

Date: 25.08.2022

**TENDER NOTICE: 014/NCCF/Delhi Branch/2022**

**Subject: Appointment of Agency for Renovation and Renewing of DR. M.A. Ansari Auditorium of schedule Auditorium Acoustics, Auditorium stage Furnishing, Auditorium Chairs, stage Effect Lights, Auditorium Illumination, Audio System, Projection system at JMIU New Delhi on EPC mode.**

National Cooperative Consumers' Federation of India Ltd (NCCF) Delhi Branch, invites bids for appointment of Agency for Renovation and Renewing of DR. M.A. Ansari Auditorium of schedule Auditorium Acoustics, Auditorium stage Furnishing, Auditorium Chairs, stage Effect Lights, Auditorium Illumination, Audio System, Projection system at JMIU New Delhi on EPC mode in 2 bid system.

(Non-Empanelled Bidders may participate in bidding process but they will have to get themselves empanelled with NCCF branch by applying within one week of submission of Bids, along with all necessary documents for empanelment). However, preference for work will be given to Empanelled Business Associates.

**1. Scope of Work include**

- Auditorium Chairs
- Acoustic Work
- Electrical Audio/Video work
- Sound System
- Chairs & Illumination system
- Civil, Electrical work

The Firm shall be responsible for approval of the drawings, day to day supervision, quality checks, measurement and verification by NCCF for submission of bill, concerning the project including submission of application, document seeking and obtaining approval if required and preparation of complete report.

**2. Completion Time of the Project:** 60 Days from the date of award.

All the interested Bidders shall submit rates in percentage (above/below) of the estimated rates of the enclosed estimated rates of BOM and the lowest successful Bidder shall be awarded to execute the work. Other terms & conditions from S. no. 1 to 10 are annexed here with for the work.

**3. Tender No.:** 014/NCCF/Delhi Branch/2022.


**4. Estimated value:** Rs.73,34,863 /-

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25/08/2022

5. **EMD:** 1.5 Lakh (To be deposited online or by DD in favour of MD NCCF, payable at Delhi. Account Name: MD NCCF, Account No.: 1132307139, IFSC Code: CBIN0281410, Bank Name: Central bank of India, Nehru Place, New Delhi).
6. **Date and Time of Starting of submitting Tender Bids:** 25.08.2022
7. **Date and Time for submission of Bids is over:** 08.09.2022 at 3:00 PM
8. **Date and Time of Opening of Tender Bids:** 08.09.2022 at 3:10 PM
9. **Address of Submission of Bids:-**Branch Manager, NCCF Delhi NCUI Complex,3 Siri Institutional Area, August Kranti Marg New Delhi-110016

**Note:**

1. The bids submitted shall consist of all pages of Tender document and NCCF Construction Guidelines October, 2020 signed on each page by Authorized Signatory with Seal of Firm, Along with documents in support of eligibility criteria as per NCCF Construction Guidelines, issued on October, 2020. All the documents shall be enclosed and sealed in an envelope labelled as "Technical Bid". Financial bid shall be submitted in a Separate sealed Envelope and must have "Financial Bid" written on the envelope. The rates shall be quoted in % percentage cost of estimated value i.e. at par, % above or % below of the tender value. The quoted rate shall include the minimum margin amount of NCCF (8.0 – 0.8%) @ 7.2% of the tender value, which shall be deducted by NCCF from each bill at the time of making payment. Both the sealed envelopes of bids shall be enclosed in a big sealed envelope which must have following words written on it. Bids for - (**Renovation and Renewing DR. M.A Ansari Auditorium at Jamia Millia Islamia, New Delhi**) and must have Seal and Signature of Authorized Signatory along with date of submission on the main Envelope.
2. All the Bidders will be bound to accept NCCF's Tender Term and conditions/Guideline. Noncompliance of this shall result into treating the tender as invalid. An Affidavit duly signed with Authorised signatory of Firm on Rs. 100 valid stamp paper shall be submitted along with the tender documents in support of this .The affidavit must consist of the following ‘‘ we accept all Terms and condition in regards to Tender for ‘**Renovation and Renewing DR. M.A Ansari Auditorium at Jamia Millia Islamia, New Delhi**’.
3. The Bid shall be accompanied by a covering letter in support of submission of Bids duly signed by Authorised Signatory of the Bidding Firm (Power of Attorney to be enclosed, if any) addressed to the concern Branch Manager of NCCF and Containing Name of work ,Tender No., Date, Name of signatory and Firm. Non Compliance shall result into tender being treated as invalid.

