

PUNJAB NATIONAL BANK

TENDER DOCUMENT

FOR

**Civil/Plumbing, Interior Furnishing & Electrical works
for Digihut of Punjab National Bank at Hall of Fame,
Leh, Ladakh.**

**PUNJAB NATIONAL BANK
General Administration Department
Circle Office (New Delhi)
4thFloor, Rajendra Bhawan,
Rajendra Place,
New Delhi-110008.**

Civil/Plumbing, Interior Furnishing & Electrical works for Digihut of Punjab National Bank at Hall of Fame, Leh, Ladakh.

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1. BID DETAILS

1.	Tender Reference	RENO/COND/DIGIHUT-LEH/2020/02
2.	Date of commencement of Tender download	23.10.2020 from 10:00 hrs
3.	Last date and time of acceptance of queries	27.10.2020 till 17:00 hrs
4.	Last date and time downloading tender	31.10.2020 till 15:00 hrs
5.	Bid preparation and Hash Submission	31.10.2020 till 15:00 hrs
6.	Close for Technical and Commercial Bid	31.10.2020 from 15:01 hrs to 16:00 hrs
7.	Last Date for Bid Submission and re-encryption	31.10.2020 from 16:01 hrs to 02.11.2020 till 11:00 hrs
8.	EMD & Technical Bid opening	02.11.2020 from 11:30 hrs
9.	Cost of Tender Document	Rs. 1,180/- (non-refundable) {1000/- + GST} in the form of Demand Draft in favour of Punjab National Bank payable at New Delhi.
10.	Earnest Money Deposit Amount	Rs.27,000/- (Rs.Twenty Seven Thousand Only) in the form of Demand Draft in favour of Punjab National Bank payable at New Delhi . EMD should be submitted along with Technical Bid.
11.	Estimated Cost of Project	Rs.13.50 Lacs (Rs.Thirteen Lacs Fifty Thousand Only) Approx.
12.	Place of opening of Bids	Punjab National Bank, General Administration Department, Circle Office-New Delhi 4 th Floor, Rajendra Bhawan, Rajendra Place New Delhi 110008.
13.	Contact Details	Chief Manager Punjab National Bank, General Administration Department, Circle Office-New Delhi 4 th Floor, Rajendra Bhawan, Rajendra Place New Delhi 110008 011-25754239, 25754686 9816071065, 9818389148

Bank shall follow the e-procurement process. Complete details of requirements for participation in e-procurement process are available on the Website of Punjab National Bank <https://pnbindia.in> and <https://etender.pnbnet.in>. **It is mandatory for the bidder to get itself registered on bank's Website for submission of online bids.**

Note: - Technical bids will be opened in the presence of bidders who choose to attend as above. The above schedule is subject to change. Notice of any changes will be published on Bank's website <https://pnbindia.in> and <https://etender.pnbnet.in>. Further, please note that commercial bid opening date and time will be intimated to the technically qualified bidders at a later date.

2. PURPOSE OF TENDER

The Bank intends to get the civil/plumbing, interior furnishing, electrical etc. works at the said Digihut as per details given in schedule of quantities/BOQ in tender documents.

3. ELIGIBILITY CRITERIA

1. The Bidder should possess the requisite experience, resources and capabilities in providing the services necessary to meet the requirements, as described herein. The Bidder should also possess the technical know-how and the financial wherewithal that would be required to complete the scope of work. The Bid must be complete in all respects and should cover the entire scope of work as stipulated in the document. Bidders not meeting the Eligibility Criteria will not be considered for further evaluation.
2. The bid is open to contractors/reputed proprietorship/registered partnership firms/organizations/companies registered under Companies Act, 1956 provided they fulfil the minimum eligibility criteria mentioned in tender document. Consortium/Joint Ventures and Special Purpose Vehicles are not eligible to participate in bidding process. The proposal not complying with minimum eligibility criteria, as enumerated below, will be rejected summarily and will not be considered for evaluation of technical bid. The proposal should adhere to following eligibility criteria :

S. No	Minimum Eligibility Criteria
1	<p>The Bidder should have been in existence at least for the last three years and should have satisfactorily completed either of the following similar works during last 7 (Seven) years ending last day of the month of /Sep. 2020 with Punjab National Bank or any other Nationalized Bank/Public Sector Bank.</p> <p>1. One similar nature completed work costing not less than the amount equal to Rs.15.00.Lacs</p> <p style="text-align: center;">Or</p> <p>2. Two similar nature completed works costing each not less than the amount equal to Rs.12.00Lacs</p>

	<p style="text-align: center;">Or</p> <p>3. Three similar nature completed works costing each not less than the amount equal to Rs.10.00Lacs</p> <p>Similar work means civil/plumbing, Interior furnishing, Electrical works, all composite executed under one agreement.</p> <p>Components of work executed other than those included in definition of similar shall be deducted while calculating cost of similar work. Bidder shall submit abstract of cost of work duly certified by employer/client in support of this.</p> <p>The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple interest of 7% per annum, calculated from the date of completion to the last date of receipt of application for tender.</p> <p>Note: Civil/plumbing, furnishing, electrical work etc. / retrofit / modernization / up gradation works having scope of Civil, Interior furnishing, Electrical Installation, Sanitary & Plumbing Works of existing / already constructed building executed under single agreement shall be considered as similar work.</p>
2	<p>The minimum average annual turnover of Bidder for the last three financial years i.e. 2017-18, 2018-19, 2019-20 ** must not be less than 15Lacs. Bidder has to upload audited Balance sheet and Profit & Loss statement details for these financial years.</p> <p>The multiplication factor of 7% per annum simple interest is not applicable on the Annual Financial Turnover figures.</p>
3	<p>The bidder should not have been black-listed/ barred by any Public Sector Bank, RBI or IBA or any other Government/PSU agencies. An undertaking in this regard is to be submitted to Bank by Bidder.</p>

** In case, the company/bidder does not have the audited Balance Sheet for period ending March 2020, provisional balance sheet certified by their Auditors will be acceptable.

Note: The bidder must submit the Compliance Statement failing which the bids may not be taken for further evaluation.

3. Bidder must submit documentary proof in respect of all above mentioned criteria while submitting the proposal. Proposal of vendor who do not fulfil the above criteria or who fail to submit documentary evidence thereon would be rejected.
4. The Bidder has to upload scanned and legible copies of all the supporting documents on e-procurement Website of the bank i.e. <https://pnbindia.in> and <https://etender.pnbnet.in> for its scrutiny.
5. The Bank reserves the right to seek for any additional information and also reserves the right to reject or accept the bid of a bidder, if in the opinion of Bank the qualification data is

incomplete or the bidder is found not qualified to satisfactorily execute the requirements of the project and no communication shall be entertained in this regard in future.

6. The bidder shall have to furnish an affidavit as under :

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of the Bank, then I/we shall be debarred for bidding in PNB in future forever. Also, if such violation comes to the notice of the Bank before date of start of work, the Bank shall be at liberty to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.”

4. NOTICE INVITING TENDER

1. Online tenders are invited on item rate basis on behalf of Punjab National Bank from experienced contractors, reputed firms (proprietary/partnership)/ company / organization registered in India under Companies Act, who fulfil the eligibility criteria mentioned in the tender documents for **Civil/Plumbing, Furnishing, Electrical etc. works of Digihut at PNB, Hall of Fame, Leh Ladakh** against Payment of Rs. 1,180/- (non-refundable towards cost of tender) {1000/- + GST}, in two envelope system containing (1) Technical Bid (2) Commercial bid. Tender purchase fee of Rs. 1,180/- may be submitted in form of demand draft in a separate envelope with EMD. Commercial bid shall be submitted online.
2. The Bidders intending to participate in this tender are required to get enrolled on the Bank's website i.e. <https://pnbindia.in> and <https://etender.pnbnet.in> Enrolment on the above mentioned website is mandatory.
3. As the bids of the Bidders have to be digitally signed by the Digital Certificate of the respective Bidder before submitting the bids online, the bidders are advised to obtain Digital Certificates in order to bid for the tender.
4. The Tender Documents containing detailed terms & conditions can be downloaded online directly from the portal <https://pnbindia.in> and <https://etender.pnbnet.in> as per tender schedule attached and shall be submitted online.
5. All the bidders are required to submit Demand Draft in favour of "**Punjab National Bank, Delhi**" of **Rs.1,180/-** towards the cost of tender document.
6. Bidders may submit their queries regarding any technical clarification before 27.10.2020 till 17:00 hrs. No queries shall be entertained after last dated fixed for acceptance of queries.
7. Any clarification/Corrigendum/Amendment may be downloaded from the "Corrigendum / Addendums" section of the abovementioned portal up to **15:00 hrs on 28.10.2020**. No deviation on the above will be entertained by the Bank there after.

8. Based on the clarification of conditions by the Bank, the intending bidder will submit their unconditional acceptance on the prescribed format along with tender document.
9. Price bid of only those bidders shall be opened who bring their tender in line with requirements of tender documents and are acceptable to the Bank and the bidder who do not submit the EMD in the form of Bank draft, their tenders will be summarily rejected.

First E.M.D. Envelope will be opened, and if the hard copy of the same is received on time i.e. upto 15:00 hrs on 31.10.2020 only then technical bid will be opened online. Hard copy i.e. the Demand Draft in favour of Punjab National Bank, Delhi for an amount of **Rs.27,000/-** towards EMD is to be submitted physically by the bidder in the office of the Chief Manager, Punjab National Bank, General Administration Department, Circle Office -New Delhi 4thFloor, Rajendra Bhawan, Rajendra Place New Delhi 110008 on or before 15:00 Hrs. on 31.10.2020.

10. The price bid of technically eligible bidder who meets the eligibility criteria stipulated in tender documents will be opened online in the presence of participated or representatives of participated bidders as per the schedule attached. Date for opening of commercial bids will be intimated later.
11. The Tenders shall be valid for a period of not less than 45 days after the date of opening of price bid/commercial bid online.
12. All disputes arising out of or in connection with this agreement shall deem to have arisen in Delhi and only the courts of Delhi shall have the jurisdiction to determine the same.
 - Last date for downloading the tender document (as per tender schedule).
 - Last date for Bid Preparation and Hash Submission (as per tender schedule).
 - Last date for submission of bids on line and re-encryption (as per tender schedule).

Please note that bid preparation and hash submission are compulsory activities, failing which bidder will not be able to submit the bids online.

For any further information/Queries Bidder may contact Chief Manager, Punjab National Bank, General Administration Department, Circle Office-New Delhi, 4thFloor, Rajendra Bhawan, Rajendra Place New Delhi 110008, Phone:011-25754239, 25754686, 9816071065, 9818389148; Email: cocdelgad@pnb.co.in

13. The Bank reserves the right to accept/reject any or all the offers submitted in response to this advertisement without assigning any reason whatsoever.
14. The Bank reserves the right to postpone or cancel the bidding process at any time at the sole discretion of the Bank without assigning any reason whatsoever.

15. The Bank will not be bound to accept the lowest tender and reserves the right to accept or reject any or all the tenders without assigning any reasons whatsoever.
16. Please note that, on tendering procedure through the electronic tendering system refer to the Instructions for Using the Electronic Tendering System document available along with the tender documents on <https://pnbindia.in> and <https://etender.pnbnet.in>

Chief Manager

5. LETTER SUBMITTING TENDER

Chief Manager
Punjab National Bank,
General Administration Department,
Circle Office (New Delhi)
4thFloor, Rajendra Bhawan ,
Rajendra Place New Delhi 110008

Reg: Civil/Plumbing, Interior Furnishing & Electrical works for Digihut of Punjab National Bank at Hall of Fame, Leh, Ladakh.

Dear Sir,

1. Having visited the site and examined the drawings, conditions of contract, special conditions of contract, general specifications and detailed specifications, schedules and bill of quantities for the execution of the above named works, we offer to complete and maintain the whole of the said works in conformity with the said drawings, conditions of contract, specifications, schedules and bill of quantities for the sum stated in bill of quantities of this Tender Document or such other sum as may be ascertained in accordance with the said conditions of contract.
2. We undertake to complete and deliver the whole of the works comprised in the contract within the time stated in the appendix hereto.
3. We have independently considered the amount of liquidated damages shown in the Appendix to form of tender hereto and agree that it represents a fair estimate of the loss likely to be suffered, by you in the event of the works not being completed in time.
4. We agree to abide by this tender for the period of 45 days from opening of Price Bid/Commercial Bid or extension thereof as required by the Employer from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiry of that period.
5. We confirm that the period and rates as referred in the agreement or general conditions of contract are given or summarized in the appendix hereto, to which we give our consent and agree to abide by the same.
6. We understand that if our tender is accepted, we are to be jointly and severally responsible for the due performance of the contract.
7. We understand that you are not bound to accept the lowest or any tender you may receive and may reject all or any tender, accept or entrust the entire work to the Contractor without assigning any reason or giving any explanation whatsoever.
8. I/we have deposited Earnest Money Rs.27,000/- by demand draft which amount is not to bear any interest. I/we do hereby agree that this sum shall be forfeited by you in the event our tender is accepted and I/we fail to execute the contract when called upon to do so.

Dated this day of _____ 2020.

Signature _____ in the capacity of _____ duly authorized to sign
tenders for and on behalf of _____ .
(IN CAPITALS)

Tender submitted on _____ before _____ hrs.

