

**NOTICE INVITING TENDER FOR
SETTING-UP CENTRALISED EQUIPMENT LAB FOR DIAGNOSTIC
KIT LAB, IN NIB NOIDA.**

Tender No. 01/2017-2018/Engg.(C)

SCHEDULE OF BIDS

1	Period of issue / download of Tender document	10.04.2017 to 01.05.2017
2	Last Date & time of submission of Tenders	01.05.2017 at 3:00 P.M
3	Pre Bid meeting	21.04.2017 at 12:00 Noon
4	Date & time of Opening of Technical Bids	01.05.2017 at 4:00 P.M
5	Opening of Price Bids	To be intimated separately only to the technically qualified bidders.
6	Tender Fee	Rs. 525/- (Rs. <i>Five hundred twenty five only</i>) including 5% U.P. VAT, by demand draft in favour of "National Institute of Biologicals, Noida" payable at Noida.
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-	

MARCH – 2017



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 (NIB)



NATIONAL INSTITUTE OF BIOLOGICALS
Plot No.A-32, Sector-62(Institutional Area), NOIDA-201 309(U.P)
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NOTICE INVITING TENDERS

Tender No. 01/2017-2018/Engg. (C)

Invitation to Tenders for “Setting-up Centralised Equipment Lab. for Diagnostic Kit Lab.” in NIB Noida.

Sealed tenders are invited in two bid system from experienced civil work contractors on the attached tender form for “**Setting-up Centralised Equipment Lab. for Diagnostic Kit Lab.**” in NIB Noida. Bidders are advised to quote competitive rates for this work, on the enclosed tender format including all taxes, duties, labour, T & P etc. required for proper completion of the work. Tender forms can be purchased from Finance Section of NIB, on all working days from 10:00 AM to 5:00 PM on payment of **Rs. 525/- (Five hundred twenty five only)** in the shape of demand draft drawn in favour of “*National Institute of Biologicals*” payable at Noida. The tender form can also be downloaded from NIB Website www.nib.gov.in or Central Procurement Portal of Govt. of India from **10.04.2017** to **01.05.2017**. However tender fee must be submitted along with the tender document down loaded from website.

Sealed tender should be dropped in tender box at NIB, Noida, on or before the closing date, i. e. **01.05.2017** up to **3:00 P. M.** Techno- commercial 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 will be 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)
Dy. Director (Admin.) i/c

National Institute of Biologicals (NIB)



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Tender No. 01/2017-2018/Engg. (C)

Invitation to Tenders for “Setting-up Centralised Equipment Lab. for Diagnostic Kit Lab.” in 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, five 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:

A hall of approx. size 14 m X 6.50 m located at ground floor of the Laboratory Building is to be converted into Equipment Lab. A small cubical will be created at the corner of the Hall by providing glass partitions and glass door. Existing Gypsum board false ceiling and wall partitions will be cut for laying services and the same shall be made good after the services are installed. Existing Stainless Steel (SS) doors are to be painted with PU paint in present colour shade. The damaged false ceiling shall be repaired by removing damaged patches, re-fixing new board, carrying out necessary repairs by filling undulations with plaster of paris, chalk mitti etc., applying priming coat and epoxy paint in approved colour shade. Necessary cut-outs for light fittings, AC grills, fire sprinklers etc. will be made in the false ceiling. The repaired portion of the false ceiling will be finished and painted with epoxy primer, paint.

A readymade Safety Shower system as per specification mentioned in Bill of Quantity (BOQ) shall be installed in the hall inside the glass cubical. The contractor will arrange water connection to emergency shower from the nearest water line by extending the

National Institute of Biologicals (NIB)

line suitably. Drainage system with gully trap, brick masonry chambers with C.I. cover & frame of required size will be provided and laid.

All necessary connections for drain line or sewer line including fixing 3 layer PP-R (Poly Propylene Random Copolymer) pipes with existing manhole will be done by the contractor. The work site will be cleaned- off any debris, malwa etc. and the debris, malwa shall be disposed- off outside NIB Campus at municipal designated dump yard. The contractor will execute the work in close co-ordination with NIB officials. The work site shall be cleaned thoroughly after completion of work.