  
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The Bidder shall give a Declaration that they have not been Black Listed by any central and state Government Department/PSU /Autonomous Body etc.

4. The Bidder shall also enclose a list of their ongoing work with cost of work, Amount of work pending, Date of Award of the work, Name and Address of the Engineer in-Charge/Department etc. duly signed and stamped for assessment of liability.
5. In case of empanelled Architect, the rates quoted shall not be higher than the rates accepted by them at the time of empanelment.
6. Conditional bids will not be considered. NCCF reserves the right to accept or reject any bid without assigning any reason



(Y.P. Singh)  
Branch Manager  
(Signature with office stamp)



NCCF  
HO  
DELHI

Ref. No: NCCF/HO/BUS/2020-21/

Date: 29<sup>th</sup> Sep, 2020

To,  
The All Branch Managers  
NCCF

Sub: - System Improvement Measures for Construction Works/Projects taken up by NCCF.

- Ref: - 1. CVC letter no. IE/2017-18/ENE/359415 dated 06.10.2017 and letter no. 07-18-Z-08-ESW- 21/452611 dated 17.06.2020  
2. NCCF business guidelines clause 6.28-guidelines for Housing/Building construction projects.

In ref to above following guidelines are being issued for System Improvement, Ensuring Quality, Proper Supervision and Transparency for Construction Works/ Projects. Immediate compliance shall be ensured by all NCCF Units.

1- All steel to be used on project sites for Reinforcement or any other activity shall only be from BIS Approved Primary Producers using Iron Ore as Raw Material such as SAIL, RIPL, TISCO, JINDAL, ESSAR, JSW makes only.

2- Cement shall only be used from reputed manufactures having BIS approval such as ACC, Ultra Tech, Shree Cement, Ambuja, Jaypee, CCI, JK Cement only.

3- Each project site must have Test lab for Concrete Strength testing .Concrete Cubes must be tested for strength regularly and kept at site with records in Testing Register to be maintained at site as per standard Testing procedures. Soil Testing must have been done for preparation of Structural Drawings etc.

4- Branch Manager shall ensure that sample Test of Cement, Concrete , Steel, Electric wires, Electric switches to be got down from NABL Accredited Test Labs and records shall be maintained.

5- All Electrical items to be provided on site shall be BIS approved . The items

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Ph. No. 011-26111111

*[Handwritten Signature]*

shall be of Standard make such as Crompton Greaves (P) , Havells, Philips, Bajaj, Schneider , Siemens, Anchor (Switches only) , Legrand ( Switches only). L & T, Wipro NW (Switches, bulb only), Orpat ( Switches only) , Simon( Switches only) , GM Modular( Switches only), ABB, Finolex (For cables only), KEI (For cables only) , Polycab (For cables only), CCI (For cables only) , Gloster (For cables only), Universal ( For cables only), Voltas ( AC and Refrigerator only) , HPL, Blue Star (AC only), LG (For Acs , Refrigerator only), Career (Ac only), Exide ( For Battery), Eveready ( For Battery) , Amar Raja ( For Battery), HBL Power ( For Battery only). For Lifts/ Escalators- KONE, Schindlers, Otis, Thyssenkrupp and Hitachi only. The PVC pipe for underground wiring shall be of Medium grade BIS approved. Solar panels shall be from MNRE approved makes only.

6- Sieve Tests to be performed as per standard procedure by NCCF Supervisor/ Chartered Engineer/ PMC for every batch of aggregate/crushed stone/ sand received at site and record to be maintained in Daily Progress Book ( DPB) and Test Record Register.

7- Receipt of every Batch/ Truckload of construction material such as cement, steel, aggregate, sand etc to be witnessed and certified by NCCF Supervisor/ Chartered Engineer/ PMC and record to be maintained in Daily Progress Book ( DPB) and Material Register..

8 Pipes for water supply, Electrical Earthing etc shall be as per specification of vendor and shall be BIS approved only.

