E-TENDER
FOR
SUPPLY, INSTALLATION, TESTING
AND
COMMISSIONING
OF
PUBLIC ADDRESS SYSTEM
FOR AUDITORIUM
OF
SRSC, PALAMPUR, H.P.

NATIONAL SCIENCE CENTRE
(NATIONAL COUNCIL OF SCIENCE MUSEUMS)
BHAIRON ROAD, NEAR GATE NO. 2, PRAGATI MAIDAN
NEW DELHI – 110 001
NOTICE INVITING E-TENDER

TENDER No. NSCD/18011/E – Tender – 03 / 2019-20

On-line digitally signed E-Tenders are invited for Supply, Installation, Testing and Commissioning of Public Address System for Auditorium of SRSC, Palampur, Himachal Pradesh as per the Centre’s Technical specification. Vendors having proven experience and capability of executing the order at a time may download the Tender Papers from Central Public Procurement Portal (CPPP): [http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app) or from Centre’s website [www.nsdelhi.org](http://www.nsdelhi.org) or [www.nscd.gov.in](http://www.nscd.gov.in) as per the following schedule:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date/Start</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bid Document Published Date</td>
<td>23rd May, 2019 (17:30)</td>
</tr>
<tr>
<td>Bid Document Download Start Date</td>
<td>23rd May, 2019 (17:30)</td>
</tr>
<tr>
<td>Bid Clarification Start Date</td>
<td>23rd May, 2019 (17:30)</td>
</tr>
<tr>
<td>Bid Submission Start Date</td>
<td>23rd May, 2019 (17:30)</td>
</tr>
<tr>
<td>Bid Clarification End Date</td>
<td>05th June, 2019 (14:00)</td>
</tr>
<tr>
<td>Bid Document Download End Date</td>
<td>05th June, 2019 (14:00)</td>
</tr>
<tr>
<td>Bid Submission End Date</td>
<td>06th June, 2019 (14:00)</td>
</tr>
<tr>
<td>Technical Bid Opening Date</td>
<td>07th June, 2019 (15:00)</td>
</tr>
<tr>
<td>Technical Presentation Date</td>
<td>Shall be communicated later on</td>
</tr>
<tr>
<td>(To be held at National Science Centre, Delhi)</td>
<td></td>
</tr>
<tr>
<td>Financial Bid Opening date</td>
<td>Shall be communicated later on</td>
</tr>
<tr>
<td>Earnest Money Deposit</td>
<td>₹6,500/-</td>
</tr>
</tbody>
</table>

The online bid both Technical and Financial, should be uploaded by the due date and time as per the above schedule. The responsibility to ensure the same lies with the bidders. Off-line tenders shall not be accepted and no request in this regard will be entertained whatsoever. **Online Technical Bid will be opened at the first instance in this office at 03:00 p.m. on 07th June, 2019 for Technical Evaluation as well as selection of technically acceptable offers.** The agencies shall be required to make detailed technical presentation on all available options as detailed in **Annexure-F (Scope of work and technical specification)** at National Science Centre, New Delhi for which the exact date & time shall be communicated later on. In the second stage, the Financial Bids of only the selected and techno-commercially acceptable offers / system / equipment will be opened. Decision of the Centre, regarding selection of eligible and qualified vendors / firms for opening the Financial Bid shall be final and binding on the bidders. Bidders may be present during opening of tenders.

NSC Delhi reserves the right to accept or reject any or all tenders in full or part without assigning any reason whatsoever. NSCD shall also not be bound to accept merely the lowest tender but the technical suitability, capability and superiority of the equipment / system as well as after sales service including infrastructure to render such service, etc. shall be of prime consideration for selection of the equipment /system.
CHECK LIST

