCE IN TENDER DOCUMENTS:

MCM D A V. College for Women, Sector- 36A, Chandigarh. Shall be referred as "Employer" in all the documents of Tender documents/contract Agreement.

2.16. ENGINEER –IN –CHARGE

Where ever the word "Engineer – in – charge" occurs, it shall mean the authorized Engineer appointed by the Employer. for the superintendence of the execution of works.

2.17. PERFORMANCE GUARANTEE

The successful Bidder shall have to furnish performance guarantee @ 5% of project amount valid till the expiry of defect liability period of work. No payment shall be made till the performance guaranty is not finished. Earnest money will be adjusted in performance guarantee.

2.18. THE QUOTED RATES

The quoted rates in the Bid documents will be inclusive of all taxes and all liabilities to complete said job.

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GENERAL INFORMATION

1.	Accepting Authority	PRINCIPAL, MCM D.A.V. College for Women, Sector- 36A, Chandigarh.
2.	Architects	Creative Solutions #1919, Sector-26 Panchkula 134116 Haryana
3.	Reference Book	(i) CSR Punjab (Latest as on date of tender) (ii) I.S. specifications (latest edition) (iii) Material of approved makes on exhibited in the bid document to be used in works.
4.	Earnest money	Rs. 150000/- only to be furnished with the tender in the form of Demand draft. pledged in favour of the Principal, MCM D.A.V. College for Women, Sector- 36A, Chandigarh. After work allotment earnest money will get merged into security deposit.
5.	Security deposit	5% on the gross amount of all the bills (No interest is payable on security deposit).
6.	Authority competent to grant extension of time.	PRINCIPAL, MCM D.A.V. College for Women, Sector- 36A, Chandigarh.. or authorized person by PRINCIPAL, MCM D.A.V. College for Women, Sector- 36A, Chandigarh.
7.	Tools & plants	To be arranged by contractor
8.	Schedule of Minimum wages	As per notification issued by Chandigarh Administration from time to time.
9.	Authority competent to reduce the compensation amount	PRINCIPAL, MCM D.A.V. College for Women, Sector- 36A, Chandigarh.
10.	Defect Liability Period	Twelve months from the date of acceptance of completion by the Employer.
11.	Release of Earnest money And Security Deposit	50% shall be released after 6 month of the date of the handing over of building and balance 50% shall be released after defect liability period of Twelve months This period can be further extended for 6 months by owner if not satisfied with the removal of defects by the contractors
12.	Periodicity of submission of interim Bills	Once in a month, subject to minimum amount Rs. 1000000/-

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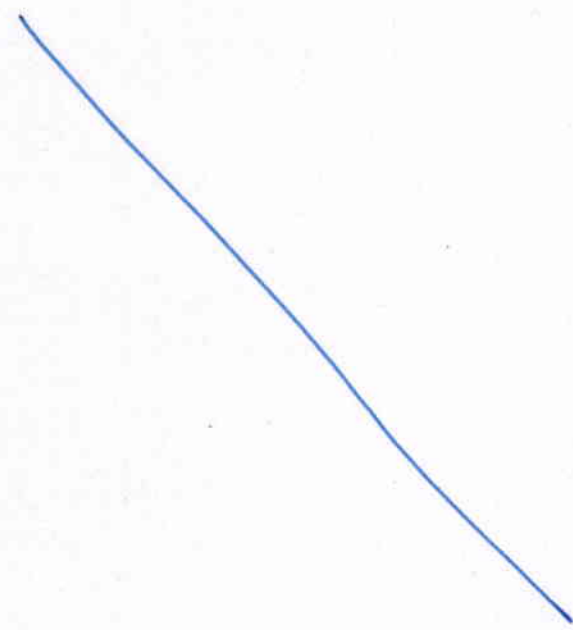
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13.	Authority Competent to Appoint Arbitrator	PRINCIPAL, MCM D.A.V. College for Women, Sector- 36A, Chandigarh.
14.	Possession of site	Immediately on award of contract
15.	Date of Commencement	Within 7 days of award of work.
16.	Mobilization Advance	10% on award of contract against bank Guarantee for equivalent amount
17.	Penalty damages / Liquidated	0.5 % of contract value per week of delay, up to a maximum of 10% of contract value
18.	Maximum period for payment	Within 21 working days from (only for interim bills) date the certificate off payment is issued by the Architect/ client.
19.	Performance Guarantee	To remain valid till the expiry of defect liability period of work
20.	Period of submitting Final bills	Within 30 days of virtual completion of work.

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AGREEMENT

This Agreement made on this _____ day of _____ between the representative of MCM DAV College Managing Committee, New Delhi (hereinafter referred to as the 'Employer' which expression shall mean and include its successor in office, executor, administrator and assignee) of the one part and _____ (hereinafter referred to as the 'Contractor' which expression shall include his heirs, executors, administrators and assignees) of the other part.