9 Business Associate shall provide an Information Board at site having minimum size of 3x2 ft firmly Fixed in the ground throughout the project construction stage. The Board must have following information-

<b>NATIONAL COOPERATIVE CONSUMERS' FEDERATION OF INDIA LTD (NCCF)</b>	
1-Name of Project-	
2-Sanctioned Cost-	
3-Name of Owner Department-	
4-Name of Contractor-	
5-Date of Start of Project-	6- Date of Completion-
7- Name and Phone Nu of NCCF Project (Branch) Manager-	
8-Name and Address of NCCF Branch-	

10- NCCF Supervisor/ Chartered Engineer/ PMC shall daily update the DPB (Daily Progress Book) and must record the activity carried out on site, Number of Labour available and working, Details of any Material received at Site (Material shall be kept in the custody of Business Associate and shall not be allowed to be

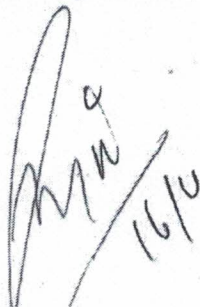
Adv. Bhattacharya  
Advocate  
223, Lawyer's Chambers  
Delhi High Court  
New Delhi - 110003  
Encl. No. D/310/1300

taken away from the site for any reason without the permission of NCCF Supervisor). No material shall be used at site which is as not been Certified/Inspected by NCCF Supervisor/ Chartered Engineer/ PMC. The DPB shall be Signed Daily by the NCCF Supervisor/PMC/Chartered Engineer on Site in the Evening when the working hours are over. NCCF Engineer/ Branch Manager / Senior officers during site visit shall Counter Sign the Site Progress Register and Supervisors DPB and must record their observations of site/ any shortcomings/ any Corrective measures to be adopted etc.

**PROFORMA FOR DAILY PROGRESS BOOK-**

<p><b><u>NCCF CONSTRUCTION SITE DAILY PROGRESS BOOK</u></b>          DATE.....          PROJECT SITE....          NAME OF SUPERVISOR/IE/Engineer</p>
<p>1-Number of Labour Available on site and working...          2-No of Masons working...  <u>3-Details of Activity Carried out during the Day</u></p>
<p><u>4-Details of Material Received at Site</u></p>
<p>Signatures of Supervisor/ JE/Engineer</p>

11- The Business Associate eligible for any Construction project shall have an experience of satisfactory completion of similar Nature of single work (minimum 90% complete) which must be of value equal to 25% or more or 2 works each of 20% or more of total value (minimum 90% complete) of the Estimated cost of the project in last 5 years either of any Government/PSU/Government Organization, Municipal Corporation/Reputed Builders/Pvt. Ltd. Companies etc. The completion certificate shall be issued by the Executive Engineer rank officer of the Department concerned in case of Government Department. In case of experience from Private Organizations, sufficient proof of work order and payments received by the bidder for the said work (Form 26 AS etc) must also be provided besides completion certificate from the authorized signatory of the client.

  
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Arjun Bhattacharya  
 Advocate  
 23, Lawyer's Chambers  
 Delhi High Court  
 New Delhi - 110003  
 En. No. D/310/155



12- For all the works, offer shall be invited from the bidders as per the existing guidelines by issuing NIT on NCCF website. In case the bidder is an empanelled vendor then single bid may be considered and in case of non-empanelled bidders a minimum of 2 valid bids must have been received otherwise the tender shall be retendered for at least one more time.

13- In case of joint ventures, the major partner must have atleast 60% of the desired experience (eligibility criteria) and other partner must have atleast 20% of the required experience. Combined experience of all the JV partners shall not be less than 100% of the required experience. There must not be more than 3 JV partners for a particular work.

14- All the Offers/Tenders for all the works of NCCF (construction or other) shall be invited through NCCF website as approved in NCCF Business Guidelines. The minimum period of NIT shall be 2 weeks and in special conditions lesser period may be allowed depending on the time allowed by the client department for submission of tender etc. Reasons for lesser time shall be clearly recorded by the concerned Branch Managers in the tender cases.

