

E-TENDER DOCUMENTS  
FOR  
CABINET FABRICATION WORK  
OF GALLERY ON  
“INDIAN REVOLUTIONARIES”  
AT  
CHANDRASHEKHAR AZAD PARK,  
KAMLA NEHRU ROAD,  
PRAYAGRAJ – 211002,  
UTTAR PRADESH



**NATIONAL SCIENCE CENTRE**  
**(NATIONAL COUNCIL OF SCIENCE MUSEUMS)**  
**NEAR GATE NO – 2, PRAGATI MAIDAN**  
**NEW DELHI – 110 001**  
**CHECK L I S T**

Check list of Tender No. **NSCD/18011/E-Tender-No – 38 / 2018-19** for Cabinet Fabrication work of Gallery on “Indian Revolutionaries” at Chandrashekhar Azad Park, Kamla Nehru Road, Prayagraj – 211002, Uttar Pradesh

<b>Sl. No.</b>	<b>Description</b>	<b>Yes</b>	<b>No</b>
01	Whether E-Tender uploaded on Central Public Procurement Portal of Govt. of India in two parts (i.e. Technical & Commercial) separately. (Please note that one set of original signed Technical bid must be delivered at NSC, Delhi before the time of bid opening).		
02	Whether Tender documents carefully studied & understood.		
03	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.		
04	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. <b>Annexure-A</b>		
05	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. <b>Annexure-A</b>		
06	Whether Earnest Money of <b>₹1,15,000/-</b> submitted 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 last date of submission of the tender document.		
07	Did you visit the actual site for execution of the work/supply before submitting the Tender		

Date:

Signature of the Tenderer

Place:

Official Seal

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

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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 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 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 EMD and enter details of DD/any other accepted instrument.
- 4) Tenderer/bidder should prepare the EMD instrument as per the instructions specified in the tender document. Scanned copy of DD/any other acceptable instrument as mentioned towards EMD 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 (Percentage BoQ Template)** 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 (Percentage BoQ Template)** 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 (Percentage BoQ Template)** 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. 02, Pragati Maidan, Bhairon Road, New Delhi- 110001**  
**Ph. 011-23371945 Fax- 033-23371263 Website: [www.nscdelhi.org](http://www.nscdelhi.org)**  
**Email: [nscdelhicivilsection@gmail.com](mailto: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/18011/E-TENDER – 38 / 2018-19**

Dated: 26.10.2018

1. Name of the Museums / Centre: **National Science Centre, Delhi.**
2. Online e-tenders (Percentage Rate Bid) are hereby invited from reputed and experienced Engineering/Technical contractors capable of carrying out the work of “**Cabinet Fabrication work of Gallery on “Indian Revolutionaries” at Chandrashekhar Azad Park, Kamla Nehru Road, Prayagraj – 211002, Uttar Pradesh**” with excellent finishing quality and having the following eligibility:-
  - (i) **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.

**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 60% of the estimated cost.

**OR**

- (iii) **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.

**AND**

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

3. Place of work: **Chandrashekhar Azad Park, Kamla Nehru Road, Prayagraj, Uttar Pradesh – 211002.**
4. Important Information & Dates:

Bid Document Published Date	26 <sup>th</sup> October, 2018 (18:00)
Bid Document Download Start Date	26 <sup>th</sup> October, 2018 (18:00)
Bid Clarification Start Date	26 <sup>th</sup> October, 2018 (18:00)
Bid Submission Start Date	26 <sup>th</sup> October, 2018 (18:00)
Pre Bid Meeting	05 <sup>th</sup> November, 2018 (14:00)
Bid Clarification End Date	12 <sup>th</sup> November, 2018 (16:00)
Bid Submission End Date	13 <sup>th</sup> November, 2018 (14:00)
Technical Bid Opening Date	14 <sup>th</sup> November, 2018 (15:00)
Financial Bid Opening Date	Shall be communicated later on
Estimated Cost of Work	<b>₹46,00,000/-</b>
Earnest Money Deposit	<b>₹1,15,000/-</b>
Period of Completion of Work	<b>30 (Thirty) days</b>

**Note\*\* – Pre-Bid Meeting shall be held at Conference hall of NSC, Delhi**

The online bid both Technical Bid and Financial Bid, 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 National Science Centre, Delhi at 15:00 on 14<sup>th</sup> November, 2018 for technical evaluation as well as selection of technically acceptable offers.** 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.