Whereas the Employer is desirous of getting the Interior Works of Multipurpose Hall work of Office & Multipurpose hall building at **MCM D.A.V. College for Women, Sector-36- A, Chandigarh** and has caused drawings & specifications describing the work to be done, to be prepared by the Employer and whereas the said drawings issued by the employer from time to time, and 'Notice Inviting Tender', 'Instructions to Tenderers', 'General & Special Conditions of Contract', 'Technical Specification' and 'Schedule of Quantities' have been signed by or agreed to execute upon and subject to the conditions of the work shown upon the said drawings and/or described in the said specifications and included in the said schedule of quantities amounting to the estimated cost of Rs (Hereinafter referred to as 'the said contract amount'). And whereas the contractor has deposited with the Employer the sum of Rs 1.50 lacs as the 'Earnest Money' which shall become part of 'security Deposit' to be retained until the expiry of the defects liability period for the due observance and performance of this contract.

NOW IT IS HEREBY AGREED AS FOLLOWS:-

1. In consideration of the said contract amount to be paid at the time and in the manner set forth in the said conditions, the contractor shall, subject to the said conditions, execute and complete the work shown upon the said drawings and described in the said specification and/or schedule of quantities and other conditions within 4 months of the date of commencement of the work, the latest by _____ day of _____ (month), _____ (year)
2. The date of commencement of work will be taken as the date of issue of the letter of intent/order for award of the contract.
3. The contractor clearly understands that the time is the essence of the contract and penalty will be imposed for delay in execution of the work as per the terms of the agreement/contract.

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4. The employer shall pay to the contractor the said amount or such sum as shall become payable at the times as hereinafter specified in the conditions.
5. The following documents shall be deemed to form and be read and construed as part of the agreement along with the amendments, negotiated and confirmed in various subsequent letters exchanged as mentioned hereinafter.
 - i. Notice Inviting Tender
 - ii. Instructions to Tenderers/Bidder
 - iii. General & Special conditions of the contract
 - iv. Technical Specifications
 - v. Schedule of quantities
 - vi. Letter No. _____ Dated _____ to the contractor for awarding the contract.
 - vii. Contractor's letter No. _____ Dated _____ to the College Administration from the contractor in acceptance of the Award of Contract.

Parties hereto all shall respectively abide by submitting themselves to the conditions and perform the agreement on their part respectively in such conditions contained.

As witness our hands this _____ day of _____

Principal (First Party)

Contractor (Second Party)

For

MCM D.A.V. College for Women, Sector- 36, Chandigarh.

In the presence of

in the presence of

Witness

Witness

Address: _____

Address: _____

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INSTRUCTIONS TO CONTRACTORS AND LIST OF DOCUMENTS (TO BE FURNISHED FOR PRE-QUALIFICATION)

Application super scribed "Multipurpose hall Interior Work at MCM DAV College for Women, Sector- 36-A Chandigarh" Should reach the OFFICE, MCM DAV College for Women Sector 36 Chandigarh not later than hrs on Shall not accept any loss delay in transit as an excuse for delay/late application.

1. Eligibility Criteria

Tenders are invited from well-experienced, established and resourceful Agencies/ Companies/ Firms /Individual/

Sole Proprietor/Limited/Private Limited/ Partnership/Limited Liability Partnership (LLP) having experience in the field

The contractor should have experience at least 10 years in Building Interior works. Supporting documents with details of work order & completion certificate from Client.

The contractor should have successfully completed at least 2 works of institutional Multipurpose hall/ auditorium during last 5 years ending last day of the month previous to the one in which tenders are invited (e.g. for the date 22nd June, the last day of month would be 31st May) as per the following:-

- a. One similar completed work as per Eligibility Criteria costing not less than the amount equal to Rs. 100.00 Lakh.

OR

- b. Two similar completed works as per Eligibility Criteria costing not less than the amount equal to Rs. 60 Lakh each.

2. Following documents shall be part of eligibility criteria

Details of establishment:

- i. Name of Firm:
- ii. Year of establishment:
- iii. Registered office, head office & branch office(s)
- iv. Telephone no.
- v. Status of company: proprietary/partnership /private ltd/limited/ any other
- vi. Name & address of



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- vii. Proprietor/ partners/ directors etc.
- viii. Name of Contact person.
- ix. State (Chandigarh) GST no. (Attach copy) :
- x. PAN no. (Attach copy) :
- xi. EPF code no. (Attach copy):
- xii. ESI code no. (Attach copy): :
- xiii. Valid A-class Electrical License (Attach copy) :
- xiv. Enlistment letter (Minimum Rs. 2 crore): (MES/CPWD/PWD/Other govt. dept.)

A certificate from the Statutory Auditor/ Chartered Accountant, indicating turnover of the company as per Annexure for the last three accounting years. Bidder is to submit annual audited accounts along with auditor reports for

Bidder is required to submit the valid Bank Solvency of value not less than of Rs. 1.00 Crore and not older than six months from the date of issue of this NIT. Invalid Bank Solvency/ Bank Solvency without date would not be accepted.

All supported documents submitted with the tender shall be stamped and signed either by the Managing Director/Head of the entity or by an authorized representative holding proper authorization from the Head of the Entity.

