
E-TENDER DOCUMENT

NAME OF THE WORK:

“Supply, Installation, Testing and Commissioning of Inverter type all-weather 2.0 Tr Hi wall mounted split Air conditioning units for Innovation Hall at 1st Floor of Sub Regional Science Centre, Almora.”

TENDER INVITING AUTHORITY

**National Science Centre
(A unit of National Council of Science Museums)
Near gate No. 4, Pragati Maidan
Bhairon Marg, New Delhi – 110001**



Ministry of Culture
Government of India



NATIONAL COUNCIL OF SCIENCE MUSEUMS

**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 uploads 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, Near Gate No. 01, Pragati Maidan, Bhairon Road, New Delhi- 110001 Ph.0-7428693710,0-742869311,0-7428693712,0-7428693713,0-7428693713**
Website:www.nscd.gov.in **Email:**nscdelhicivilsection@gmail.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)

Tender No. NSCD/15014/e-tender/05/13/2023-24

Dated 14.12.2023

1. The National Science Centre, Delhi is a constituent unit under the National Council of Science Museums, Kolkata* (*hereinafter referred to as the Museum/Centre)
2. Online e-tenders are hereby invited from reputed authorized distributors/dealers having after sale service facility for Supply, Installation, Testing and Commissioning of Inverter type all-weather 2.0 Tr Hi wall mounted split Air conditioning units for Innovation Hall at Sub Regional Science Centre Almora with excellent finishing quality and having the following eligibility:-
 - i) 1(one) similar completed work (in Central Government/ Central Autonomous Bodies/ State PWD/ Central Public Sector Undertakings) of aggregate cost not less than 80% of the estimated cost during last three years.

OR
 - (ii) 2(two) similar completed works (at least one of them should be in Central Government / Central Autonomous Bodies/ State PWD / Central Public Sector Undertakings) each costing not less than 50% of the estimated cost during last three years.

OR
 - ii) 3(three) similar completed works (at least one of them should be in Central Government / Central Autonomous Bodies/ State PWD/ Central Public Sector Undertakings) each costing not less than 40% of estimated cost during last three years.
 - iii) Online e-tenders are hereby invited from the place of work would be Sub Regional Science Centre, Almora.
3. The place of work would be **Sub Regional Science Centre Almora Village Sunoli, P.O: Shyalidhar Almora Ranikhet Road Uttrakhand- 263601**
4. Important Information & Dates:

Estimated cost of work	6,82,553/-
EMD Amount	17,100/-
Period of completion of work	Six Weeks
Bid Document Publishing Date & Time	December 14, 2023 (5.30 PM)
Bid Document Download Start Date & Time	December 14, 2023 (6.30 PM)
Bid Document Download End Date & Time	January 04,2024 (5.00 PM)
Bid submission Start Date & Time	December 15,2023 (10.30 AM)
Bid submission End Date & Time	January 04 ,2023 (6.00 PM)
Bid Opening(Technical) Date & Time	January 05, 2023 (3.00 PM)

Name of the work: Supply, Installation, Testing and Commissioning of Inverter type all-weather 2.0 Tr Hi wall mounted split Air conditioning units for Innovation Hall at Sub Regional Science Centre, Almora.

5. The intending tenderers/bidders must read the terms and conditions of NATIONAL SCIENCE CENTRE, DELHI 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 scan 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 of 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 the 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 National Science Centre payable at Delhi. In the case of payment by NEFT/RTGS, the transaction details are to be provided in the form of screen shot taken at the time of payment in pdf format. The bidders registered with National Small Scale Industries Corporation (NSIC)/ MSME for the Tendered item under single point registration scheme and desirous of claiming exemptions available to such units on EMD, should submit a copy of each of their valid NSIC/ MSME certificate. Bidders claiming exemption of EMD under this rule (170 of GFR) are however required to submit a signed Bid securing declaration as per format given in **Annexure – D.**
 - ii) Scanned copies of proof of eligibility as per 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 – A, B & 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 National Science Centre 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.
- v) Catalogue, specification details should accompany the tender as part of the technical bid.
- vi) Scanned copy of GST & PAN in the name of the agency/Proprietor.
- vii) Scanned copy of IT Return of the last two financial year.
- viii) Scanned copy of audited Annual turnover of the agency.
- ix) Scanned copy of valid Registration Certificate as a company/firm.
- 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 National Science Centre, Delhi (National Council of Science Museums, Kolkata), or any of its constituent units as per the format given in Annexure – “A”
17. GST or any other tax. 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 EMD, physically in National Science Centre, Delhi 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 National Science Centre, Delhi (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. The entire work is to be completed within six (6) weeks.
 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, liquidated damages at One percent per week of the total cost of work awarded shall be levied subject to maximum of 10% of gross value of work done or cost of work awarded whichever is higher.

