

Notice Inviting Tenders for

“Construction of Store Rooms in the Basement of Administrative Building” in NIB Noida.

Tender No. 16/2018-2019/NIB/Engg.

SCHEDULE OF BIDS

1	Tender document download / sale period	17.12.2018 to 07.01.2019
2	Last Date & time of submission of Tenders	08.01.2019 at 3:00 P.M.
3	Pre Bid meeting	27.12.2018 at 3:00 P.M.
4	Date & time of Opening of Technical Bids	08.01.2019 at 4:00 P.M.
5	Opening of Price Bids	To be intimated separately only to technically eligible bidders.
6	Tender Fee	i) Rs. 560/- (<i>Five hundred sixty</i>) including Goods & Service Tax, if tender document purchased from National Institute of Biologicals, Noida. ii) No tender fee if downloaded by bidder at their own end.

Name of bidder	
Address of Bidder	
Phone Nos.	i- Landline Nos. ii- Cell Nos.
E-mail Id	
Contract Persons & their mobile nos.	i- ii- iii-

December - 2018



NATIONAL INSTITUTE OF BIOLOGICALS
(Ministry of Health & Family Welfare)
A-32, SECTOR- 62 (INSTITUTIONAL AREA),
NOIDA - 201 309 (U.P)

Tel: 0120-2400022, 2400072, Fax: 0120-2400074, 2403014

e-mail: info@nib.gov.in

Website: www.nib.gov.in



NATIONAL INSTITUTE OF BIOLOGICALS

Plot No.A-32, Sector-62(Institutional Area), NOIDA-201 309(U.P)

Tel: 0120-2400022, 2400072, Fax: 0120-2400074, 2403014

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NOTICE INVITING TENDERS

Tender No 16/2018-2019/NIB/Engg.

Invitation to tenders for “Construction of Store Rooms in the Basement of Administrative Building” in NIB Noida.

Sealed tenders are invited from experienced work contractors, for “Construction of Store Rooms in the Basement of Administrative Building” at NIB Noida. Bidders are advised to quote competitive rates for this work, on the Price-Bid format given in the tender including T & P etc. required for proper completion of the work. The tender document can be downloaded from NIB Website www.nib.gov.in or Central Procurement Portal (CPP) Govt. of India from 17.12.2018 to 07.01.2019 or the same can be purchased from Finance Section of National Institute of Biologicals from 17.12.2018 to 07.01.2019 on all working days between 10:00 AM to 5:00 PM on payment of **Rs. 560/-** (*Five hundred sixty only*) towards tender fee only in the shape of demand draft in favour of “**National Institute of Biologicals, Noida**” payable at Noida.

Sealed tender should be dropped in tender box at NIB Noida, on or before the closing date, i. e. **08.01.2019** up to **3:00 P. M.** Technical bid shall be opened on the same day at **4:00 P. M.** in presence of the representatives of the bidders, who are present during opening of the tenders. Late tenders will not be received and treated as rejected.

Prospective bidders are advised to regularly scan through NIB website tender portal www.nib.gov.in as corrigendum/ amendments etc., if any, will be notified on this portal only and no separate intimation/ advertisement will be made in this regard.

(Dr. Reba Chhabra)
Sct. Gr-I & DD (QC) Diagnostics, i/c



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Tender No. 16/2018-2019/NIB/Engg.

Invitation to tenders for “Construction of Store Rooms in the Basement of Administrative Building” at NIB Noida.

Introduction:

National Institute of Biologicals (NIB), is an autonomous institution under the Ministry of Health & Family Welfare, Government of India, established on 27th January, 1992 and is to be the Central Drugs Laboratory for quality control of all indigenously produced and imported biological products. Presently, eight laboratories of the Institute are notified as Central Drugs Laboratory under provision of Drugs & Cosmetics Act and Rules. Institute plays a vital role in collaboration with CDSCO to strengthen the regulation of biologicals in India by averting the Not of Standard Quality Biologicals reaching the consumer, thereby promoting and protecting public health.

1. Scope of Work:

An area of 18M x 6M approx in the basement is to be partitioned using pre painted galvanized iron (PPGI) Puff sandwiched 80 mm thick panels. Aluminum doors and windows are to be provided in Store Rooms with all fitting. Existing walls & ceiling are to be repainted with plastic emulsion paint. The work is to be carried out in a functional area, therefore, the work shall be planned in such a way, so that there is minimum disturbance during execution of the works.

Supply installation testing commissioning of electrical items as mentioned in BOQ. 16 mm cable wiring from electrical room to proposed area to be done through saddles on the wall and connections made in electricity room and proposed DB with gland & thimbles., all the work to be done neatly. If wiring to be done through concealed on wall, subsequent repairing using 1:6 (1 Cement: 6 time sand) plaster to give a neat finish, and finishing in matching paint on top.

Eligibility Criteria:

- 2.1 Eligibility will be based on meeting the following minimum criteria regarding the Applicant's work experience, personnel and financial position, as demonstrated by the Applicant's responses in the tender.
- 2.2 The Applicant to meet the following minimum criteria for eligibility:
 - (a) Average Annual financial turnover for similar works during the last three financial years, ending 31st March, 2018, should be at least **Rs. 15 lakh**.

(b) Experience of having successfully completed similar works during the last seven years ending 31st August, 2018, should be either of the following.

a) Three similar completed works each costing not less than the amount equal to **Rs. 2.65 lakh each.**

Or

b) Two similar completed works each costing not less than the amount equal to **Rs. 3.95 lakh each.**

Or

c) One similar completed work costing not less than the amount equal to **Rs. 5.30 lakh.**

2.3 Definition of Similar Work: Experience of carrying out civil & electrical maintenance/ construction/renovation/upgradation/remodeling works in Govt. sector or large private sector companies etc.