All works shall be carried out as per specifications mentioned in the tender /as per CPWD specifications. **The bidders are strongly advised to visit the site and participate in the Pre-Bid meeting to understand the scope of work before quoting their rates.**

2. **Eligibility Criteria:**

- 1.1. 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.
- 1.2. The Applicant to meet the following minimum criteria for eligibility:
- 1.3. The firm should have minimum three years standing in the market.
 - (a) Average Annual financial turnover for related works during the last three financial years, ending 31st March, 2016 should be at least **Rs. 25.00 lakh**.
 - (b) Experience of having successfully completed similar works during the last seven years ending 31st Aug, 2016 should be either of the following.
 - a) Three similar completed works each costing not less than the amount equal to **Rs. 4.0 lakh each**.
 - or**
 - b) Two similar completed works each costing not less than the amount equal to **Rs. 6.0 lakh each**.
 - or**
 - c) One similar completed work costing not less than the amount equal to **Rs. 8.0 lakh**.

- 1.4. **Definition of Similar Work:** Experience of Civil, Electro-mechanical works in any Govt. office or large private sector company.
- 1.5. **Eligibility of the bidder will be solely evaluated on the basis of documents submitted by them in support of Eligibility Criteria required at 2.1 to 2.4 above**

(a) The bidders are required to necessarily submit documents showing similar work experience certificate and balance sheet or certificate from chartered accountant in support of their financial turnover during the last three Financial Years i.e. 2013-2014, 2014-2015 and 2015-2016. Please note that if work experience and financial turn over documents as mentioned above are not found with the technical bid, the bid may be taken as non-responsive and NIB may straight away reject the bid without seeking any further clarification / document or intimation to the bidder.

3. Earnest Money Deposit (EMD):

The Bidder shall furnish EMD of **Rs. 20,000/-** (*Twenty 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 bidders after award of the work. The tender not accompanied with requisite amount of EMD shall be rejected. No interest will be paid on EMD.

4. Site Visit:

- 4.1 The bidder are advised to acquaint himself with the job 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.

- 4.2 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. Submission of Tender:

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

Envelope No. 1 - shall contain:

- EMD, in the form of demand draft for **Rs. 20,000/-** (*Twenty thousand only*) in favour of **National Institute of Biologicals, Noida**

National Institute of Biologicals (NIB)

- Tender fee of **Rs. 525/-** if tender document downloaded from NIB website etc.
- Similar work experience certificates in support of fulfilling the eligibility criteria, by the bidder.
- Balance sheet of the company for the last three financial years (**2013-2014, 2014-2015 and 2015-2016**) or **certificate from C.A. to this effect.**
- 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 20**)

Envelope No. 2 – Shall contain:

- Price-Bid only. Price shall be filled up by the bidder on the Price-Bid format (**Page No. 22 to 29**) enclosed with the tender by NIB. Price on any other format or letter head of the bidder may be rejected.

Both the sealed envelopes No. 1 & 2 shall be then put in a bigger envelope duly addressed to **“Director, National Institute of Biologicals, A-32, Sector - 62, Noida - 201 309”** and marked on top Tender for **“Setting-up Centralised Equipment Lab. for Diagnostic Kit Lab.”** in NIB Noida.

6. Evaluation & Award of work:

- 6.1 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 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 considering their bid/ award of work.
- 6.2 Substantially responsive financial bids will be checked for any arithmetic errors. Arithmetic errors are to be rectified on the basis of the standard procedure as follows:
- a) If there is a difference between the amount of rate in figure and in words of an item, and the total amount is worked out, then the rate which corresponds to the amount worked by the bidder shall be taken as correct.
 - b) If the bidder has not worked out the amount of an item, or the same does not correspond with the rates written either in figures or in words, then the rate quoted by him in words shall be taken as correct.

c) If the rate quoted by the bidder in figures and in words tallies, but the amount is not worked out correctly, the rate quoted by the contractor shall be taken as correct and not the amount.

7. Performance Security:

7.1 Within 7 days of receipt of work order from NIB, the successful firm shall furnish the 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**”.

7.2 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.

8. 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.

9. Time of Completion:

The work shall be completed within **2 (Two) months** from the date of issue/ receipt of work order.