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 documents 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 of those tenderers/bidders shall be opened, who have deposited **Earnest Money** as specified duly scanned (unless otherwise they are exempted from paying the same), uploaded and found in order. And the financial bids of only those tenderers/bidders shall be opened whose 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 payment of 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.
    - ii) Scanned copy of Enlistment Order/Registration certificate with appropriate Authority as applicable in pdf format, if any.

- iii) Scanned copies proof of eligibility as per Clause No. 2 (i- ii & iii) 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.
  - iv) Scanned copy of UNDERTAKING (as per Annexure – “A”) 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."
  - v) Tender Document comprising of complete NIT, Schedule of Quantities/specification and drawing in pdf format (TENDER XXXXX.pdf file) digitally signed.
- b) FINANCIAL BID ENVELOPE shall contain:
- (i) Rate Quote Sheet (Percentage BOQ Template) in .XLS format.  
Bidders may quote their percentage rate in this envelope.
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. Tenders incorporating additional conditions are liable to be rejected.
  18. Income Tax, Labour Cess and GST or duties on materials in respect of this contract will be payable by the contractor. Nothing extra will be payable for increase in such taxes or duties even if imposed or levied either before or after the tenders are opened or during currency of contract.
  19. **Before submitting the e-tender, the tenderer shall examine all specifications, drawings, conditions etc. of contract and inspect the site.** 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.
  20. Earnest Money is liable to be forfeited, if the contractor selected for the work fails to sign the formal agreement within one week from the date of issue of Letter of Intent to the Contractor.

21. The selected contractor will be issued a Letter of Intent by the Museum/Centre and given **one week mobilization time**, unless otherwise indicated in the Letter of Intent, which shall be counted from the date of issue of the Letter of Intent. Within the mobilization time the contractor must scrutinize all the working drawings, specification etc. and obtain clarification from the architect or the Museum/Centre wherever necessary. During the mobilization time the contractor shall also mobilize all his resources including men and materials, obtain the supply of water and electricity necessary for construction and erect a temporary cement go down at site at his own cost and sign an Agreement with the Museum/Centre in approved form on a non-judicial stamp paper of proper denomination. The date of commencement of work shall be the date of issue of Letter of Intent.
22. 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.
23. Order shall be placed in favour of the bidder whose technical bid is acceptable and offered overall lowest rate in as per BOQ in Annexure – F.

## APPENDIX

Defect liability period	<b>Twelve (12)</b> months from the date of completion as Certified by the Museum/Centre.
Time of completion	<b>30 (Thirty) days</b> from the date of issue of Letter of Intent (LOI)
Minimum value of work for interim payment	<b>₹3,00,000/-</b> or more at discretion of the Museum/Centre but not more than one bill in a quarter.
Earnest money	<b>₹1,15,000/-</b> (being 2.5% of the estimated cost of works.)
Retention money	<b>Total : 10% of the final value of work executed as per the following detail-</b> i. <b>EMD</b> : 2.5% of the tender value to be deposited with tender (ref. Clause No. 8 of NIT) ii. <b>PERFORMANCE GUARANTEE</b> : 5% of value of work awarded to be deposited on award of work and before signing of agreement through Demand Draft issued by a Nationalised Bank/Certified Cheque from a Nationalised Bank. It is to be noted that the Performance guarantee is to be drawn or duly pledged as the case be, in favour of the <b>NATIONAL SCIENCE CENTRE</b> payable at <b>NEW DELHI</b> . iii. <b>RETENTION MONEY</b> : 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	Two percent (2%) 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 tender	Three months from the date of opening of tender
Period of submitting final bill of the contractor	Three months from the date of virtual completion

## CONDITIONS OF CONTRACT

1. Clauses of the conditions of contract will be part of agreement between Museum / Centre and the successful tenderer.
2. **The contractor may visit the site before quoting his rates in the tender and acquaint himself with site conditions thoroughly.** No claims for additional payments would be entertained arising out of contractor's ignorance of site conditions.
3. The rate quoted by the contractor shall include all labour, materials, etc. for executing and completing the item. He should also include in his rate all taxes including taxes on works contract, GST, freight, etc., and also should allow for fluctuations of market prices.
4. The contractor shall arrange at their own cost for water and electricity required for construction.