15- The non-empanelled bidders bidding for any Work/Job of NCCF shall submit an EMD by way of DD, Online Payment equal to an amount of 2% of tender value upto Rs. 50Lakhs and 1% for the tender value above 50Lakhs with a minimum amount of Rs. 1Lakh or as per the requirement of client in case specified by client. The EMD of successful tenders shall be convertible to Performance Guarantee (P.G.). The successful bidder (Empanelled and non-empanelled both for construction works) shall deposit P.G. in the form of Bank Guarantee/FDR/DD equivalent to an amount of 2.5% of the accepted tender value in case of empanelled vendors and 5% in case of non-empanelled vendors. Besides P.G., an amount equal to 5% of every running and final bill shall be kept as Security Deposit (S.D.) money by NCCF, as a security for trouble free services and shall be paid to the vendor 50% after six months of completion of the work, and balance 50% after 12 months of completion without any interest. In case of withdrawal of offer by the lowest bidder after opening of the financial bid, the EMD shall be forfeited by NCCF. In case of Substandard Performance of the project, if the vendor does not sets it right in the notified period, NCCF shall have the right to get it rectified from other sources and the cost shall be adjusted against the S.D. money. The Demand Draft of EMD of successful bidder shall be got encashed by NCCF. No interest shall be paid at the time of Refund/Payback.

16- In case of non-performance, delay in execution or substandard quality of the project the penalty in the form of liquidated damages (L.D.) at the rate of 0.5% per week on the balance Work/Defective Work till rectification shall be levied by NCCF to a maximum amount of 10% of the agreement value.

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Advocate  
723, Lawyer's Chamber  
Delhi High Court  
New Delhi - 110001  
En. No. 093107

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17- Concerned Branch Manager shall be the Controlling/Executing officer of the project and shall be responsible for the successful completion of the entire project.

18- The Empanelment of all Business Associates (including Construction Projects etc.) shall be done as per existing clause no. 2.2.5 of Business Guidelines. The Empanelment fees shall be refundable and as under-

Category of Branch	Amount (Rs.)
A	50,000.00
B	25,000.00
C	15,000.00

The Performance of all Empanelled Business Associates shall be reviewed after every 2 years and Business Associates who have not taken part in Business Activities such as participation in Tenders etc. shall be delisted. ~~\_\_\_\_\_~~


This issues with the approval of MD, NCCF.

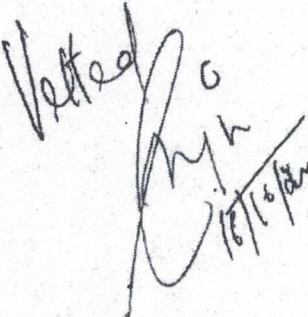
Copy to:

MD, NCCF- For Kind information please

CVO-For Kind information please

DM (A&F) - For information and implementation please

  
(Shaukat Ali)  
General Manager(C)



Anju Bnattacharya  
Advocate  
23, Lawyer's Chambers  
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Tel. No. D/310/1982





## JAMIA MILLIA ISLAMIA UNIVERSITY, NEW DELHI

M.A ANSARI AuditoriumBOQ**A. SOUND/AUDIO SYSTEM**

SR.No.	ITEMS SPECIFICATION	QTY	UNIT	UNIT PRICE	AMOUNT	MAKE
1	<b>Ceiling Mount Speaker(Front Left &amp; Right):</b>	4	Nos.	49000	196000	<ul style="list-style-type: none"> <li>• Yamaha</li> <li>• JBL</li> <li>• QSE</li> </ul>
	As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in-charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete Speaker type : 2-way bass reflex , Frequency range (-10dB) : 50Hz-20kHz , Nominal coverage : 90 x 40 , Components : 15" cone , 1.75" , Ti vc, CD-Horn , Power rating : PGM 500W , SPL : Sensitivity (1W; 1m on axis) 98dB SPL , Nominal impedance : 8Ω					
2	<b>Speaker Rigging :</b>	2	Nos.	7000	14000	<ul style="list-style-type: none"> <li>• Custom</li> </ul>
	As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in-charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete Speaker Mount & Rigging Hardware for Yamaha R115 (Area: Front Speaker) For Hanging arrangement of Speaker					
3	<b>Floor Monitor Speaker : Speaker type :</b>	2	Nos.	40000	80000	<ul style="list-style-type: none"> <li>• Yamaha</li> <li>• JBL</li> <li>• QSE</li> </ul>
	As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in-charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete Floor Monitor Speaker : Speaker type : 2-way bass reflex , Frequency range (-10dB): 55Hz-20kHz , Nominal coverage : 40 x 90 , Components : 12" cone , 1.75" , Ti vc, CD-Horn , Power rating : PGM 400W , SPL : Sensitivity (1W; 1m on axis) 97dB SPL , Nominal impedance : 8Ω					
4	<b>Monitor Speaker on Side Wall behind Stage wings :</b>	2	Nos.	39000	78000	<ul style="list-style-type: none"> <li>• Yamaha</li> <li>• JBL</li> <li>• QSE</li> </ul>
	As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in-charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete Speaker type : 2-way bass reflex , Frequency range (-10dB) : 50Hz-20kHz , Nominal coverage : 90 x 40 , Components : 12" cone , 1.75" , Ti vc, CD-Horn , Power rating : PGM 400W , SPL : Sensitivity (1W; 1m on axis) 97dB SPL , Nominal impedance : 8Ω					
5	<b>Speaker Brackets :</b>	2	Nos.	4500	9000	<ul style="list-style-type: none"> <li>• Custom</li> </ul>
	As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in-charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete For Hanging arrangement of Speaker on side walls or over head on stage					



