

E-TENDER DOCUMENT

NAME OF THE WORK:

“Supply, Installation, Testing and Commissioning of Air Conditioning Units in Material Science Gallery at Regional Science City, Lucknow.”



Under

National Science Centre, New Delhi

Regional Science City

(NATIONAL COUNCIL OF SCIENCE MUSEUMS)

Sector-E (Ekta Vihar), Aliganj,

Lucknow-226024

INSTRUCTIONS TO THE TENDERERS/BIDDERS FOR E-SUBMISSION OF BIDS ONLINE THROUGH E-PROCUREMENT SITE <https://eprocure.gov.in/eprocure/app>

This tender document has been published on the Central Public Procurement (CPP) Portal (URL: <https://eprocure.gov.in/eprocure/app>). The tenderers/bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates (DSC). The instructions given below are meant to assist the tenderers/bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>

REGISTRATION

- 1) Tenderers/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 “Click here to Enrol” on the CPP Portal. Enrolment is free of Charge.

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

Tenderers/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.

Upon enrolment, the tenderers/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 / TCS / nCode / eMudhra etc.), with their profile.

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

Bidder then logs in to the site through the secured log-in by entering their user ID & password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

- (a) There are various search options built in the CPP Portal, to facilitate tenderers/bidders to search active tenders by several parameters. These parameters could include organization name, location, date, value, etc. There is also an option of ‘Advanced Search’ for tenders, wherein the tenderers/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.
- (b) Once the tenderers/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 tenderers/bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- (c) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- (a) Tenderer/bidder should take into account any corrigendum published on the tender document before submitting their bids. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and contents of each of the documents that need to be submitted.

- (b) Bidder, in advance, should get ready with the bid documents to be submitted as indicated in the tender document / schedule and generally they can be in PDF / XLS / RAR / DWF formats as mentioned. Bid documents may be scanned with 100 dpi with black and white option.
- (c) To avoid the time and efforts 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 tenderers/bidders. Tenderers/bidders can use “My Space” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting the bid just by tagging 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) Tenderer/bidder should log into the site well in advance for bid submission so that he/she up loads the Bid in time i.e. on or before the bid submission time as per the system. Bidder will be responsible for any delay due to other issues.
- 2) Tenderer/bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Tenderer/bidder has to select the payment option as “offline” to pay the Tender Fee & EMD and enter details of DD/any other accepted instrument.
- 4) Tenderer/bidder should prepare the TENDER FEE & EMD instrument as per the instructions specified in the tender document. Scanned copy of DD/any other acceptable instrument as mentioned towards EMD & Tender Fee should be uploaded while online submission of the tender and the original should be posted/couriered/given in person to the Tender Processing Section latest by the last date and time of bid submission or as specified in the tender documents. The details 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 Tender will be summarily rejected.
- 5) The Tender Inviting Authority (TIA) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the tenderers/bidders. The bidder should see that the bid documents submitted should be free from virus and if the documents could not be opened, due to virus, during tender opening, the bid is liable to be rejected
- 6) Tenderers/bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. The price bid has been given as a standard Rate Quote Sheet in .xls format with the tender document, which is to be downloaded and to be filled by all the tenderers/bidders. Tenderers/bidders are required to download the Rate Quote Sheet file, open it and complete the **green colored (unprotected)** cells with their respective financial quotes and other details (such as name of the Tenderer/bidder). No other cells should be changed. Once the details have been completed, the tenderer/bidder should save it and submit it online, without changing the filename. If the Rate Quote Sheet file is found to be modified by the tenderer/bidder, the bid will be rejected. In e-Tendering, intending tenderer/bidder can quote their rate in figures only. The total amount is generated automatically. Therefore, the rate quoted by the tenderer/bidder in figures shall be taken as correct. The Comparative Statement is also generated automatically by the system. The Comparative Statement and rate quoted by each tenderer/bidder shall be downloaded. The manual calculation check of tenders/bids and Comparative Statement, shall be final. In case, any discrepancy is noticed, the decision of appropriate NCSM authority shall be final and binding.
- 7) The server time (which is displayed on the tender's/bidder's dashboard) will be considered as the standard time for referring the deadlines for submission of the bids by the tenderers/bidders, opening of bids etc. The tenderers/bidders should follow this time during bid submission. The tenderers/bidders are requested to submit the tenders/bids through online e-tendering system to the **Tender Inviting Authority (TIA)** well before the bid submission end date & time (as per Server System Clock).