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Annexure-1

Format for Annual Turnover for the last 3 years as per the Audited Accounts (attach Audited Balance sheet)

S. No.	Financial Year/Accounting Year	Total Turnover Indian Rupees(INR)	Turnover from Similar works as per eligibility criteria Indian Rupees(INR)
1	Financial year 2018-19		
2	Financial year 2019-20		
3	Financial year 2020-21		

Note:

- If average annual turnover during last three years is less than Rs. 2.0 Crore, the bidder will not be eligible.
- Should not have incurred any loss in any financial year during the last three years ending on 31st March, 2021.

This is to certify that the above information has been examined by us on the basis of relevant documents; books of accounts & other relevant information and the information submitted above is as per record and as per details annexed.

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(Signature of Authorised Signatory of bidder)

V. K. Singh

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A. K. Singh

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P. Singh



Architects | Interior Designers

Annexure-3

List of all works in hand irrespective of monetary limit with following details:

Name of work with detailed scope of work	Name and address of client with telephone no and contact person	Date of allotment & value of work	Date of start of work	Stipulated date of completion	Present status of work

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(Signature of Authorised Signatory of bidder)

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N. S. S.

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Annexure-4

Arbitrations/Court cases, if any during last five years.

Name of work with detailed scope of work	Name and address of client with telephone no of contact person	Date of allotment & value of work	Present status of work

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(Signature of Authorised Signatory of bidder)

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Annexure-5

Key personnel/ Engineers/ supervisor permanently in your organization:


Sr. no	Name	Qualification	Experience	Particular of work done	Employed in your firm since	Any other

Attach copy of qualifications and bio-data of key Staff



(Signature of Authorised Signatory of bidder)




Annexure-6

Furnish the names of three responsible clients/ persons to whom the major works carried out by the applicant with address and telephone number who will be in a position to certify about the quality as well as past performance of your organization:

Name of the official	Organization & Address	Contact number
		Office: Mobile:
		Office: Mobile:
		Office: Mobile:

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(Signature of Authorised Signatory of bidder)

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Abhinav

Neha

PSR



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Annexure-7

1. APPLICANTS ARE ADVISED THAT:

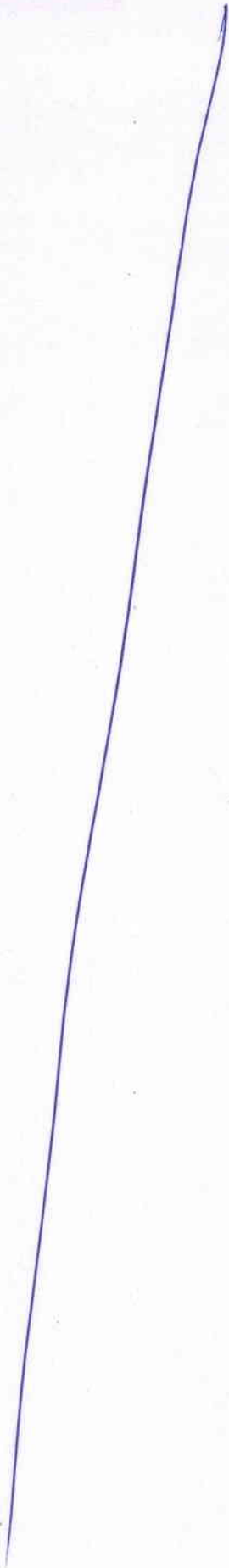
- (a) All details required above are to be submitted. An application with incomplete information is liable to be rejected.
- (b) Submission of the above information and /or meeting of the minimum criteria shall not automatically qualify the applicants for issues of tender.
- (c) Short listing of contractors is only for issues of tender and it shall be clearly understood that short-listed contractors do not automatically qualify for award of contract.
- (d) Administration does not bind itself to accept any offer of short-listing of contractor(s) and reserve to itself the right to accept or reject any or all the offers of short listing of contractor(s) either whole or in part without assigning any reasons for doing so.

2. DECLARATION:

- (a) All the information furnished by me / us here above is correct to the best of my knowledge and belief.
- (b) I / we have no objection if enquiries are made about the work listed by me / us in the accompanying sheets / annexure.
- (c) I / We agree that the decision of The Employer in selection of contractors will be final and binding to me / us.
- (d) I / We have read all the instructions and I / we understand that if any false information is detected at a later date the tender can be canceled and earnest money will be forfeited.

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(Signature of Authorised Signatory of bidder)



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Annexure 8

CHECK LIST

Bidder must ensure through this check list that all requisite documents for pre- qualification cum technical documents are enclosed while submitting the tender documents.