Check list of Tender No. NSCD/18011/E-Tender – 03 / 2019-20 for Supply, Installation, Testing and Commissioning of Public Address System for Auditorium of SRSC, Palampur, H.P.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.</td>
<td>Whether E-Tender uploaded in Two parts (i.e. Technical &amp; Commercial) separately. Please note that one set of original signed bid must be delivered at NSC, Delhi before the time of opening Technical Bid.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>02.</td>
<td>Whether Tender documents carefully studied &amp; understood.</td>
<td></td>
<td></td>
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<tr>
<td>03.</td>
<td>Whether Tender documents duly signed and stamped on all pages is scanned and uploaded as Part – I of the Tender in Central Public Procurement Portal.</td>
<td></td>
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</tr>
<tr>
<td>04.</td>
<td>Weather Earnest Money of ₹6,500/- submitted by Online / Demand Draft No. ..........dated................. and Scanned copy of DD uploaded as Part – I of the Tender. Please note that the original DD should be couriered /hand delivered to NSC Delhi / online payment details shall be sent to NSCD before the opening time of Technical Bid.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>05.</td>
<td>Whether Declaration regarding Non-relation, duly signed and stamped, and scanned copy of the same uploaded as Part – I of the Tender in Central Public Procurement Portal. Annexure C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>06.</td>
<td>Whether Declaration certifying that there is no extra conditions quoted in the Offer Form duly signed and stamped, and scanned copy of the same uploaded as Part – I of the Tender in Central Public Procurement Portal. Annexure D</td>
<td></td>
<td></td>
</tr>
<tr>
<td>07.</td>
<td>Did you visit the actual site for execution of the work?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date: ___________________________  Signature of the Tenderer

Place: __________________________  Official Seal
1. The instructions given herein will be strictly binding on the bidders and deviation, if any will make the tender or tenders liable to be considered invalid. Tenders incorporating additional conditions by the bidder are liable for rejection.

2. Bids shall be submitted online only at CPPP website: https://eprocure.gov.in/eprocure/app. Manual bids shall not be accepted.

3. The instructions given in “Annexure-A” for “Instruction for Online Bid Submission” should be strictly followed during submission of the Bid.

4. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

5. An agent of foreign OEM, for submitting the offer on behalf of OEM, would be required to produce a copy of their legal bid agreement with their principal and a copy of registration / enlistment with DGS&D as an Indian agent failing which their bid would be disqualified.

6. Bid should be submitted along with the Earnest Money of `6,500/- (Rupees Six Thousand five hundred only) by way of crossed Demand Draft / Pay Order on any of the commercial banks or payment online by NEFT / RTGS payable in favour of “NATIONAL SCIENCE CENTRE”, payable at Delhi. Earnest Money deposit in the form of Bank Guarantee /Bond or any other instrument shall not be accepted and shall be rejected straightway. Earnest Money deposits in respect of such offers which are not accepted will be returned to the bidders within 30 working days from the date on which the final decision is taken about the source from which the items under tender are to be procured or within 2 (two) months from the date of the opening of the tenders, whichever is earlier. No interest will be paid on the Earnest Money deposited with the Council. Earnest Money deposit in respect of the successful bidders will be retained with the NSCD until entire execution of the order as per terms of the tender. If the successful bidder fails to execute the order strictly as per the NSCD’s drawing & specification in full or part within the stipulated delivery period of the purchase order, the Earnest Money deposit retained with the NSCD shall be forfeited forthwith after cancellation of the concerned order.

7. Validity of Bids: The Bids should remain valid for 90 days from the date of opening of Financial Bid.

8. Rejection of Bids: Canvassing by the Bidder(s) in any form, unsolicited letter and post-tender correction may invoke summary rejection. Conditional tenders will be rejected. Non-compliance of applicable General Information and Instructions will disqualify the Bid.

9. The Bidders should have Digital Signature Certificate (DSC) for filling up the Bids. The person signing the tender documents should be authorized for submitting the online e-tender.

10. The Bidders shall fill up the Prescribed Format for submission of Technical Bid as per “Annexure-B” format duly signed by the authorized signatory. The person signing the tender document should be authorised for submitting the online e-tender.