6	<b>Subwoofer : Speaker type :</b>	2	Nos.	80000	160000	• Yamaha R118W
	as per Architectural Drawings, Work will be executed as per the instructions of Engineer-in- charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete Bass reflex , Frequency range (-10dB) : 35Hz-3kHz , Components : 18" cone , Power rating : 1000W , SPL : Sensitivity (1W; 1m on axis) 97dB SPL , Peak SPL ( 128dB ) Nominal impedance : 8Ω					
7	<b>Delay Speaker ( Left &amp; Right ) :</b>	12	Nos.	35000	420000	• Yamaha • JBL • QSE
	As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in- charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete Speaker type : 2-way, Bass-reflex , Frequency range (-10dB) : 51Hz - 20kHz , Nominal coverage : H ( 100 ) X V ( 100 ) , Components : 8" Cone & 1" Soft dome , Power rating : 180W , Nominal impedance: 8Ω/60W (170Ω) , 30W (330Ω) , 15W(670Ω) , SPL : 117dB SPL					
8	<b>Power Amplifier for, main Speaker &amp; subwoofers :</b>	2	Nos.	100000	200000	• Crown • Yamaha • QSE
	As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in- charge (EIC)					
9	<b>Power Amplifier : Stage Monitor Speakers :</b>	2	Nos.	87000	174000	• Yamaha • Crown • QSE
	As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in- charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete 2x 800W at 8Ω ; 2x 1050W at 4Ω ; Newly developed Class-D amplifier engine with a custom LSI ; Flexible onboard PEQ, crossover, filters, delay, and limiter functions ; Yamaha Speaker presets ; Utilities for safe and secure operation ; Sampling frequency rate Internal 48kHz ; A/D D/A Converters AD/DA: 24-bit linear, 128 times over sampling; Total harmonic distortion 0.1% (1kHz, 10W), 0.3% (1kHz, Half power) ; Frequency response ±1.0dB (1W, 8Ω, 20Hz to 20kHz)					
10	<b>Power Amplifiers for surround speakers :</b>	3	Nos.	75000	225000	• Yamaha Px5
	As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in- charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete 2x 300W at 8Ω ; 2x 500W at 4Ω ; Newly developed Class-D amplifier engine with a custom LSI ; Flexible onboard PEQ, crossover, filters, delay, and limiter functions ; Yamaha Speaker presets ; Utilities for safe and secure operation ; 8Ω/Power Boost Mode 600W x 1 4Ω/Power Boost Mode 1000W x 1; Sampling frequency rate Internal 48kHz ; A/D D/A Converters AD/DA: 24-bit linear, 128 times over sampling					
11	<b>Analog Mixer :</b>	1	Nos.	100000	100000	• Yamaha • Macki • Sound Craft
	As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in- charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete Mixing					