1	Structure/Brief Profile of the firm.	
2	Experience with documentary support	
3	Relevant Documents for ascertaining the existence of entity like certificate of Year of establishment of firm	
4	Earnest Money:	
5	Valid Bank Solvency of value not less than Rs 1 Crore	
6	Copy of PAN No.	
7	Copy of GST Registration	
8	Copy of PF registration	
9	Copy of ESI registration	
10	Valid A-class Electrical License (Attach copy)	
11	Authorization letter to sign the tender	
12	Completion certificates of work done	
13	Audited balance sheet of last three years	
14	Bio data of key staff Admin/Engineers/Site Supervisors	
15	Signing of all pages of tender document and attached proofs/documents	
16	No. of certificates enclosed	
17	No. of additional annexure	

(Signature of Authorised Signatory of bidder)

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Vijay

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Abha Singh

Prashant



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Bills of Quantity (BOQ)**A. STAGE FURNISHINGS**

Item No	Description of Items	Qty	Unit	Rate	Amount
1	Providing & fixing of 2 No. staggered layers 12mm marine ply of approved make like century, Duro, Green or equivalent. fixed to Sal wood frame work at 600 mm centre to centre both ways. The framework to be supported on 150x150x5mm neoprene pads & held in position by 35x35x5 mm angle cleats of 150mm length at 1800 mm centres. The framework to be filled with 25mm thick thermal bonded polyester wadding mikron fiber of 800 gm/sqm mikron fiber. The wadding shall be of Make Mikasha International, VIBRANT, Dupont or equivalent. The cleats to be given two or more coats of red oxide primer.	100.00	sqm		
2	Providing and applying at all heights two coats of fire retardant paint on cleaned wood/ply surface @ 3.5 sqm per litre per coat including preparation of base surface as per recommendations of manufacturer to make the surface fire retardant.	100.00	sqm		
3	Providing and fixing at all heights fire retardant crape black fabric (not less than 290 gms/sqm) (Make: Comrade, RSWM, banswara syntax or equivalent) stitched in 1:2 gathers complete with accessories like cotton dori, eyelets and suspension 25mm dia B class GI pipe. The wing to be mounted with central pivot mechanism for 180 degree rotational movement as per direction of Engineer-in-charge.	20.00	sqm		
4	CYCLORAMA Providing and fixing of the cyclorama for the stage by fixing 35x35x5mm MS angle on the wall with MS angle hold fasts secured to the walls & 40mm dia 14G MS pipe welded to it as per the drawings. Further 40mm dia pipe welded to it at 600 centres vertically at an angle of 45 degree & finally welding 40 mm dia pipe horizontally to it. The pipe to be supported away with at 200mm centers by MS pipe. Further providing and fixing 12mm dia MS hooks welded to the both (top & bottom). Supported by MS angle hold fasts of 35x35x5mm on the wall at 1200mm centers. Finally fixing PVC perforated screen, cycle cloth as per approved sample & fixing by cotton dori 10mm thick complete as per direction of Engineer-in-charge. Size 18.00m x 7.00m	50.00	sqm		
5	Front Curtain:- This is a completely automatic system, made from carbon steel track rail, brackets fitted with rollers of brass and nylon material fitted with sealed bearings self lubricating. The rollers are assembled to one set of two for sliding horizontally. All rollers are sliding with roller clamp with 3mm dia steel wire rope, the winch machine is fitted with variable speed controlled 1 HP motor complete with control electronic panel with accessories i.e AC drive, Relays, Micro switches, Push buttons and indicating lamps. The curtain cloth is of Velvet cloth	1.00	no		



	drapped to half of full width operated from control panel with control switches. Provision is for manual operation also.				
6	Middle Curtain:- As above motorized with Velvet Cloth	1.00	no.		
7	Rear Curtain:- As above motorized with Velvet Cloth	1.00	no.		
8	Lighting Bar:- FOH 40 NB dia pipe of full length trussing with adequate clamps, this lighting bar painted in side, out with zinc chromate primer finally coated with black quick drying enamel paint.	70.00	m		
9	Frills:- Made from dark shade cloth to be installed above the stage with 1 inch dia pipe adjustable at position according to the stage director's instructions.	2.00	no.		
10	Cable Trays:- cable trays of size 4"x2"- 16 gauge sheet CRC, for wiring of stage lights & sound system and enrooted to control room.	100.00	m		
11	Winch Suspension System:- Motorized bars winch operated suspension sets 250 kg capacity, 4 lines block winch unit with handle and ratchet, clew plate and steel wire rope, winch lifting etc., for lighting bars, scenery sets and front maskin frill.	1.00	job		
12	Providing and fixing Pergo make AC 5 laminated wooden flooring of approved shade complete in all respect as per manifacturar guideline	120.00	sqm		
13	Providing and fixing first class steam beech wood lipping/moulded beading or crown shape beading of size 70x50mm fixed with wooden adhesive of approved quality and screws/nail on external edges of stage as per direction of Engineer-in-charge.	20.00	m		
14	Providing & fixing of pelmet with 5mm mirror glued over 12mm comply fixed to walls with nylon sleeves framing out of aluminum tube of size 18x35mm & in the green room.	30.00	m		
15	Providing the podium of 600 x 450 x 1100mm podium top out of 19mm block board complete with 1mm lamination on top & bottom. The table to have moldings & margin of teak at edges as per design drawings which are to be duly polished in required shade. The inner side of furniture to be given spirit polish in black colour after making base complete. Including of hardware and accessories as required.	1.00	each		
16	Providing and fixing of 20mm thick 1200x595mm wood wool acoustic tile of 400 kg /cum density wood wool tiles over the existing suspension grid at stage. The tile to be painted black in colour. Complete in all respect.(used for stage ceiling & wall treatment)	300.00	sqm		
17	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
	Sal Wood	2.00	cum		