11. The Financial Bid (BOQ) shall be filled in and signed by the authorized signatory online as per Proforma “Annexure- I” available at Central Public Procurement Portal e-tender system website http://eprocure.gov.in/eprocure/app. off line Financial Bid shall not be accepted.
12. DOCUMENTS COMPRISING THE BID:
The bids prepared by the bidder shall comprise of
(1) The Technical Bid and
(2) Financial Bid

TECHNICAL BID:

Tender must be uploaded in two separate sets- namely set-1 (Technical Bid) and set-2 (Financial Bid). The set-1 will comprise of

Set - 1

i) “Technical Bid” (as per Annexure-B format) duly filled in and digitally signed with official stamp. Upload scanned copy.

ii) All relevant documents related to “Technical Bid” as per “Annexure-B”. Upload scanned copy.

iii) The Technical Brochures of each equipment with technical explanation for every feature of the product offered by the bidders. Upload scanned copy.

iv) The scanned copy of the Demand Draft for ₹6,500/- (Rupees Six Thousand Five hundred only) as Earnest Money Deposit.

v) The scanned copy of “General Terms & Conditions” (Annexure-E) duly signed by the Authorized Signatory with official stamp as a token of acceptance of the bidders.

vi) The scanned copy of “Technical specifications and Scope of Work” (Annexure-F) duly signed by the Authorized Signatory with official stamp as a token of acceptance of the bidders.

vii) Scanned copy of Declarations at Annexure C & D

viii) Detailed Layout drawing as per Annexure – G

ix) Tenderers are required to submit along with the tender in Part-I envelope, Schematic design and drawings of proposed P A System, details of mechanisms with complete technical specifications, procurement strategy, flow chart of the work, fabrication strategy and a bar chart on how the work shall be completed within the stipulated time as per Clauses of the General terms and conditions.

Set-2

i) The “Financial Bid (BOQ)” (as per Annexure- I format) i.e. Schedule of Price Bid in the form of attached Proforma duly filled in and digitally signed

N.B. :-
The bidders shall consider the prevailing tax rates while quoting the rates. However, in the event of any changes in the statutory taxes and duties, the rates applicable at the time of payment shall be made by the competent authority of the NSC, Delhi against submission of supporting documentary evidence.
The Cover-1, i.e. Technical Bid shall be opened by the Centre at the first instance and evaluated by the competent authority of the Centre. The agencies shall be required to make detailed technical presentation on all available options as detailed in Annexure-F (Scope of work and technical specification). The technical presentation shall include at least one recent installation done during last three years. At the second stage, the Set-2 containing Financial Bid of only techno-commercially acceptable offers shall be opened for further evaluation and ranking before awarding the contract. Date of opening of the financial (Price) bid shall be intimated to only such vendors who will be finally qualified at technical stage.

13. Authorities of National Science Centre, Delhi do not bind themselves to accept mere lowest tender and reserves the right to reject or accept any or all tenders wholly or partially without assigning any reason whatsoever.

14. Order shall be placed in favour of a single agency considering the total cost arrived based upon consolidated BOQ as per Annexure-I.

Eligibility Criteria for participation in the Tender process (Copies of relevant supporting documents must be furnished along with Part – I of the Tender)

1. The Firm must be authorised dealer/distributor of the OEM
2. Minimum Three (3) years’ experience in executing similar works in any Central / State Government organisation / Public Sector undertaking / Autonomous bodies.
3. Annual Turnover of the firm shall not be less than ₹40.00 lakh
4. Certificate from OEM must be produced
5. Last 3 years of Audited accounts of the Firm
ANNEXURE –A

NATIONAL SCIENCE CENTRE,
NEAR GATE NO. 2, PRAGATI MAIDAN
BHAIRON MARG, NEW DELHI-110001

TENDER No. NSCD/18011/E-Tender – 03 / 2019-20

Instructions for Online Bid Submission

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

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

REGISTRATION

1. Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) by clicking on the link “Online Bidders Enrolment” on the CPP Portal which is free of charge.

2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.) with their profile.

5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.

6. Bidders may then log-in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

1. There are various search options built in the CPP Portal to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords, etc. to search for a tender published on the CPP Portal.

2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective „My Tenders” folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

3. The bidders should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.
PREPARATION OF BIDS

1. Bidders should take into account any corrigendum published on CPPP in connection with the tender document before submitting their bids.

2. Please go through the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of sets in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

3. Bidders, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF / JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates, etc.) has been provided to the bidders. Bidders can use “My Space” or „“Other Important Documents”” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

1. Bidders should log-in to the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidders will be responsible for any delay due to other issues.

2. The bidders have to digitally sign and upload the required bid documents one by one as indicated in the tender document.