	channels 24 Line Inputs (16 mono and 4 stereo) ; GROUP					
12	<b>Wired Microphone :</b> As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in- charge (EIC)	20	Nos.	3500	70000	• Shure • Sennheiser • Yamaha
13	<b>Handheld Wireless Microphone:</b> As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in- charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete Professional Handheld Wireless Microphone System with 8 Selectable UHF Channels. The selectable 8 UHF channels ensure flawless and non-interfering performance, along with an exceptionally clear microphone make the BR 28/BM 28 a great value proposition. UHF Band frequency by PLL-Synthesis Technology	2	Nos.	13500	27000	• Studiomaster • Shure • Sennheiser
14	<b>Lapel UHF wireless microphone :</b> As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in- charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete Professional Lapel UHF wireless microphone technology system engineered for the high quality performance for virtually any application. This Series of UHF wireless system offers unprecedented flexibility & versatility. Superior quality UHF band frequency Wireless Microphone System. 100 UHF selectable channels.	2	Nos.	13000	26000	• Sennheiser • Studiomaster
15	<b>GOOSENECK MICROPHONE</b> As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in- charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete Frequency Range 50 Hz to 18 kHz Maximum SPL 120 dB SPL Impedance 100 Ohms Sensitivity -38 dOperating Voltage 12 to 48 V Dimensions H: 1.3 x W: 3.4 x L: 5.6" / H: 3.3 x W: 8.64 x L: 14.22 cm (Base) L: 18" / L: 45.72 cm (Gooseneck) Weight 1.73 lb / 784.7 g	2	Nos.	5400	10800	• Shure • Sennheiser • Studiomaster
16	<b>PA Powered Lectern System Powered Podium:</b> As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in- charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete I. Built-in 60 Watts Amplifier (4 Ohms Output) II. Built-in Three 4 Inches •Woofers and One 2Inches •Tweeter III. Built-in Dual Wireless Microphone (Dual Hand or One Hand + One Tie Microphone) IV. Two Flexible Gooseneck Microphone and One Reading Lamp V. External Speaker Connection available VI. Foldable Laptop Table In-Built USB Player with Bluetooth and Recording Facility	1	Nos.	60000	60000	• Audio work • AHUJA • MEGA
	<b>Equipment Rack :</b>					

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17	As per Architectural Drawings, Work will be executed as per the instructions of Engineer-in-charge (EIC) including all tools, tackles, machineries, manpower, staging, any consumables, etc. complete Equipment Rack for housing all rack mountable equipments with internal wiring, front glass door; heat dissipation fans; movement wheels, power distribution units etc.	1	Nos.	40000	40000	<ul style="list-style-type: none"> <li>• AUDIOWORKS</li> <li>• RACKOM</li> <li>• Equivalent</li> </ul>
18	<b>UL Listed connectors :</b> For inter connection of equipment's.	1	Lots.	1000	1000	Losen Neutric
19	<b>Floor Boxes :</b> Container for electrical connections, usually intended to conceal them from sight and deter tampering.	4	Nos.	6000	24000	STAGEWORKS
20	<b>Microphone stand (Large) :</b> Long Stands for microphone	6	Nos.	2200	13200	<ul style="list-style-type: none"> <li>• Hercules</li> <li>GS</li> <li>K &amp; M</li> </ul>
21	<b>Microphone stand (Small) :</b> Long Stands for microphone	14	Nos.	1500	21000	<ul style="list-style-type: none"> <li>• Hercules</li> <li>GS</li> <li>K &amp; M</li> <li>• SHURE</li> </ul>
22	<b>Professional Stereo Headphones :</b>  *High impedance and maximised power handling for mixers *Enhanced frequency response tuned to deliver high-output bass with extended highs Closed-back, circumaural design rests comfortably over the ears and reduces background noise *Adjustable, collapsible headband with 90-degree swivel ear cups for comfort and easy one-ear placement *Legendary Shure quality to withstand the rigours of everyday use *Bayonet Clip securely locks cable into ear cup Replaceable ear cup pads ensure long product life *3m (10ft) coiled detachable cable provides plenty of length and easy storage *Carrying bag protects headphones when on the go or not in use	1	Nos.	4000	4000	<ul style="list-style-type: none"> <li>• Sennhesier</li> <li>• Studio master</li> </ul>
23	<b>Snake Cable Long drum:</b> LOSEN/SUNRISE/ MB PRO 16 Pair Bulk CL-2 Multi-pair Snake Cable Each channel is 24 gauges, individually shielded, jacketed and numbered. Meets NEC Code for permanent installation. Cables are built with the hard-working, hard-touring musician or audio professional in mind. AWI cables are exceedingly high-quality cable lines in the fix installations and live shows for their durability and excellent performance.	100	Mtr.	400	40000	LOSEN &SUNRISE Clotz
24	<b>Speaker Cable for 2.5 Sq. mm 200/40 Subwoofers &amp; Main Speakers:</b> Cable with thickness of 2 Core 2.5 Sq. mm. Use for all audio applications with Double Diamond Protection Highest quality stranded copper wire for maximum flexibility and covered with a tough PVC jacket to help prevent chafing. Wire should be designed to maximize sound quality and for better frequency response Cable with thickness of 2 Core 2.5 Sq. mm	300	Mtr.	200	60000	<ul style="list-style-type: none"> <li>• LOSEN</li> <li>&amp;SUNRISE</li> <li>• Clotz</li> <li>• Neutric</li> </ul>
	<b>Speaker Cable for 1.5 Sq. mm 100/40 Delay Speakers :</b>					