6. APPENDIX TO FORM OF TENDER

1	Defects Liability period	12 Months (as per Clause No. 41 of GCC)
2	Date of commencement	Date of start of work shall be reckoned from the date of acceptance of award letter or 3 rd day of issue of award letter whichever is earlier.
3	Time of completion	30 (Thirty days) days from the date of commencement of work. (Clause No. 17.1 of GCC)
4	Period of Final Measurements	5 (Days) days from the Date of Virtual Completion (Clause No.33 of GCC)
5	Liquidated Damages	0.5% of the contract amount shown in the tender per week subject to the ceiling of 7.5% of the accepted contracted sum subject to maximum up to total Security Deposit (Initial plus Retention) (Clause No.17.4 of GCC)
6	Minimum Value of work for Interim Certificate	5 Lacs (This value shall be difference of work done of consecutive bills).
7	Initial Security Deposit	EMD of 2% shall be adjusted towards initial security deposit.
8	Retention Percentage	8% of the accepted tender amount subject to maximum as given in. (Clause No.15 of GCC)
9	Refund of total Security Deposit	The Retention amount will be refunded to the Contractor within 14 days after end of the defect liability period (Clause No.15 of GCC)
10	Period of Honouring Certificate	15 days from date of receipt of certificate from the Site Engineer/Consultant

BIDDERS INFORMATION

1. Name
2. Constitution
3. Address
4. Names & Addresses of the Partners /Directors if applicable
5. Name of Contact Person(s) with their Mobile Numbers
6. Office Telephone, Fax, e-mail
7. PAN No.
8. Service Tax Reg No.
9. VAT No.
10. Manpower Employed.
- 11 Our Bankers

ARTICLES OF AGREEMENT

This agreement is made at New Delhi on..... day of..... 2020 between Punjab National Bank, a body corporate constituted under the Banking Companies (Acquisition and transfer of Undertaking Act) 1970 having its Head office at Plot No. 4, Sector 10, Dwarka, New Delhi - 110075 and its General Administration Department, Circle Office New Delhi at 4th Floor, Rajendra Bhawan, Rajendra Place New Delhi 110008 (Hereinafter referred to as "The Bank/The Employer") of the one part &..... (Herein after called "the Contractor") of the other part.

WHEREAS the Employer is desirous of getting certain works executed viz Civil/Plumbing, Furnishing, Electrical etc. works in Bank at, and has vide letter of acceptance dated..... accepted a tender by the Contractor for the execution, completion, and maintenance of such works.

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 said conditions of contract hereinafter referred to :
2. The following documents and the terms & conditions contained therein shall form and construe as integral part and parcel of this agreement viz.
 - a. Original tender document.
 - b. Relevant correspondence all letter/ correspondence forming parts of contract and referred to in acceptance letter.
 - c. Acceptance letter
 - d. Bill of quantities
 - e. The drawings.
 - f. Time and progress chart.
 - g. Article of Agreement
 - h. Other additional documents as required
3. The aforesaid documents shall be taken as complementary and mutually explanatory of one another, but in the case of ambiguities or discrepancies the latest documents issued by the Bank shall prevail over the earlier documents.
4. In consideration of payment to be made by the employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the employer to perform, execute, complete and maintain the work in conformity in all respects with the provision of the contract.
5. The employer hereby covenants to pay the Contractor in consideration of the execution, completion and maintenance of the work such sums as shall become payable hereunder at the time(s) and in the manner prescribed in the said conditions and price schedule of quantities / bill of quantities prescribed in the contract. IN WITNESS whereof the parties hereto have caused their respective common seals to be hereunto affixed (or have hereunto set their respective hands and seals) the day, month and year first above written.

6. All disputes arising out of or in connection with this agreement shall deemed to have arisen in Delhi and only the courts of Delhi shall have the jurisdiction to determine the same.

SIGNED AND SEALED AND DELIVERED BY THE

Said

Said

(Name)

(Name)

on behalf of the Contractor

on behalf of the employer

In the presence of

In the presence of

Name:

Name

Address:

Address:

This form is included in the tender documents only for the information of the bidders. Only the successful bidder will be in due course, required to complete the form.

GENERAL CONDITIONS OF CONTRACT (GCC)

Except where provided for in the description of the individual items in the Schedule of quantities and in the specification and conditions laid down herein after and in the drawings, the work shall be carried as per standard specifications and under the directions of the Employer.

1. INTERPRETATION

In construing these conditions, the specifications, the schedule of quantities, tender and agreement, the following words shall have the meaning herein assigned to them except where the subject of context otherwise requires :

- i. Employer: The term employer shall denote Punjab National Bank with their Head Office at Plot No. 4, Sector 10, Dwarka, New Delhi - 110075, and its General Administration Department, Circle Office-New Delhi at 4th Floor, Rajendra Bhawan, Rajendra Place New Delhi 110008 any of its employees or representative authorized to act on their behalf.
- ii. The Bank: The term Bank shall mean Punjab National Bank.
- iii. The Consultant Architect/Engineer: The term means Consultant Architect/Engineer of the Bank deployed to look after the work.
 - i. Contractor: The term Contractor shall mean M/S ----- (name and address of the Contractor) and his/their heirs, legal representatives assigns and successors.
 - ii. Site: The site shall mean the site where the works are to be executed as shown within boundary on the Site Plan including any building and erections thereon allotted by the employer for the Contractor's use.
 - iii. Consultant: The Consultant shall be appointed by the Bank. The Bank may also determine the number of Consultants and the supporting staff at site office- to assist them and also whether the Consultant shall be temporary or permanent. As far as possible, the Consultant should assume charge of his duties before the contractor reports onsite of work.
 - iv. Specifications and Drawings: The work is to be carried out in accordance with drawings, specifications, the schedule of quantities and any further drawings, which may be supplied, or any other instruction, which may be given by the employer during the execution of the work.
 - v. Drawings relating to work given to the Contractor together with a copy of schedule of quantities are to be kept at site and Employer shall be given access to such drawings or schedule of quantities whenever necessary.

Drawings, Wiring Scheme, Marking of points related to electrical works shall be prepared by contractor and same to be approved from the employer prior to start of work.

In case any detailed drawings are necessary, Contractor shall prepare such detailed drawings and/or dimensional sketches therefore and have it confirmed by the employer prior to taking up such work.

- vi. The Contractor shall ask in writing for all clarifications in respect of drawings, specifications and schedule of quantities or to additional instructions at least 10 days ahead from the time when it is required for implementations so that the Employer may be able to give decision thereon.
- vii. "The Work" shall mean the work or works to be executed or done under this contract.
- viii. "Act of Insolvency" shall mean any act as such as defined by the Presidency Towns Insolvency Act or Provincial Insolvency Act or any Amending Statutes.
- ix. "The Schedule of Quantities" shall mean the schedule of quantities as specified and forming part of this contract.
- x. Order of precedence for any ambiguity in the schedule of quantities, general conditions, special conditions, specifications and drawings for the Contractor shall be as per the decision of the Employer and the same will be binding on the Contractor, and shall be read as under in the decreasing order of importance.
 - a. Schedule of Quantities.
 - b. Special Conditions.
 - c. General Conditions.
 - d. Standard (Technical) Specifications of Contract.
 - e. C.P.W.D specifications.
 - f. Bureau of Indian Standards specifications.
 - g. State P.W.D./General Engineering Practice.

Any ambiguity observed shall be brought to the notice of Employer and be executed after obtaining approval from the Employer. In case of any ambiguity between the above, the most stringent will follow.

- xi. Consultant/Architects: Architects Combine Rajbagh Srinagar J&K 190008
email:wanisajidnazir@gmail.com

SCOPE OF WORK

The work consists of **Civil/Plumbing, Interior Furnishing & Electrical works for Digihut of Punjab National Bank at Hall of Fame, Leh, Ladakh**, in accordance with the "and Schedule of Quantities". The Civil, Sanitary and Plumbing, &Electrical work etc, are within the scope of this tender. It includes furnishing all materials, labour, tools and equipment and management necessary for and incidental to the furnishing & electrical work and-completion of the work. All work, during its progress and upon completion, shall conform to the lines, elevations and grades as shown on the drawings furnished by the Employer. Should any detail essential for efficient completion of the work be omitted from the drawings and specifications it shall be the responsibility of the contractor to inform the Employer and to furnish and install such detail with Employer's concurrence, so that upon completion of the proposed work the same will be acceptable and ready for use.

Employer or his representative may in their absolute discretion issue further drawings and/or written instructions, details, directions and explanations, which are, hereafter collectively referred to as "The Employer's instructions" in regard to :

- a) The variation or modification of the design quality or quantity of works or the addition or omission or substitution of any work.
- b) Any discrepancy in the drawings or between the schedule of quantities and/or drawings and/or specification.
- c) The removal from the site of any defective material brought thereon by the contractor and the substitution of any other material thereof.
- d) The demolition removal and/or re-execution .of any work executed by the contractors.
- e) The dismissal from the work of any persons employed thereupon.
- f) The opening up for inspection of any work covered up.
- g) The rectification and making good of any defects under clauses hereinafter mentioned and those arising during the maintenance period (retention period).

The contractor shall forthwith comply with and duly execute any work comprised in such Employer's or his representative's instructions, provided always that verbal instructions, Directions and explanations given to the contractor's or his representative upon the works by the Employer or his representative shall, if involving a variation, be confirmed in writing to the contractor/s within seven days. No works for which rates are not specifically mentioned in the priced schedule of quantities shall be taken up without written permission of the Employer or his representatives. Rates of items not mentioned in the priced schedule of quantities shall be fixed by the employer as provided in Clause "variation".

Regarding all factory made products for which ISI marked products are available, only products bearing ISI marking shall be used in the work unless otherwise specifically requested by Bank.

VISIT OF SITE

Intending Bidder shall visit the site and make himself thoroughly acquainted with the local site conditions, nature and requirements of the works, facilities of transport conditions, effective labour and materials, accesses and storage for materials and removal of rubbish. The Bidder

shall provide in their tender for cost of carriage, freight and other charges as also for any special difficulties and including police restriction for transport etc. for proper execution of work as indicated in drawings. The successful Bidder will not be entitled to any claim of compensation for difficulties faced or losses incurred on account of any site conditions which existed before the commencement of the work or which in the opinion of the Employer might be deemed to have reasonably been inferred to be so existing before commencement of work.

TENDERS

The e-tender should be submitted by bidder duly priced and also digitally signed.

The schedule of quantities shall be filled in as follows:

4.1. The rates column to be filled.

4.2. The employer reserves the right to reject the lowest or any tender.

The Bank reserves the right to accept the tender in full or in part and the bidder shall have no claim for revision of rate or other conditions if his tender is accepted in parts.

The bidders should note that the tender is strictly on item rate basis and their attention is drawn to the fact that the rates for each and every item should be correct workable and self-supporting. If called upon by the employer detailed analysis of any or all the rates shall be submitted by the Contractor. The employer shall not be bound to recognize the contractor's analysis.

The works will be paid for as "measured work" on the basis of actual work done and not as "lump sum" contract.

All items of work described in the schedule of quantities are to be deemed and paid as complete works in all respects and details including preparatory and finishing works involved directly related to and reasonably detectable from the drawings, specifications and schedule of quantities and no further extra charges will be allowed in this connection. In the case of lump sum charges in the tender in respect of any item of works, the payment of such items of work will be made for the actual work done on the basis of lump sum charges as will be assessed to be payable by the Employer.

The employer has power to add to, omit from any works as shown in drawings or described in specifications or included in schedule of quantities and intimate the same in writing but no addition, omission or variation shall be made by the Contractor without authorisation from the Employer, No variation shall vitiate the contract.

The bidder shall note that his tender shall remain open for consideration for a period of 90 days from the date of opening of the tender (Price Bid).

AGREEMENT

The successful Contractor may be required to sign agreement as may be drawn up to suit local conditions and shall pay for all stamps and legal expenses, incidental thereto.

AMENDMENT OF BIDDING DOCUMENTS BY THE BANK

At any time prior to the last Date and Time for submission of bids, the Bank may, without assigning any reason whatsoever, modify the Bidding Documents through amendments at the sole discretion of the Bank. All amendments shall be uploaded on the Bank's websites (<https://pnbindia.in> and <https://etender.pnbnnet.in>) and shall be binding on all Bidders.

In order to provide prospective Bidders a reasonable time to take the amendment if any, into account in preparing their bid, the Bank may, at its discretion, extend the deadline for submission of bids.

MODIFICATION AND WITHDRAWAL OF BID BY THE TENDERER

7.1. Modification of the submitted bid shall be allowed on-line and the bidder may modify and resubmit the bid on-line only before the deadline of Bid Hash Preparation. For modification of e-bid, bidder has to rework and upload/resubmit digitally signed modified bid on bank's e-tendering portal i.e. (<https://pnbindia.in> and <https://etender.pnbnnet.in>).

7.2. Bids once submitted will be treated as final and no bid may be modified subsequent to the deadline for Bid Hash Preparation.

7.3. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of period of bid validity specified in tender documents. For withdrawal of bid after the end date of online bid submission, the bidder will have to make a request in writing to Tender Inviting Authority of Bank. Withdrawal of bid may be allowed till issue of issue of work order with the following provision of penal action:

7.3.1. If the request of withdrawal is received before informing the date for opening of price bid, the EMD submitted by bidder will be forfeited and bidder will be debarred for 6 months from participating in tenders in PNB. The price bid of remaining technically qualified bidders will be opened and the tender process shall go on.