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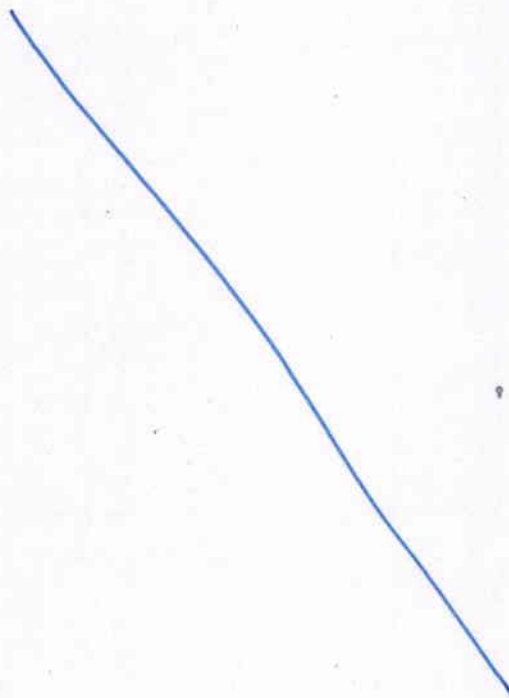
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Chandigarh



18	Providing & fixing of pelmet with 5mm mirror glued over 12mm comply fixed to walls with nylon sleeves framing out of aluminium tube of size 18x35mm & in the green room.	10.00	sqm		
19	Providing and making wooden counter size 10'-0" x 2'-0" x 2'-6" ht made out 19mm thick commercial board (ISI MARKED) with provision of shutter & drawers to the entire satisfactions of Engineer - in - charge.	12.00	sqm		
20	Fabrication on Stage :- For holding entire fixtures, lights, wings, light bar and other accessories, made fr om 40x40x6mm angle with supports etc. with flat & angle iron.	1000.00	kg		
21	Fabrication of catwalk :- A bridge fabricated from structural steel of 2.5" width and length according to the Auditorium for holding stage lights in front of stage, lighting bar is fixed on the cat walk to hold the stage light and give focus on centre of stage, made from angle iron ,channels & flat iron & fixed on top with wooden plank or Plywood.	1000.00	kg		
22	Providing & fixing aluminium nozing with the provision of lights & a resistant neoprine rubber fixed with steel screw on steps as aproved sample to the entire satisfactions of Engineer - in - charge.	20.00	m		
TOTAL					

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Bills of Quantity (BOQ)

B. ACOUSTICS & INTERIOR WORK

Item No	Description of Items	Qty	Unit	Rate	Amount
	Wall Treatment				
1	Providing and fixing upto all height GI Gyp Steel ultra frame work for wall panelling as per design drawing consisting of floor channel of size 50x32x32x0.50mm thick at bottom and top fixed with 35 mm nylon sleeves and 35 mm screw. Further fixing GI stud ultra 48x34x36x0.5 mm thick @ 600mm centre to centre vertically. The framework to be filled with 50mm 1000GSM non-woven thermal bonded polyester wadding (Make Dupont, Mikasha, Vibrant or equivalent) held in position with 18 mm GI chicken mesh of 24 SWG with drywall screws and oversize washers. Finally fixing over it horizontally 80x26x51x0.5 mm thick G.I Gyp ceiling section placed @ 600mm C/C or wherever required as per design drawings with drywall philips screws and angle cleats 27x37x25x1.6 mm as required. The frame to be fixed to the walls by means of angle holdfasts or cleats of required size complete with expandable anchor fasteners of 65x10mm dia fixed on each vertical member @ 1000mm centre to centre or as required by Engineer-in-Charge.	390.00	sqm		
2	Providing and fixing with all necessary hardware etc of fully Perforated Gypsum Plaster Board of size 1200 x 2400x12.5 mm having approx. 15 % perforated area with perforation size and pattern hexagonal shape as per drawing or as approved by the Engineer-in-charge and as per manufacturer's specification, with all 4 side tapered and backed by acoustical tissue with NRC value not less than 0.60. (Note: Sixto Board)	160.00	sqm		
3	Providing and fixing commercial ply at all heights of required thickness for plain lining/ cladding with necessary screw, priming coat on un-exposed surface complete as per drawing and direction of Engineer-in-Charge. Make: Duro, Century, Merino, Greenply or equivalent. 12mm thick having 22% perforation random to achieved required NRC.	240.00	sqm		
4	Providing and fixing commercial ply at all heights of required thickness for plain lining/ cladding with necessary screw, priming coat on un-exposed surface complete as per drawing and direction of Engineer-in-Charge. Make: Duro, Century, Merino, Greenply or equivalent. 19mm thick having 22% perforation random to achieved required NRC.	240.00	sqm		