3. Bidders have to select the payment option as “offline” to pay the requisite Earnest Money Deposit (EMD) / Tender fee and enter detail of the instrument.

4. Bidders should submit the EMD as per the instructions specified in the tender document. The original instrument should be posted/couriered/given in person to the Tender Processing Section at the above address, latest by the last date of bid submission. The detail of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.

5. A standard Price Schedule format (BOQ) has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidders). No other cells should be changed. In case no rate value is required to be quoted in any particular cell , that cell may be kept blank , figure „0” (zero) shall not be entered in such cell(s) . Once the details have been completed, the bidders should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidders, the bid will be rejected.

6. The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referring the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
7. All the documents being submitted by the bidders would be encrypted using PKI encryption
techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized
persons until the time of bid opening. The confidentiality of the bids is maintained using the secured
Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any
bid document that is uploaded to the server is subjected to symmetric encryption using a system
generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid
opener’s public keys. Overall, the uploaded tender documents become readable only after the tender
opening by the authorized bid openers.

8. The uploaded tender documents become readable only after the tender opening by the authorized bid
openers.

9. Upon the successful and timely submission of bids (i.e. after Clicking “Freeze Bid Submission” in the
portal), the portal will give a successful bid submission message and a bid summary will be displayed
with the bid number and the date & time of submission of the bid with all other relevant details.

10. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid.
    This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

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

2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in
genral may be directed to the 24x7 CPP Portal helpdesk. The contact number for the helpdesk is
   1800 233 7315.
**TECHNICAL BID**

**Notes:** All Particulars / Information Should be given in the following format with Complete Details.

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of the Bidder</td>
</tr>
<tr>
<td>2</td>
<td>Mailing address of the Bidder with PIN/ZIP Code</td>
</tr>
<tr>
<td>3</td>
<td><strong>Contact details</strong></td>
</tr>
<tr>
<td></td>
<td>Telephone Number(s)</td>
</tr>
<tr>
<td></td>
<td>Mobile</td>
</tr>
<tr>
<td></td>
<td>Fax Number</td>
</tr>
<tr>
<td></td>
<td>E-mail Address</td>
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<tr>
<td></td>
<td>Web site</td>
</tr>
<tr>
<td>4</td>
<td>Background details of the Bidder (State whether original system integrator / authorised Dealer).</td>
</tr>
<tr>
<td>5</td>
<td>Name and Address of the Vendor to whom the order will be placed (NSCD prefers to procure the entire system from a single source)</td>
</tr>
<tr>
<td>6(a)</td>
<td>Whether capable to Supply, Installation, Testing and Commissioning of Audio System for Auditorium of National Science Centre, Delhi, as per minimum requirement/ and Technical Specification given in Annexure-F (Please mention &quot;Yes&quot; or &quot;No&quot;)</td>
</tr>
<tr>
<td>(b)</td>
<td>If it is mentioned “NO” above, submit detailed deviation to be made from enclosed Technical Specification. (Attach extra sheet, if required)</td>
</tr>
<tr>
<td>(c)</td>
<td>If it is mentioned “YES” above, submit the detail specifications of the offered product including copies of Product brochure.</td>
</tr>
<tr>
<td>7</td>
<td>Whether agreed to offer 3 (three) Years On-Site warranty for the entire Audio System at National Science Centre, Delhi,</td>
</tr>
<tr>
<td>8</td>
<td>Minimum down time to handle breakdown calls and/or any sort of emergencies.</td>
</tr>
<tr>
<td>9</td>
<td>Single point contact details for all post- installations service related issues with hierarchy levels (if any).</td>
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<td></td>
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<tr>
<td><strong>10(a)</strong></td>
<td>Whether agreed to accept comprehensive AMC after the warranty period is over (State “YES” or “NO”)</td>
</tr>
<tr>
<td><strong>(b)</strong></td>
<td>If the answer above is “Yes”, provide detailed address and set up link from where support for maintenance during post warranty shall be offered at NSC Delhi.</td>
</tr>
<tr>
<td><strong>11</strong></td>
<td>Whether agreed to accept the Delivery Schedule mentioned in Clause No.3 of the GENERAL TERMS &amp; CONDITIONS FOR SUBMISSION OF TENDER. (State YES or NO)</td>
</tr>
<tr>
<td><strong>12</strong></td>
<td>Whether agreeable to accept the payment terms mentioned in the clause no 7 of GENERAL TERMS AND CONDITIONS FOR SUBMISSION OF TENDER. (State YES or NO)</td>
</tr>
<tr>
<td><strong>13</strong></td>
<td>If the answer is NO then mention your payment terms. (No advance payment shall be considered / released by the Centre for any reason whatsoever.</td>
</tr>
<tr>
<td><strong>14</strong></td>
<td>Shelf-life time of the P.A. System at SRSC, Palampur, i.e. up to which period technical support as well as spare parts including consumables shall be available with the firm).</td>
</tr>
<tr>
<td><strong>15</strong></td>
<td>Submit technical brochures indicating the detailed technical specifications of the proposed system</td>
</tr>
</tbody>
</table>