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25	Cable with thickness of 2 Core 1.5 Sqmm. Use for all audio applications with Double Diamond Protection Highest quality stranded copper wire for maximum flexibility and covered with a tough PVC jacket to help prevent chafing. Wire should be designed to maximize sound quality and for better frequency response Cable with thickness of 2 Core 1.5 Sq. mm	250	Mtr.	175	43750	<ul style="list-style-type: none"> <li>• LOSEN &amp; SUNRISE</li> <li>- Clotz</li> <li>- Neutric</li> </ul>
26	<p><b>Microphone Cable :</b></p> <p>Balanced shielded Roll Reel of microphone audio cable, Balanced and shielded with rope braiding to give cable substantial strength while retaining extreme flexibility &amp; Great for building custom length mic cables, custom patch coded or other audio applications that require either a stereo or balanced signal.</p>	200	Mtr.	65	13000	<ul style="list-style-type: none"> <li>• LOSEN &amp; SUNRISE</li> <li>- Clotz</li> <li>- Neutric</li> </ul>

*YPSingh*

B. PROJECTION SYSTEM						
1	<p><b>SITC Panasonic Laser ,6500 lumens, WUXGA :</b>            This projector also offers WUXGA resolution and Full HD support. Featuring breakthrough laser technology, it delivers a laser light source of up to 30,000 hours<sup>5</sup>. And, it offers virtually maintenance-free operation for the life of the optical engine<sup>6</sup>. Plus, it features a Dynamic contrast ratio of up to 2,500,000:1. It also includes manual lens shift, networking with enterprise-level security, and advanced installation features. Audio Input: Stereo Mini Jack: 2 Audio Output: Stereo Mini Jack: 1 Control I/O: RS-232C: D-Sub 9pin x 1 Others: USB Type A: 1 (for USB Memory, USB Document Camera, Firmware Update, Contents Playback, Copy OSD Settings) USB Type B: 1 (for Mouse, K/B Control, Firmware Update) Throw: Universal Projector Ceiling Mount:</p>	1	Nos.	525000	525000	*Epson *Panasonic *SONY
2	<p><b>Universal Projector Wall or Ceiling Mount - Adjustable Angle and H:</b> * Cold-Rolled steel material; Durable construction * Fits most projector brands (mounting holes on projector max. 12.3") * 2-In-1 design can be installed as a Flush mount or Telescopic with height adjustment 14.9" - 24.4" * Angle adjustments: Tilt and rolls Plus or minus 15 degrees 90 degrees swivel adjustment * Features cable management to conceal HDMI, audio, video cables.</p>	1	Nos.	7000	7000	Reputed
3	<p><b>Optical High-Definition Multimedia Interface Cable:</b>            50' Meter' Ultra High Speed Equalizer HDMI Cable FULL HD 3D Shielded High Speed Cable for Audio Video HDMI Cord Support HD 3D 4K, With Ethernet - Supports 3D &amp; Audio Return Channel with MULTI- FUNCTIONAL SUPPORT - Lintek HDMI A Male to A Male Cable 1 Supports 3D   HD 2K @ 1080p   QHD @ 1440p   UHD 4k @ 2160p (up to 60 Hz over HDMI 2.0 HDMI 2.0 connection).</p>	1	Nos.	50000	50000	Linetek
4	<p><b>Optical VGA "A Video Graphics Array" MALE TO MALE VGA CABLE DB-14 MACHO X DB-14 MACHO VGA 50MT:</b>            This VGA Cable is the best link for connecting your desktop or laptop to a monitor or projector. The combination of gold-plated connectors with heavy 28 AWG bare copper conductors, foil &amp; braid shielding and dual ferrite cores provide superior cable performance. Its moulded strain relief connectors, finger-tightened screws, and easy grip treads increase durability, ensure a secure connection, and make plugging and unplugging easier. KEY FEATURES: Input: VGA 15-pin male Output: VGA 15-pin male. Material: Bare copper conductor Supported resolutions: 800x600, 1024x768, 1280x1024, 1600x1200, 1680x1050, 1080p, 1920x1200 &amp; higher.</p>	1	Nos.	12000	12000	Linetek
5	<p><b>Grandview Motorised Smart Screen:</b>            Screen is designed to be clever to make your installation easy, like always the screen has multiple mounting</p>	1	Nos.	300000	300000	Reputed