- 8) All the documents being submitted by the tenderers/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.
- 9) The uploaded tender documents become readable only after the tender opening by the authorized tender/bid openers.
- 10) Upon the successful and timely submission of tenders/bids, the portal will give a successful tender/bid submission message & a tender/bid summary will be displayed with the NIT/tender/bid no. or Name of Work and the date & time of submission of the tender/bid with all other relevant details.
- 11) The tender/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 tender/bid opening meetings.

ASSISTANCE TO TENDERERS/BIDDERS

- (a) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the **Tender Inviting Authority (TIA), National Science Centre for its satellite unit Regional Science City, Sector-E (Ekta Vihar), Aliganj, Lucknow-226024 Ph. 0522-2321804 Website: www.rscl.nscd.gov.in Email: rsclu89@rediffmail.com**
- (b) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed call to the 24x7 CPP Portal Helpdesk Ph. **1800-3070-2232.**

NOTICE INVITING e-TENDER

(e-NIT)

No. RSCL/1801/E-Tender-04/2019-20

Dated:28.10.2019

1. Name of the Museums /Centre: **Regional Science City, Lucknow under National Science Centre, New Delhi(TIA).**
2. Online e-tenders (Percentage Rate Bid) are hereby invited from reputed and experienced Engineering/Technical contractors capable of carrying out the work of **“Supply, Installation, Testing and Commissioning of Air Conditioning Units in Material Science Gallery at Regional Science City, Lucknow”** with excellent finishing quality and having adequate past experience during the preceding **five (5) years** in successfully executing the works of similar nature referred hereinabove having the following eligibility:-

I. 1 (one) similar completed work (for Central Government / State Government / Public Sector Undertaking / Railways / MES / Autonomous Body / MNCs / registered builders) of aggregate cost not less than 80% of the estimated cost during last 5 years.

OR

II. 2 (two) similar completed works (at least one of them should be for Central Government / State Government / Public Sector Undertaking / Railways / MES / Autonomous Body / MNCs / registered builders) each costing not less than 60% of the estimated cost during last 5 years

OR

III.3 (three) similar completed works (at least one of them should be for Central Government / State Government / Public Sector Undertaking / Railways / MES / Autonomous Body / MNCs / registered builders) each costing not less than 40% of estimated cost during last 5 years.

And

Agencies having valid GSTIN Registration Certificate/TIN & Income Tax PAN

3. The place of work: Regional Science City, Lucknow.

4. Important Information & Dates:

Estimated cost of work	₹3,42,000/-
EMD Amount	₹8,600/-
Period of completion of work	Three Weeks
Bid Document Publishing Date & Time	October 28, 2019 (17:00 Hr.)
Bid Document Download Start Date & Time	October 29, 2019 (10:00 Hr.)
Bid Document Download End Date & Time	November 11, 2019 (16:00 Hr.)
Bid clarification Start Date	October 29, 2019 (10:00 Hr.)
Bid clarification End Date	November 11, 2019 (14:00 Hr.)
Bid submission Start Date & Time	October 29, 2019 (10:00 Hr.)
Bid submission End Date & Time	November 12, 2019 (14:00 Hr.)
Bid Opening(Technical) Date & Time	November 13, 2019 (16:00 Hr.)