5. The contractor should quote balanced rate. Quantities given in the schedule are tentative and may vary up to any extent. The Museum/Centre reserves the right to execute or to delete any item or increase or decrease any quantity or quantities of the bill of quantities. Rates quoted in the tender shall be binding for all such variation in quantities.
6. The contractor shall be responsible for the true and perfect setting out of works and also correctness of positions, levels, dimensions and alignment of all parts thereof. If any time any error arises the contractor shall rectify it at his own cost.
7. All soil, filth or other matters of offensive nature or which are of no use shall have to be removed from the premises by the contractor at his own cost.
8. Materials to be used in the work shall conform to I.S. specification if otherwise not stated specifically.
9. The contractor shall be entitled to be paid 75% of the value of materials, non-perishable in nature brought to site, required for construction as secured advance.
10. The contractor is entitled to get payment for interim bills before final bill is paid. The measurement of the work done shall be made jointly.
11. All payments to be made to the contractor shall be entered into Measurement Book. Based on the measurement of the work done, the contractor shall prepare a bill in approved format and submit the same for payment. All bills shall be pre-receipted.
12. 75% advance bill against work done but not measured may also be certified for payment at the discretion of the Museum/Centre in the interest of work. This advance payment shall be adjusted in the next running bill.
13. In case of large amount blocked in final bill, pending technical / audit check, an advance to the extent of 75% of the net final bill shall be released for payment to the contractor and balance amount after full checking of the bill.
14. From the Running Account or final bill, the recovery on account of material supplied by the Museum/Centre with due allowance for wastage, shall be made. The contractor shall submit statement of materials used in the construction work along with the bill.
15. Retention money/security deposit shall be 10% of the gross value of the work awarded and to be paid by the contractor to the Museum/Centre before commencement of work. This retention money shall remain with the Museum/Centre till the end of construction plus defect liability period. This retention money shall be refunded to the contractor after the virtual completion of work plus defect liability period and also rectification of all defects pointed out to him. In case of termination of contract this retention money is forfeited.

16. Contractor may carry out work on Govt. holidays only with the permission of Museum/Centre.
17. Contractor shall keep a qualified and experienced Engineer / supervisor for supervision of work to ensure best quality works.
18. Any deviation from the tender specification, coming as extra or substituted item which are not covered in the tender items need approval of the competent authority of the Museum/Centre. The rates for extra/new/substituted items of work shall be derived from the contract items as far as practicable and rates which cannot be derived from the contract will be fixed on the basis of actual cost of materials and labour plus 10% as contractor's overhead and profit.
19. If during execution of work, sub-soil water is met with or water enters the working place due to rain or any other cause the contractor shall do dewatering by using pumps or manual labour at his own cost.
20. If the work is suspended by the contractor or unduly delayed without obtaining extension of time, the museum/Centre will serve a notice giving 30 days of time and thereafter the incomplete work will be carried out by engaging other agency and in such cases the difference in cost has to be borne by the contractor.
21. The contract can be terminated by both parties after giving one month written notice to the other. In case of contractor serving the notice, his entire retention money including earnest money will be forfeited and his payment will be determined on actual measurement basis on the date of termination of contract.
22. In case of any dispute arising between the contractor and the Museum/Centre, the matter 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 shall be final and binding on both the contractor and the Museum/Centre.
23. The contractor shall set up facility for holding his office at site and also provide for hutments, drinking water, sanitation, etc. for his labour at his cost.
24. Contractor shall include in his rates provision of shoring, shuttering, centering etc. that might be required for proper execution of work.
25. Without prejudice to anything contained herein the contractor shall indemnify the Museum/Centre against all claims for compensation under the provision of the Workmen's Compensation Act, 1923 (VIII of 1923) by or in respect of any workmen employed by the contractor in carrying out his contract and against all cost and expenses incurred by the Museum/Centre in connection with any such claims and without prejudice to any other means of recovery, the museum/centre shall be entitled to deduct from any money due or to become due to the contractor (whether under this

contract or under any other contract) all money paid or payable by the Museum/Centre by way of compensation aforesaid or incurred for costs or expenses in connection with any claim as aforesaid and the contractor agrees that the decision of the Museum/Centre as to the amount payable by the contractor under the provisions of the clause shall be final and conclusive.