10. 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 2% per week/part thereof delay subject to maximum 10% of the total work value shall be deducted/ recovered from the contractor.

11. Specifications:

The materials proposed and supplied for use in the work shall be of requisite specifications as specified in the tender and also, reputed make in the industry. The
National Institute of Biologicals (NIB)

agency may be asked to show proof such as bills/challans/Invoices towards purchase of materials from genuine source.

12. Defect Liability Period:

The materials & work of the contractor shall be under *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 Security Deposit of the Contractor shall be forfeited. The contractor may also be debarred from any future tendering in the Institute.

13. Payment:

Final payment will be made after completion of the work & handing over of the works & materials to NIB. The contractor will submit the bill and payment shall be made within 15 (Fifteen) days from receipt of the bill. Applicable taxes i. e. W.C.T. and TDS etc. will be deducted from the amount payable to the contractor. No advance payment shall be made to the contractor.

14. Bill of Quantity:

The quantities of work given in the Bill of Quantities (*BOQ*) are approximate to give an idea of work. Work will be carried out as per the given scope. The quantities may vary 25% on higher or lower side. The contractor will execute the varied quantity of work on the quoted rates. Payment will be made as per actual quantity of work done at site.

15. Validity of Bid:

Validity of bid shall be **90** (*Ninety*) days from the last date of submission of the bid.

16. a) Tools & Tackles:

All tools, tackles such as paint brush, ladders, plate forms, spray machine 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 near the work place 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) Ionising 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. CHECK LIST FOR TECHNO COMMERCIAL BID
(Envelope No. 1)**

Srl. No.	Documents	Details of attached document	Attached Yes/ No
1.	Work experience as per Clause 2, Eligibility Criteria.		
2.	Financial Turnover, Balance Sheets or Certificate from CA for turn over during. 2013 - 2014 2014 - 2015 2015 - 2016		
3.	EMD in the shape of Demand Draft (DD) Rs. 20,000/-		
4.	Signed & sealed tender document page No. 1 to 29		

20. Particulars of bidders:

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

Details of Bidder

1.	Name of Company/ firm/ agency with full address	
2.	Name of Contact Person	
3.	Mobile No.	
4.	Land Line Telephone No.	
5.	E-mail address	

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,

National Institute of Biologicals (NIB)

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

National Institute of Biologicals (NIB)

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

National Institute of Biologicals (NIB)

or requiring enforcement of any other security shall have the effect of 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 relived of and discharged from our liabilities thereunder.

Datedday of2017.

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 sixteen (2016) 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.

National Institute of Biologicals (NIB)

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-201 307(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. 01/2017-2018/Engg. (C)

Name of work: Tender for "Setting-up Centralised Equipment Lab. for Diagnostic Kit Lab." - in NIB Noida.

Srl. No.	Description of Item	Unit	Quantity
A.	<u>Civil Works:</u>		
1.	Removing dry or oil bound distemper, water proofing cement /epoxy coating of wall by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sqm.	200
2.	Providing and applying white cement based putty of average thickness 1 mm, over the plastered wall surface to prepare the surface even and smooth complete work.	Sqm.	200
3.	Applying primer base for epoxy coating on wall/Ceiling. Complete Work.	Sqm.	200
4.	Painting work on wall/ false ceiling with epoxy paint two or more coats on new work with approved quality epoxy paint of ICI Dulex or equivalent make including applying priming coat in the colour shade matching with existing. Two or more coats to make the surface smooth. Complete Work.	Sqm.	200
5.	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing's and false ceilings including disposal of unserviceable surplus material and stacking of serviceable material within 50 meters lead as directed by Engineer In charge.	Sqm.	10
6.	Disposal of building rubbish/ malba/ similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping grounds or as approved by engineer in charge, beyond 50m initial lead, for all leads including all lifts involved.	Cum.	2.00
7.	Providing and fixing of 12 mm thick toughened glass partition (glass of M/s Saint gobain or M/s Asahi make), using U channel OGL-PR-11(ozone make) with S. S. flip cover, to be fixed to floor and wall using suitable approved S.S. rawl plugs/ anchor bolts at a maximum distance of 600mm c/c, and sealing the joint with approved make of silicone sealent (dow cowning make). The glass to be etched / frosted as per drawing provided. The item shall include fixing accessories like border S.S. tube (38x38mm) etc. (All in stainless steel) if any required at time of installation.	Sqm.	12