*X P Singh*

C.) Miscellaneous work						
1	<p>Providing and Uixing <b>Carpet Flooring</b> using Broadloom (Roll type) carpet of approved make, shade and pattern and of the following speciUication: Tufted cut pile, 1/10 gauge with 100% Polyamide Millitron/ 6 Crealon (R) nylon/ SD Nylon pile material having minimum surface pile thickness of 5.3 to 7.3mm and minimum total thickness of 6 to 8mm with Contract Latex backing/ Weave back (R) backing/ Woven Polypropylene backing, min. tufts of 201000 to 202000 per sqm and minimum total carpet weight of 2250 to 2350 g/ sqm, pile yarn weight of 1150 to 1250 g/sqm, surface pile density of 0.135 to 0.145 g/ cucm having inbuilt anti- soiling protection, suitable for commercial-heavy use areas like auditorium application, having acoustical insulation value of 27 to 33 dB, CE labeled, EC certUied, fulUilling Fire ClassiUications EN 13501-1 euro class and approved by Green Label including surface prepration, cutting, wastage, providing aluminium nosing/corner aluminium angles at all junctions of tread,risers, corners etc. complete as per directions and to the total satisfacion of Engineer In-Charge.</p>	417	SQM	2200	917400	Reputed
2	<p>Supplying and installation of Auditorium chairs (without cug holder) : Model SpeciUication : The seat and back should be made up of 12 mm. thick hot- pressed plywood, upholstered with fabric and moulded Polyurethane foam. The seat should be mounted on seat brackets made of <math>5 \pm 0.5</math> mm. thk. HR Steel. The seat should be tip- up type and can be folded when not it use. * Back size should be in the minimum of 470 mm. (W) X 520 mm. (H) * Seat Size Should be in the minimum range of 470 mm. (W) X 440 mm. (D) . The Polyurethane foam should be moulded with density = <math>45 \pm 1 - 2</math> kg/m3 and Hardness = <math>20 \pm 2</math> kg. on Hampden machine at 25% compression . PU Foam thickness is 45 mm. The arm is Uixed and connected to the understructure. The armrests should be membrane-pressed (Cherry shade) MDF with black backing laminate. The understructure should be fabricated using of mentioned materail as per direction of Engineer -incharge.</p>	540	Each	5800	3132000	Reputed
3	<p>Repairing to existing Wooden Flooring including necessary hardware backed byn horizontal/vertical plane (rate for flooring shall include providing additional framework required for housing microphone and power outlet junction - signal &amp; Popup Stage boxes, If required providing and fixing hinged 8mm thick teakwood cover for the junction boxes. As per Design &amp; Drawing Work complete in all respect as per the drawing to the satisfaction of Engineer in-charge includes polishing</p>	50	SQM	1500	75000	Reputed

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4	Supply & Installation of 18 watts Providing & Fixing of IP40 LED Recessed / Surface Mounted, Round / Square Non-Dimmable Back lit SMD Mid Power LED Downlight with die-cast aluminum housing & Heat Sink for heat dissipation with UV Stabilized non yellowish Diffuser with internal/ external BIS compliance 2.5 KV surge protected isolated driver, with Short & Open circuit protection, having efficiency > 85% and in compliance to IEC standards. System Lumen efficacy of $\geq 120$ lm / watt, THD < 10 % ,p.f. $\geq 0.95$ , CRI >80, life time of minimum 50000 Burning Hours with , 70% of initial Lumen maintained till life ends , CCT 3000°K / 4000°K / 5700°K / 6000°K/6500°K (As per ANSI) Bin) , maximum power consumption should not more than the specified rating and Fixture shall be of BIS standard and trade mark certificate ( T.C.). Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. All as per pre approved by engineer in charge .As per recommended makes of RFP.	90	Each	1650	148500	Reputed
<b>Total</b>					<b>7276650</b>	

(Note: All Rate are of inclusive of GST.)