5	Providing and fixing of Inherently fire retardant fabric design matte (Make: RSWM, Banswara Syntex, Comrade or equivalent) having weight not less than 350 gms/ sqm glued over 25mm thick FR melamine foam of (BASF/ Supreme) to be fixed over 12mm thick perforated commercial ply which shall be paid separately. The fabric to be stretched in 12x38mm UPVC gripper fixed @1200 mm centre to centre & at top & bottom all complete as per drawings and as per direction of Engineer-in-charge. Specification and execution of item at all heights and as per direction of Engineer-in-charge.	30.00	sqm		
6	Providing and fixing 8mm commercial ply of required thickness for plain lining/ cladding with necessary screw, priming coat on un-exposed surface complete as per drawing and direction of Engineer-in-Charge. Make: Duro, Century, Merino, Greenply or equivalent.	50.00	sqm		
7	Providing & Fixing decorative high pressure laminated sheet 1.0 mm thick of plain/ wood grain in gloss/ matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S. including cost of adhesive of approved quality and make				
7.1	1.0 mm thick.	250.00	sqm		
8	Providing & fixing of 12mm thick 16-21% open area MDF jali as per the pattern in design drawings. The Jali is to be Duco painted in the shade as desired by the engineer-in-charge. The MDF jali is to be backed with Viola fabric fixed as per drawing over a framework (to be paid for separately). The rates includes for all geometry of walls, openings etc. and for complete item including all the required approved material, labour and fixing as per drawings, specification and execution of item at all heights and as per direction of Engineer-in-charge.	50.00	sqm		
9	Providing and fixing 2nd class teak wood plain lining tongued and grooved, including wooden plugs complete with necessary screws and priming coat on unexposed surface.				
9.1	25 mm thick.	25.00	sqm		
10	Providing and fixing of the 40x25 mm teakwood slats with Front flange as 45mm and rear flange as 25mm screwed to the existing framework and backed with Viola cloth. The slats to be fixed vertically at an air gap of 15mm and to be duly melamine polished. (Note: Melamine polish paid separately)	41.00	sqm		
11	Providing & Applying melamine polish of walnut stain on new wood work as per direction of Engineer-in-Charge with the below mentioned operation: 1. Preparing surface to receive melamine finish	66.00	sqm		

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	with emery paper no.120 and 180. 2. Applying two or more coats of melamine resultant (jubilant or granary or equal vent with spray and making surface smooth with emery cloth 320 including applying wood filler 3. Final coat of mealmine with spray gun.				
12	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete:				
12.1	2nd class teak wood				
12.1.1	50 x 20 m	20.00	M		
13	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
13.1	Two or more coats on new work	200.00	sqm		
14	Supply & fixing of 70mm thick having 38 dB acoustic door having infill of 47mm thick resin bonded glasswool of 24kg/ M3 density coated with FR Acrylic Sealant Sandwiched between two 9 mm thick starpan calcium sillicate boards a 100% without asbestos, Brucite and Meerschaum having a density not more than 1150kg/ M3 and thermal conductivity 0.14 W/M*K faced with 6mm thick commercial ply with heat activated intumescent fire seal strip of size 10mm x 4mm mounted in the grooves having hardwood lipping of size 15mm x 70mm and 1mm thick laminate facing on both sides in desired shade and colour as per Engineer-in-charge. Make: Global/ Navair/ Noisecon or equivalent.	15.00	sqm		
15	Providing and fixing panic bar/ latch (Double point) fitted with a single body, Trim Latch & Lock on back side of the Panic Latch of reputed brand and manufacture to be approved by the Engineer- in-charge, all complete.	6.00	each		
16	Providing and fixing IS: 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete:				
16.1	125x64x2.50 mm	64.00	each		
TOTAL					

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V. Sharma

A. Sharma

S. Singh

B. Singh



Bills of Quantity (BOQ)