31. Make in India (MII) The tender abide with GOI order date 15th June 2017 to give purchase preference to make in India (MII) product mentioned in order. Document link as follows:
https://dpiit.gov.in/sites/default/files/publicProcurement_MakeinIndia_15June2017.pdf
32. **Force Majeure :-** In the event of either party being rendered made by Force Majeure to perform any obligation required to be performed by them under the contract, the relative obligation of the party affected by such Force Majeure shall be suspended for the period during which such cause lasts. The term “Force Majeure” as employed herein shall mean acts of God, War, Civil Riots, Fire directly affecting the performance of the contract, Flood and Acts and Regulations of respective government of the two parties namely the M/s -----and NCSM. Upon the occurrence of such cause and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify the other party in writing, the beginning of the causes amounting to Force Majeure as also the ending of the said clause by giving notice to the other party within 72 (Seventy two) hours of the alleged beginning and ending of the cause respectively. If performance under this agreement is suspended by Force Majeure conditions lasting for more than two months, either party shall have the option of cancelling this agreement in whole or par at its discretion without any liability on its part. Time for performance of the relative obligation suspended by Force Majeure shall stand extended by period for which such cause lasts.
33. 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	Six weeks from the date of Letter of Intent as per NIT Clause 4 read with NIT Clause 23.
Earnest money	Rs. 17,100/- (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: 3% of tendered value (After adjusting 2.5 % EMD deposited with tender) to be deposited on award of work before signing of agreement through Demand Draft drawn on any Nationalised Bank/Certified Cheque from a Nationalised Bank or insurance surety bond or fixed deposit receipt or bank guarantee or online transaction in the account of NSCD as per annexure-I. iii. Security deposit : 7 % of the value of work done to be recovered from R.A. Bills
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

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 32 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

Seal (Dy Controller of Administration)

In the presence of

1. -----

Seal (Controller of Finance & Accounts Officer)

2. -----

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

(1)-----

Seal

(2)-----

Bill of Quantities

Name of work: Supply, Installation, Testing & Commissioning of Inverter type all –weather 2.0 Tr Hi wall mounted Split Air conditioning unit for Innovation Hall at Sub Regional Science Centre, Almora.

S.No.	Description of work	Qty	Unit	Rate inclusive of GST	Estimated Amount inclusive of GST
1	SITC of Inverter Type all –weather 2.0 Tr Hi wall mounted Split Air-conditioning unit, cooling/ Heating with 3-star rating having copper condenser & cooling coil, Refrigerant R- 410-A/R-32 one indoor unit, one outdoor unit 230 V /50 Hz single phase with single Inverter Type Rotary compressor, Thermo sensor temperature control, 4-way Air direction timer setting, Auto air swing, including 3.5-meter copper pipe, PVC hard drain pipe and wire including heavy duty powder coated wall mounted M.S stand for holding the outdoor unit. Multifunction remote. Make: Blue Star/ Voltas/LG/Hitachi/Lloyd/or OEM(Note:- Each bidder has to provide OEM'S authorization letter pertaining to this work at the time of bid submission	Nos	8	60087.50	480700.00
2	Supply and fixing of additional Copper pipe line with good quality high density PU foam insulation pipe covering with tap all complete as per standard specification and practice with proper saddling (S.S Saddle) on wall including making good the damages with cement mortar 1:2:4 on walls /floor with similar finish Copper line of required sizes as per OEM complete set (Liquid line & Suction line) together will be considered for one measurement Make: Totaline/ Rajco/ Maxflow/ Mandev. (Payment will be made as per actual execution)	RMT	100	747.50	74750.00
3	Supplying and drawing 4core 2.5 sq mm size of FR PVC insulated copper conductor single core cable in the surface/ recessed steel/ PVC conduit of 25 mm as required for indoor unit to outdoor unit along with suitable PVC conduit Make- Hawells/ Polycab/ Finolux and approved make (Payment will be made as per actual execution)	RMT	100	323.46	32346.00
4	Supply and lying of copper cable of 2 x 2.5 + 1 x 2.5 sq. mm for power distribution board to indoor unit switch & socket along with suitable PVC conduit/ casing capping Make-. Hawells/ /Polycab//Finolux and approved make (Payment will be made as per actual execution)	RMT	150	273.12	40968.00
5	Supply and fixing ISI mark Extra PVC pipe 25mm dia with elbow, tee socket for condensate water drainage. Make: National /Supreme/Prince or equivalent (Payment will be made as per actual execution)	RMT	60	171.06	10263.60

Name of the work: Supply, Installation, Testing and Commissioning of Inverter type all-weather 2.0 Tr Hi wall mounted split Air conditioning units for Innovation Hall at Sub Regional Science Centre, Almora.