3. Earnest Money Deposit (EMD):

The Bidder shall furnish EMD of **Rs. 13,000/-** (*Thirteen thousand only*) along with the tender in the shape of demand draft in favour of “**National Institute of Biologicals**” payable at **Noida**. EMD shall be returned to the unsuccessful bidders after award of work. EMD of successful bidder shall be adjusted in the security deposit. The tender not accompanied with EMD shall be rejected. If the bidder fails to accept the order or start the work EMD shall be forfeited.

Tender Fee/ EMD can also be deposited by way of NEFT/RTGS and bidder need to indicate transaction ID details with Date & Time etc. Bank details of NIB are as below:

For Payment of EMD through Bank transfer:

NAME OF BANK	BANK OF BARODA, SEC-29, NOIDA (U.P)
NAME OF ACCOUNT	NATIONAL INSTITUTE OF BIOLOGICALS
S.B. ACCOUNT	26290100001774
IFSC CODE	BARB0NOIDAX (5 th digit is zero)

In case of EMD deposited through NEFT/ RTGS directly in NIB’s Bank Account relevant details should be provided necessarily in the Technical-Bid.

4. Site Visit:

- a. The bidder is advised to acquaint himself with the work, visit the site & examine site conditions, climatic conditions, labour, power, material availability, transport and communication facilities, environmental regulations, laws and byelaws of statutory, local bodies and the Govt. of India and collect all information that will be necessary for preparing the bid and entering into a contract. The cost of visiting the site and collecting information for the purpose of submission of the bid shall be to the bidder's account.
- b. The bidder and any of his personnel or agents will be granted permission by NIB to enter upon the site for the purpose of such inspection.

5. Pre-Bid Meeting:

A Pre-Bid meeting will be organized by NIB, as indicated in the tender document. In the said meeting Bidders may ask clarification(s), if any, from NIB about the tender.

The clarification shall be asked in writing. If required NIB may issue Corrigendum to clarify the queries of the bidders.

6. Submission of Tender:

The contractor shall submit the tender in the sealed envelopes in the following manner.

Envelope No. 1 - shall contain:

- EMD, in the form of demand draft for **Rs. 13,000/-** (*Thirteen thousand only*) in favour of **National Institute of Biologicals, Noida.**

Envelope No. 2

- Similar work experience certificates/Work order in support of fulfilling the eligibility criteria.
- Turn over documents or certificate from CA regarding turnover of the company for the last three financial years etc.
- A copy of tender document duly signed and stamped by the bidder as a token of acceptance of terms & conditions and Bill of Quantities (BOQ) of the tender (**Page No. 1 to 21**)

Envelope No. 3 - Shall contain:

Price-Bid only. Price shall be filled up by the bidder on the Price-Bid format (**Page No. 22 to 30**) enclosed with the tender by NIB. Price on any other format shall be rejected.

Both the sealed envelopes No. 1, 2 & 3 shall be then put in a bigger envelope duly addressed to **“Director, National Institute of Biologicals, A-32, Sector - 62, Noida-201309”** and marked on top Tender for **“Construction of Store Rooms in the Basement of Administrative Building” in NIB Noida.**

7. Evaluation & Award of work:

The bids will be evaluated as per the Eligibility criteria given at Clause -2 above. The bids which are found to be fulfilling the eligibility criteria shall only be considered for opening of Price-Bids. NIB may seek clarifications in the bids from the bidders during the evaluation process. **The Evaluation Committee shall correct arithmetic errors, if any and sign the same. If, any discrepancy is found between the amount in figures and the amount in words, the amount in words shall prevail.**

The work will be awarded to the lowest responsive (L-1), evaluated bidder and Work-order will be issued to the firm. NIB may like to visit the similar completed works of the successful bidder before accepting their bid.

8. Performance Security:

- a. Within 7 (*Seven*) days of receipt of work order from NIB, the successful bidder shall furnish Performance Security equivalent to 10% of the contact value in the form of Bank Guarantee (from any Nationalized/Scheduled Bank) valid for 60 days beyond expiry of the Defect Liability Period, in the format as per **Annexure-A** or in the form of Demand Draft/Pay Order in favour of “**National Institute of Biologicals**” payable at “**Noida**”.
- b. Failure of the contractor to comply with the requirement of contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the EMD, security Deposit in which event NIB may get the work done at the risk & cost of the Contractor.

9. Contract Agreement:

NIB will notify the successful bidder that his tender has been accepted and it will send a work order to the bidder describing the works to be carried out and the same shall be returned duly acknowledged affirmatively by the bidder as a token of acceptance and a contract agreement will be signed between both the parties on the agreement form **Annexure-B**. The contractor shall present the agreement on appropriate value of stamp paper for signature of NIB.

10. Time of Completion and Extension of Completion Date:

- i) The work shall be completed within **45 (*Forty five*) days** from the date of issue of work order.
- ii) Due to an event, not attributable to the contractor, causing delay occurs or a variation order is issued, which makes it impossible to complete the work by scheduled completion date, NIB may consider extending the completion date on request of the contractor.

11. Liquidated Damages/ Penalty for Delay:

If the contractor fails to complete the work within the stipulated time or time extended by the Institute (if any), liquidated damages at the rate of 1% per week/part thereof delay subject to maximum 10% of the total work value shall be deducted/ recovered from the contractor.