C. STAGE LIGHTING AND EQUIPMENTS

Item No	Description of Items	Qty	Unit	Rate	Amount
1	S.I.T.C of LED PROFILE LIGHT Voltage: AC100-240V,50-60Hz Power: 260W Light source: 200W LED Color: white (3200k/ 6500k) Beam Angle: 19/26/36/50 degree with high efficiency optical system Control mode:DMX512,Sound,Auto,Master-slave DMX Channel: 3CH , Operating temperature: -20° to 40° Size: 64 5*28*22cm N.W:8.5KGS Make : ACDC, MAAK , Martin Lighting	8	Nos.		
2	S.I.T.C of 200 W LED Fresnel with Zoom Voltage: AC100-240V 50-60Hz Lamp: 200W COB Power Consumption: 250W , Zoom Angle: 6~50°electric zoom Projection Distance: 5-50m Control Mode: DMX512, Make : ACDC, MAAK , Martin Lighting,	16	Nos.		
3	S I T C of 18x10w 4in1 led zoom par Voltage: AC 90-240V, 50/60Hz Power Consumption: 300W Light source: 18*10w RGBW Zoom DMX Channel: 9 Channel Size:25*25*38cm , Make : ACDC, MAAK , Martin Lighting,	12	Nos.		
4	S . I T C of cyclorama light Indoor with 18pcs 10w RGBW 4in1 LED wall washer light, Voltage: AC 90-240V, 50/60Hz Power Consumption:250W Light source: 18*10w RGBW 4in1 DMX Channel: 7 Channel Size:100*8*10cm , Make : ACDC, MAAK , Martin Lighting,	8	Nos.		
5	SITC of LED PAR 54pcs 3W Warm White LED par Light Voltage: AC 90V-240V Frequency: 50Hz-60Hz Source: 54pcs 3W LED(White/ Warm White), Color Temperature: 3200K-6500K, Total power:200W , Source life: 50000-100000 hours, Lens angle: 60 ° Type: DMX512, Self-propelled, master-slave Channel: 2 DMX channels. Make : ACDC, MAAK , Martin Lighting,	12	Nos.		
6	S.I.T.C of pipe ladders to be provided on sides of the stage to be fixed on the existing G.I. pipe or top grid. Made out 50mm x 25 mm M.S. pipe of 16 SWG. – Make: Customized.				
	Size 600 x 2400 mm	6	Nos.		
7	S.I.T.C of Control Panel, DMX512/1990 standard, maximum 1024 DMX channels, optically isolated output Maximum control 96 computers or 96-way dimmer lights, pearl lights using the library Built-in graphics trajectory generator, there are 135 built-in graphics, user-friendly computer graphics light trajectory control, such as a circle spiral, rainbow, chase and other effects. Graphic parameters amplitude, speed, spacing, wave direction can be set independently 60 repeat scenes, scenes for storing multi-step and single-step scenario. Multi-step scenario can store up to 600 steps Backlit LCD display, English display Shutdown data retention U-disk backup and upgrade Professional gooseneck lights, suitable for	1	No.		



	indoor and outdoor performances Optional Power Supply: AC90-240V 50/60Hz switching power supply Size: 485*420*105mm Make : ACDC, MAAK , Martin Lighting,				
8	S.I.T.C. of Wiring.				
	Light Point Wiring from Patch Panel to be provided near stage to various stage light fixtures with copper wire 2.5 Sq mm 3 Core PVC Insulated and PVC Sheathed Cable including Cable Tray of suitable size for laying these wires on the tray including 20 amps metallic clad sockets with box at top.	80	Nos.		
9	DMX Point Wiring complete in all respect	6	Nos.		
10	S.I.T.C. of 6 DMX Splitter with optically isolated input and output Make : Make : ACDC, MAAK , Martin Lighting,	1	No.		
11	S.I.T.C. of 50mm dia B class GI pipe to be hung from existing grid or roof structure for side wings, lighting bars. (Approx.) The G I. pipe should be of ISI marked of Make Jindal/Hindustan only. (Wt. + 5.26Kg P.mtr)	50	/Mtr		
Total					

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V. Sharma

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K. Sharma

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Bills of Quantity (BOQ)

D. PA SYSTEM SPEAKERS AND AMPLIFIERS

Item No	Description of Items	Qty	Unit	Rate	Amount
1	Supply, Installation, Testing & Commissioning of Front of House L&R Line Array Speaker Active 3-Way Line Array Module Drivers LF 1x 8" neodymium woofer - 2.5" v.c. MF 1x 6.5" neodymium midrange - 2" v.c. HF 2x 1" neodymium CD - 1.4" v., 700W, Dispersion pattern (HxV) 100° x 15°, Max SPL 132 dB MAKE : DB TECHNOLOGIES, L-ACOUSTICS, d&b	6	no.		
2	Supply, Installation of Truss head for flying upto 8 speakers each side MAKE : DB TECHNOLOGIES, L-ACOUSTICS, d&b	2	no.		
3	Active Bandpass Subwoofer Drivers 1 x 18" woofer - 4" voice coil, 1500W, Max SPL 138 Db, Directivity Omnidirectional, Cardioid Option with DSP setup MAKE : DB TECHNOLOGIES, L-ACOUSTICS, d&b	2	no.		
4	STAGE MONITOR 2-Way Active Coaxial Stage Monitor, Peak Power 1200WATT, Max SPL 128db, Frequency Response [- 10dB] 52 - 19,000 Hz MAKE : DB TECHNOLOGIES, L-ACOUSTICS, d&b	3	no.		
5	DriveRack 360 Loudspeaker Management System, 3 inputs, 6 outputs, Feedback Elimination, 2.7 Seconds of Alignment and Zone Delay, classic dbx Compression and Limiting, Graphic and Parametric EQ Auto-EQ Function, Full Bandpass, Crossover, and Routing Configurations, Auto Gain Control MAKE DBX, YAMAHA, BOSE	1	no.		
6	Wired Dynamic vocal microphone, can withstand massive pressure levels up to 160 dB, internal dual shock mount MAKE AKG SENHEISER SHURE	4	no.		
7	Gooseneck Mic : heavy duty professional tabletop microphone set with excellent shock absorbing properties. CGN521 condenser gooseneck microphone with a cardioid polar pattern on a slim, 50 cm long gooseneck. specially designed for inexperienced speakers who talk into the microphone from widely varying angles. gold plated 3-pin XLR audio input. AKG SHURE SCHIDER	2	no.		
8	AR-133 ACTIVE DI BOX / LINE BALANCER	2	no.		
9	Perception Wireless high performance Vocal Set HT45 handheld transmitter features a dynamic microphone with cardioid polar pattern, ensuring voices to cut through any mix. The SR45 receiver provides professional XLR and 1/4" jack outputs. AKG SHURE SCHIDER	2	no.		