I / We hereby declare that the above statements are true. I / We also declare that the decision of National Science Centre, Delhi regarding selection of eligible firm(s) / type of equipment or system / digital contents scheme for opening of Financial Bid (Part-II) shall be final and binding on me / us.

| Dated | Official Seal | Signature of the Bidder/Constituted Attorney |
DECLARATION

This is to certify that I/We have no close relative as an employee of the National Council of Science Museums (close relatives means: Father, Mother, Brother, Sister, Son, Daughter and Spouse) nor any such close relatives are associated with us as proprietor/partner/share holder/director and like.

Signature of the tenderer

Address:

Official seal with date
ANNEXURE D

NATIONAL SCIENCE CENTRE
(National Council of Science Museums)
Bhairon Road, Near Gate No.2, Pragati Maidan,
New Delhi - 110 001.

DECLARATION

We, do hereby accept the General Terms and Conditions as provided by the National Science Centre, Delhi along with tender documents for Supply, Installation, Testing and Commissioning of P A System for Auditorium of SRSC, Palampur, and also undertake to execute the job strictly as per the specifications of NSC, Delhi as provided along with the tender documents. National Science Centre, Delhi shall be at liberty to cancel the order in full or in part and forfeit the Earnest Money Deposit or Security Deposit retained with them in the event of failure of any of the declaration made by us.

Signature of the tenderer / Constituted Attorney.
(With date and Official Seal)
GENERAL TERMS AND CONDITIONS FOR SUBMISSION OF TENDER for Supply, Installation, Testing and Commissioning of Public Address System for Auditorium of SRSC, Palampur, H.P., providing operational training, offering on-site warranty support for three years of the complete setup. The integrated system is to be set up in the new Auditorium. The detailed layout drawing of the available space along with the proposed control room is enclosed for reference in Annexure G. Tenderers are required to submit along with the tender in Part-I envelope, Schematic design and drawings of proposed P.A. System, details of mechanisms with complete technical specifications, procurement strategy, flow chart of the work, fabrication strategy and a bar chart on how the work shall be completed within the stipulated time as per Clauses of the General terms and conditions.

1. **Price:** The rates quoted/indicated shall include cost of all Equipment, labor supervision and all working accessories, tools and tackles, reliable standard testing equipment, etc. and including all handling charges for Supply, Installation, Testing, Commissioning of the system as specified in Annexure-F “Technical specification and Scope of Work”, in the tender document along with warranty (3 Year) of the complete system. **The rates of GST and other taxes/levies to be imposed on the cost of the system shall have to be clearly and separately mentioned.** Price and rate quoted shall be firm and fixed for the entire period of execution of the work and no escalation of rate on any ground whatsoever shall be allowed.

The rates of GST and other taxes / levies to be imposed on the quoted rates shall be clearly mentioned in the offer form with proper break-up. No Tax exemption (Form C/E/D) will be issued. Prices and rates quoted shall be firm and fixed for the entire period of execution of the order and no escalation of rates on any ground whatsoever shall be accepted.

The bidders shall consider the prevailing tax rates while quoting the rates. However, in the event of any changes in the statutory taxes and duties, the rates applicable at the time of payment shall be made by the competent authority of the NSC Delhi against submission of supporting documentary evidence.