7.3.2. If the request of withdrawal is received after informing the date for opening of price bid, the EMD submitted by bidder will be forfeited and bidder will be debarred for 1 year from participating in tenders in PNB. The price bid of all technically qualified bidders including this bidder (if he found technically eligible) will be opened and action will follow as under:

- a) If the bidder withdrawing his bid is other than L-1, the tender process shall go on.
- b) If the bidder withdrawing his bid is L-1, the re-tender will be done.

CONTACTING THE BANK

Any effort by a bidder to influence the Bank in evaluation of the bid, bid comparison or contract award decision may result in the rejection of the Bidders' bid. Bank's decision will be final and without prejudice and will be binding on all parties.

CLARIFICATIONS OF BIDS

To assist in the examination, evaluation and comparison of bids the Bank may, at its discretion, ask the bidder for clarification. The response should be in writing and no change in the price or substance of the bid shall be sought, offered or permitted.

GOVERNMENT AND LOCAL RULES

The Contractor shall confirm to the provisions of all local Bye-laws and acts relating to the work and to the regulations etc. of the Government and local authorities and of any company with whose system the structure is proposed to be connected. The Contractor shall give all notices required by said act, rules, regulations and Bye- laws etc. and pay all fees payable to such authorities for execution of the work involved. The cost if any shall be deemed to have been included in his quoted rates, taking into account all liabilities for licenses etc. He shall indemnify the employer against such liabilities and shall defend all actions arising from such claims or liabilities.

TAXES AND DUTIES

11.1. The bidders must exclude in their tender prices quoted for all duties, royalties, cesses, labour cess, service tax, VAT, W.C.T. Sales tax, GST, or any other taxes or local charges, as may be applicable (at present or in future). The rates should be exclusive of 100% tax liabilities. However VAT and Service tax shall be deducted at source at the specific rate in NCT of Delhi legislative and Central Government regulations and guidelines respectively, if applicable. The certificate in respect of TDS shall be issued by the Bank as per rule. Any variation in taxes and duties and/or imposing any new taxes and duties during currency of contractor extended period shall be borne by the bidder. No claim whatsoever on this account shall be entertained.

11.2. The work, as a whole, shall be considered as a Civil/Plumbing,Furnishing & electrical work and the GST, as applicable, shall be deducted on the value of work, calculated on reverse charge mechanism.

12.PROVISIONAL SUM (P.S.)

All provisional sums described in the schedule of quantities as P.S. shall be exclusively allotted to the purchase of materials and not for any handling and fixing to be done by the Contractor. Such cost of handling and fixing with profit (including transport charges if required) shall be separately included in the contract price as described in the schedule of quantities. The disposal of the amounts covered under this head will be absolutely at the discretion of the employer. Contractor is to make payments for these materials to the suppliers on certificate or order issued by the employer and realizes them through his bills from the employer.

13.QUANTITY OF WORK TO BE EXECUTED

The quantities shown in the schedule of quantities are intended to cover the entire Civil, furnishing & electrical work but the Employer reserves the right to execute only a part or the whole or any excess thereof without assigning any reason therefore.

14. OTHER PERSONS ENGAGED BY THE EMPLOYER

The employer reserves the right to execute any part of the work included in this contract or any work which is not included in this contract by other agency or persons and Contractor shall allow all reasonable facilities and use of his scaffolding for the execution of such work.

15. EARNEST MONEY AND SECURITY DEPOSIT

The bidder will have to deposit an amount of Rs. 27,000/- (Rupees Twenty Seven Thousand only) in the form of Bank draft drawn in favour of Punjab National Bank at the time of submission of tender as an Earnest Money. The employer is not liable to pay any interest on the Earnest Money. The Earnest Money of the unsuccessful bidders will be refunded without any interest soon after the decision to award the work is taken.

Apart from the initial security deposit made as above, retention money shall be deducted from the progressive running bills at 10% of the gross value of each running bill until the Total Security Deposit, i.e., the initial Security Deposit plus the retention money equals:

- a) 10.00% on the first Rs.1,00,000 of the cost of work.
- b) 7.5% on the next Rs.1,00,000 of the cost of work.
- c) 5.0% on the remaining cost of work.

However the retention money on secured advance payable will not be deducted.

The retention amount will be refunded to the Contractor 14 (fourteen) days after the defect liability period is over provided the Contractor has satisfactorily carried out all the works and attended to all the defects in accordance with the conditions of contract. No interest is allowed on retention Money.

16. CONTRACTOR TO PROVIDE EVERYTHING NECESSARY

The Contractor shall provide everything necessary for the proper execution of work according to the intent and meaning of the drawings, schedule of quantities and specifications taken together whether the same may or may not be particularly shown or described therein provided that the same can reasonably be inferred there from and if the Contractor finds any discrepancies therein, he shall immediately and in writing refer the same to the employer whose decision shall be final and binding.

The rates quoted against individual items will be inclusive of everything necessary to complete the said items of work within the contemplation of the contract and beyond the unit price. No extra payments will be allowed for incidental or contingent work, labour and/or materials

inclusive of all taxes and duties whatsoever except for specific taxes, if any, stipulated in the tender documents.

The Contractor shall supply, fix and maintain at his own cost for the execution of work, all tools tackles, machinery and equipment and all the necessary centring , scaffolding, fencing, boarding, watching and lighting by night as well as by day required not only for the proper execution and protection of the said work but also for the protection of the public and safety of any adjacent roads, streets, walls, houses, buildings all other erections, matters and things and Contractor shall take down and remove any or all such centring, scaffolding, planking, timbering, strutting, shoring etc. as occasion shall be required or when ordered to do so and shall fully reinstate and matters and things distributed during the execution of works to the satisfaction of the Employer

The Contractor shall at all times give access to workers by the Employer or any men employed on the buildings.

17.TIME OF COMPLETION, EXTENSION OF TIME & PROGRESS CHART

17.1 Time of completion

The entire work is to be completed in all respects within the stipulated period of 15days for the entire premises from the commencement date. Time is the essence of the contract and shall be strictly observed by the Contractor.

The work shall not be considered as completed until the Employer have certified in writing that work has been completed and the defects liability period shall commence from the date of such certificate.

17.2 Extension of Time

If, in the opinion of the Employer the works be delayed

- a) By reason of any exceptionally inclement weather or
- b) By reason of instruction from the employer in consequence of proceedings taken or threatened by or disputes, with adjoining or neighbouring owners or
- c) By the works, or delay, of other contractors or tradesmen engaged or nominated by the Employer and not referred to in the specification or
- d) By reason of authorized extra and additions or
- e) By reason of any combination of workmen or strikes or lock-out effecting any of the building trades or
- f) From other causes which the employer may consider are beyond the control of the Contractor, the Employer at the completion of the time allowed for the contract, shall make fair & reasonable extension of the time for completion in respect therefore. In the event of the Employer failing to give possession of the site upon the day specified above the time of completion shall be extended suitably.

In case of such strikes or lock-outs, as are referred to above, the Contractor shall immediately give the employer, written notice thereof. Nevertheless, the Contractor shall use his best

endeavours all that to prevent delay, and shall do all that may be reasonably required, to the satisfaction of the employer to proceed with the works and on his doing so that it will be ground of consideration by the employer for an extension of time as above provided. The decision of Employer as to the period to allow for an extension of time for completion here under (Which decision shall be final and binding on the Contractor) shall be promulgated at the conclusion of such strike or lock-out and the employer shall then, in the event of an extension being granted, determine and declare the final completion date. The provision in clause 17.4 with respect to payment of liquidated damages shall, in such case, be read and construed as if the extended date fixed by the employer were substituted for and the damage shall be deducted accordingly.

17.3 Progress of work

During the period of execution the Contractor shall maintain proportionate progress on the basis of a programmed chart submitted by the Contractor immediately before commencement of work and agreed to by the Employer. Contractor should also include planning for procurement for scarce material well in advance and reflect the same in the programmed chart so that there is no delay in completion of project.

17.4 LIQUIDATED DAMAGES

Should the work be not completed to the satisfaction of the Employer within the stipulated period, the Contractor shall be bound to pay to the employer a sum calculated as given below by way of liquidated damages and not as penalty during which the work remains uncommenced or unfinished after the expiry of the completion date.

0.50% of the contract amount shown in the tender per week subject to ceiling of 7.5% of the accepted contracted sum but not exceeding the total S.D. of the contract (I.S.D + Retention Money).

18. TOOLS, STORAGE OF MATERIALS, PROTECTIVE WORKS AND SITE OFFICE REQUIREMENTS

The contractor shall provide, fix up and maintain in an approved position proper office accommodation for the contractor's representative and staff which offices shall be open at all reasonable hours to receive instruction notices or communications and clear away on completion of the works and make good all work disturbed.

All drawings maintained on the site are to be carefully mounted on boards of appropriate size and covered with a coat of approved varnish. They are to be protected from ravages of termites, ants, and other insects.

The contractor shall provide at his own cost all artificial light required for the work to complete the work within the specified time.

The contractor shall arrange for temporary latrines for the use of workers and field staff and keep the same in a clean and sanitary condition to the satisfaction of the Public Health

Authorities and shall cause such latrines and soil to be cleared away whenever necessary and shall make good all the works disturbed by these conveniences.

Every precaution shall be taken by the contractor to prevent the breeding of mosquitoes on the works during the construction, and all receptacles cisterns, water tanks etc. used for the storage of water must be suitably protected against breeding of mosquitoes. The contractor shall indemnify the Employer against any breach of rules in respect of anti-malarial measures.

The contractor shall not fix or place any placards or advertisement of any description or permit the same to be fixed or placed in or upon any boarding, gantry, building structure other than those approved by the Employer.

Protective- Measures: The contractor from the time of being placed in possession of the site must make suitable arrangements for watching, lighting and protecting the work, the site and surrounding property by day, by night, on Sundays and other holidays.

Contractor shall indemnify the Employer against any possible damage to the building, roads, or members of the public in course of execution of the work.

Storage of materials: The contractor shall provide and maintain proper sheds for the proper storage and adequate protection of the materials etc. and other work that may be executed on the site including the tools and materials and remove the same on completion.

Tools: Theodolite levels, prismatic compass, chain, steel and metallic tapes and all other surveying instruments found necessary on the works shall be provided by the contractor for the due performance of this contract as instructed by the Site Engineer/Consultant. All measuring tapes shall be of steel and suitable scaffolding and ladders that may be required for safely taking measurement shall be supplied by the contractor.

The mistries and the supervisors on the works shall carry with them always a one metre or two metre steel tape, a measuring tape of 30 metres. a spirit level, a plumb bob and a square and shall check the work to see that the work is being done according to the drawing and specifications. The Consultant will use any or all measuring instruments or tools belonging to the contractors as he chooses for checking the works executed or being executed on the contract. The contractor should cover in his rates for making provision for all reasonable facilities for the use of his scaffolding, tools and plant etc., for their work.

19.NOTICE AND PATENTS OF APPROPRIATE AUTHORITY AND OWNERS

The Contractor shall confirm to the provisions or any acts of the legislature relating to the work, and to the regulations and by-laws of any authorities, and/or any water, lighting and other companies, and/or authorities with whose system the structures were proposed to have renovated and shall before making any variation from the drawings or specifications that may be associated to so confirm, give the Employer written notice, specify the variations proposed to be made and the reasons for making them and apply for instructions thereon. The Employer on receipt of such intimation shall give a decision with a reasonable time.

The Contractors shall arrange to give all notices required for by the said acts, regulations or By-laws to be given to any authority, and to pay to such authority or to any public officer all fees that may be properly chargeable in respect of the work and lodge the receipts with the Employer.

The Contractor shall indemnify the Employer against all claims in respect of patent rights, royalties, and damages to buildings, roads or member of public in course of execution of work and shall defend all actions arising from such claims and shall keep the Employer saved harmless and indemnified in all respects from such actions, costs and expenses.

20.CLEARING SITE AND SETTING OUR WORKS

The site shown on the plan shall be cleared of all obstructions, loose stone, and materials rubbish of all kinds.

21.CONTRACTOR IMMEDIATELY TO REMOVE ALL OFFENSIVE MATTERS FROM THE SITE

The Contractor shall keep the surroundings of work places free from water, debris and excess / waste materials at his own expenses Electrical or other power driven equipment to the satisfaction of the Employer for the purpose, until the site is handed over to the Employer. The Contractor shall arrange for the disposal of the same so accumulated to the satisfaction of the Employer and the local authority and no claims will be entertained afterwards if he does not include in his rates for the purpose.

22.ACCESS

Any authorized representative of the Employer shall at all reasonable times have free access to the works and / or to the workshops, factories or other places where materials are being prepared or constructed for the work and also to any place where the materials are lying or from where they are being obtained, and the Contractor shall give every facility to the Bank or their representatives necessary for inspection and examination and test of the materials and workmanship. Except the representatives of the Employer, no person shall be allowed at any time without the written permission of the Employer.

23.MATERIALS, WORKMANSHIP, SAMPLES, TESTING OF MATERIALS

All the works specified and provided for in the specification or which may be required to be done in order to perform and complete any part there of shall be executed in the best and most workman like manner with materials of the best and approved quality of the respective kinds in accordance with the particulars contained in and implied by the specifications and as represented by the drawings or according to such other additional particulars and instructions as may from time to time be given by the Employer during the execution of the work, and to his entire satisfaction.