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10	Wireless Presenter mic PT45 is an analog high-performance wireless body-pack transmitter in a small, rugged housing. A professional mini XLR audio connector makes the body-pack compatible with all kinds of guitars, basses, instrumental pickups and headsets. AKG SHURE SCHIDER	2	no.		
11	Speaker cable 2 CORE 4 MM copper cable KRYSTAL, EAGLE,	100	m		
12	Mic cable 2 CORE PVC SHEATHED PVC INSULATED	400	m		
13	32 Channel Digital Snake Cable with 32 connector junction box and 32 connectors upto 75 meter	1	job		
14	Juriction pop up box for stage	6	no.		
15	32 U Equipment rack with Fans and power	1	no.		
16	Connector XLR, ONE LOT	1	no.		
17	Programming, Installation & Commissioning Charges	1	job		
18	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. The PVC conduit should be of Diplast/Canon/Polyplast 40MM	225	m		
Total					

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Bills of Quantity (BOQ)

E. AUDIO VISUAL SYSTEM (DESIGNING, INSTALLATION AND PROGRAMMING)

Item No	Description of Items	Qty	Unit	Rate	Amount
1	HDMI Matrix 4 * 4 SWITCHES BETWEEN 4 HDMI INPUTS ROUTES 1 HDMI SIGNAL TO 4 HDMI DISPLAYS CARRIES THE VIDEO AND AUDIO OF A SIGNAL SUPPORTS RESOLUTIONS UP TO 1080 P HD SUPPORTS MULTICHANNEL AUDIO REMOTE / RS232 / PANEL BUTTON CONTROLS	1	NO		
2	HDBaseTTM Ultra Slim Extender Kit HDR, 4K@60Hz 4:4:4, up to 40M Bandwidth up to 18Gbps, resolution up to 4k @60hz YUV 4:4:4 Ø Transmit up to 70m under 1080p, 40m under 4k Ø Support HDR10, 3D Ø With 1x looping HDMI out at Transmitter and 2 x HDMI out at Receiver Ø Bi-directional wide band IR and RS232 Pass through Ø Dual POC (Receiver powered by transmitter or transmitter powered by Receiver)	1	NO		
3	HDMI EXTENDER HDMI 1.3, HDCP 1.2 COMPLIANT COMPRESSED 1:N BROADCASTING AV EXTENSION OVER LAN VIDEO RESOLUTIONS UP TO 1080P@60HZ, EXTEND HDMI SIGNAL UP TO 120M (393FT) AT 1080P OVER A SINGLE CAT5E/6 CABLE SOLUTION FOR MULTIMEDIA DISPLAY AND AV IR INFRARED CONTROL (38KHZ).	2	NO		
4	HDMI 2.0 HDR 1 * 4 SPLITTER WITH EDI 1. VideoBandwidth 600MHz/18Gbps 2. InputPorts 1xHDMI(Femaletype) 3. OutputPorts 4xHDMI(Femaletype), 4. OutputResolution 480i~1080p50/60, 4Kx2K@24/30, 4k2k@60Hz 5. ESDProtection HumanBodymodel:±8kV(air-gapdischarge) ±4kV(contactdischarge) 6. PowerSupply 5V/1ADC(US/EUstandards, CE/FCC/ULcertified) 7. ChassisMaterial Aluminum 8. OperatingTemperature 0°C~40°C/32°F~104°F 9. StorageTemperature -20°C~60°C/-4°F~140°F 10. RelativeHumidity 20~90%RH(non-condensing) 11. PowerConsumption(Max) 5W	1	NO		
5	POP UP BOX HYDRAULIC WITH USB CHARGING POWER * 1 UNIVERSAL POWER SOCKET * 1 HDMI SOCKET * 1 VGA SOCKET * 2 USB POWER CHARGING SOCKET [MOBILE /	1	NO		



	TAB] * 1 STEREO SOCKET * 2 LAN SOCKET				
6	HDMI 2.0v OPTICAL FIBER CABLE 70 METER * SUPPORT 4K @ 60Hz ULTRA HD SUPPORT * 18 GBPS BANDWIDTH * EASY TO WIRE THIN THREAD BODY * NO RADIATION,ANTI-INTERFERENCE * PLUG AND PLAY NO EXTERNAL POWER SUPPLY IS REQUIRED	1	NO		
7	HDMI CABLE , VGA CABLE, CONNECTORS , RCA , ETC	1	SET		
Total					

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