12. Specifications:

The materials proposed and supplied for use in the work shall be of requisite specifications as specified in the tender. The works will be carried out as per relevant CPWD specifications and best practices in the Industry.

13. Defect Liability Period (DLP):

The materials & work of the contractor shall be under 1 (*one*) *year's Defect Liability Period (DLP)*. Defect/s noticed during the defect liability period shall be rectified by the contractor without any cost to NIB, failing which the Performance Security Deposit of the Contractor shall be forfeited. The contractor may also be debarred from any future tendering in the Institute.

14. Payment:

(i) Payment of the contracted price for respective item will be made on receipt of pre-receipted bill & satisfactory completion of work. Final payment will be made within 30 (*thirty*) days after completion of the work. No advance payment shall be made to start the work. TDS will be deducted as per rules.

(ii) Necessary Bank details need to be provided for release of payment directly in bidder's Bank Account. Bank Details is to filled in the column by bidder as given below:

NAME OF ACCOUNT HOLDER	
NAME OF BANK & ADDRESS	
ACCOUNT NO	
IFSC CODE	
PAN NO	

15. Bill of Quantity:

The quantities given in the Bill of Quantities (BOQ) are approximate quantities. There may be 20% increase/decrease in actual work done. The varied quantities of work will be carried out on the tendered rates. Payment shall be made as per the measurement of finished & actual work done at site.

16. a) Tools & Tackles:

All tools, tackles such as cutting & drilling machines, ladders, platforms, baskets etc. will be arranged by the contractor and their charges will be deemed to be included in the quoted rates, no extra payment shall be made for the same.

b) Water & Electricity:

Water & Electricity will be provided free of cost by NIB, at one point from where contractor will make arrangement of pipes, cables, power plugs, sockets etc. to extend the same to the work place.

17. Risks:

Contractor shall be solely responsible for safety of his workers, working at site by taking insurance cover and by following all safety norms in the trade.

All risks of loss or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks are the responsibility of the Contractor. Excepted Risks are:

- a.
 - (i) War, hostilities (whether war be declared or not), invasion, act of foreign enemies.
 - (ii) rebellion, revolution, insurrection, or military or usurped power, or civil war,
 - (iii) Ionizing radiations, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radioactive toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component thereof.
 - (iv) Pressure waves caused by aircraft or other aerial devices traveling at sonic or supersonic speed.
- b. Loss or damage due to the use or occupation by the Employer of any section or part of the Permanent Works, except as may be provided for in the Contract.

18. Disputes:

If any dispute or difference of any kind, whatsoever, shall arise between NIB and the Contractor, in connection with or arising out of the Contract, or the execution of the works, whether during the progress of the works or after their completion and whether before or after the termination, abandonment or breach of the contract, it shall, be settled under the Indian Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceedings under this clause. Such arbitration shall be settled by Sole arbitrator who shall be appointed by Director, NIB. The arbitration shall take place in Noida/ Delhi unless both parties agree otherwise.

19. Particulars of bidders:

The following details of the bidder are necessary for linking on Central Procurement Portal etc. as per Govt. of India guidelines. The details may be filled carefully.

Detail of Bidder

<i>Srl. No.</i>	<i>Name of Company/ firm/ agency with full address</i>	<i>Name of Contact Person</i>	<i>Mobile No.</i>	<i>Land Line Telephone No.</i>	<i>Email address</i>

20. Details of Similar works Executed by the bidders:

<i>Srl. No.</i>	<i>Name of Clint</i>	<i>Name of Work</i>	<i>Completed works Value in (Rs.)</i>	<i>Date of Completion</i>

21. Right to accept or reject the Tender:

Director, NIB reserves the right to accept or reject any or all the tenders without assigning any reason thereof.

Stamp of bidder with signature of authorized signatory,

AFFIDAVIT

(On a Rs 100/- non judicial stamp paper duly notarized)

1. I, the undersigned, do hereby certify that all the statements made in the required attachments are true and correct.
2. The undersigned also hereby certifies that our firm M/s _____ have neither abandoned any contract awarded to us nor such works have been rescinded, during the last five years prior to the date of this application.
3. The undersigned also hereby confirms M/s _____ have not been blacklisted/debarred/penalized by any government agency or public sector undertaking or judicial authority/arbitration body.
4. The undersigned hereby authorize (s) and request (s) any bank, person, firm or corporation to furnish pertinent information deemed necessary and requested by the Department to verify this statement or regarding my (our) competence and general reputation.
5. The undersigned understands and agrees that further qualifying information may be requested, and agrees to furnish any such information at the request of the NIB.

Signed by an Authorized Signatory of the agency

UNDERTAKING

(The Undertaking should be on the agency's Letter Head.)

'I/ We have not altered/ modified the BOQ attached in the NIB tender portal. If it is found during the tender stage or later that the BOQ is modified by us, the NIB shall have the right to reject our bid'.

Name & Signature of Authorized Signatory of agency

Date:

PROFORMA FOR PERFORMANCE BANK GUARANTEE
(On stamp paper of appropriate value from any Nationalized Bank)

To,

M/s National Institute of Biologicals
Plot No. A - 32, Sector - 62,
NOIDA - 201 309.