If required by the Employer the Contractor shall have to carry out tests on materials and workmanship in approved materials testing laboratories or as prescribed by the Employer at his

own cost to prove that the materials etc. under test confirming to the relevant IS standards or as specified in the specifications. The necessary charges for preparation of sample, transporting, testing etc. shall have to be borne by the Contractor. No extra payment on this account would in any case be entertained.

All the materials (except where otherwise described) stores and equipment required for the full performance of the work under the contract must be provided through normal channels and must include charge for import duties, sales taxes, octroi and other charges and must be the best of their kind available and contractors must be entirely responsible for the proper and efficient carrying out of the work. The work must be done in the best workman like manner. Samples of all materials to be used must be submitted to the Employer when so directed by the Engineer and written approval from Employer must be obtained prior to placement of order.

During the inclement weather the Contractor shall suspend works for such times as the Employer may direct and shall protect from injury all work during course of execution. Any damage (during repair & furnishing & electrical work) to any part of the work for any reason due to rain, storm or neglect of Contractor shall be rectified by the Contractor in an approved manner at no extra cost to Bank.

Should the work be suspended by reason of rain, strike, lock-outs or any other cause, the Contractor shall take all precautions necessary for the protection of work and at his own expense shall make good any damage arising from any of these causes.

The Contractor shall cover up and protect from damage, from any cause, all new work and supply all temporary doors, protection to windows, and any other requisite protection for the execution of the work whether by himself or special tradesmen or sub-Contractor and any damage caused must be made good by the Contractor at his own expenses.

24.REMOVAL OF IMPROPER WORK

The Employer shall during the progress of the work have power to order in writing from time to time the removal from the work within such reasonable time or times as may be specified in the order of any materials which in the opinion of the Employer are not in accordance with specification or instructions, the substitution or proper re-execution of any work executed with materials or workmanship not in accordance with the drawings and specifications or instruction. In case the Contractor refuses to comply with the order the Employer shall have the power to employ and pay other agencies to carry out the work and all expenses consequent thereon or incidental there to as certified by the Employer shall be borne by the Contractor or may be deducted from any money due to or that may become due to the Contractor.

25.CONTRACTOR'S EMPLOYEES

The Contractor shall employ technically qualified and competent supervisors for the work who shall be available (by turn) throughout the working hours to receive and comply with instructions of the Employer. The Contractor shall engage at least one experienced Engineer as Site-in-Charge for execution of the work. The Contractor shall employ in connection with the work persons having the appropriate skill or ability to perform their job efficiently.

The Contractor shall employ local labourers on the work as far as possible. No labourer below the age of eighteen years and who is not an Indian national shall be employed on the work. Any Labourer supplied by the Contractor to be engaged on the work on day work basis either wholly or partly under the direct order or control of the Employer or his Representative shall be deemed to be a person employed by the Contractor.

The Contractor shall comply with the provisions of all labour legislations including the requirements of:-

- a. The payment of Wages Act
- b. Employer's Liability Act
- c. Workmen's Compensation Act
- d. Contract labour (Regulation 7 Abolition) Act, 1970 and Central Rules 1974
- e. Apprentices Act 1961
- f. Minimum Wages Act
- g. Any other Act or enactment relating thereto and rules framed there under from time to time.

The Contractor shall keep the Employer saved, harmless and indemnified against claims if any of the workmen or any other person and all costs and expenses as any be incurred by the Employer in connection with any claim that may be made by any workman or any other person.

The Contractors shall arrange to provide first-aid treatment to the labourers engaged on the works. He shall within 24 hours of the occurrence of any accident at or about the site or in connection with execution of the works, report such accident to the employer and also to the competent authority where such report is required by law.

26.DISMISSAL OF WORKMEN

The Contractor shall in the request of the Employer immediately dismiss from works any person employed thereon by him who may in the opinion of the Employer be unsuitable or incompetent or who may misconduct himself. Such discharges shall not be the basis of claim for compensation or damages against the Employer or any of their officers or employee.

27.ASSIGNMENT

The whole of the works included in the contract shall be executed by the Contractor and the Contractor shall not directly or indirectly transfer, assign or underlet the Contract or any part, share or interest therein nor, shall take a new partner without written consent of the Employer and no subletting shall relieve the Contractor from the full and entire responsibility of the contract or from active superintendence of the work during their progress.

28.DAMAGE TO PERSONS AND PROPERTY INSURANCE ETC.

The Contractor shall be responsible for all injury to the worker or workmen or persons, animals or things and for all damages to the project works, materials, equipment, structural and / or decorative part of property which may arise from the operations or neglect of himself or of any sub-Contractor or any of his or a sub-Contractor's employees whether such injury or damage

arise from carelessness, accident or any other cause whatsoever in any way connected with the carrying out of this contract.

The clause shall be held to include inter-alia any damage to buildings whether immediately adjacent or otherwise and any damage to roads, streets, foot paths or ways as well as damages caused to the buildings and the works forming the subject of this contract by rain, wind or other inclemency of the weather. The Contractor shall indemnify the Employer and hold harmless in respect of all and any expenses arising from any such injury or damages to persons or property as aforesaid and also in respect of any claim made in respect of injury or damage under any acts of compensation or damage consequent upon such claim.

The Contractor shall reinstate, rectify and remedy all damages of every sort mentioned in this clause so as to deliver the whole of the contract works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damages to the property or third party.

The Contractor shall affect the insurance necessary and indemnify the Employer entirely from all responsibility in this respect. The insurance must be placed with company approved by the Employer and must be effected jointly in the name of the Contractor and the Employer and the policy lodged with the latter. The scope of insurance is to include damage or loss to the contract itself till this is made over in a complete state. Insurance is compulsory and must be affected for the very initial stage. The Contractor shall also be responsible for anything, which may be excluded from the damage to any property arising out of incidents, negligence or defective carrying out of this contract.

The Employer shall be at liberty and hereby empowered to deduct the amount of any damages, compensations, costs, charges and expenses arising or accruing from or in respect of any such claim or damages from any sums including the total security deposit due or to become due to the Contractor.

29.INSURANCE

Unless otherwise instructed the Contractor shall insure the works for all risk (include fire & third party) of the Contractor for total tender value and keep them insured until the virtual completion of the contract against any loss or damage of the material and of project. The insurance must be placed with a company approved by the Employer in the joint names of the Employer and the Contractor for such amount and for any further sum if called to do so by the Employer. The premiums of such further sum being allowed to the Contractor as an authorized extra. The Contractor shall deposit the policy and receipt premium paid with the Employer within twenty one days from the date of issue of work order unless otherwise instructed.

In default of the Contractor insuring as provided above the Employer on his behalf may so insure and may deduct the premiums paid from any money due, or which may become due to the Contractor. The Contractor shall as soon as the claim under the policy is settled or the work reinstated by Insurance Company should they elect to do so, proceed with due diligence with the completion of the works in the same manner as though the fire has not occurred and in all respects under the conditions of the contract. The Contractor in case of rebuilding or reinstatement after fire shall be entitled to extension of time for completion, as the Employer may deem fit.

30.ACCOUNTS RECEIPT & VOUCHERS

The Contractor shall, upon the request of the Employer furnish them with all the invoices, accounts, receipts and other vouchers that they may require in connection with the works under this contract. If the Contractor shall use materials less than what he is required under the contract, the value of the difference in the quantity of the materials he was required to use and that he actually used shall be deducted from his dues. The decision of the Employer shall be final and binding on the Contractor as to the amount of materials. The Contractor is required to use for any work under this contract.

31.MEASUREMENTS

Before taking any measurement of any work the Consultant or a subordinate deputed by him shall give reasonable notice to the Contractor. If the Contractor fails to attend at the measurements after such notice or fails to countersign or to record the difference within a week from the date of measurement in the manner required by the Consultant then in any such event the measurements taken by the Consultant or by the subordinate deputed by him as the case may be is final and binding on the Contractor and the Contractor shall have no right to dispute the same.

32.PAYMENTS

All bills shall be prepared & submitted by the Contractor in the form prescribed by the Employer. Normally one interim bill shall be prepared each month subject to minimum value for interim certificate as stated in these documents. The bills in proper forms must be duly accompanied by detailed measurements in support of the quantities of work done and must show deductions for all previous payments, retention money etc. **The bill shall be checked at site by Consultant** shall issue a certificate after due scrutiny of the Contractor's bill which may be further verified by the Employer and the Contractor shall be entitled to payment thereof within the period of honouring certificates named in these documents, as per final verified amount by the Employer. In case of delay, an adhoc advance of 75% of the billed amount /assessed work done may be paid on the request of the Contractor for the smooth progress of work at the sole discretions of the Bank.

The amount as stated in an interim certificate shall be the total value of work properly executed and secured advance on the materials as described under the heading of secured advance less the amount to be retained by the Employer as retention Money vide clause 14 of these conditions and less instalments previously paid under these conditions, provided the such certificate shall only include the value of said material and goods as and from such time as they are reasonably, properly and not prematurely brought to or placed adjacent to the work and then only if adequately protected against whether or other casualties.

The Employer will deduct retention money as described in Clause 15 of these Conditions. The refund of retention money will be made as specified in the said clause.

If the Employer had supplied any materials or goods to the Contractor, the cost of any such materials or goods will be progressively deducted from the amount due to the Contractor in accordance with the quantities consumed in the work.

All the interim payments shall be regarded as payment by way of advance against the final payments only and not as payments for work actually done and completed and shall not preclude the requiring of bad unsound and imperfect or unskilled work to be removed and taken away and reconstructed or re-erected or to be considered as an admission of the due performance of the contract or any part thereof in any respect or the accruing of any claim, nor shall, it conclude determine or affect in any way the powers of the Employer under these conditions or any of them as to the final settlement and adjustment of the accounts or otherwise or in any other way vary or affect the contract. The final bill shall be submitted by the Contractor within one month of the date fixed for completion of the work or of the date of certificate of virtual completion furnished by Employer and payment shall be made within three months.

33. FINAL PAYMENTS

The period of Final Measurements will be 3 Months from date of Completion. The final bill shall be accompanied by a certificate of completion from the Employer, payments of final bill shall be made after deduction of Retention Money as specified in clause 15 of these condition, which sum shall be refunded after the completion of the Defects liability period and rectification if defects to the entire satisfaction of the Employer. The acceptance of payments of the final bill by the Contractor would indicate that he would have no further claiming respect of the work executed.

34.VARIATION / DEVIATIONS

The Contractor may when authorized and shall, when directed in writing by the Employer add or omit, or vary the works shown in the drawings or described in the specifications or included in the priced schedule of the quantities. The Contractor on his own accord shall make no addition omission or variation without such authorization of direction. A verbal authorization of direction by the Employer shall when confirmed correctly by the Contractor in writing within 3 days shall be deemed to have been given in writing.

The Contractor shall send to the Employer once in every month a statement giving particulars, as full and detailed as possible, of all claims for any additional payment to which the Contractor may consider himself entitled and of all extra or additional work ordered by the Employer which he has executed during the preceding month.

No interim claim for payment for any such work or expense, will be considered which has not been included in such a statement provided always that the Contractor shall be entitled after taking Employer's sanction to authorize payment to be made for any such work or expense, notwithstanding the Contractor's failure to comply with this condition.

The rates for additional, altered substituted work shall be arrived at in accordance with the following rules:-

- i. The net rates or prices in the contract schedule shall determine the valuation of (the rates for) the extra work (items) where such extra work is of similar character and is executed under similar conditions as the work prices therein.
- ii. If the rates for the extra altered or substituted or (deviated) work are not provided for (available) in the schedule of quantities, they shall, to the extent possible be derived out of rate given in that schedule for similar or near similar items. For the purpose of such deviation, where necessary and when so directed, the Contractor shall furnish detailed analysis for the said similar or near similar items in the contract schedule. For such portions of the analysis, for the extra, altered or substituted (deviated) work for which prices cannot be abstracted from the corresponding analysis of rates for the said similar or near similar items in the contract schedule, market rates sustained by purchase bill/vouchers dependable printed price schedule of materials of different type shall be adopted, using factors and constant for quantum of materials, labour, T&P and sundries, from standard analysis of rates adopted by the CPWD, and adding 15% towards profit & overheads and taxes. When called upon to do so, the Contractor shall submit the required purchase bills / vouchers.
- iii. In respect of contract which incorporates more than one schedule, the rate applicable in case (i) above if not provided for in the Schedule pertaining to the work in which the addition, alteration or substitution (deviation) occurs shall be taken as the lowest applicable rate in other schedules. Similarly in case (ii) above if similar in near similar items cannot be found in the schedule pertaining to the work in which the addition, alteration or substitution (deviation) occurs, similar or near similar items from the other schedule shall be adopted.
- iv. In the case of additional, altered substituted (deviated) for which rates cannot be reasonably be derived as at (ii) and (iii) above, the rates shall be worked out adopting market prices, substantiated by purchase bills / vouchers using factors and constants for quantum of materials, labour, T&P and sundries from standard analysis of rates adopted by the CPWD and adding 15% towards profit & overheads and taxes. When called upon to do so the Contractors shall submit his purchase bills / vouchers to the Employer.
- v. The question as to what particular items, being similar or near similar to the additional, altered or substituted (deviated) work in the contract schedule are to be adopted for deviation of rates for the additional, altered for substituted deviated work and whether the said rates cannot be derived from similar or near similar items in the contract schedule will be decided by the Employer.
- vi. In case (ii) to (iv) the Contractor is required to submit his analysis of rates adopting the principles enunciated, after scrutinizing the analysis any other papers furnished will allow such rates as he considers reasonable after obtaining Employer's sanctions.
- vii. Where extra work is of such a nature that it cannot be properly measured or valued, the Contractor shall be allowed day work priced at the net rates stated in the tender or the priced schedule of quantities or if not so stated then in accordance with the minimum local day work rates and wage for the district notified by the concerned authority provided that in either case if required by the Employer, vouchers, muster rolls and other documents, required for proper verification of the labour employed and the materials deployed on the said work and the costs thereof be delivered to the Consultant or his representative on or before the end of the week following that in which work has been executed.