2. The successful tenderer shall submit the following documents within 07 (seven) days from the date of placement of Letter of Intent.
   i) Duplicate copy of the Purchase order duly signed and stamped as a token of acceptance of the order.
   ii) Non-judicial stamp paper of appropriate value for preparing the Agreement governing the terms and conditions of the Contract.
   iii) Security Deposit as detailed in clause No. 06 of General Terms & Conditions

3. **Time of Completion:** Time is the essence of the tender. The entire work viz. Supply, Installation, Testing & Commissioning of the system shall be completed in time bound manner.
The entire work shall be completed within **30 (Thirty) days** from the date of placement of Letter of Intent.

For non-compliance of any of the above terms and non-delivery of the tendered item complete in all respects within the above stipulated period, the Centre shall either cancel the order or impose penalty as detailed in clause 4 below. The Centre reserves the right to cancel the order and no payment will be made under such condition. Decision of the Centre in this regard shall be final and binding on the successful tenderers.

### 4. Penalty Clause:
The successful Tenderer shall strictly observe the time allowed for carrying out the job as detailed in clause No. 3. The job shall, throughout the stipulated period of the order be proceeded with all the diligence (time being deemed to be the essence of the order) and the successful Tenderer shall pay to the Centre, an amount equal to 1% of the amount of the order value for every week that the delivery may remain incomplete as per delivery schedule as stipulated in clause no. 3, subject to a maximum compensation of 10% of the order value and after that period appropriate action will be taken by the Centre, as it will deem fit.

The Centre may extend the time of delivery of the tendered job at its discretion on the application of the successful tenderer for such purpose provided that it considers the reasons for such extension as good, sufficient and acceptable.

### 5. Technical Specifications and Scope of work:
As per annexure “F”

### 6. Security Deposit:
The successful tender shall deposit 10% of the gross value of the work awarded, as refundable security deposit after adjusting the EMD already deposited with this NIT, which is to be paid Online or in the form of Bank Draft / Banker’s cheque by the tenderer in favour of ‘National Science Centre, Delhi’ as per Bank Details given in the Tender document. The Security Deposit of the successful tenderer shall be released as mentioned below (**Warranty period shall be 3 (Three years) from the date of final completion of the work / job**). In case the total value of order exceeds the assessed value of the work order, security deposit for the excess amount will also be deducted. No interest shall be paid on the security deposit retained with National Science Centre, Delhi.

The Security Deposit of the successful tenderer shall be released as follows:-

a) 25% after completing 1st year of warranty period.

b) 25% after completing 2nd year of warranty period.

c) 50% after completing 3rd year of warranty period

### 7. Payment Terms:

a) No advance payment shall be made by the Centre under any circumstances. However, interim payment shall be released at the discretion of the Centre on the following :-

i) Upto 50% payment may be released after supply of the entire equipment / materials at site.

ii) Balance 50% (Final) payment shall be released within 30 days from the date of receipt of Tax-Invoice duly supported by receipted challan and satisfactory inspection / work completion certificate from NSCD authority for the entire job and providing satisfactory operational training to NSCD officials.

b) Payment shall be released through NEFT/RTGS for which details of bank account shall be mentioned in their bill.
8. In case, the successful Tenderer refuses to accept the offer after finalization or does not comply with the Clause No.2 within 07 (Seven) days from the date of placement of the order as per the finalized and accepted terms and conditions, the order shall be cancelled forthwith without any further reference and the EMD will be forfeited.

9. **DEFECT LIABILITY PERIOD / WARRANTY PERIOD:** The Warranty/ Defect Liability period shall be **Three (3) years** from the date of certification of the completion of satisfactory installation and commissioning of the system. The successful tenderer shall be responsible for all defects of the installed equipment or other defects of equipment supplied, making good bugs in the hardware, etc. for a period of three years from the date of satisfactory completion of the installation and commissioning of the system. The successful tenderer, shall at their own cost, rectify the defects and or replace the defective parts/equipment, up to the complete satisfaction of the competent authority of the Centre.

10. Every effort should be made to complete the work by the successful Tenderer within the specified time schedule. In case the successful tenderer fails to comply with Clause No.3 i.e., the specified time schedule as per the finalized and accepted terms and conditions the Centre shall have the rights to either impose Penalty Clause or cancel the order forfeiting the EMD. The decision of the Centre in this regard shall be final and binding on the successful Tenderer.