Dear Sir,

In consideration of *National Institute of Biologicals* (hereinafter called as the Employer which expression shall include his successor and assigns having awarded to (here in after referred to as the said Contractor or Contractor' when expression shall wherever the subject of context so permits include its successors and assigns) a contract No. In terms inter alia, of the NIB's Letter No. dated. and the General Conditions of Contract and upon the condition of the contractor's furnishing security for the performance of the contractor's obligations and discharge of the contractor's liability under in connection with the said contract up to a sum of Rs..... (Rupees..... only) amounting to 10 % (*Ten*) percent of the total contract value.

1. We (here in after called "The Bank which expression shall include its successors and assigns) hereby jointly and severally undertake to guarantee the payment to The Employer in rupees forthwith on demand in writing and without protest of demur or any and all moneys anywise payable by the contractor to The Employer under in respect of or in connection with the side contract inclusive of all The Employer's losses and damages and costs, (inclusive between attorney and client) charges and expenses and other moneys anywise payable in respect of the above to this guarantee up to an aggregate limit of Rs./- (Rupees.....only).
2. We Bank further agree that The employer shall be sole judge of and as to whether the said contractor has committed any breach or breaches of any of the terms and conditions of the said contract and the extent of loss, damage, cost, charges and expenses caused to or suffered by or that may be caused to or suffered by The Employer on account thereof and the decisions of The Employer that the said Contractor has committed such breach or breaches and as to the amount or amounts of loss, damage, costs, charges and expenses caused to or suffered by The Employer from time to time shall be final and binding on us.
3. The Employer shall be at liberty without reference to the bank and without affecting the full liability of the bank hereunder to take any other security in respect of the Contractor's obligations and liabilities hereunder or to vary the contract or the work to

be done thereunder vis-à-vis the Contractor or to grant time or indulgence to the Contractor or to reduce or to increase or otherwise vary the prices of the total contract value or to release or to forbear from enforcement of all or any of the security and/ or any other security (ies) now or hereafter held by the Employer and no such dealing (s) reduction (s) increase (s) or other indulgence (s) or arrangements with the Contractor or release or forbearance whatsoever shall absolve the Bank of the fail liability to The Employer hereunder or prejudice the rights of The Employer against the bank.

4. This guarantee shall not be determined or affected by the liquidation or winding up, dissolution, or change of constitution or insolvency of the Contractor but shall in all respect and for all purposes be binding and operative until payment of all monies payable to The Employer in terms thereof.
5. The bank hereby waives all rights at any time inconsistent with the terms of this guarantee and the obligations of the bank in terms hereof shall not be anywise affected or suspended by reason of any dispute or dispute having been raised by the Contractor stopping or preventing or purporting to stop or prevent any payment by the bank to The Employer in terms hereof.
6. The amount stated in any notice of demand addressed by the Employer to the bank as liable to be paid to the Employer by the Contractor or as suffered or incurred by The Employer on account of any losses or damages of cost, costs, charges and / or expenses shall be conclusive evidence of the amount so liable to be paid to The Employer of suffered or incurred by The Employer as the case may be and shall be payable by the bank to The Employer in terms hereof.
7. This guarantee shall be a continuing guarantee and shall remain valid and irrevocable for all claims of the Employer and liabilities of the contractor arising up to and until midnight of.....
8. This guarantee shall be addition to any other guarantee or security whatsoever that The Employer may now or at any time anywise may have in relation to the contractor's obligations/ or liabilities under and/ or in connection with the said contract, and The Employer shall have full authority to have recourse to or enforce this security in preference to any other guarantee or security which The Employer may have or obtain and no forbearance on the part of The Employer in enforcing or requiring enforcement of any other security shall have the effect or releasing the Bank from its full liability hereunder.
9. It shall not be necessary for the Employer to proceed against the said Contractor before proceeding against the Bank and the Guarantee herein contained shall be enforceable against the bank notwithstanding that any security which the Employer may have obtained or obtain from the contractor shall at the time when proceedings are taken against the said bank hereunder be outstanding or unrealized.

10. We the said Bank undertake not to revoke this guarantee during its currency except with the consent of the Employer in writing and agree that any change in the constitution of the said contractor or the said Bank shall not discharge our liability hereunder.
11. We.the said Bank further state that we shall pay forthwith the amount stated in the notice of demand notwithstanding any dispute/ difference pending between the parties before the arbitrator and/ or that any dispute is being referred to arbitration.
12. Notwithstanding anything contained herein above, our liability under this guarantee shall be restricted to Rs...../- (Rupees..... only) and this guarantee shall remain in force till and unless a claim is made on us within 3 (*Three*) months from that date, that is before all the claims under this guarantee shall be forfeited and we shall be relieved of and discharged from our liabilities thereunder.

Datedday of2018.

For and on behalf of Bank.

Issued
Under
Seal

**FORM OF AGREEMENT
(On appropriate value stamp paper)**

AGREEMENT

This agreement made the day of two thousand eighteen (2018) between the *National Institute of Biologicals, Plot No. A-32, Sector-62, NOIDA*, (hereinafter called "NIB") of the one part, which expression shall include his successors and assigns and M/s
.....
(hereinafter called "The contractor") which expression shall include his heirs, executors, administrators and assigns of the other part.

Whereas NIB is desirous that certain works should be executed by the Contractor, viz
..... for National Institute of Biologicals at NOIDA - 201 309 (U. P) ("the works") and has accepted a Bid of the Contractor for the execution and completion of the works and the remedying of any defects therein.