National Institute of Biologicals (NIB)

8.	Providing and installation of 12 mm thick toughened glass door having glass of M/s Saint gobain or M/s Asahi make of size 1200x2100 mm or as per site and design as per drawing, including etching/ frosting (as per drawing provided) and providing of S.S. fitting, floor spring FS 7400, with pivot OPF 3, upper fittings--OPF 2 and pivot OFS-ACC-GDP, locking member OPL-1, handles--OGH- 55 (brushed steel finish) of min. length 450mm on both sides. (All of ozone make) etc. all complete.	Each	01
9.	Painting of stainless steel doors with PU paint, using PU putty etc. including s/o compressor all materials, labour, T&P etc. required for proper completion of work.	Sqm.	12
10.	Repairing of damaged gypsum board false ceiling in patches using 12.5mm thick tapered edge gypsum plain board conforming to IS: 2095-Part-1, including removal by mechanical/ manual means (using cutter etc.), without damaging the existing frame work, putting up new gypsum board using standard approved screws/ fixing details etc. applying standard recommended adhesive/ tape to hide joints, applying putty etc. and subsequently applying priming coat using standard approved base paint, etc. all complete.	Sqm.	37
11.	Providing and making connection with the nearest water line, using standard fittings ,including chasing in walls, excavation in ground etc. for making connection with the existing line, and making good, all the walls / ground to give a finished and neat look. This would include all the elbows, T's, reducers, etc. all in CPVC plain / brass threaded as may be required for completion.	L-S	01
12.	Excavating trenches of required width for pipes, cables etc. including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 m, including getting out the excavated soil and then returning the soil as required, in layers not exceeding 20cm in depth including consolidating each deposited layer by ramming, watering etc. and disposing of surplus excavated soil as directed, within a lead of 50m. All Kind of Soil, Pipes, cables etc. not exceeding 80 mm dia.	meter	12.00
13.	Providing & fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300X300 mm size (inside) the weight of cover to be not less than 4.50kg and frame to be not less than 2.70kg as per standard design: 100X100 mm size P type. With common burnt clay F.P.S (non-modular) brick of class designation 7.5	Each	02
14.	Constructing brick masonry manhole in cement mortar 1:4 (1 cement:4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement: 2 coarse sand : 4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1cement :4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand :4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design: Inside size 90X80 cm and 45 cm	each	03