6	Supply & fixing of following sizes of XLPE insulated Aluminium conductor strip/ wire Armoured; overall PVC sheathed 1.1 KV grade cables conforming to relevant IS-7098 Code and technical specifications.				
	3½ X 35 sq. mm (32mm)	RMT	40	684.27	27370.80
7	Supplying and fixing 6 way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. INCOMING ONE -63 Amp TPN MCB C type, Outgoing 10 Nos 20 Amp SP MCB C type complete D.B including TPN MCB etc.	Nos	1	8817.17	8817.17
8	Supply & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing of 25 amp modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required with 20A 3 pin plug top (Switch & socket to be fixing near indoor unit)	Nos	8	731.55	5852.40
9	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
	3½ X 35 sq. mm (32mm)	Set	4	371.24	1484.96
				Total Rs.	6,82,552.93
				Say	6,82,553.00

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 all taxes, duties, and delivery at Sub Regional Science Centre, Almora 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

Name of the work: Supply, Installation, Testing and Commissioning of Inverter type all-weather 2.0 Tr Hi wall mounted split Air conditioning units for Innovation Hall at Sub Regional Science Centre, Almora.

Specification of Inverter type all -weather 2.0 Tr Hi wall type Split Air conditioning unit with heating & cooling

Cooling Capacity (Min-Max)(Watt):	6400(2800-7000)
Heating Capacity (Min-Max)(Watt):	6800(2900-7200)
Power supply:	220 V/1PH/50Hz
Cooling Power Input (Min-Max)(Watt):	1985(350-2500)
Heating Power Input (Min-Max)(Watt):	1930(350-2700)
Star Rating:	3
Compressor:	Inverter Rotary
Indoor Noise Level:	DbA 42 to 32
Nominal Airflow:	470 to 330 CFM
Moisture Removal:	2.0 to 2.5 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/Blue Star/LG/Hitachi / Lloyd or OEM.
Air Sweep:	Auto
Refrigerant	R-410A/R-32

BANK DETAILS OF NATIONAL SCIENCE CENTRE, DELHI

Name of the Account Holder	NATIONAL SCIENCE CENTRE, DELHI
Account No.	2417101004100
Bank Name	CANARA BANK
Bank Address	6, Bhagwan Das Road, New Delhi
IFSC Code	CNRB0002417
MICR Code	110015045
Type of Account	Saving Account
Branch Code	2417

Annexure – A

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

DECLARATION -1

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:

Place:

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

DECLARATION -2

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:

Place:

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

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 also undertake that the physical EMD instrument shall be deposited by me/us with the office of NATIONAL SCIENCE CENTRE, DELHI inviting the e-tender before the bid opening date otherwise the NATIONAL SCIENCE CENTRE, DELHI 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.

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.

Date:

Place:

**(Signature of the tenderer/ bidder)
With company seal/rubber stamp**

Name of the work: Supply, Installation, Testing and Commissioning of Inverter type all-weather 2.0 Tr Hi wall mounted split Air conditioning units for Innovation Hall at Sub Regional Science Centre, Almora.

(To be submitted on Agency's Letter head in the Portal as well as hard copy)

Ref:

Date:

DECLARATION

We, M/s., hereby solemnly declare as

follows, in respect of the Tender No. :-

- a) That, we have downloaded all the documents from CPP e-Procurement Portal of NIC and all the uploaded information / statements are true to the best of our knowledge.
- b) That, our firm is not involved in any Litigation or Arbitration with NCSM/ National Science Centre, Delhi during the last 05 (five) years.

Date:

Place:

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

ANNEXURE – C

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

[Department User may ask for Tender Acceptance Letter instead of asking Signed Tender Document from the Bidders. This is a sample format; User may revise it as per their Tender Conditions]

Date:

To,

Acceptance of Terms & Conditions of Tender.

Tender Reference No:

Name of Work:

Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned ‘ Tender/Work’ from the web site(s) namely:

as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organization too has also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
6. I / We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

(Signature of the tenderer/ bidder)
With company seal/rubber stamp

Name of the work: Supply, Installation, Testing and Commissioning of Inverter type all-weather 2.0 Tr Hi wall mounted split Air conditioning units for Innovation Hall at Sub Regional Science Centre, Almora.

ANNEXURE - D

National Science Centre
Near gate No. 4, Pragati Maidan
Bhairon Marg, New Delhi – 110001
(A constituent unit of National Council of Science Museums)

Bid Securing Declaration Form

Date -----

Tender No.-----

I/We. The undersigned, declare that:

I/We undersigned that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from date of notification if I am/We are in a breach of any obligation under the bid conditions, because I/We

- a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i)fail or refuse to execute the contract , if required, or (ii) fail or refuse to furnish the performance Security, in accordance with the instructions to bidders.

I/We understand that this Bid Securing Declaration shall cease to be valid if I am/ we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my /our Bid.

Signed : (insert signature of person whose name and capacity are shown)

In the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on-----day of ----- (insert date of signing)

Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

Name of the work: Supply, Installation, Testing and Commissioning of Inverter type all-weather 2.0 Tr Hi wall mounted split Air conditioning units for Innovation Hall at Sub Regional Science Centre, Almora.