5. The intending tenderers/bidders must read the terms and conditions of REGIONAL SCIENCE CITY, LUCKNOW carefully. They should only submit their bid if they consider themselves eligible and if they are in possession of all the documents required.
6. Information and Instructions for tenderers/bidders posted on website shall form a part of the bid document.
7. The bid document consisting of plans, specifications, schedule of quantities of various types of items to be executed and the set of Terms and Conditions of the contract to be complied with and other necessary document can be seen and downloaded from <https://eprocure.gov.in/eprocure/appfree> of cost.
8. Out of the online bid documents submitted by intending tenderers/bidders, the technical bids of only those tenderers/bidders shall be opened, who have deposited e-Tender Document Fee as specified & Earnest Money Deposit as specified duly scanned, uploaded and found in order. And the financial bids of only those tenderers/bidders shall be opened when they uploaded documents are found to be in order.
9. Those contractors not registered on the website mentioned above, are required to get themselves registered beforehand.
10. The intending tenderer/bidder must have valid Class II or Class III Certificates with signing key usage (DSC) to submit the bid.
11. The e-Tenders are invited under two envelopes system. The first electronic envelope will be named as Technical Envelope & will contain documents of tenderer's/bidder's satisfying the eligibility conditions, scanned copies of tender document fees and EMD, NIT, etc. and the second electronic envelope will be named as Financial Envelope containing Rate Quote Sheet. The bidder shall submit TECHNICAL BID ENVELOPE and FINANCIAL BID ENVELOPE simultaneously. The technical bids will be evaluated first and thereafter financial bids of only the eligible tenderers/bidders shall be opened. These envelopes shall contain one set of the following documents:-
 - a) TECHNICAL BID ENVELOPE shall contain the following documents:
 - i) Scanned copy of Demand Draft/Pay order or Banker's Cheque of any Nationalised/ Scheduled Bank towards Earnest Money Deposit (EMD) in pdf format in favour of Regional Science City payable at Lucknow.
 - ii) Scanned copies proof of eligibility of specific WORK EXPERIENCE CERTIFICATES/ WORK COMPLETION CERTIFICATE along with Work Order/Letter of Intent issued by Govt. /Semi-Govt. /Autonomous/PSUs and/or Reputed Institution of requisite magnitude with appropriate Authority as per the NIT in .pdf format.
 - iii) Scanned copy of UNDERTAKING (as per Annexure – "C") duly signed with company seal in pdf format which also includes the undertaking that "The physical EMD shall be deposited by me/us with the office of REGIONAL SCIENCE CITY calling the bid before the bid opening date otherwise the department may reject the tender/bid and also take action to withdraw my/our enlistment/debar me/us from further tendering in NCSM or any of its constituent units."

- iv) Tender Document comprising of Schedule of Quantities/specification and drawing in pdf format (TENDERXXXXX.pdf file) digitally signed.
 - b) FINANCIAL BID ENVELOPE shall contain:
 - (i) Rate Quote Sheet BOQ Template in .XLS format.
12. E-tenders which do not fulfil any of the above conditions or are incomplete in any respect are liable for summary rejection.
 13. The Museum/Centre does not bind itself to accept the lowest e-tender/bid and the right to reject or accept any or all the e-tenders/bids; e-tendered items or schedules received without assigning any reason whatsoever.
 14. Canvassing in connection with e-tenders/bids is strictly prohibited and the e-tenders/bids submitted by the tenderers/bidders who resort to canvassing will be liable for rejection on that ground alone.
 15. E-tenders incorporating additional conditions are liable to be rejected.
 16. The tenderer(s) must declare in writing that neither he nor any of them is in anyway related to any officer in the Regional Science City, Lucknow (National Council of Science Museums, Kolkata), or any of its constituent units as per the format given in Annexure – “A”
 17. GST, Income Tax or Labour Cess etc. or duties on materials, freight & transit Insurance F.O.R. site in respect of this contract will be payable by the successful tenderer. Nothing extra will be payable for increase in such taxes or duties even if imposed or levied either before or after the e-tenders are opened or during currency of contract.
 18. Before submitting the e-tender, the tenderer shall examine all specifications, drawings, conditions of contract and inspect the site if necessary. The e-tender must be balanced in respect of individual items so that the rates quoted shall remain in force even if the quantities deviate (increase or decrease) to any extent before or during the execution of the work. The successful tenderer/bidder shall be paid at their net rate quoted.
 19. For the purpose of opening of the e-tenders/bids as described in Clause 11 of the Notice Inviting e-tender it is clarified that only on receiving the (i) tender document fee and (ii) EMD, physically in Regional Science City, Lucknow before the bid opening date, the Technical Bid Envelope will be opened. After the authority is satisfied that the documents in the Technical Bid Envelope are in order, the FINANCIAL BID ENVELOPE may be opened, subsequently.
 20. It may be noted that the Technical Bid Envelope which are not found in order as per Regional Science City, Lucknow (NCSM) requirements may be summarily rejected.
 21. Earnest Money is liable to be forfeited if the successful e-tenderer/bidder selected for the work fails to sign the formal agreement within 07 days from the date of issue of Letter of Intent to them by the Museum/Centre.
 22. The successful tenderer will be issued a Letter of Intent by the Museum/Centre and given one week mobilization time, unless and otherwise indicated in the letter of intent, which shall be counted from the date of issue of the Letter of Intent. During the mobilization time the tenderer must obtain clarification if any from the Museum/Centre wherever necessary. During the

mobilization time the tenderer shall also mobilize all his resources including men and materials, for the awarded work. The date of commencement of work shall be the date of Letter of Intent.