11. Bad quality workmanship will not be accepted and if carried out is liable to be rejected and should be rectified by the successful Tenderer at his cost as per specifications and directions given by the authorized representatives of the Centre. The decision of the Centre, as to items of bad quality workmanship and proper rectification, will be final and binding on the successful Tenderers.

12. Specifications of the items under tender are enclosed for guidance. However, if any ambiguity in the specification is detected, it shall be promptly brought to the notice of the National Science Centre, Delhi for clarification. The successful bidder should obtain written approval from competent authority of NSC Delhi for any deviation from the approved specifications, if required due to site conditions or for betterment and safety of visitors and installations.

13. The successful Tenderer shall submit necessary trade and other licenses as may be required to carry on the tendered job and shall also be responsible for compliance at his/her own cost of all rules and regulations, enforced from time to time by the appropriate authorities.

14. The successful Tenderer shall not under any circumstances whatsoever transfer wholly or partly the contract/agreement/Purchase Order to any other person(s)/firm/company or assign the agreement or benefits of this agreement to any other party for any reason whatsoever. Otherwise the order/ agreement will automatically stand cancelled.

15. The authorities of NSC Delhi do not bind themselves to accept the lowest tender and reserves the right to accept or reject any or all tenders wholly or partially without assigning any reason whatsoever.

16. The authorities of the Centre, reserve the right to amend, alter or modify the terms and conditions mentioned above, if necessary, from time to time.
17. Income Tax and Work Contract Tax shall be deducted at source, if applicable, from each bill/claim of firm as per prevailing Government rules.

18. Incomplete offers, i.e. offers received without prescribed “General Terms & Conditions” & Technical Specifications” shall be rejected straightway without reference to the tenderer.

19. The agency must have valid GST/TIN/WCT/PAN number and attach a documentary proof with the Tender. Bidders are requested to enclose a copy of their valid certificate of PAN/ TAN/GST or any other document as requested by the Institute with their tender.

20. The agency shall take care of all statutory obligations as are required under the Contract Labour Regulation Act, etc.

21. The offer shall be valid for a minimum period of 3 months from the date of opening of the tender.

22. The agencies participating in the tender and bidding, may obtain on specific request, details about the outcome of the tender and other related details, if any.

23. Neither National Science Centre will not be liable for any injury or death of an employee who is deployed by the successful bidder within/outside the work site during the time of execution of the work order.

24. All disputes and differences between the successful tenderer and the Centre of any kind, except quality of workmanship and materials, whatever arising out of or in connection with the order on carrying out of the work (whether during the progress of the work or after their completion and whether before or after the determination, abandonment or breach of the terms and conditions of the order) shall be referred to the sole arbitration of a person nominated by the Director General, National Council of Science Museums, whose decision in this regard will be final and binding on both the parties – the successful Tenderer and the Centre.

The provisions of the Arbitration and Conciliation Act 1996 or any statutory modification or re-enactment thereof and of the rules made there under for the time being in force shall apply to arbitration’s proceedings under this Clause.
Technical Specifications & Scope of work:

Supply, Installation, Testing and Commissioning of Public Address System comprising of the following equipment and material for the Auditorium of SRSC, Palampur at site is in the scope of the Tenderer. The auditorium is of the capacity of 150 audiences approx. The detailed drawing of the auditorium with control room for keeping and controlling the equipment is enclosed. The supply cable, microphone cables and speaker cables properly enclosed in conduit pipe will pass through the false ceiling/under the wooden floor of the auditorium and the entire cable laying, conduit laying and providing power to the equipment of the system will be in the scope of tenderer. Any other miscellaneous item not mentioned below but is required for installation and commissioning of the PA system is in the scope of tenderer.

The quantities mentioned against different cables are an indicative; the actual quantities may vary slightly as per site conditions.