Now this Agreement witnesses as follows:

1. In this Agreement words and expressions shall have the same meaning as are respectively assigned to them in the Conditions of Contract herein after referred to.
2. The following documents shall be deemed to from and be read and construed as part of this Agreement, viz:
 - a- Tender No. dated:
 - b- Letter No. to M/s
 - c- NIB Work Order letter No. dated:
3. In consideration of the payment to be made by the NIB to the contractor as hereinafter mentioned, the Contractor hereby covenants with NIB to execute and complete the works and remedy any defects therein in conformity in all respect with the provisions of this agreement.
4. The National Institute of Biologicals hereby covenants to pay the Contractor in consideration of the execution and completion of the works and the remedying of defects therein the Contract Price or such other sum as may become payable at the times and in the manner prescribed by this agreement.

In Witness whereof the parties hereto have this Agreement to be executed the day and year first before written.

Signed, Sealed and Delivered by the Said _____

Binding signature for and on behalf of

National Institute of Biologicals,
A-32, Sector -62, NOIDA.

Binding Signature of Contractor _____

In the presence of

Witness (1):

Witness (2):



NATIONAL INSTITUTE OF BIOLOGICALS

Plot No.A-32, Sector - 62 (Institutional Area), NOIDA- 201 309 (U.P)

Tel: 0120-2400022, 2400072, Fax: 0120-2400074, 2403014

E-mail: info@nib.gov.in

Website: www.nib.gov.in

BILL OF QUANTITY (BOQ)

Tender No. 16/2018-2019/NIB/Engg.

Name of Work: Tender for “Construction of Store Rooms in the Basement of Administrative Building” at NIB Noida.

Item No.	Description of Item	Unit	Qty.
(A)	Civil Works:		
1.	<p>Providing, installation testing and commissioning of pre painted Galvanized Iron (PPGI) wall partitions made of pre-fabricated panels jointed with cam Lock system & doors, windows, electrical switches etc. complete work as per following specification:</p> <ul style="list-style-type: none"> • Material of construction (MOC): Pre Painted Galvanized Iron (PPGI). • Infill: Puff of 40 +_ 2 Kg. / Cum Density • Finish: Pre coated • Outer & inner skin Sheet thickness: 0.5 MM. • Panel thickness: 80MM • Panel Height: 3.75 M to 4.20 M (exact height to be measured by the supplier/ manufacturer at site) • Environmental acceptance: environment friendly “CFC Free” • Ignitability: To BS476 Part 5 “not easily ignitable” • Flammability: To IS 11239 “self-extinguishing” • Jointing arrangement: Cam Lock system • Water absorption: <1% • Guard Film: 50 micron thick PVC film for protection. • Sealing of joints/gaps: By transparent Silicone sealant. • Accessories: U-Channels GI, as per requirement. • Fasteners: screws, bolts, nuts, rivets etc. as per requirement. 	Sqm.	125
2	<p>Providing and fixing aluminum work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fastners of required dia and size, including necessary filling up of gaps at junctions i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminum sections shall be smooth rust free straight, mitred and jointed mechanically wherever required including cleat angle, aluminum snap beading for glazing/ paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and directions of Engineer in charge. (Glazing, paneling and dash fasteners to be paid for separately).</p>		
	For fixed portion		

	Polyester Powder coated aluminum (minimum thickness of polyester powder coating 50 micron).	Kg.	92
3.	For shutters of doors, windows & ventilators including providing and fixing hinge/pivots and making provision for fixing of fitting wherever required including the cost of EPDM rubber/ neoprene gasket required (Fitting shall be paid for separately).		
	Polyester Powder coated aluminum (minimum thickness of polyester powder coating 50 micron).	Kg.	30
4.	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete		
	Hot finished welded type tubes	Kg.	705
5.	Providing & fixing carbon steel galvanized (minimum coating 5 micron) dash fastener of 10 mm dia double threaded 6.8 grade (yield strength 480 N/mm ²) counter sunk head, comprising of 10 mm dia polyamide PA 6 grade sleeve, including drilling of hole in frame, concrete/masonry, etc. as per direction of Engineer-in-charge.		
	10 x 80 mm	Each	125
6.	Providing & fixing 12 mm thick pre laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12883 Grade type II, in paneling fixed in aluminum doors, windows shutters and partition frame with C.P. brass/stainless steel screws etc. complete as per architectural drawings and directions of Engineer-in-charge.		
	Pre laminated particle board with decorative lamination on both sides	Sqm.	04
7.	Providing and fixing aluminum work for doors, windows, ventilators and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and directions of Engineer-in-charge. (Cost of aluminum snap beading shall be paid in basic item.)		
	With float glass panes of 5.50 mm thickness	Sqm.	15
8.	Providing & fixing aluminum round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in-charge.		
	Polyester power coated minimum thickness 50 micron	Each	06
9.	Providing and fixing 100 mm brass locks (best make of approved quality) for aluminum doors including necessary cutting and making good etc. complete.	Each	03
10.	Providing and fixing ISI marked aluminum butt hinges anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete.		
	100 X 63 X 3.2 mm	Each	12
11.	Providing and fixing aluminum tower bolts, ISI marked, anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc.		