23. The validity period of the e-tender shall be at least 03 (THREE) months from the date of opening of e-tenders. This period may be extended with mutual consent if the decision regarding issue of Letter of Intent is delayed for any reason.
24. No advance payment will be made at any stage by the Centre. However, on successful completion of the entire work the full and final payment will be released within 30 days from the receipt of pre-receipted bill in duplicate, duly certified for the satisfactory completion of the work.
25. Bad workmanship will not be accepted and if carried out is liable to be rejected and should be rectified by the successful tenderer at his/their own cost as per specifications and directions given by the authorized representative of the Centre. The decision of the Centre, as to items of bad workmanship and proper replacement/rectification will be final and binding on the successful tenderer.
26. The Successful tenderer selected for the work shall be required to execute an agreement in the specified format on a non-judicial stamp paper of appropriate value.
27. The equipment installed for the above work should be free from any manufacturing/fabrication defects/ defective workmanship and the tenderer should provide one year free onsite warranty/ guarantee for equipment and its accessories executed under the agreement including refrigerant gas filling in case of any gas leakage during the defect liability period.
28. The successful tenderer selected for the work shall provide the following documents after execution of work:
 - a) Operation and maintenance manual of the Air conditioning unit.
 - b) .Warranty/Guarantee cards for the machines
29. All the minor civil works like wall puncturing, making good of cement work etc. is to be done by the tenderer.
30. Penalty Clause: The time allowed for carrying out the works as detailed in clause no.4 shall be strictly observed and adhered to by the successful tenderer. The work shall throughout stipulated period of the contract, be proceeded with diligence (time being deemed to be the essence of the contract).In case of failure to complete the job within the scheduled period, One percent per week of the total cost of work awarded subject to maximum of 10% of gross value of work done or cost of work awarded whichever is higher.
31. 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 the carrying out the work 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 successful tenderer and the Centre. The provision of the Arbitration and Conciliation Act 1996 or any statutory modification or re-

enactment thereof and of rules made hereunder for the time being in force shall apply to arbitrations proceeding under this council.

APPENDIX

Defect liability period	One year from the date of virtual completion as certified by the Museum/Centre.
Time of completion	21 Days from the date of Letter of Intent as per NIT Clause 4 read with NIT Clause 23.
Earnest money	Rs. 8,600/- (being 2.5% of the estimated cost of works.
Retention money	Total : 10% as per the following detail- i. EMD:2.5% of the tender value to be deposited with tender (ref. clause No. 4 of NIT) ii. Performance guarantee: 5% of tendered value to be deposited on award of work before signing of agreement through Demand Draft issued by a Nationalised Bank. It is to be noted that the Performance guarantee is to be drawn in favour of the REGIONAL SCIENCE CITY payable at LUCKNOW. iii. Retention Money: 2.5% of the bill value to be deducted from each R.A. Bill during the progress of work.
Liquidated damages for non-completion of work in time	One percent per week of the total cost of work awarded subject to maximum of 10% of gross value of work done or cost of work awarded whichever is higher.
Validity period of e- tender	Three months from the date of opening of tender
Period of submitting final bill of the contractor	one month from the date of virtual completion

CHECK LIST

Check list of Tender No. RSCL/1801/E-Tender-04/2019-20 for Supply, Installation, Testing and Commissioning of Air Conditioning Units in Material Science Gallery of Regional Science City, Lucknow-226 024.

S. No.	Description	Yes	No
1	Whether E-Tender uploaded in Two parts (i.e. Technical & Commercial) separately. Please note that one set of original signed bid must be delivered at RSC, Lucknow before the time of opening Technical Bid.		
2	Whether Tender documents carefully studied & understood.		
3	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.		
4	Whether Earnest Money of ₹8,600/- submitted by 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 RSC, Lucknow. Details shall be sent to RSCL before the opening time of Technical Bid.		
5	Whether Scanned copies for proof of eligibility of specific WORK EXPERIENCE CERTIFICATES/ WORK COMPLETION CERTIFICATE along with Work Order/Letter of Intent issued by Govt. /Semi-Govt. /Autonomous/PSUs and/or Reputed Institution of requisite magnitude with appropriate Authority as per the NIT in .pdf format has been attached.		
6	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 A		
7	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 B		
8	Whether undertaking certifying that works will be executed strictly as per laid technical specification and terms & conditions as mentioned in tender document. Annexure C		
9	Did you visit the actual site for execution of the work?		