- viii. The question as to whether extra work is of such nature that it cannot be properly measured or valued will be decided by the Employer. The margin to be allowed on actual costs to the Contractor towards profit and overhead shall be 15% and taxes.

35.DEVIATION LIMIT FOR TENDER QUANTITIES UPTO 25%

The tender rates shall hold good for any increase in the tendered quantities up to variation of 25%. In case tender quantities of an individual item exceeds the deviation limit of 25% the rates for the excess quantities over and above the deviation limit shall be payable as per market rates analysis, sustained by purchase vouchers / bill using constant only of materials, Labour, T&P etc. from all Indian Standard analysis of rates published by DAR with 15% towards Contractors profit & Overheads and taxes. For non-schedule items, constant of material, labour, T&P etc. shall be decided by the Engineer in charge of Employer, based on the actual observation at site.

36.SUBSTITUTION

Should the Contractor desire to substitute any materials and workmanship, he/they must obtain the approval of the Employer in writing for any such substitution well in advance. Materials designated in this specification indefinitely by such terms as "Equal" or "other approved" etc., specific approval of the Employer has to be obtained in writing.

37.PREPARATION OF BUILDING WORKS FOR OCCUPATION AND USE ON COMPLETION

The whole of the work will be thoroughly inspected by the Contractor and deficiencies and defects put right. On completion of such inspection and Contractor shall inform the Employer that he has completed the work and it is ready for inspection.

On completion, the Contractor shall clean all equipment's and do the painting work etc. He will leave the entire installation neat and clean and ready for immediate use and to the satisfaction of the Bank.

38.CLEARING SITE ON COMPLETION

On completion of the works, the Contractor shall clear away and remove from the site all constructional plant, surplus materials, rubbish and temporary works of every kind and leave the whole of the site and the works clean and in a workman like condition to the satisfaction of the Employer.

39.DEFECTS AFTER COMPLETION

The defects liability period (D.L.P.) shall commence from the certified date of Virtual Completion issued by the Employer. The Contractor shall make good at his own cost and to the satisfaction of the Employer all defects, other faults which may appear within 12 months after completion of the work. In default, the Employer may employ and pay other persons to amend

and make good such damages, losses and expenses consequent thereon or incidental thereto shall be made good and borne by the Contractor and such damages, losses and expenses shall be recoverable from him by the employer or may be deducted by the Employer, in lieu of such amending and making good by the Contractor, deduct from any money due to the Contractor a sum equivalent to the cost of amending such work and in the event of the amount retained being insufficient, recover that balance from the Contractor from the amount retained under clause no. 15 together with any expense the Employer may have incurred in connection therewith.

40.CONCEALED WORK

The Contractor shall give due notice to the Employer whenever any work is to be buried in the earth, concrete or in the bodies of walls or otherwise becoming inaccessible later on, in order that the work may be inspected and correct dimensions taken before such burial, in default whereof the same shall, at the option of the employer be either open up for measurement at the Contractor's expense or no payment may be made for such materials. Should any dispute or difference arise after the execution of any work as to measurements etc., or other matters which cannot be conveniently tested or checked, the notes of the Employer shall be accepted as correct and binding on the Contractor.

41.TERMINATION OF CONTRACT BY EMPLOYER

In the following circumstances/ events the contract will be terminated by the employer:-

- i. If the Contractor being the company go into liquidating whether voluntary or compulsory.
- ii. Being a firm shall be dissolved.
- iii. If the official assignee in insolvency or receiver of the contractor in insolvency, shall repudiate the contract.
- iv. If receiver of the contractor's firm appointed by the court shall be unable to, within 14 days after notice to him requiring him to do so, to show to the reasonable satisfaction of the employer that he is able to carrying out and fulfil the contract and if so required by the employer to give reasonable security therefore.
- v. If the contractor:
 - a) Shall suffer execution to be issued
 - b) Shall suffer any payment under this contract to be attached by or on behalf of and of the creditors of the contractor.
 - c) Shall assign, charge or encumber this contract or any payment due or which become due to the contractor hereunder
 - d) Shall neglect or fail to observe and perform all or any of the acts, matters of things by this contract, to be observed and performed by the Contractor within three clear days after the notice shall have been given to the Contractor in manner hereinafter mentioned requiring the Contractor to observe or perform the same
 - e) Shall use improper materials or workmanship in carrying on the works
 - f) Shall in the opinion of the Employer not exercise such due diligence and make such due progress as would enable the work to be completed within due time agreed upon, and shall fail to proceed to the satisfaction of the Employer after three clear days' notice

requiring the Contractor so to do shall have been given to the Contractor as hereinafter mentioned,

- g) Shall abandon the contract then and in any of the said cases.
- h) Any threat is perceived or observed on the security of Bank's data / property out of any action by the staff deployed for monitoring / configuration etc., by service provider.

The Bank may notwithstanding previous waiver determine the contract by a notice in writing to the effect as hereinafter mentioned, but without thereby effecting the powers of the employer & the obligations & liabilities of the contractor the whole of which shall continue in force as fully as if the contract, had not been so determined and as if the works subsequently executed had been executed by or on behalf of the contract (without thereby creating any trust in favour of the contractor).

Further the employer or his agent, or servant:

- i. May enter upon and take possession of the work and all plants, tools, scaffoldings, sheds, machinery, premises or the adjoining lands or roads and sell the same as his own property
- ii. May employ the same by means of his own servants and workmen in carrying on and completing the works
- iii. By employing any other Contractors or other persons or person to complete the works and the Contractor shall not in any way interrupt or do any act, matter of thing to prevent or hinder such other Contractors or other persons or persons employed for completing and finishing or using the materials and plants for the works.

When the works shall be completed, or as soon thereafter as conveniently may be, the Employer shall give notice in writing to the Contractor to remove his surplus materials and plants, and should the Contractor fail to do so within a period of 14 days after receipt of the notice by him, the Employer may sell the same by public auction and shall give credit to the Contractor for the amount so released.

Any expenses or losses incurred by the employer in getting the works carried out by other Contractors shall be adjusted against the amount payable to the Contractor by way of selling his tools and plants, or due on account of work carried out by the Contractor prior to engaging other Contractors or against the Security Deposit.

42.ARBITRATION

All disputes arising out of or in connection with this agreement shall be deemed to have arisen in Delhi and only the courts of Delhi shall have the jurisdiction to determine the same.

All disputes or differences of any kind whatsoever which shall at any time arise between the parties hereto touching or concerning the works or the execution or maintenance thereof of this contract or the rights touching or concerning the works or the execution or maintenance thereof of this contract or the construction remaining operation or effect thereof or to the rights or liabilities of the parties or arising out of or in relation thereto whether during or after determination for closure or breach of the contract (other than those in respect of which the decision of any person is by the contract expressed to be final and binding) shall after written notice by either party to the contract, be referred to the other of them and to the Employer hereinafter

mentioned be referred for adjudication to a sole arbitrator to be appointed as hereinafter provided.

For the purpose of appointing the sole Arbitrator referred to above, the Employer will send within thirty days of receipt of the notice, to the Contractor a panel of three names of persons who shall be presently unconnected with the organization for which the work is executed.

The Contractor shall on receipt of the names as aforesaid, select any one of the persons named to be appointed as a sole Arbitrator and communicate his name to the Employer within thirty days of receipt of the names. The Employer shall thereupon without any delay appoint the said person as the Sole Arbitrator. If the Contractor fails to communicate such selection as provided above within the period specified, the component authority shall make the selection and appoint the selected person as the Sole Arbitrator.

If the Employer fails to send to the Contractor the panel of three names as aforesaid within the period specified, the Contractor shall send to the Employer a panel of three names of persons who shall all be unconnected with either party. The Employer shall on receipt of the names as aforesaid select any one of the persons named and get appointed him as a Sole Arbitrator. If the Employer fails to select the person and appoint him as the Sole Arbitrator within 30 days of receipt of the panel and inform the Contractor accordingly, the Contractor shall be entitled to appoint one of the person from the panel as the Sole Arbitrator and communicate his name to the Employer.

It is also a term of contract that if the contractor does not make any demand of arbitrator in respect of any claim, within 90 days of receiving the intimation from the Bank that the final bill is ready for payment, the claim, if any received after 90 days period, shall be absolutely barred from reference to the arbitrator.

If the Arbitrator so appointed is unable or unwilling to act or resign his appointment or vacates his office due to any reason whatsoever another Sole Arbitrator shall be appointed as aforesaid.

The work under the contract shall however continue during the Arbitration proceedings & no payments due or payable to the Contractor shall be withheld on account of such proceedings.

The Arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties fixing the date of the first hearing.

The Arbitrator may from time to time with the consent of the parties enlarge the time for making and publishing the award.

The Arbitrator shall give a separate award in respect of each dispute or difference referred to him. The Arbitrator shall decide each dispute in accordance with the terms of the contract and give a reasoned award. The venue of Arbitration shall be such place as may be fixed by Arbitrator on his sole discretion.

The fees, if any, of the Arbitrator shall, if required to be paid before the award is made and published, be paid half and half by each of the parties. The costs of the reference and of the award including the fees, if any, of the Arbitrator who may direct to and by whom in what manner such costs or any part thereof shall be paid and may fix or settle the amount of cost to be so paid.

The award to the Arbitrator shall be final and binding on both the parties. Subject to aforesaid the provisions of the Arbitration & Consolidation Act 1996 or any statutory modification or re-enactment thereof and the rules made there under and for the time being enforce, shall apply to the Arbitration proceeding under this clause. The Employer and Contractor hereby also agree that arbitration under clause shall be a condition precedent to any right to action under the contract with regard to the matters hereby/ expressly agreed to be so referred arbitration.

43.EXCEPTED MATTERS FROM ARBITRATION

If the dispute of difference pertains to the under noted matters (called excepted matters) the decision and in writing of the Employer shall be final, conclusive and binding on the parties.

- a. Instruction
- b. Transactions with local authorities.
- c. Proof of quality of materials.
- d. Assigning or under letting of the contract
- e. Certificate as to the causes of delay on the part of the Contractor and justifying extension of time.
- f. Rectifying of defects pointed out during the defects liability period.
- g. Notice to the Contractor to the effect that he is not proceeding with due diligence.
- h. Certificate that the Contractor has abandoned the contract.
- i. Notice of the determination of the contract by the Employer.

44.RIGHTS OF TECHNICAL SCRUTINY BY CHIEF TECHNICAL EXAMINER

The work is liable to be technically audited by the Chief Technical Examiner of the Central vigilance Commission Government of India from time to time. Any defects, improvements or testing etc. pointed out by the Chief Technical Examiner should be carried out by the Contractor at his own cost and any deduction suggested by the CTE will be effected.

The Employer shall have a right to cause a technical examination and audit of works and the final bills of the Contractor including all supporting vouchers, abstract etc. to be made at the time of payment of the final bill. If as a result of this examination or otherwise any sum is found to have been overpaid in respect of any work done by the Contractor under the contract the Contractor shall be liable to return the amount of over payment and it shall be lawful for the Employer to recover the same from him from any sum or sums due to him and in any other manner legally permissible and if it is found that the Contractor was paid less than what was due to him under the contract in respect of any work executed by him under it, the amount of such under payment shall be duly paid by the Employer.

Any sum of money due and payable to the Contractor (including Security Deposit returnable to him) under this contract may be appropriated by the Employer and set off against any claim of the Employer of the payment of a sum of money arising out of or under any other contract made by the Contractor with Employer.

45.WATCH AND LIGHTING

The Contractor shall provide and maintain at his own expense all lights, guards, fencing and watching when and where necessary or required by Employer for the protection of the works or for the safety and convenience of those employed on the works or the public.

46.CONTROL RECORDS

The under noted record books at the site of work shall be maintained in addition to normal routine requirements by the Contractor.

- a. Work site order book.
- b. Instruction by Bank's officers.
- c. Test registers of other materials / fittings fixtures equipment as stipulated in the tender.
- d. Register of drawings and working details. e) Log book of defects.
- e. Hindrances register giving details of commencement and removal of each hindrance.
- f. Dismantled materials account register.
- g. Specifications C.P.W.D. & I.S.I. as applicable to the contract.
- h. Receipt and consumption register of Cement, steel and costly items

These registers are to be got signed by the Site Engineer/Consultant.

47.SECURITY ARRANGEMENT

- i. Proper arrangements shall be made to keep all records under lock and key.
- ii. It shall be ensured that the Contractor provides watch and ward and security of materials.
- iii. Movement of material and stores, shall be through Bank gate pass only
- iv. When the work is completed and handed over to the Bank, the responsibility of proper security arrangement shall rest with the Bank.

48.LABOUR RECORD

The Contractor shall maintain relevant records and fulfil all conditions and requirements in accordance with following Act and Rules made there under.