26. The Contractor shall also strictly comply with all the provisions of Contract Labour (Regulation and Abolition) Act 1970 and the contract labour (Regulation and Abolition) Central rules 1971 in respect of this contract.
27. The agency shall pay wages and other allied benefits as prescribed under the Minimum Wages Act to the personnel deployed by them at the premises.
28. The agency shall also ensure that no child labour is deployed at the premises for this work.
29. The Centre will not be responsible for any injury in and out of work places to any of the employees of the tenderer

## **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 -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: (Signature of the tenderer)  
with company seal/rubber stamp  
Place:

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

### **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 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.

Date: (Signature of the tenderer)  
with company seal/rubber stamp  
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 contractor(s) and the agreement may be typed by the Museum/Centre according to the format)

ARTICLES OF AGREEMENT made at ..... (place).....this  
..... (date)..... day of .....(month).....20  
between National Science 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 contractor with full address).....hereinafter referred to as the Contractor(s) which expression shall include his/their respective heirs, executors and administrators on the other part.

WHEREAS the Museum/Centre is desirous of getting the work of  
.....  
Done and has prepared NOTICE INVITING TENDER (including Appendix), drawings, schedule of quantities and specifications describing the work and conditions of contract.  
AND WHEREAS the said Notice Inviting Tender, drawings, specifications, the priced schedule of quantities and conditions of contract have all been signed by or on behalf of the parties hereto. AND whereas the Contractor has deposited Bank Draft/Banker's Cheque a sum of Rupees ..... (the amount being 2.5% of the total value of the estimate rounded off to the nearest thousands), with the Museum/Centre as Initial Security or Earnest Money for the due performance of this Agreement as provided in the said conditions.

**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 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 or the contract) shall be referred to arbitration as per Clause 22 of the said conditions of contract

The provisions of the Arbitration & 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 .....

In presence of (1)

(2)

Signed by the said Contractor.....

In presence of (1)

(2)

**Technical Specification for the fabrication work****(A) Material specification for wooden structures:**

- 1) Unless specified, for all the frameworks for exhibit cabinets, use 38mm x 50mm finished cross section fully seasoned good quality **medium Teak Wood** for vertical and 50mm x 38mm finished cross section medium **Teak Wood** for horizontal members.
- 2) Use only fully seasoned knot and crack free medium **Teak Wood**.
- 3) Use only new and latest stock of boiling water proof phenol bonded plywood (BWR) of Century /Green ply. These are to be got approved before using in fabrication. Ply marked with Century/Green Ply of their premium grade only will be accepted. **Other mark of ply though from same manufacturer e.g Sainik, Echotech, etc will not be accepted.**
- 4) Use only Fevicol (SH) adhesive for frame joining; ply fixing on frames, laminate pasting works etc.
- 5) All the structures to be firmly supported from walls etc. as per direction at site.
- 6) Proper eco-friendly anti termite chemical shall be applied on all wooden/plywood surfaces.
- 7) All wooden beadings used for fixing of Glass / acrylic / polycarbonate sheets shall be Teak Beading polished to melamine finish.
- 8) Use only clear, transparent, wrinkle and scratch free Modi Guard or Saint Gobain make toughened float glass with properly ground and polished edges.
- 9) All hinges and other hardware items like Telescopic sliders should be of Hettich or equivalent approved make.
- 10) All Dimensions given in the drawings are in millimeter, unless & otherwise specified.
- 11) Dimensions given in the drawings are indicative. The actual dimensions for fabrication may vary depending on site conditions.
- 12) All maintenance doors should flush with the existing structure.
- 13) Use only Godrej make locks wherever doors are to be provided.
- 14) Bending of pipe should be such that there should not be any dent or deformity visible on the surface. Fabricated metal surfaces/ structures should look finished and smooth from all directions.