Date:

**Signature of the Tenderer
With official Seal**

Place:

FORMAT FOR ARTICLES OF AGREEMENT
INSTRUCTIONS
(not to be typed in Agreement)

(Articles of Agreement have to be typed on non-judicial stamp paper. The value of the stamp paper varies from state to state and is to be known from the particular place. The stamp paper will be purchased by the successful e-tenderer and the agreement may be typed by the Museum/Centre according to the format.)
ARTICLES OF AGREEMENT made at-----

(Place)

This----- day of -----
(Date) (Month & Year)

Between the-----

(Name of the parent Museum/Centre)
(under the National Council of Science Museums, a Society registered under the Societies Registration Act of West Bengal, 1961), hereinafter referred to as the Museum/Centre which expression shall include its successors and assigns on the one part and-----

(name of the successful e-tenderer)

trading in the name and style of -----

(Name and complete address of the successful e-tenderer)

hereinafter referred to as the successful e-tenderer which expression shall include his/their respective heirs, executors, administrators and assigns on the other part.
WHEREAS the Museum/Centre is desirous of getting the work of-----

-----herein done and has caused

(Name of the work)

Notice Inviting E-tender (Including appendix), drawings, schedule of quantities and specifications describing the work and conditions of contract to be prepared by-----

(Name and address of the Architect).

AND WHEREAS the said NIT (including appendix) drawings as per list attached, specifications and the priced schedule of quantities and conditions of contract have been signed by or on behalf of the parties hereto. AND whereas the Successful e-tenderer has deposited in Cash or Bank Draft/Bank Guarantee a sum of Rupees -----

(*exact amount in words*) the amount being 2.5% of the estimated value of the e-tender rounded off to the nearest hundred) with the Museum Centre as Initial Security for the due performance of this Agreement as provided in the said conditions. In the case of Bank Guarantee, the period of Bank Guarantee referred to being valid until the defect liability period as specified in e-tender and to be revalidated to required dates as demanded by the Museum/Centre if completion date is extended.

NOW IT IS HEREBY AGREED AND DECLARED BY AND BETWEEN
THE PARTIES HERETO AS FOLLOWS:

1. In consideration of the payments to be made to him as hereinafter provided the contractor shall upon and subject to the conditions herein contained execute and complete.
The work within Weeks/months from the date of commencement of work (see NIT clause 4) and as per the said drawings and such further detailed drawings as may be furnished to him from time to time and described in the said specifications and the said priced schedule of quantities along with the progress of the work.
2. The Museum/Centre shall pay to the Contractor such sum as shall become payable hereunder at the time in the manner specified in the said conditions.
3. Time is the essence of this Agreement and the Contractor shall pay or allow the Museum/Centre the sum equivalent to one percent of the total cost of work awarded per week subject to a limit of 10% of the total cost of work as liquidated damages for the period during which the said works shall remain incomplete beyond the time allowed in clause 1 above or beyond the time duly extended in writing as per said conditions .The Museum/Centre may deduct such damages from any money due to the contractor.
4. The Notice Inviting Tender (including Appendix), Conditions of Contract, Priced Schedule of Quantities, drawings and specifications shall form the basis of this agreement and the decision of the Museum/Centre in reference to all matters or dispute as to material and workmanship shall be final and binding on the contractor.
5. The Museum/Centre reserves to itself the right of altering the drawings and of adding to or omitting any item of work or of having portions of the same

carried out departmentally or otherwise and such alternations or variations shall not vitiate this agreement.

6. This agreement comprises the work above and all subsidiary works connected therewith, even though such works may not be shown on the drawing or described in the said specifications or the Priced Schedule of Quantities.

7. All disputes and differences of any kind, except quality of workmanship and materials used in work, whatever arising out of or in connection with the contract on the carrying out of works (whether during the progress of the work or after their completion and whether before or after the determination, abandonment or breach of the contract) shall be referred to arbitration as per Clause 31 of the said conditions of contract

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 proceedings under this clause.