- i. The payment of Wages Act. b)Employer's Liability Act.
- ii. Workmen's Compensation Act.
- iii. Contract Labour (Regulation &Abolition) Act, 1970 and Central Rules 1971.
- iv. Apprentices Act 1961.
- v. Minimum Wages Act 1948.
- vi. Industrial Disputed Act. 1947.
- vii. Maternity Benefit Act 1961.
- viii. ESI Act.
- ix. Payment of Bonus Act.
- x. Payment of Gratuity Act.
- xi. Any other Act is enactment relating thereto and rules framed there under from time to time.

Bank shall not be responsible for any violation by the contractor on the above mentioned acts/ rules. Contractor will be wholly/ solely responsible for any claim in the above referred subjects.

HANDING OVER BUILDING / PROJECT WORK TO THE EMPLOYER

Handing and taking over report and inventories / statement (in quadruplicate) at handing over shall be prepared. The reports and inventories shall be signed by:

- i. The Contractor (only the relevant papers).
- ii. Consultant
- iii. Competent Authority in the Bank.

The following inventories / statements shall be prepared:

- i. Inventory of all equipment's
- ii. Information folders & test reports for installations and as built drawings

The Engineer on behalf of the Employer associated with this operation, shall be apprised of the importance to carry out periodic inspections (at two months interval) for defects not rectified or fresh ones that crop up and issuing notice for their rectification to the concerned Contractors and the final inspection just before the expiry of the defects liability period.

49.DELINQUENCIES OF CONTRACTORS

The undernoted delinquencies/ defaults/ misconduct/ misdemeanours on the part of bidder or enlisted contract will attract disciplinary action.

- i. Incorrect information about credentials, about his performance, equipment, resources, technical staff etc.
- ii. Non-submission of the fresh / latest Income Tax Clearance certificate.
- iii. Irregular tendering practice.
- iv. Submission of tender containing for too many arithmetical errors and freak rates.
- v. Revoking a tender without any valid reasons.
- vi. Tardiness in commencing work.
- vii. Poor organization at site & lack of his personal supervision.
- viii. Ignoring Employer's Notices for replacement / rectification of rejected materials, workmanship etc.
- ix. Violating any of the important conditions of contract, i.e. site facilities, insurance, labour laws, ban on subletting etc.
- x. Lack of promptitude and co-operation in measurement of work and settlement of final account.
- xi. Non-submission of vouchers and proofs of purchase etc.
- xii. Tendency towards putting up - false and untenable claims.
- xiii. Tendency towards suspension of work for frivolous reasons.
- xiv. Bad treatment of labour.
- xv. Bad treatment of Sub-Contractors (piece workers) and un-business like dealing with suppliers of materials.
- xvi. Lack of co-operation with nominated Contractors or Employer's Labour.
- xvii. Contractor becoming Bankrupt or insolvent.
- xviii. Contractor's conviction by a court of law.
- xix. Failure to satisfactorily rectify defects during Defects Liability period (DLP) and discovery of latent defects in Contractors work after the expiry of DLP of his contract.

50.DISCIPLINARY ACTION AGAINST (DELINQUENCIES OF) CONTRACTOR.

The award of the under noted disciplinary action shall be considered.

- i. Placing embargo on issue of tenders of temporary suspension from the Employer's approved list.
- ii. Permanent ban on issue of tenders & removal from the Employer's approved list.
- iii. Circulation of the Contractor name to other public Undertaking or Government Department for non-entertainment of this publication for contract work.

51.FORCE MAJEURE

Any failure or delay by Contractor or Employer in performance of its obligations, to the extent due to any failure or delay caused by fire, flood, earthquake or similar elements of nature, or acts of God, war, terrorism, riots, civil disorders, rebellions or revolutions, acts of governmental authorities or other events beyond the reasonable control of non-performing Party, is not a default or a ground for termination. The affected Party shall notify the other party within reasonable time period of the occurrence of a Force Majeure Event.

52.SAFETY CODES

52.1 SCAFFOLDING

- a. Suitable scaffolds shall be provided for workmen for all works that cannot safely be done from the ground, or from solid construction except in the case of short duration work which can be done "safely from ladders" when a ladder is used, it shall be of rigid construction made either of good quality wood or steel. The steps shall have a minimum width of 450 mm and a maximum rise of 300 mm. Suitable hand hold of good quality wood or steel shall be provided and the ladder shall be given an inclination not steeper than 1/4 to 1 (1/4 horizontal and 1 vertical).
- b. Scaffolding or staging more than 4M, above the ground floor, swung or suspended from an overhead support or erected with stationery support shall have a guard rail properly bolted, braced or otherwise secured, at least 1M, above the floor or platform of such scaffolding or staging and extending along the entire length of the outside and ends thereof with only such openings as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.
- c. Working platforms, gangways and stairway shall be so constructed that they do not sag unduly or unequally and if the height of the platform, gangway or stairway is more than 4m, above ground level or floor level, they shall be closely boarded and shall have adequate width and be suitably fenced as described in (ii) above.
- d. Every opening in the floor of a building or in a working platform shall be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be 1M.

- e. Where ever there are open excavations in ground, they shall be fenced off by suitable railing and danger signals installed at night so as to prevent persons slipping into the excavations.
- f. Safe means of access shall be provided to all working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9M, in length while the width between side rails in rung ladder shall in no case, be less than 290 mm, for ladder up to and including 3M, in length for longer ladders this width shall be increased at least 20 mm for each additional meter of length.
- g. A sketch of the ladders and scaffolds proposed to be used shall be prepared and approval of the Engineer obtained prior to construction.

52.2 OTHER SAFETY MEASURES

- a. All personnel of the Contractor working within the site shall be provided with safety helmets. All welders shall wear welding goggles while doing welding work and all metal workers shall be provided with safety gloves. Persons employed on metal cutting and grinding shall wear safety glasses.
- b. Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the sites of work shall be so stacked or placed as to cause danger or inconvenience to any person or the public.

53.DEMOLITION/DISMANTLING

Before any demolition/dismantling work is commenced and also during the process of the work:

- i. No electric cable or apparatus which is liable to be a source of danger over a cable or apparatus used by the operator shall remain electrically charged.
- ii. All practical steps shall be taken to prevent danger to persons employed from the risk of fire or explosion or flooding. No floor, roof or other part of the building shall be so over-loaded with debris or materials as to render it unsafe.

54.PERSONAL SAFETY EQUIPMENTS

All necessary personal safety equipment as considered adequate by the Engineer should be kept available for used of the person employed on the site and maintained in a condition suitable for immediate use, and the Contractor should take adequate steps to ensure proper use of equipment by those concerned.

- i. Those engaged in white washing and mixing or stacking or cement begs or any materials, which are injurious to the eyes, shall be provided with protective goggles.
- ii. Those engaged in welding works shall be provided with welder's protective eyesight lids.
- iii. Stonebreakers shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.

- iv. The Contractor shall not employ men below the age of 18 years and women on the work of painting with products containing lead in any form. Wherever men above the age of 18 years are employed on the work of lead painting, the following precaution should be taken:
 - a) No paint containing lead or lead products shall be used except in the form of paste or ready- made paint.
 - b) Suitable face masks should be supplied for use by the workers when paint is applied in the form of spray or a surface having lead paint dry rubbed and scrapped.
 - c) Overalls shall be supplied by the Contractor to the workman and adequate facilities shall be provided, to enable the working painters during the execution of work.
- v. When the work is done near any public place where there is risk of drowning all necessary equipments should be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provision should be made for prompt first aid treatment of all injuries likely to be sustained during the course of the work.

INSTRUCTIONS TO BIDDERS

1. BIDDING PROCESS (TWO STAGES)

For the purpose of the present job, a two-envelope bidding process will be followed. The response to the present tender will be submitted in two parts:

- Technical bid
- Commercial bid

The bidders will have to submit the technical bid in Bank's e-procurement system as well as in hard copy and commercial bids in only online form through Bank's e-procurement system.

1.1 TECHNICAL BID

TECHNICAL BID will also contain the Compliance statement as per the Terms & Conditions mentioned in the Tender Documents, and NOT contain any pricing or commercial information at all. Technical bid documents with any commercial information will be rejected.

In the first stage, only TECHNICAL BIDs will be opened and evaluated. Only those bidders confirming compliance to all the terms & conditions of Tender document shall be short-listed for commercial stage.

1.2 COMMERCIAL BID

In the second stage, the COMMERCIAL BID of only those bidders, whose technical bids are short listed, will be opened.

2. SUBMISSION OF BIDS

Bidders are required to strictly submit their bids in electronic form using the e-procurement system at <https://pnbindia.in> and <https://etender.pnbnet.in> the Bank by using their digital certificates of class II and above (both encryption and signing). All the interested bidders should register themselves in the e procurement system <https://pnbindia.in> and <https://etender.pnbnet.in> for submitting the bids online, if they have not done earlier. The Tender document and further corrigendum, if any can also be downloaded from Bank's website <https://pnbindia.in> and <https://etender.pnbnet.in> received after closing of the bid in the e-procurement system are summarily rejected without any reason. The commercial bid should be submitted online only.

All the technical supporting documents should be submitted manually in a sealed envelope shall be super scribed as "Technical bid for" **Civil/Plumbing, Interior Furnishing & Electrical works for Digihut of Punjab National Bank at Hall of Fame, Leh, Ladakh** before the final date & time of bid submission at the following address.

Cost of Tender Document of Rs.1,180/- along with EMD of Rs. 27,000/- shall be submitted in a sealed envelope shall be super scribed as " **EMD Civil/Plumbing, Interior Furnishing &**

Electrical works for Digihut of Punjab National Bank at Hall of Fame, Leh, Ladakh” before the final date & time of bid submission at the following address.

Chief Manager
Punjab National Bank,
General Administration Department,
Circle Office(New Delhi)
4thFloor,RajendraBhawan,Rajendra Place, New Delhi 110008

At the time of physical submission of bid, bidder has to show acknowledgement e-mail received after completion of the bid submission in proof of having submitted the bid online.

3. CONTENT OF DOCUMENTS TO BE SUBMITTED

- i. Documents required in Technical Bid Envelope (Sealed Cover):
- ii. Bidders undertaking letter
- iii. Supporting documents as per Eligibility Criteria
- iv. Performance/Completion Certificate from clients and TDS certificate in case of private.
- v. Bidder Information
- vi. Acceptance of Compliance Statement
- vii. Duly signed Tender document and corrigendum, if any
- viii. Copy of last three years audited balanced sheet & profit and loss statement.
- ix. Bid Earnest Money/Tender Document cost.
- x. Power of attorney / Board resolution in favour of authorized person signing the Bid documents.

Note: a. All pages of the bid documents must be signed by authorized person.
b. All pages of the bid documents should be numbered in serial order i.e. 1, 2, 3...
c. Commercial bid to be submitted in e-procurement process only. No hardcopy of the same be enclosed with the supporting documents.

1. PRELIMINARY EXAMINATION

Bank will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required information has been provided as underlined in the bid document, whether the documents have been properly signed, and whether bids are generally in order.

The bid determined as not in order as per the eligibility criteria will be rejected by the Bank. The decision of the Bank is final towards evaluation of the bid documents.

2. EVALUATION AND AWARD CRITERIA

After opening of the technical bids, all the documents and annexure (except commercial documents/offer) will be evaluated first by the Bank. First, received bids will be evaluated based on the eligibility criteria. Technical bids of only those bidders satisfying the eligibility criteria will be evaluated.

Only those bidders satisfying the technical requirements and accepting the terms and conditions of this document shall be short-listed for further steps.

PNB will determine to their satisfaction whether the bidder selected as having submitted the best evaluated responsive bid is qualified to satisfactorily perform the contract. The decision of PNB will be final in this regard.

The determination will take into account bidder's financial, technical and support capabilities, based on an examination of documentary evidence submitted by bidders in support of eligibility criteria.

The award of contract will be based on evaluation of technical and commercial bids.

Bidders financial Information

Name:

Constitution:

Address:

Names & Addresses of the Partners if applicable:

Contact Person(s) _____

Telephone, Fax, e-mail _____

Number of years of experience _____

Please give brief financial particulars of your firm for the last three accounting years along with the volume of business handled.

(The information will be kept confidential)

Year	2017-18	2018-19	2019-20
Total Turnover			

Signature:

Seal of company

II. REFERENCE LIST

PROFORMA FOR PERFORMANCE STATEMENT

NAME OF BID

Sr.No	Name of Organization	No of Sites Connected	Duration of Contract	Contract Amount	Date of Order	Contact Person and Telephone no.	Whether services satisfactory? (Attach certificate from customer)*

Signature and Seal of Bidder

NOTE:

- Bidder to provide relevant certificates from the above mentioned organizations.
- The name and address of the organization along with key persons, their designation, telephone no. and email address should be provided.

* Satisfactory completion and performance certificate from the client for satisfactory execution of similar work as defined in eligibility criteria.

III. COMPLIANCE STATEMENT

DECLARATION:

Please note that any deviations mentioned elsewhere in the bid will not be considered and evaluated by the Bank. Bank reserve the right to reject the bid, if bid not submitted in proper format as per Tender Document.

Compliance	Description	Compliance (Yes/No)
Terms and Conditions	We hereby undertake and agree to abide by all the terms and conditions including all annexure, corrigendum(s) etc. stipulated by the Bank in this Tender Document. (Any deviation may result in disqualification of bids).	