	complete.		
	200 X 10 mm	Each	03
12.	Providing and fixing aluminum hanging floor door stopper, ISI marked, anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete.		
	Twin rubber stopper	Each	03
13.	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	550
14.	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	250
15.	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade (One or more coats on old work)	Sqm	550
(B)	Electrical & IT Cell Works:		
1	Providing and installation of Wiring for LAN points (D-Link or equivalent make) with PVC insulated PVC sheathed annealed tinned copper conductor CAT-6A wire conforming to ITD-S/SW-113B in 20mm dia 16SWG surface/ concealed conduit up to LAN Switch, including cost of providing saddles etc. as required for surface/flush and the cost of cutting and fixing of telephone cord outlet RJ-45 with GI outlet box along with cover plate complete as required including crimping and jack etc. This shall include installation of wire through the existing false ceiling (cost to be included), and in the concealed conduits in walls (to be paid for separately). This shall also include the repair work/ making good any damage / breakage done to the walls / ceiling or any other route, in the existing specifications so as to give a complete and neat look. Above including the cost of cutting and fixing of telephone cord outlet RJ-45 with GI outlet box along with cover plate complete as required including crimping and jack etc.	Meter	200
2	Providing and installation of 38 mm diameter fire proof PVC conduits, bends, T's etc. (Setia/ equivalent brand) concealed in walls and ceiling. The above shall also include chasing of wall placing and fixing of conduits with suitable brackets/supports and subsequent repaired in plaster to give a neat finish all complete. This shall also include the repair work/ making good any damage/ breakage done to the walls/ ceiling or any other route, to be finished in the existing specifications so as to give a complete and neat look.	Meter	200
3	Providing and installation of 24mm diameter fire proof PVC conduits, bends, T's etc. (Setia/ equivalent brand) concealed in walls and ceiling. The above shall also include chasing of wall placing and fixing of conduits with suitable brackets/supports and subsequent repair in plaster to give a neat finish all complete. This shall also include the repair work/ making good any damage/ breakage done to the walls/ ceiling or any other route, to be finished in the existing specifications	Meter	80

	so as to give a complete and neat look.		
4.	Providing and installation of multi strand copper Wiring of required cores (Anchor or equivalent make) from existing DB to the marked area in drawing, through wall (concealed in wall using conduits 25 mm diameter or higher dia. as required) including chasing using electric cutter and subsequent filling and repairing using 1:6 (1 cement, 6 fine sand) plaster to give a neat finish, and finishing in matching paint on top and through the existing metal false ceiling/ gypsum false ceiling, by carefully removing the existing panels/ making holes for passage, laying of conduits, placing the wires in conduits(flexible/ otherwise), securely fastened to wall/ ceiling using suitable brackets/ ties etc. and subsequent re-fixing of ceiling panel/ repairing the gypsum ceiling with existing specifications to return the ceiling to its original position all complete, any repairs resulting out of the above shall be included in this item. Following cores of wires to be provided--		
	(i) 4.0sq.mm. core (L & N)	Meter	350
	(ii) 2.5 mm.sq.(E)	Meter	300
	(iii) 1.5 mm.sq.(L&N)	Meter	400
5.	Providing and installation Telephone wiring of Cat -6 wire (Dlink or equivalent make) as telephone wire from EPBX (existing) to the marked area in drawing , through wall (concealed in wall using conduits) including chasing of wall to place concealed conduits(25 mm diameter or higher dia. as required) including chasing using electric cutter and subsequent filling and repairing using 1:6 (1 cement, 6 fine sand) plaster to give a neat finish, and finishing in matching paint on top and through the existing metal false ceiling/ gypsum false ceiling , by carefully removing the existing panels/ making holes for passage, laying of conduits, placing the wires in conduits(flexible/ otherwise), securely fastened to wall/ ceiling using suitable brackets/ ties etc. and subsequent re-fixing of ceiling panel/ repairing the gypsum ceiling with existing specifications to return the ceiling to its original position all complete, any repairs resulting out of the above shall be included in this item. Above including the cost of cutting and fixing of telephone cord outlet RJ-45 with GI outlet box along with cover plate complete as required including crimping and jack etc.	Meter	100
6.	Providing and installation at positions as per drawing modular switches, sockets of (North West make) including switch box cover plate, chasing of walls and subsequent repair of wall for installation of switch boards for following quantity (note -in case of modular work stations, long wires shall be left to embed in provided raceway of work station later on and switches and sockets as per drawing to be fixed after supply of work stations):		
	(i) 15 (& 5) Amp switch with socket (RAW power)	No.'s	10
	(ii) 15 (& 5) Amp switch with socket (UPS power)	No.'s	04
	(iii) Data (LAN) I/O point (CAT6A, make: D-Link)	No.'s	04

(iv)	Telephone outlet point	No.'s	02
7.	Providing & installation of Gang Boxes size 8"X8" (Anchor Roma make) complete with cover plates	Nos.	03
8.	Providing and installation of Fan regulator Anchor Roma make	Nos.	12
9.	Providing and installation of Switches 6Amp (Anchor Roma make)	Nos.	30
10.	Providing & installation of Gang Boxes size 4"X3" (Anchor Roma make) complete with cover plates	Nos.	20
11.	Providing and installation of surface mounted LED 35-45W, 2'X2'Panel, (Phillips/CG/Havells) make including driver/ power supply/ adopter all complete. This including extension of wires from existing point in ceiling and cutting of existing ceiling as per the new light all complete.	Each	18
12.	Providing and installation of 16 way TP & N distribution box (LT / Schneider)	Each	01
13.	Providing and installation of MCB 63Amp rating (Havells/MDS or equivalent) including fixing in existing box or otherwise including all mounting gear and also including making all connections using recommended wiring etc all complete.	Each	01
14.	Providing and installation of RCCB 63Amp rating (Havells/MDS or equivalent) including fixing in existing box or otherwise including all mounting gear and also including making all connections using recommended wiring etc all complete.	Each	01
15.	Providing and installation of MCB 20 Amp rating (Havells/MDS or equivalent) including fixing in existing box or otherwise including all mounting gear and also including making all connections using recommended wiring etc all complete.	Each	05
16.	Providing and installation of MCB 10 Amp rating (Havells/MDS or equivalent) including fixing in existing box or otherwise including all mounting gear and also including making all connections using recommended wiring etc all complete.	Each	05
17.	Providing and installation of 16sqmm 3.5 core Armored Aluminum cable from existing Basement electrical room to required place of DB in AB-8 proposed store room with thimbles, gland complete in all respect.	Meter	35
18.	Providing and installation of 1200mm sweep Ceiling fan (Havells/ Bajaj/ Crompton Greaves make) including make provision of cutting of ceiling, with extended fan rod up to 24" to 30" all complete.	Each	12
19.	Providing and installation of switches (modular) for newly installed light fixtures including embedded box, cover plate etc. all complete (north west make)	Each	25
20.	Providing and installation of Industrial Ventilation Fan, size of 15" to 18" or as per site requirement (Crompton greaves/ Havells make)	Each	02
21.	Providing & Installation of 24 Port GigE manageable switch + 2x1G LAN Base (Cisco make) for LAN extension, including fixing and integration with the existing system/ server etc. all complete.	Each	01