In witness whereof the parties have set their respective hands the day and the year hereinabove written.

Signed by for and on behalf of the Museum/Centre

(Dy Controller of Administration)

In the presence of

1. -----

Seal (Dy Controller of Finance)

2. -----

(Project Co-coordinator/Engineer)

Signed by the said Successful e-tenderer -----In
the presence of

(1)-----

Seal

(2)-----

Special terms and conditions.

1. The quantities given in the BOQ are purely provisional. The same may vary to any extent as per the actual requirement from time to time during the course of Contract.
2. The rates quoted by the tenderer shall be inclusive of GST. The GST component would be deemed to be included in the rates quoted by the agency. However the agency would submit their GST invoice while submission of their bills mentioning the GST component separately in the tender with break up SGST, CGST and/or IGST. The e-tenderer needs to mention clearly the GSTIN of the company in the PQ document of the tender. Any other tax, Labour Cess etc. or duties on materials, freight & transit Insurance F.O.R. site in respect of this contract will be payable by the successful tenderer. Nothing extra will be payable for increase in such taxes or duties even if imposed or levied either before or after the e-tenders are opened or during currency of contract including GST.
3. No additional payments shall be made for any escalation in labour, material and taxes etc, during the period of contract.
4. Any defects in the works done by the contractor are to be rectified by the contractor immediately after the same is brought to the notice.
5. Retention money @ 10% of the gross value of work done, including the EMD and PG shall be Payable by the contractor. The same shall be refunded after satisfactory completion of defect liability period of one year.
6. The contractor shall take all safety measures to ensure the safety of his workmen, the public and other properties of the centre while carrying out the work and this Centre shall not be held responsible for any untoward incident.

Annexure – “A”

(Format for Declarations & Undertaking to be typed on bidder agency’s letterhead and to be submitted in Part –I (TECHNICAL ENVELOPE) of the e-tender document)

DECLARATION –I

This is to certify that neither I/we/any of us/is in anyway related to any employee in the National Council of Science Museums, Kolkata, or any of its constituent units.

Date:

(Signature of the tenderer)
with company seal/rubber stamp

Place:

Annexure – “B”

(Format for Declarations & Undertaking to be typed on bidder agency’s letterhead and to be submitted in Part –I (TECHNICAL ENVELOPE) of the e-tender document)

DECLARATION –II

I/We hereby declare that I/we have not quoted any extra condition along with the Part-II (FINANCIAL ENVELOPE) of the e-tender.

Date:

(Signature of the tenderer)

with company seal/rubber stamp

Place:

(Format for Undertaking to be typed on bidder agency’s letterhead and to be submitted in Part –I (TECHNICAL ENVELOPE) of the e-tender document)

UNDERTAKING

This is to certify that I/we have carefully gone through the drawings/specifications, etc. given in the e-tender document & have clearly understood the site working conditions, time schedule given and have accordingly quoted my balanced rates after going through all details.

I/we hereby give an undertaking that I/we shall carryout the work strictly as per the given specifications, and shall complete the same within the stipulated time frame.

I/We also undertake that the physical EMD instrument shall be deposited by me/us with the office of REGIONAL SCIENCE CITY, LUCKNOW inviting the e-tender before the bid opening date otherwise the REGIONAL SCIENCE CITY, LUCKNOW inviting the e-tender may reject the bid and also take action to withdraw my/our enlistment or debar me/us from further tendering in NCSM or its constituent units.

Date:

(Signature of the tenderer)
with company seal/rubber stamp

Place

Specification of 3.0 Tr Three phase Mega Hi wall type Split Air conditioning unit with