Signature:

Seal of company

SPECIAL CONDITIONS FOR CONTRACT

1. The bidder shall acquaint himself with the proposed site of work before quoting his rates. The contractor should note and bear in mind that the Bank shall bear no responsibility for the lack of acquaintance of site and other conditions or any information relating thereto or on their part.
2. The contractor shall have to make arrangement for the storage of material as the building is located in the congested area and space for storage is not available. No additional charges shall be paid for the same.
3. If for any reasons, any part of the site is not available temporarily for some time for part of the work under the contract, the agreed construction schedule shall be suitably modified and contractor shall diligently divert his men and materials to utilize them appropriately, profitably and no claim of damages whatsoever shall be entertained on this account. However, the contractor shall be allowed extension of time for completing the work as deemed fit by the competent authority. The contractor shall also not be entitled to any compensation for any loss suffered by him and revision in the rates quoted by him.
 - a. On account of delay in commencing the work by the contractor.
 - b. On account of reduction in the scope of work.
 - c. On account of suspension of work or abandoned after award of work.
4. The contractor shall provide, at his own cost instruments for weighing and measuring purpose at the site of work as May be necessary for execution of the work.
5. The contractor shall construct a sample unit of different activities complete in all respect as per the directions of the Engineer-in-charge. This sample unit shall be got approved from the Engineer-in-charge before commencing the mass work.
6. The contractor shall take care of all safety precautions pertaining to construction of work, such as scaffolding, ladder, working platforms, gangways, electric arc/ gas welding, use of hoist and construction machinery.
7. On account of security consideration, some restrictions may be imposed by the security staff on the working and/ movement of men and materials etc. The contractor shall be bound to follow all such restrictions/ instructions and he shall organize his work accordingly. No claim on this account, whatsoever, shall be payable.
8. The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night, speed limit boards, red flags, red lights and providing barriers. He shall be responsible for all damages and accidents caused to existing/ new work due to negligence on his part. No hindrance shall be caused to traffic during the execution of the work.
9. The contractor shall be responsible for the watch and ward of all materials brought by the contractor to site against pilferage and breakage during the period of installation and thereafter till the works are physically handed over to the Bank.

11. The contractor shall take all preventive measures against any such damage caused by rain, snowfall, floods or any other natural calamity, whatsoever during the execution of the work. The contractor shall be fully responsible for any damage to the owner's property and to the work for which the payment has been advanced to him under the contract.
12. The work will be carried out in the manner complying, in all respects, with the requirements of relevant bye-laws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-Charge and nothing extra shall be paid on this account.
13. The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges which may be liable.
14. The contractor shall give due notices to Municipal, Police and/or other authorities that may be required under the law/rules under force in the area and obtain all requisite licenses for temporary obstructions / enclosures and pay all charges which may be leviable on account of his execution of work under the agreement. Nothing extra shall be payable on this account.
15. All materials to be incorporated in the work shall be arranged by the contractor and shall be in accordance with the specifications laid down.
16. The bidder shall use materials bearing ISI Certification Mark unless otherwise specified or allowed in writing by the Engineer-in-Charge. Any material banned by the Bank shall not be used in the work.
17. The contractor shall submit to the Engineer-in-charge samples of all materials for approval. Such samples of materials which affect aesthetics of the work shall also be got approved from the Engineer-in-charge of the project before procuring bulk supplies. These approved samples shall be preserved and retained in the custody of the Engineer-in-charge as standards of materials till the completion of the work. The cost of such samples shall be borne by the Contractor and nothing shall be payable on this account over the Agreement rates.
18. The contractor shall be required to get all the necessary mandatory and other tests as per the specifications/ IS codes, carried out on materials/ work from an approved laboratory as per the direction of the Engineer-in-charge. The testing charges and conveyance from the site shall be borne by the contractor.
19. In case any material / work is found sub-standard the same shall be rejected by the Engineer-in-charge and the same shall be removed from the site of work within 48 hours, failing which the same shall be got removed by the Engineer-in charge at the risk and cost of the contractor without giving any further notice and time. In order to ensure quality of work during its execution, the Engineer-in-charge may require samples for mandatory or routine testing of materials. All costs of these samples, their packaging, conveyance from the site to the testing laboratory and return, shall be borne by the contractor.
20. Even ISI marked materials May be subjected to quality test at the discretion of the Engineer in-charge. Whenever ISI marked materials are brought to the site of work the contractor shall, if required by the Engineer-in-charge, furnish manufacturer's test certificate or test certificate from

approved testing laboratory to establish that the materials procured by the contractor, satisfy the provisions of relevant ISI codes. The testing charges shall be borne by the contractor.

23. The contractor shall supply free of charge the material required for testing. The cost of tests shall be borne by the contractor.

24. The work shall be executed and measured in metric system. The metric dimensions given in the schedule of quantities and drawing etc. shall be followed. (The dimension in FPS units wherever indicated are for guidance only) The figures in the drawings shall be followed.

25. The contractor shall be responsible for completing the work and for satisfying all terms and conditions of the Contract without any extra payment over his quoted rates unless otherwise specified. The contractor shall quote his rate for various items of work accordingly and no claim whatsoever shall be entertained for any incidental or extra work involved in the execution of the work as per nomenclature of the item and the specifications indicated in the tender documents.

26. Subject to the nomenclature of the item as per schedule of quantities, the specification indicated in the tender documents, the rates quoted shall include cost of all materials including royalty and taxes if any, labour, sundry inputs, execution of work at all heights, levels, pattern and design for all leads, lifts and depths including overhead charges and contractor's profit. Nothing extra shall be paid on this account.

27. The rate shall be inclusive of making design, pattern and execution of work as per Architectural drawings, at all levels and heights.

28. Other agencies doing works related with this project will also simultaneously execute the works and the contractor shall afford necessary co-ordination for un-hindered completion of these sub-works.

29. The contractor shall give a satisfactory performance test of installations individually and as a whole to ensure their proper functioning before the work is finally declared and completed and accepted.

30. The contractor shall continue to maintain watch and ward to safeguard the Owner's property in his possession until the same is formally handed over as per directions of the Engineer-in-charge. Nothing extra over agreement rates shall be paid on this account.

31. All tools, plants and measuring or weighing equipment shall be arranged by the contractor himself and nothing extra shall be paid to the contractor on this account.

32. The quantities of various items incorporated in the tender are approximate. However, the payments shall be made to the contractors on the basis of actual measurements taken at site.

33. The contractor shall protect the adjoining buildings or works and the work under execution from fire and shall make adequate arrangements for fire protection and fire fighting and if any property is damaged, by fire due to the negligence of the contractor, the same shall be made good by the contractor at his own cost, to the entire satisfaction of Engineer-in charge.

34. The contractor shall provide adequate lighting arrangements as approved by the Engineer in-charge for carrying out the work during night time, if so required and also provide all other facilities for the labour employed to carry out the work as per direction of Engineer in-Charge.

35. In order to achieve the targeted date of completion the contractor May have to work in multiple shifts, round the clock including public and gazetted holidays and nothing extra shall be paid on this account.

36. All materials, articles and workmanship shall be of respective best quality and kind for the class described in the schedule of quantities and specifications. All materials, so used in different items of work shall be subject to the approval of the Engineer-in-charge.

37. The contractor shall be responsible for all statutory provisions and deductions towards ESI, PF or any other, as the case May be or any other levies and taxes shall be borne by the contractors. The TDS, Service Tax and VAT/Contract Tax or any other statutory levies/taxes incorporated from time to time shall be deducted progressively from the running account bills, as applicable at the time of payment. No claim in this regard shall be entertained.

38. The contractor shall abide the minimum wages act, and shall produce all records to the Engineer-in-charge or any other statutory authority as and when called for. The Engineer- in-charge does not hold any responsibility on account of any lapses in this regard. The contractor shall indemnify the bank from any loss caused to Bank for non-compliance of any statutory duty by contractor under any labour law or otherwise.

39. No extension of time shall be granted to the contractor on account of rains or inclement weather conditions except force major.

40. For any clarification/ doubt, the Bankmay organize regular meetings with Contractor. The contractor shall attend such meetings invariably as and when required.

41. In respect of the work of other agencies, where the commencement or progress of such work of any other agency is dependent upon the completion of particular portions of the contractor's work or generally upon the contractor maintaining progress in accordance with the approved coordinated construction programme, it shall be the responsibility of the Contractor to complete such portions and maintain such progress.

42. The contractor shall have to do all drilling of holes and cutting of walls, chases or other elements of the building for the complete and proper installation of the pipe lines/ ducts and other equipment's by using electrically operated tools such as drills/ chases cutting machine etc. Manual drilling or chiselling or cutting shall be permitted on special request only.

43. No chiselling or cutting or drilling of RCC columns, beams, girders and other principal structural members shall be done unless prior permission has been granted by the Engineering charge in writing.

44. All chases and openings made by the contractor for his pipe lines shall be filled/ covered over with cement plaster in reasonable manner. Before rough plastering on the pipe surfaces the concealed pipes shall be secured to the wall by using proper supports/ clamps.

45. After completion of work and before issuance of certificate of virtual completion the contractor shall submit eight (4) sets to the Engineer-in-charge, layout drawing drawn at appropriate scale/As Built Drawings and with 2 copies on CD the complete PLUMBING/SANITARY& Electrical system 'as installed',

46. The contractor shall be provided adequate storage/ office space for his use. The space has to be maintained/ constructed by the contractor as per his usage requirements.

47. All spaces allotted to the contractor as described above shall be vacated and all structures removed from site at any time as and when required and directed by the Engineer-in charge, unconditionally and without any reservation. The Engineer-in-charge will not be obliged to give any reason for such removal. Upon receiving instructions to vacate the space, the contractor shall immediately remove all his structures, materials, etc. from the sources and clear and clean-up the site to the satisfaction of the Engineer-in-charge.

48. It shall be the responsibility of the Contractor to safeguard the site and ensure that no illegal encroachments are made by outside elements within the area allotted to the contractor. Upon completion of the work or earlier as required by Engineer-in-Charge, the contractor shall vacate the land totally without any reservation.

49. The security of workmen, materials, equipment stores etc. within the area allotted to the contractor shall be the responsibility of the contractor.

50. The site of work shall have required equipment's for various tests at site by the contractor at his own cost and nothing extra shall be payable on this account.

51. The contractor shall arrange following minimum plant and equipment's at site for the execution of work. These May have to be increased depending on the requirement site.

52. The quantities indicated are for guidance only however it May vary to any extent and the contractor should not have any financial or other implications for such variations. The owner reserves to reduce the scope of work of any item if the contractor fails to deliver the works in time and the contractor shall not ask for any financial consideration for such deletion of scope of the work.

53. Any extra item shall be worked out as actual cost of the materials and actual cost of the labour plus 15% as overhead and profit. The decision of bank will be conclusive and final binding on the contractor.

54. The contractor shall take photographs of site prior to commencement of work, during construction and after completion of work as suggested and shall submit the photographs in soft and hard copies to Bank for which no extra payment will be made.

55. If required and directed by Engineer-In-Charge, contractor shall arrange visits of his personnel comprising of Engineer-In-Charges to various places/ plants in or out side Delhi / Gurgaon to check and verify the quality of material at manufacturer's places. No extra cost shall be given for this to contractor.

56. Layout of works shall be got checked by Consultant and only then further work shall be taken by after approval.

57. All electrical works shall be got carried out through licensed Electrical Contractor having experience of similar work.(Certified Copy of the licensed to be attached) Successful bidder to submit the details of licensed Electrical Contractor before start of Internal Electrification Work. The work shall be executed as per specifications and strictly in keeping with relevant IS code and rules and regulations of authorities.

58.The work should be carried out as per latest CPWD specification and as per the standard engineering practice.All measurements shall be made as per CPWD norms.

59. Site should be cleaned every day and all the unusable material/malba shall be removed from the site and unusable materials shall be stacked properly so that there is no hindrance for staff and public failing which bank will remove the same at their level and necessary recovery shall be made from the contractor's bill accordingly.

60. The contractor shall be required to maintain the coordination with the Building Maintenance Contractor, if required.

61. No old / dismantled material shall be used by the contractor in the work under any circumstances. Unless otherwise specified or under instruction of the bank.

62. The bidder to visit the site and examine the rebate items and site condition before quoting the rates.

63. Dismantling & taking away includes the disposal of unserviceable material / malba to Approve municipal yard.

64. The Rebate/Buyback items will be the property of the contractor. Rates of rebate/buyback item shall be considered as negative while calculating the value of tender.

65.The Contractor shall comply with the provisions of Contract, Labour (Regulation & Abolition) Act, 1970, Minimum Wages Act and all other Labour Laws and other Statutory Regulations (both Central and State) that may be enforced from time to time by the appropriate authorities. Bank shall not be held responsible for any penalty on failure of the any Labour Regulations. Bank shall have the power to inspect the Wage Register and for physical verification of salary paid to the staff with reference to any records of the Contractor and to insist the Contractor to comply with Laws.

66. Contractor should obtain necessary permission that may be required for the purpose of this Contract from such authorities as may be prescribed by Law from time to time.

67. Contractor or his authorized representative should visit the site frequently as required by the Bank and meet Bank's Engineer with prior appointment for any clarifications and to receive instructions, take measurements, etc. at the site.