**(B) Specification for pasting decorative laminates on exhibit cabinets and Partitions:**

- 1) The selected tenderer(s) shall use latest stock of Century/Green Ply/ Sunmica make 1mm thick decorative laminates conforming to IS: 2046 – 1995 as per the colour scheme required for individual cabinets.
- 2) Edges of laminates shall be beveled before pasting to avoid visibility of all edges etc.

**(C) Painting of surfaces**

- 1) Surfaces should be first given one coat of wood primer of Asian/ICI Dulux make.
- 2) Putty finish (JK or approved make) is to be done to make the surface smooth.
- 3) Rubbing of surfaces with sand paper to get finished surface.
- 4) Painting of surfaces with acrylic emulsion paint (2 or more coats) of desired shade.

**(D) Polishing of surfaces**

- 1) Prepare the surface using suitable sand paper
- 2) Apply desired shade powder mixed with Fevicol to fill the veneers of ply/wood.
- 3) Apply coats of French polish (sprit polish) till the required finish is achieved.
- 4) Apply clear lacquer to the surface wherever required.

**NATIONAL SCIENCE CENTRE**  
(National Council of Science Museums)  
Bharion Road, Near Gate No. 2, Pragati Maidan,  
**New Delhi-110001**

<b>BOQ for fabrication works of exhibition on “Indian Revolutionaries” at Chandrashekhar Azad Park, Kamla Nehru Road, Prayagraj – 211002, Uttar Pradesh.</b>					
<b>S.No</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate</b>	<b>Amount</b>
1	Providing and fixing of teakwood frame of Cross Section 2” X 1.5”, in a grid of 2’ X 2’ covered with 12 mm BWR Ply on one side.	Sq. Mtr	300	4,000	1,200,000
2	Providing and fixing of teakwood frame of Cross Section 2” X 1.5” in a grid of 2’ X 2’, covered with 12mm BWR Ply on one side and 6mm on other.	Sq. Mtr	75	4,500	337,500
3	Providing and fixing of teakwood frame of Cross Section 2” X 1.5” in a grid of 2’ X 2’, covered with 6 mm BWR Ply on one side.	Sq. Mtr	75	3,000	225,000
4	Fabrication of curved partition, floor mounted/ wall mounted as per the given drawing at site and fixing of same, having frame made of Cross Section 2” X1.5” teakwood vertical member and 25mm thick x60-70 mm wide BWP ply horizontal curved member in a grid size of 18” X 18” covered on one side with 2 nos of 6mm flexi ply on front surface and 6mm ply on back surface of Green/Century make including cost of all materials.	Sq. Mtr	50	5,000	250,000
5	Providing and fixing of 8mm thick toughened glass of approved make with teakwood beading with wooden beading.	Sq. Mtr	15	2,000	30,000
6	Providing and fixing of 6mm thick toughened glass of approved make with teakwood beading with wooden beading.	Sq. Mtr	10	1,500	15,000
7	Providing and fixing 4” instrument cooling fan of approved make with front SS mesh /plastic louvres	No.	25	500	12,500
8	Providing and fixing 12mm thick BWP ply with CNC cut design, as per artwork which will be provided by NSCD with necessary beading etc. at site.	Sq. ft.	200	150	30,000
9	Providing and fixing LED light strip of Havels/Osram or equivalent approved make and colour with driver and all required material including internal connection and testing.	Rng. Mt.	75	400	30,000
10	Providing and fixing of 1mm thick laminate sheet of Green/Century make of desired shade on wooden surface.	Sq. Mtr	200	1,000	200,000