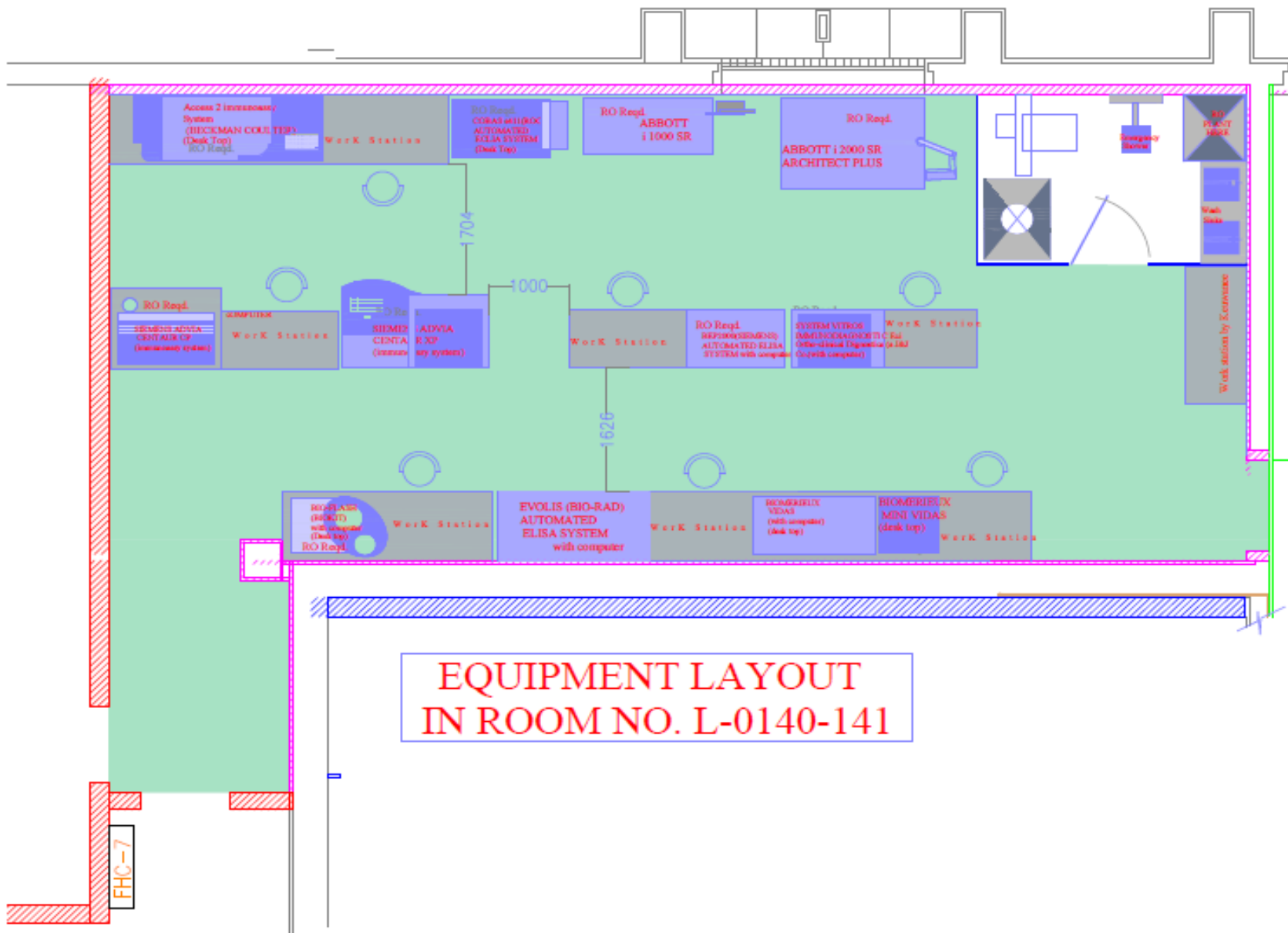
	deep including C.I cover with frame 9light duty) 455X610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15kg.): With common burnt clay F.P.S (non-modular) bricks of class designation 7.5.		
15.	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes SDR 7.4, U V Stabilized & anti-microbial fusion welded, having thermal stability for hot & cold water supply, including all PP-R plain & brass threaded polypropylene random fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes testing of joints complete as per direction of Engineer in Charge. PN-16 Pipe, 50 mm OD.	Metre	11
16.	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement and making necessary channels for the drain etc. complete. For pipe 100 to 250mm diameter.	Each	01
17.	Core Cutting in RCC wall using mechanical core cutter of following diameter of pipes : 100 mm dia.	each	02
18.	Providing and fixing of bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts/ fixing arrangement for 100mm dia. UPVC pipe including jointing using standard UPVC jointing tape/adhesive as/ manufacturer specifications etc. all complete.	Each	02
19.	Providing and fixing plain bend of required degree for 100mm dia UPVC pipe including fixing arrangement including jointing using standard UPVC jointing tape/adhesive as/ manufacturer specifications etc. all complete.	Each	02
20.	Providing and fixing on wall face uplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 110 mm diameter (For underground drain pipe with fitting).	Meter	10
21.	Providing and installation of readymade safety shower system, stainless steel consisting of Emergency Combination Eye/Face Wash Push Lever & Pedal Operated Description: CSS 304) Combination Unit of PUSH LEVER/PEDAL operated Eye/face Wash fountain & Pull Rod Operated Drench Shower in SS 304 with - SS 304 twin cushion flow atomizer with Aerator type filter and pop off dust covers - SS 304 receptor bowl drench shower head with perforated spreader - 1/2" & 1" SS 304 ball valves - SS 304 pipes and fittings with pedestal.- Supply - 1 1/4" female thread Drain - 1 1/4" female thread -Recommended Pressure: 30psi (min.). Activation: Both Eye Wash & Safety Shower operates independently or simultaneously where Eye Wash operates by push plate/pedal and Safety Shower operates by pull rod finished, as per the direction of NIB including, fixing and testing.	Each	01