Cooling Capacity:	3.0 Ton
Star Rating-As per BEE:	Non Star
Indoor Unit (Voltage/Frequency/Phase):	230v/50Hz/1 Ph
Outdoor unit (Voltage/Frequency/Phase):	415 V/50 Hz/3 Ph
Cooling Capacity (Watt):	36000
Power Input (Watt):	3300
EER (BTU Per Hour/Watt):	10.9
Running Current Per Phase (Amps):	6.5
Air Flow Volume (CFM) (H/M/L):	770/690/550
Compressor Type:	Reciprocating/ Scroll/Twin Rotary
Indoor Noise Level:	Db(A) 52 to 44
Nominal Airflow:	470 to 330 CFM
Moisture Removal:	4.73 Lt/hr
Remote:	LCD with Backlit
Condenser coil:	Inner grooved copper, anti-corrosive fins
Cooling Coil:	Inner grooved copper, hydrophilic fins
A.C m/c Make:	Voltas/Bluestar/Daikin/Hitachi/ Carrier/Mitsubishi Electric
Air Sweep:	Auto
Refrigerant:	R-22/R-410/ R-32
Suction line outer diameter Inch (mm):	5/8'' (15.88)
Liquid line outer diameter Inch (mm):	3/8'' (9.52)
Copper pipe line Insulation Make & thickness:	Superlon/or Equivalent -9.0mm
Copper pipe Make:	Max flow/ Totline/ Mandev/Rajco

Bill of Quantities

Name of work: Supply, Installation, Testing & Commissioning of 3.0 Tr Mega three phase Hi wall Split Air conditioning units for Material Science Gallery at Regional Science City, Lucknow.

S. No.	Description	Unit	Qty	Rate	Amount in Rs
1	Supply installation testing and commissioning of Non star rating Mega Hi wall split Air conditioning units consists of 1 outdoor unit 3.0 Tr each of 415Volts, 50 Hz, 3 phase , one indoor unit 230Volts , 50 Hz, single scroll /Reciprocating compressor, theromsensor temperature control Timer setting, Auto air swing, multifunction cordless remote, with R-22/R-410/R-32 refrigerant, Make: Voltas, Blue Star, LG, Daikin, Hitachi, Carrier, Mitsubishi Electric, Lloyd	Nos.	5	62500.00	312500.00
2	Supply and fixing of copper pipe line with good quality high density PU foam insulation cover with Glass cloth all complete as per standard specifications and practice, with proper saddling (SS saddle) on wall/terrace including making good the damages with cement mortar 1:2:4 on walls/floor with similar finish. (Payment will be made on actual measurement) copper line size for 3.0 Tr. Mega Hi-Wall type split air-conditioning unit is 5/8" and 3/8" (suction line and liquid line respectively) copper line make Totaline/maxflow/Mandev.	RMT	50	700	35000.00
3	Supply and fixing of wall/ floor mounting brackets suitable for holding the outdoor units structure made of 40x40x5mm M.S angles for installation of outdoor unit with anti-vibration pad including grouting on wall /floor etc as may be required depending upon site condition and as per the instruction. Grouting to be done by cutting necessary holes and grouting with M-12 anchor fasteners/ cement concrete 1:2:4 and making good the damages with similar finish, two coats of synthetic enamel paint over a coat of metal primer.	Nos.	5	2000.00	10000.00

4	Supply and laying of control cable of 1.5sqmm 3 core along with suitable PVC conduit for indoor unit to outdoor along with the suitable PVC conduit make : plaza, kalinga, finolex and approve make (Payment will be made as per actual execution)	RMT	50	110.00	5500.00
5	Providing and laying heavy gauge CPVC pipes 25/32mm with elbow, tee sockets, for condensate water drainage from indoor unit to nearest drain point complete with saddling/chasing on wall wherever required and making good the wall surface as directed by engineer in charge. make: National, supreme, prince or equivalent (Payment would be made as per actual measurement)	RMT	30	100.00	3000.00
6	Buyback of old 3.0 Tr. Mega Hi wall Split unit with as on where basis complete with indoor & outdoor including copper piping, outdoor stand etc.	Nos.	5	-4800.00	-24000.00
Total amount inclusive of GST					342000.00

NOTE:

1. Tenderers should visit the site before quoting the rate to understand the nature of work and condition of the site.
2. Rate quoted will be considered as inclusive of taxes, GST, duties, and delivery at Regional Science City, Lucknow labour charges for installation including civil work like making hole, mending good damages for completing the work etc.at site unless otherwise specified in Rate Quote Sheet.
3. Liquid and suction pipe shall be measured together as distance between indoor unit to outdoor unit.
4. The works shall be required to be carried out without obstructing the visitor's movements and may also be required to carry out beyond office hours for which no additional payment shall be made.
5. All materials must be approved by the Engineer-in- Charge before supply at site.
6. The work will be carried out after following all respective precautionary measure and safety rules.
7. The lowest will be the tenderer who is lowest in over all work.