11	Finishing of surface (plywood/metal) with two or more coat of Asian/ICI make NC spray paint of desired shade after surface preparation (applying surface and NC putty etc.)	Sq. Mtr	50	500	25,000
12	French spirit polishing with lacquer finish on plywood surfaces of desired shade and finish.	Sq. Mtr	10	1,000	10,000
13	Providing and fixing 6 mm thick Green/Century make BWR Ply with CNC cut design, as per artwork which will be provided by NSCD with necessary beading etc. at site.	Sq. Mtr	150	1,200	180,000
14	Fabrication and installation of Stainless Steel frame including metal tubes/Sections/Tubing.	Kg	25	350	8,750
15	Providing and fixing Vandel proof showcase of dimension 3x2x3 feet using glass layers of 6x6x1.5mm. Covered from five sides and access from bottom.	Nos	2	50,000	100,000
16	Supply & fixing of power point wiring with 1.1 KV Grade unsheathed FR PVC insulated multi strand copper conductor wires of following sizes in 25mm Dia bore rigid PVC conduit including S&F of PVC conduit, bends, junction boxes & required accessories, mostly laid in RCC slab and partly concealing of conduit in brick wall including cutting of brick wall and making good the damages, making connections, testing etc. as required. .				
a	Power point wiring from MCB SDB to 16/6A Socket outlet with 2 Nos. 1Cx4sq.mm. + 1 No. 1Cx2.5sqmm, rate being inclusive of consealed PVC conduiting with bends, junction boxes, etc. as required. (two plug sockets to be connected in one circuit.)	RM	200	162	32,400
b	Power point wiring from 16/6A socket outlet to the adjacent 16/6A socket outlet with 2 nos 1Cx2.5 sqmm + 1 no 1Cx1.5sqmm. Rate inclusive of consealed PVC conduiting, bends, junction boxes etc. as required.	RM	150	131	19,650
c	Supply and fixing of 1 no. of 6/16A combined modular type socket outlet with modular type switch incl. recessed mounted GI box, modular base, cover plate & all required materials including internal connections and testing.	Nos.	40	415	16,600

17	Providing and fixing directly on wall/ wooden surface Stone Veneer with fiberglass backing <b>(Make: Richter Stone-Veneer® THE ORIGINAL/ Skineer Stone Veneer (SK International Stones)/ Pan Creations (India) or approved equivalent make)</b> with the help of adhesive Cuartex or approved equivalent adhesive as recommended by the manufacture of veneer. Rate should be inclusive of cutting in required size, pattern, including cutting, pasting and pressing as per standard procedure and wastages etc. all complete. Quantity may vary depending upon site condition.	Sqm	325	1,240	403,000
18	Providing and fixing of MDF Faux Brick Wall Panel in size as prescribed at site on readymade wall / Bison board paneling/ wooden panel as per requirement. Panels available in size 4'x8' size having minimum thickness as per approved sample and manufacturers specification of make MDF Glodecor approved equivalent make fixed as per manufacturers specification/ recommendations and as per site condition. Rate should be inclusive of cutting in required size, pattern, including cutting, pasting/ screwing with rowel plug and pressing as per standard procedure and wastages etc. all complete.	Sqm	100	2,200	220,000
19	Providing and fixing Bison paneling 12 mm thick directly on wall or wooden frame work fixed with screws and rowel plug or as specified and as per requirement at site including cutting, fixing, wastage and labour etc. all complete	Sqm	50	655	32,750
20	Providing and fixing Bison paneling 6 mm thick directly of wall or wooden frame work fixed with screws and rowel plug or as specified and as per requirement at site including cutting, fixing, wastage and labour etc. all complete	Sqm	50	360	18,000
21	Providing and fixing directly on wall/ wooden surface Embossed HDF Board Panel in size as prescribed at site with readymade wall / Bison board paneling/ wooden panel in panels of size as per requirement. Panels available in size 4'x8' size having minimum thickness 2.5-3 mm per approved sample and manufacturers specification of make MDF Glodecor approved equivalent make fixed as per manufacturers specification/ recommendations and as per site condition. Rate should be inclusive of cutting in required size, pattern, including cutting, pasting/ screwing with rowel plug and pressing as per standard procedure and wastages etc. all complete.	Sqm	50	240	12,000