B.	<u>Electrical Works:</u>		
22.	Providing and installation of 38mm 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 repairer 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.	150	mtr.
23.	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 refaxing 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 provide--		
23.1	2.5 sq.mm core (L & N)	375	mtr.
23.2	1.5 mm core(E)	190	mtr.
23.3	4 sq.mm. core (L & N)	11250	mtr.
23.4	2.5 mm.sq.(E)	3750	mtr.
23.5	4 sq.mm. , 5 core (3P,N,E) wire	375	mtr.
24.	Providing and installation 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 refaxing 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.	750	mtr.

25.	Providing and installation at positions as per drawing modular switches (compatible with raceway including plate), sockets of (North West or Legrand make) including switch box cover plate.		
25.1	15 (& 5) amp switch with socket (raw power)	30	no.'s
25.2	15 (& 5)amp switch with socket (ups power)	30	no.'s
25.3	telephone outlet point	06	no.'s
25.4	15 (3 phase) socket (compatible with 5 core wire)	03	no.'s
26.	Providing and installation of MCB 32 Amp (Havells/MDS or equivalent) rating including fixing in existing box or otherwise including all mounting gear etc. all complete	30	each
27.	Providing and installation of RCCB 32Amp (4 pole) (Havells/MDS or equivalent) rating including fixing in existing box or otherwise including all mounting gear etc. all complete	03	each
28.	Providing and laying/ fixing of PVC Race way of min. Dimension 100x50 mm, of Legrand or equivalent make, with partition for power wiring., including fixing of all bends/ elbow joints, corner plates, and any other accessory and fixing detail required etc. all complete.	75	meter
29.	Providing and installation of LED down lighter 15watt, Phillips/Havells/CG make including choke/driver etc. all complete. This including extension of wires from existing point in ceiling and cutting of existing ceiling as per the new light all complete.	30	each
30.	Providing and installation of VTPN (16 way) with 36 MCB slots (Havells/ Anchor or equivalent make)	01	each
31.	Providing and fixing of 100AMP MCCB (3 phase) (Havells/L&T/anchor equivalent make).	01	each
C.	<u>Air-conditioning Works:</u>		
32.	Supply & installation the Booster Fans (12" size, 230 Volt, single phase, 50Hz, M/s Carryair/ M/s EVM Germany/M/s Osverg Sweden) for supply with provision to make the plenum, flexible duct including insulation (Materials - XLPE foam) with complete the respective in existing inlet duct.	02	Nos.
33.	Supply & installation of electrical accessories i.e. electrical switches, Wires, regulators for controlling the speed (High, Medium & Low) etc. of M/s Anchor or equivalent make for with complete work for the above.	Job	Complete

Stamp of bidder with signature of authorized signatory,

National Institute of Biologicals (NIB)





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

PRICE-BID

Tender No. 01/2017-2018/Engg. (C)

Name of work: Tender for "Setting-up Centralised Equipment Lab. for Diagnostic Kit Lab." in NIB Campus Noida.

Srl. No.	Description of Items	Unit	Qty.	Rate (in figure & words) (Rs.)	Amount (in figure & words) (Rs.)
1.	Removing dry or oil bound distemper, water proofing cement /epoxy coating of wall by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sqm.	200		
2.	Providing and applying white cement based putty of average thickness 1 mm, over the plastered wall surface to prepare the surface even and smooth complete work.	Sqm.	200		
3.	Applying primer base for epoxy coating on wall/Ceiling. Complete Work.	Sqm.	200		
4.	Painting work on wall/ false ceiling with epoxy paint two or more coats on new work with approved quality epoxy paint of ICI Dulex or equivalent make including applying priming coat in the colour shade matching with existing. Two or more coats to make the surface smooth. Complete Work.	Sqm.	200		