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of equipment</th>
<th>Specification</th>
<th>Qty.</th>
</tr>
</thead>
</table>
| 1.    | UHF Wireless microphone with receiver -handheld type with table top type base stand | **RECEIVER**  
Output Impedance:  
- XLR connector 200 Ω  
- 6.35 mm (1/4") connector: 50 Ω  
RF Sensitivity: 105 dBm for 12 dB SINAD, typical  
Image Rejection: >50 dB  
Power Requirements: 12–15 V DC supplied by external power supply  
**HANDHELD TRANSMITTER**  
Audio Input Level  
- gain 0dB: -20 dBV maximum  
- gain -10dB: -10 dBV maximum  
Gain Adjustment Range: 10 dB  
RF Transmitter Output: 10 mW  
**MICROPHONE**  
Microphone Type Dynamic (moving coil)  
Polar Pattern Cardioid (unidirectional)  
Frequency Response 60 to 15,000 Hz  
Output Impedance (at 1000 Hz) 300 ohms  
Environmental Conditions Operating temperature range: -29 to 57 Degrees Celsius (-20 to 135 degrees Fahrenheit), and at a relative humidity of 0 to 95%.  
Make: Shure, AKG, Ahuja |
| 2.    | 18” Gooseneck podium microphone with base stand & suitable power supply          | **Transducer** Condenser  
Polar Pattern Super cardioid  
Frequency Response 50 Hz to 17 kHz  
Dynamic Range (Typical) 96.2 dB, (@ 1 kW Load)  
Signal-to-Noise Ratio 67.5 dB, (Referenced @ 94 dB SPL) | 02   |
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.</td>
<td>Wall mount speakers with mounting assembly kit</td>
<td>Wall speakers (min. 90w rms) with LMT, wall mounting bracket and any other accessories needed for wall mounting. Make: Samson, Electrovoice, JBL, Ahuja</td>
</tr>
<tr>
<td>4.</td>
<td>Stage monitors</td>
<td>Wall mount type, two way, freq. response 55 – 20,000 Hz, compatible with other equipments of the system. Make: Samson, Electrovoice, JBL, Ahuja</td>
</tr>
<tr>
<td>5.</td>
<td>Amplifier</td>
<td>(350w+350w) two zone amplifier having 6-mic &amp; 2-aux inputs. Make: Ahuja, QSC, Yamaha</td>
</tr>
<tr>
<td>6.</td>
<td>Microphone cable with connectors</td>
<td>Two core 100%shielded microphone cable with connectors. Make: Falcon/ Chetan/ Krystal or equivalent</td>
</tr>
<tr>
<td>7.</td>
<td>Speaker cable with connectors</td>
<td>2.5mm x 2 speaker cable. Make: Falcon/ Chetan/ Crystal or equivalent</td>
</tr>
<tr>
<td>8.</td>
<td>6 channel PA audio mixer</td>
<td>Input Sensitivity -60dBm ~ -40dBm. Nominal Input Level MIC (-60dBm) Line (-20dBm) Eff (-20dB) Aux in (20dB). Frequency Response 20Hz-20KHz ±3dB. Power Supply AC 240V 50/60Hz. Provision for connecting the computer audio signal is desired in the proposed model. Make: Yamaha/ Sennheiser/ Soundcraft/ Behringer/ Ahuja</td>
</tr>
<tr>
<td>9.</td>
<td>Custom made AV Equipment Rack</td>
<td>Rust free, sleek body</td>
</tr>
</tbody>
</table>
For detailed drawing bidders may kindly visit www.nscd.gov.in
For detailed drawing bidders may kindly visit www.nscd.gov.in
ANNEXURE-H

BANK DETAILS OF NATIONAL SCIENCE CENTRE, DELHI

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td>Name of the Account Holder</td>
<td>NATIONAL SCIENCE CENTRE, DELHI</td>
</tr>
<tr>
<td>Account No.</td>
<td>2417101004100</td>
</tr>
<tr>
<td>Bank Name</td>
<td>CANARA BANK</td>
</tr>
<tr>
<td>Bank Address</td>
<td>6, Bhagwan Das Road, New Delhi</td>
</tr>
<tr>
<td>IFSC Code</td>
<td>CNRB0002417</td>
</tr>
<tr>
<td>MICR Code</td>
<td>110015045</td>
</tr>
<tr>
<td>Type of Account</td>
<td>Saving Account</td>
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<tr>
<td>Branch Code</td>
<td>2417</td>
</tr>
<tr>
<td>GST No.</td>
<td>07AAAAN2541C1Z5</td>
</tr>
</tbody>
</table>