22	Wall painting with premium acrylic emulsion paint of specific shade and manufacturer and grade ( <b>Gold Standard 8517 Asian Paints color / Golden Prairie 8518/ spectra Page No. 193 / African Desert 8558 Asian Paints color spectra Page No 198</b> ) to give an even shade. Two or more shades on new surface.	Sqm	400	85	34,000
23	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With water thinnable cement primer on wall/ ceiling surface having VOC content less than 50 grams/liter.	Sqm	500	37	18,500
24	Painting with silicon & acrylic emulsion based water thinnable sealer of approved brand and manufacture on wet or patchy portion of plastered surfaces. Two coats	Sqm	100	90	9,000
25	Finishing walls with textured exterior grade paint of required shade. New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm Asian Paints Royale Play Antico from Asian Paints (Texture wall) Linea Top coat Taupe tan M025 or as approved.	Sqm	300	150	45,000
26	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	500	88	44,000
27	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). second class teak wood	Cumtr	9274 3.00	0.50	46,372
28	Supply and installation of 12mm thick toughened Glass of 750mm - 900mm height to be fixed to existing Railing and supported from both end walls with the required fittings accessories of Ozone / Hettich make or equivalent approved make glass (Saint-Gobain/ Asahi India Glass) including cutting, polishing, making holes, edge polishing and rounding/ beveling (as per design), toughening, SS fixing accessories of approved make and labour etc. all complete. Glass pieces will be of length 1200mm or as per the site requirement.	Sqm	40	5,500	220,000

29	Providing and fixing Usage Load Bearing class 32, AC4 flooring range passes 4000 RC Abrasion Test as per EN 13329, 12 mm thick scratch resistance, Indentation free and stain resistance wooden laminate flooring manufactured by fusing together four separate layers, top The top layer is a melamine impregnated, clear cellulosic paper with minuscule granules of aluminum oxide to ensures permanent bonding of the layers and to provide a high degree of scratch and wear resistance, the second layer of a printed paper, which reproduces the colour and pattern of wood, The third layer of a high - density fibre board to serves as a stable support material & to provide excellent moisture resistance properties and the fourth & last layer to provide form and stability to the flooring and also to act as a moisture - resistant barrier, on existing floor having plank size 1215mm x 163mm/ 1214mm x193 mm / 808 mm x 125 mm of approved design/ pattern and shade conforming to manufacturers specification. The sample and pattern will be approved by our designer and the agency shall have binding on the same. <b>(Make: Action Tesa, Green, Armstrong)</b>	Sqm	600	1,250	750,000
30	Providing and fixing of accessories for wooden laminate flooring in item No. 1 as under:				
i	100 mm wide 18 mm thick mdf Grade A+ Skirting (Make: Action Tesa)	RM	50	328	16,400
ii	T- Profile of matching shade for the above flooring 18 mm thick and 50 mm wide (Make: Action Tesa)	RM	20	285	5,700
iii	End Profile of matching shade for the above flooring 18 mm thick and 50 mm wide (Make: Action Tesa)	RM	20	275	5,500
iv	Corner beading 17 mm x 17 mm Qtr. Round (Make: Action Tesa)	RM	50	110	5,500
	(Inclusive of all Taxes)				46,08,122

NATIONAL SCIENCE CENTRE  
(National Council of Science Museums)  
Bharion Road, Near Gate No. 2, Pragati Maidan,  
New Delhi-110001

**TENDER No. : NSCD/18011/E-Tender No – 38 / 2018-19**

**TECHNICAL (Techno-Commercial) BID**

**Notes: ALL PARTICULARS / INFORMATION SHOULD BE GIVEN IN THE FOLLOWING FORMAT WITH COMPLETE DETAILS.**

1. Full Name of the bidder :
2. Address :
3. Telephones/Fax numbers/Email :
4. Whether proprietary/partnership/company :  
(documents to be enclosed)
5. Name(s) of proprietor/partners/All directors:
6. Name(s) and particulars of collaborators, :  
(If any, and type of collaboration with  
documentary evidence)
7. Address of works/Lab :
8. 

<u>No. of employees</u>	Types of employees	<u>Number</u>
	i) Service Engineers /	
	ii) Others	
9. i) PAN No.  
ii) TIN No  
iii) GST Reg. No.  
(Documents should be enclosed)

10. EPF / ESI No.

(Documents should be enclosed)

I/We hereby declare that the above statements are true. I/We also declare that the decision of National Science Centre regarding selection of eligible firms for opening of Financial Bid (Part-II) shall be final and binding on me/us.

**Dated**

**Official Seal**

**Signature of the  
Tenderer/Constituted Attorney**

**ANNEXURE-E****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
GST Number	07AAAAN2541C1Z5