Stamp of bidder with signature of authorized signatory,



NATIONAL INSTITUTE OF BIOLOGICALS
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PRICE-BID

Tender No. S.1-407/2017/NIB/Engg. (C/E)

Name of Work: Tender for “Construction of Store Rooms in the Basement of Administrative Building” at NIB Noida.

<i>Item No.</i>	<i>Description of Item</i>	<i>Unit</i>	<i>Qty.</i>	<i>Rate (Rs.)</i>	<i>Amount (Rs.)</i>
(A)					
1.	<p>Providing, installation testing and commissioning of pre painted Galvanized Iron (PPGI) wall partitions made of pre-fabricated panels jointed with cam Lock system & doors, windows, electrical switches etc. complete work as per following specification:</p> <ul style="list-style-type: none">• Material of construction (MOC): Pre Painted Galvanized Iron (PPGI).• Infill: Puff of 40 +_ 2 Kg. / Cum Density• Finish: Pre coated• Outer & inner skin Sheet thickness: 0.5 MM.• Panel thickness: 80MM• Panel Height: 3.75 M to 4.20 M (exact height to be measured by the supplier/ manufacturer at site)• Environmental acceptance: environment friendly “CFC Free”• Ignitability: To BS476 Part 5 “not easily ignitable”• Flammability: To IS 11239 “self-extinguishing”• Jointing arrangement: Cam Lock system• Water absorption: <1%• Guard Film: 50 micron thick PVC film for protection.• Sealing of joints/gaps: By transparent Silicone sealant.	Sqm.	125		

	<ul style="list-style-type: none"> • Accessories: U-Channels GI, as per requirement. • Fasteners: screws, bolts, nuts, rivets etc. as per requirement. 				
2.	<p>Providing and fixing aluminum work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up of gaps at junctions i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminum sections shall be smooth rust free straight, mitred and jointed mechanically wherever required including cleat angle, aluminum snap beading for glazing/ paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and directions of Engineer in charge. (Glazing, paneling and dash fasteners to be paid for separately).</p> <p>For fixed portion</p>				
	Polyester Powder coated aluminum (minimum thickness of polyester powder coating 50 micron).	Kg.	92		
3.	<p>For shutters of doors, windows & ventilators including providing and fixing hinge/pivots and making provision for fixing of fitting wherever required including the cost of EPDM rubber/ neoprene gasket required (Fitting shall be paid for separately).</p> <p>Polyester Powder coated aluminum (minimum thickness of polyester powder coating 50 micron).</p>	Kg.	30		
4.	<p>Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete</p> <p>Hot finished welded type tubes</p>	Kg.	705		

5.	Providing & fixing carbon steel galvanized (minimum coating 5 micron) dash fastener of 10 mm dia double threaded 6.8 grade (yield strength 480 N/mm ²) counter sunk head, comprising of 10 mm dia polyamide PA 6 grade sleeve, including drilling of hole in frame, concrete/masonry, etc. as per direction of Engineer-in-charge.				
	10 x 80 mm	Each	125		
6.	Providing & fixing 12 mm thick pre laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12883 Grade type II, in paneling fixed in aluminum doors, windows shutters and partition frame with C.P. brass/stainless steel screws etc. complete as per architectural drawings and directions of Engineer-in-charge.				
	Pre laminated particle board with decorative lamination on both sides	Sqm.	04		
7.	Providing and fixing aluminum work for doors, windows, ventilators and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and directions of Engineer-in-charge. (Cost of aluminum snap beading shall be paid in basic item.)				
	With float glass panes of 5.50 mm thickness	Sqm.	15		
8.	Providing & fixing aluminum round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in-charge.				
	Polyester power coated minimum thickness 50 micron	Each	06		
9.	Providing and fixing 100 mm brass locks (best make of approved quality) for aluminum doors including necessary cutting and making good etc. complete.	Each	03		
10.	Providing and fixing ISI marked aluminum butt hinges anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete.				
	100 X 63 X 3.2 mm	Each	12		