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5.	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing's and false ceilings including disposal of unserviceable surplus material and stacking of serviceable material within 50 meters lead as directed by Engineer In charge.	Sqm.	10		
6.	Disposal of building rubbish/ malba/ similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping grounds or as approved by engineer in charge, beyond 50m initial lead, for all leads including all lifts involved.	Cum.	2.00		
7.	Providing and fixing of 12 mm thick toughened glass partition (glass of M/s Saint gobain or M/s Asahi make), using U channel OGL-PR-11(ozone make) with S. S. flip cover, to be fixed to floor and wall using suitable approved S.S. rawl plugs/ anchor bolts at a maximum distance of 600mm c/c, and sealing the joint with approved make of silicone sealent (dow cowning make). The glass to be etched / frosted as per drawing provided. The item shall include fixing accessories like border S.S. tube (38x38mm) etc. (All in stainless steel) if any required at time of installation.	Sqm.	12		
8.	Providing and installation of 12 mm thick toughened glass door having glass of M/s Saint gobain or M/s Asahi make of size 1200x2100 mm or as per site and design as per drawing, including etching/ frosting (as per drawing provided) and providing of S.S. fitting, floor spring FS 7400, with pivot OPF 3, upper fittings--OPF 2 and pivot OFS-ACC-GDP, locking member OPL-1, handles--OGH- 55 (brushed steel finish) of min. length 450mm on both sides. (All of ozone make) etc. all complete.	Each	01		
9.	Painting of stainless steel doors with PU paint, using PU putty etc. Including s/o compressor all materials, labour, T&P etc. required for proper completion of work.	Sqm.	12		

10.	Repairing of damaged gypsum board false ceiling in patches using 12.5mm thick tapered edge gypsum plain board conforming to IS: 2095-Part-1, including removal by mechanical/ manual means (using cutter etc.), without damaging the existing frame work, putting up new gypsum board using standard approved screws/ fixing details etc. applying standard recommended adhesive/ tape to hide joints, applying putty etc. and subsequently applying priming coat using standard approved base paint, etc. all complete.	Sqm.	37		
11.	Providing and making connection with the nearest water line, using standard fittings ,including chasing in walls, excavation in ground etc. for making connection with the existing line, and making good, all the walls / ground to give a finished and neat look. This would include all the elbows, T's, reducers, etc. all in CPVC plain / brass threaded as may be required for completion.	L-S	01		
12.	Excavating trenches of required width for pipes, cables etc. including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 m, including getting out the excavated soil and then returning the soil as required, in layers not exceeding 20cm in depth including consolidating each deposited layer by ramming, watering etc. and disposing of surplus excavated soil as directed, within a lead of 50m. All Kind of Soil, Pipes, cables etc. not exceeding 80 mm dia.	meter	12.00		
13.	Providing & fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300X300 mm size (inside) the weight of cover to be not less than 4.50kg and frame to be not less than 2.70kg as per standard design: 100X100 mm size P type. With common burnt clay F.P.S (non-modular) brick of class designation 7.5	Each	02		

14.	Constructing brick masonry manhole in cement mortar 1:4 (1 cement:4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement: 2 coarse sand : 4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1cement :4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand :4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design. Inside size 90X80 cm and 45 cm deep including C.I cover with frame (light duty) 455X610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15kg.).With common burnt clay F.P.S (non-modular) bricks of class designation 7.5.	each	03		
15.	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes SDR7.4, U V Stabilized & anti-microbial fusion welded, having thermal stability for hot & cold water supply, including all PP-R plain & brass threaded polypropylene random fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes testing of joints complete as per direction of Engineer in Charge. (PN-16 Pipe, 50 mm OD).	Metre	11		
16.	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement and making necessary channels for the drain etc. complete. For pipe 100 to 250mm diameter.	Each	01		