11.	Providing and fixing aluminum tower bolts, ISI marked, anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete.				
	200 X 10 mm	Each	03		
12.	Providing and fixing aluminum hanging floor door stopper, ISI marked, anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete.				
	Twin rubber stopper	Each	03		
13.	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	550		
14.	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	250		
15	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade.				
	One or more coats on old work	Sqm	550		
Civil Works, Total (A)					
(B) Electrical & IT Cell					
1.	Providing and installation of Wiring for LAN points with PVC insulated PVC sheathed annealed tinned copper conductor CAT-6A wire confirming to ITD-S/SW-113B in 20mm dia 16SWG surface/ concealed conduit up to LAN Switch, including cost of providing saddles etc as required for surface/flush and the cost of cutting and fixing of telephone cord outlet RJ-45 with GI outlet box along with cover plate complete as required including crimping and jack etc. This shall include installation of wire through the existing false ceiling (cost to	Meter	200		

	be included), and in the concealed conduits in walls (to be paid for separately). This shall also include the repair work/ making good any damage / breakage done to the walls / ceiling or any other route, in the existing specifications so as to give a complete and neat look. Above including the cost of cutting and fixing of telephone cord outlet RJ-45 with GI outlet box along with cover plate complete as required including crimping and jack etc.				
2.	Providing and installation of 38 mm diameter fire proof PVC conduits, bends , T's etc. (Setia/ equivalent brand) concealed in walls and ceiling. The above shall also include chasing of wall placing and fixing of conduits with suitable brackets/supports and subsequent repaired in plaster to give a neat finish all complete. This shall also include the repair work/ making good any damage/ breakage done to the walls/ ceiling or any other route, to be finished in the existing specifications so as to give a complete and neat look.	Meter	200		
3.	Providing and installation of 24mm diameter fire proof PVC conduits, bends , T's etc. (Setia/ equivalent brand) concealed in walls and ceiling. The above shall also include chasing of wall placing and fixing of conduits with suitable brackets/supports and subsequent repair in plaster to give a neat finish all complete. This shall also include the repair work/ making good any damage/ breakage done to the walls/ ceiling or any other route, to be finished in the existing specifications so as to give a complete and neat look.	Meter	80		
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	(1 cement, 6 fine sand) plaster to give a neat finish, and finishing in matching paint on top and through the existing metal false ceiling/ gypsum false ceiling, by carefully removing the existing panels/ making holes for passage, laying of conduits, placing the wires in conduits(flexible/ otherwise), securely fastened to wall/ ceiling using suitable brackets/ ties etc. and subsequent re-fixing of ceiling panel/ repairing the gypsum ceiling with existing specifications to return the ceiling to its original position all complete, any repairs resulting out of the above shall be included in this item. Following cores of wires to be provided--				
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	(ii) 2.5 mm.sq.(E)	Meter	300		
	(iii) 1.5 mm.sq.(L&N)	Meter	400		
5.	Providing and installation Telephone wiring of Cat -6 wire (Dlink or equivalent make) as telephone wire from EPBX (existing) to the marked area in drawing , through wall (concealed in wall using conduits) including chasing of wall to place concealed conduits(25 mm diameter or higher dia. as required) including chasing using electric cutter and subsequent filling and repairing using 1:6 (1 cement, 6 fine sand) plaster to give a neat finish, and finishing in matching paint on top and through the existing metal false ceiling/ gypsum false ceiling , by carefully removing the existing panels/ making holes for passage, laying of conduits, placing the wires in conduits(flexible/ otherwise), securely fastened to wall/ ceiling using suitable brackets/ ties etc. and subsequent re-fixing of ceiling panel/ repairing the gypsum ceiling with existing specifications to return the ceiling to its original position all complete, any repairs resulting out of the above shall be included in this item. Above including the cost of cutting and fixing of telephone cord outlet RJ-45 with	Meter	100		

	GI outlet box along with cover plate complete as required including crimping and jack etc.				
6.	Providing and installation at positions as per drawing modular switches, sockets of (North West make) including switch box cover plate, chasing of walls and subsequent repair of wall for installation of switch boards for following quantity (note -in case of modular work stations, long wires shall be left to embed in provided raceway of work station later on and switches and sockets as per drawing to be fixed after supply of work stations) -				
6 (i)	15 (& 5) Amp switch with socket (RAW power)	No.'s	10		
6(ii)	15 (& 5) Amp switch with socket (UPS power)	No.'s	04		
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12.	Providing and installation of 16 way TP & N distribution box (LT / Schneider)	Each	01		
13.	Providing and installation of MCB 63Amp rating (Havells/MDS or equivalent) including fixing in existing box or otherwise including all mounting gear and also including making all connections	Each	01		

	using recommended wiring etc all complete.				
14.	Providing and installation of RCCB 63Amp rating (Havells/MDS or equivalent) including fixing in existing box or otherwise including all mounting gear and also including making all connections using recommended wiring etc all complete.	Each	01		
15.	Providing and installation of MCB 20 Amp rating (Havells/MDS or equivalent) including fixing in existing box or otherwise including all mounting gear and also including making all connections using recommended wiring etc all complete.	Each	05		
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	existing system/ server etc. all complete.				
	Electrical & IT Work, Total (B)				
	Total (Civil Works (A) + Electrical & IT works (B)				
	Goods & Services Tax (GST) @				
	Total Including tax				

Grand Total A (Civil Work) +B (Electrical & IT Work)

(In figure)

(In words):

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Note:

- i) *Validity of Bid shall be 90 days from the last date of submission of the bid.*
- ii) *Taxes % and amount, if, not specified in Price-Bid will be treated as inclusive and basic rates will be arrived after reverse calculation of GST as applicable.*
- ii) *Any vague term such as GST as per Rule as applicable will not be considered for evaluation.*

Stamp of bidder with signature of authorized signatory