17.	Core Cutting in RCC wall using mechanical core cutter of following diameter of pipes : 100 mm dia.	each	02		
18.	Providing and fixing of bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts/ fixing arrangement for 100mm dia. UPVC pipe including jointing using standard UPVC jointing tape/adhesive as/ manufacturer specifications etc. all complete.	Each	02		
19.	Providing and fixing plain bend of required degree for 100mm dia UPVC pipe including fixing arrangement including jointing using standard UPVC jointing tape/adhesive as/ manufacturer specifications etc. all complete.	Each	02		
20.	Providing and fixing on wall face uplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 110 mm diameter (For underground drain pipe with fitting).	Meter	10		
21.	Providing and installation of readymade safety shower system, stainless steel consisting of Emergency Combination Eye/Face Wash Push Lever & Pedal Operated Description: CSS 304) Combination Unit of PUSH LEVER/PEDAL operated Eye/face Wash fountain & Pull Rod Operated Drench Shower in SS 304 with - SS 304 twin cushion flow atomizer with Aerator type filter and pop off dust covers - SS 304 receptor bowl drench shower head with perforated spreader - 1/2" & 1" SS 304 ball valves - SS 304 pipes and fittings with pedestal.- Supply - 1 1/4" female thread Drain - 1 1/4" female thread -Recommended Pressure: 30psi (min.). Activation: Both Eye Wash & Safety Shower operates independently or simultaneously where Eye Wash operates by push plate/pedal and Safety Shower operates by pull rod finished, as per the direction of NIB including, fixing and testing.	Each	01		
	Total (A- Civil Works)				

B.	<u>Electrical Works:</u>				
22.	Providing and installation of 38mm 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 repairer 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.	150	mtr.		
23.	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 refaxing 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 provide--				
23.1	2.5 sq.mm core (L & N)	375	mtr.		
23.2	1.5 mm core(E)	190	mtr.		
23.3	4 sq.mm. core (L & N)	11250	mtr.		

23.4	2.5 mm.sq.(E)	3750	mtr.		
23.5	4 sq.mm. , 5 core (3P,N,E) wire	375	mtr.		
24.	Providing and installation 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 refaxing 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.	750	mtr.		
25.	Providing and installation at positions as per drawing modular switches (compatible with raceway including plate), sockets of (North West or Legrand make) including switch box cover plate.				
25.1	15 (& 5) amp switch with socket (raw power)	30	no.'s		
25.2	15 (& 5)amp switch with socket (ups power)	30	no.'s		
25.3	telephone outlet point	06	no.'s		

25.4	15 (3 phase) socket (compatible with 5 core wire)	03	no.'s		
26.	Providing and installation of MCB 32 Amp (havells or equivalent) rating including fixing in existing box or otherwise including all mounting gear etc. all complete	30	each		
27.	Providing and installation of RCCB 32Amp (4 pole) (havells or equivalent) rating including fixing in existing box or otherwise including all mounting gear etc. all complete	03	each		
28.	Providing and laying/ fixing of PVC Race way of min. Dimension 100x50 mm, of Legrand or equivalent make, with partition for power wiring., including fixing of all bends/ elbow joints, corner plates, and any other accessory and fixing detail required etc. all complete.	75	meter		
29.	Providing and installation of LED down lighter 15watt, Phillips make including choke/driver etc. all complete. This including extension of wires from existing point in ceiling and cutting of existing ceiling as per the new light all complete.	30	each		
30.	Providing and installation of VTPN (12 way) with 36 MCB slots (havells or equivalent make)	01	each		
31.	Providing and fixing of 100AMP MCCB (3 phase) (havells/ equivalent make).	01	each		
	Total (B- Electrical Works)				
C.	<u>Air-conditioning Works:</u>				
32.	Supply & installation the Booster Fans (12" size, 230 Volt, single phase, 50Hz, M/s Carryair/ M/s EVM Germany/M/s Osverg Sweden) for supply with provision to make the plenum, flexible duct including insulation (Materials - XLPE foam) with complete the respective in existing inlet duct.	02	Nos.		

33.	Supply & installation of electrical accessories i.e. electrical switches, Wires, regulators for controlling the speed (High, Medium & Low) etc. of M/s Anchor or equivalent make for with complete work for the above.	Job	Complete		
	Total (C- Air-conditioning Works)				
	Total (A+B+C)				
	Service tax @..... if any				
	Total amount with tax				

Amount (in words):

.....

- i) **Validity of Bid shall be 90 days from the last date of submission of the bid.**
- ii) **Taxes/ duties not specified in Price-Bid will be treated as inclusive.**
- iii) **The bidders are strongly advised to visit the site and participate in the Pre-Bid meeting to understand the scope of work before quoting their rates.**

Stamp of bidder with signature of authorized signatory,