68. The Contractor should arrange to issue photo identity card to his workers.

69. Any act of indiscipline / misconduct / theft / pilferage on the part of any employee engaged by the Contractor resulting in any loss to Bank in kind or cash will be viewed seriously and Bank will have the right to claim damages or levy fine and / or terminate the Contract forthwith, if necessary.

70. In case of any default or failure on Contractor's part to comply with all / any one of the Terms/ Conditions, Bank reserves to itself the right to take necessary steps to remedy the situation including, inter-alia, the deduction of appropriate amount / s from dues otherwise payable to Contractor and / or by taking recourse to appropriate recovery proceedings.

71. Keeping the area clean and removal of debris: Contractor shall arrange to dispose off debris, any other waste product created while carrying out the work, outside Bank's premises. The Contractor shall take due care while disposing of such waste materials and ensure that any rules / regulations laid down by Municipal Corporation or any other statutory body are not violated. The Contractor shall be responsible and answerable to any complaint arising out of improper disposal of waste material. Quoted rates shall involve the cost of same and no extra payment shall be made towards this account.

72. It is mandatory to provide purchase voucher of the material where basic rates are given in BOQ. However, Bank may instruct the contractor to submit purchase voucher/ test certificate of any material Basic rate wherever mentioned is material landing rate at site (after factoring the discount applicable as per market).

73. The specifications for the entire work shall be in accordance with latest CPWD specifications and latest IS codes. Whenever these codes are silent, the same shall be governed by sound engineering practice and the decision of the Bank in matter of interpretation shall be final and binding on the contractor.

74. Electricity & Water will be provided by Bank at one point. Further necessary arrangement/extension, if required, shall be done by the contractor at his own cost with the approval of Bank.

75. For Electrical work agency deployed must have valid electrical contractors license.

76. Aluminum shop drawings have to be submitted and get it approved before proceeding the work.

LIST OF APPROVED MAKE / MATERIAL		
FOR CIVIL & INTERIOR WORK		
S.NO	PRODUCTS	MANUFACTURERS
1	GYPSUM BOARD FALSE CEILING	ST. GOBAIN/GYPROC GYPSUM/BOZAL
	SUSPENDED CEILING	INDIA GYPSUM/ARMSTRONG/DEXUS.
2	WOOD	BEST QUALITY STEAM TEAKWOOD/DEODAR WOOD. WELL SEASONED FREE FROM SAP. KNOTS. CRACKS. UNIFORM IN COLOUR.
3	6/9/12MM. PLYWOOD	GREENPLY. CENTURY, ARCHID.
4	19MM COMMERCIAL PLY	GREENPLY. CENTURY, ARCHID.
5	ALUMINUM SECTION	JINDAL, INDAL, HINDALCO, ALLURA.
6	1 MMTHICK LAMINATES	SUNMICA, ARCHLAM. GREENLAM.
7	GLASS	MODIFLOAT. SAINT-GOBIN, MODIGUARD, GURIND.
8	HARDWARE	EBCO. SOLO. VISION. RIDER.
9	LOCKS	GODREJ. HARRISION, DOORSET.
10	DOOR CLOSER AND FLOOR SPRING	EVERITE/DOORKING/OZONE
11	ADESIVE (for wood)	FEVICOL. VEMICOL-HV.
12	PAINTS	NEROLAC SHALIMAR. ASIAN/ DULUX.
13	VERTICAL BLINDS	MAC. VISTA.
14	S.S SINK	JAYANA/NEELKANTH/NIRALI.
15	CP FITTING	JAGUAR /GROHE/KOHLER
16	VITRIFIED TILES	ASIAN. ORIENT. NITCO. JOHNSON & JOHNSON. KAJARIA.
17	CERAMIC TILES	NITCO, BELL,KAJARIA, ORIENT
18	GRAY CEMENT(43 OR 53 GRADE)	ACC/JK/ AMBUJA
19	WHITE CEMENT PUTTY	BIRLA WHITE SHALIMAR
20	CLAY BRICKS	GOOD QUALITY LOCALLY AVAILABLE MATERIAL APPROVED BY ARCHITECT/ BANK.
21	STEEL (TMT)	TATA. SAIL. JINDAL OR EQUIVALENT.
FOR ELECTRICAL WORK		
22	CABLES (ISI MARK, 1100 V GRADE)	CCI. HAVELLS. GLOSTER, POLYCAB.
23	WIRES: 1100 V GRADE ISI MARK	FINOLEX. HAVELLS. POLYCAB
24	PVC CONDUITS ISI MARK	DIPLAST. POLY-PLAST.POLY INDIA,AKA,BEC
25	CASING CAPPING & ACCESSORIES	PRECISION, MODL ASIAN.
26	TRUNKINGS & TRUNKLINGS	PRECISION, MODI.

27	6A/L5A MODULAR TYPE SWITCH & SOCKET	LEGRAND, NORTH WEST. ANCHOR ROMA.
28	CEILING ROSES.BUTTON HOLDERS. BUZZERS, BELLPUSH. BELLS.	ANCHOR.NORTHWEST, MDS.
29	DISTRIBUTION BOARDS. MCCB'S	LEGRAND.STAND ARD,HAVELLS, INDO-ASIAN.
30	ELECTRICAL FITTINGS. LIGHTING FIXTURES. LED LIGHTS	PHILIPS, HAVELLS,BAJAJ
31	FANS AND EXHAUST FANS.	HAVELLS, CROMPTON/USHA/BAJAJ.
32	TELEPHONE WIRES	HAVELLS. FINOLEX. DELTON.
33	FLOURESCENT TUBES & BULBS	BAJAJ, HAVELLS. PHILIPS.
34	CFL	BAJAJ. HEVELLS. PHILIPS.
35	G.I. B-CLASS PIPES (ISI)	JINDAL, PRAKASH OR EQUIVALENT
36	ELECTRONIC REGULATORS	LEGRAND. NORTH WEST. HAVELLS. C ON A. ROMA.
37	MCBS.	LEGRAND. SCHNIDER. HAVELLS. INDO-ASIAN.
38	MCCB & HRC FUSE MS	LEGRAND. SCHNIDER. ABB. HAVELLS. INDO-ASIAN. L&T.
39	CHANGE OVER.	S.C.I, KAY CEE. H.P.L. STANDARD, HAVELLS.
40	KITKAT	S.S.K. HAVLLES. KAY.
41	I.O & CAT-5,6,	D-LINK.BEST NET.AMPS. SYSTIMAX.
42	EPBAX	MATRIX. ACCORD.

BOQ/SCHEDULE OF WORK / ITEM(S)					
SI.No		Units	Qty	Rate	Amount
1	Trench excavation in all kind soils including dressing of sides and ramming of bottom including all lifts and leads inclusive of dressing of excavated material at dumping site dewatering (if any), tools and plant as may require, labours as per specification drawings and as directed by the Engineer In-charge	Cum	30.38	To be submitted online only	To be submitted online only
2	Providing and laying of hand packed stone soling (size 150mm-230mm) before laying of mud mat in pile caps / stitch slab with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	cum	6.7	To be submitted online only	To be submitted online only
3	Filling of the ground floor with compacted stone boulders under floors in 20cm layers and consolidated all complete job with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	Cum	0	To be submitted online only	To be submitted online only
4	Cast in situ of concrete work of nominal mix concrete M-15 grade nominal maximum size of stone aggregate 40mm volumetric batching up to plinth level including curing but excluding formwork costs with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge.	Cum	1	To be submitted online only	To be submitted online only
5	Cast in situ Design mix of M-25 (grade, water cement ratio as per design, nominal max size of stone aggregate 20mm, weigh batching, including curing but excluding formwork costs for all RCC works from plinth to roof level with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	Cum	28.3	To be submitted online only	To be submitted online only

6	Form work of steel plates not less than 3.0mm thick M.S. sheets of specified size stiffened with suitable structural frame work true to plane or Waterproof Plywood plates of not less than 12mm thickness of specified sizes stiffened with a suitable timber frame work prop height up to desired height in foundation, plinth beams, all types of suspended floors, soffits of slabs, sloping areas, sides and soffits of beams ribs, columns posts, pedestals, ornamental projections or features desired heights and thickness complete including its removal for all RCC works from plinth to roof level with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	sqm	30	To be submitted online only	To be submitted online only
7	Providing, assembling and placing high strength deformed steel bars of Fe 500D grade (conforming to IS 1786-1985) for RCC work including cost of binding wires for all levels from foundation to roof, including R/F used in piles and also including lap welding of longitudinal reinforcement & tack welding of transverse r/f for piles as per details with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	Kg	850	To be submitted online only	To be submitted online only
8	Brick Masonry in 1:4 cement mortar (1 cement: 4 coarse sand) with second class (75A) bricks up to desired height in all floors as per architectural design and drawings with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	Cum	15	To be submitted online only	To be submitted online only
9	Providing and fixing of double charge polished vitrified floor tiles min. thickness 8.5 mm colour of standard made in all colours and size 2'0"x2'0" (600mmX600mm)& above as approved by the Engineer In-charge laid on 20mm thick cement mortar in 1:4 (1 cement 4 sand) including the pointing the joint in white cement and matching pigments in offices etc. complete carriage upto site complete job as per IS 13753 with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings,	sqm	26	To be submitted online only	To be submitted online only

	specification and as directed by the Engineer In-charge				
10	Providing 12 mm/20mm thick cement plaster in 1:4 cement mortar in walls using coarse sand with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	sqm	155	To be submitted online only	To be submitted online only
11	Providing 6 mm thick cement plaster in 1:3 cement mortar in ceilings using coarse sand with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	sqm	28	To be submitted online only	To be submitted online only
12	Providing and finishing of walls and ceilings with putty(White cement based) of required thickness to prepare the surface even and smooth complete in specified areas as per specified pattern with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	sqm	93	To be submitted online only	To be submitted online only
12	Furnishing walls with two or more coats of textured exterior paint applied over and including primary coat of exterior primer applied @2.20 Kg/10 sqm	sqm	87	To be submitted online only	To be submitted online only
13	Painting of internal walls and ceilings with two or more coats of emulsion paint of specified shade and quality (brand)to an even shade over and including priming coat, preparation of base surface with oil based filling, all complete with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	sqm	93	To be submitted online only	To be submitted online only

14	Providing and fixing of 1st class ceramic glazed tiles in walls conforming to relevant IS codes of minimum 5mm thickness of approved make in all colour shades of any size as approved by the consultant laid over 12mm thick bed of 1:3 cement mortar (1 cement:3 coarse sand) and jointed with grey cement slurry @3.3 kgs/Sq.m including pointing in white cement mixed with pigment of matching shade complete as per IS:15622 . The tiles shall be tested in accordance with IS:13630	sqm	10.5	To be submitted online only	To be submitted online only
15	Providing and fixing of first class ceramic glazed tiles (antiskid) in bath rooms conforming to relevant IS codes of required thickness of approved make in all colour shades of any size as approved by the consultant laid over 20mm thick bed of 1:4 cement mortar (1 cement:4 coarse sand) including pointing in white cement mixed with pigment of matching shade complete in floors of bathroom per IS:15622 . The tiles shall be tested in accordance with IS:13630 with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	sqm	3	To be submitted online only	To be submitted online only
16	Providing under layer for plinth protection including preparation of ground 75mm thick (un-compacted) layer of dry stones aggregates (40mm nominal size) well rammed and grouted with sand with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	sqm	15	To be submitted online only	To be submitted online only
17	Providing Plinth protection 50mm thick of M-15 nominal mix (max agg. size 20mm) concrete including smooth finishing the top surface with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	sqm	15	To be submitted online only	To be submitted online only
18	Providing and fixing of glazed partition with 10mm thick glass to be embedded in aluminium framework of 16 gauge of size 4" x 2" top and bottom rail and 2" x 2" side rail. Glass to be fixed with aluminium beading .Aluminium framework to be finished with approved shade of anodized. (Champagne / Bronze colour)	sqm	13	To be submitted online only	To be submitted online only

19	For Main Door. Providing and fixing powder coated 14 gauge aluminum(jindal,hindalco in approved colour) glazed door of size 3'-6"x 7' along with frame and fixed glazing with 8mm thk. clear glass at main entry as per design inclusive of cost of rubber gaskets, hinges, handle and lock and floor spring complete in all respects	sqm	2.3	To be submitted online only	To be submitted online only
20	DOOR FRAMES P / F of 3'0" x7'0" door frames of size out of 4"x2 1/2 " first quality fully seasoned teakwood. Frames / profiles,duly secured to floor/partitions & ceiling, finished in enamel paint/polish matching to laminate , as per detail / design.	No	2	To be submitted online only	To be submitted online only
21	DOOR:- Providing 32 mm flush door for toilet record room UPS room with laminate on both side/one side laminate other side gypsum complete in all respect inclusive of mortise latch locks,bolts hinges all hardware complete.	No	2	To be submitted online only	To be submitted online only
22	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 6 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :(SLSWHT6855S) EWC WITH PP SEAT COVER WITH HINGES FIXING ACCESSORIES CISTERN FITINGS,TRAP DSTANCE 300 MMS TRAP with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	No	1	To be submitted online only	To be submitted online only
23	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :(FNS WHT 40801) WASH BASIN WITH FIXING ACCESSORIES SET, PEDESTAL (FNSWHT40301) , PILLAR COCK AUTO CLOSING SYSTEM(PRS 031) with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	No	1	To be submitted online only	To be submitted online only

24	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 485x310x7100 mm size With FIXING ACCESSORIES SET(URSWHT13255), urinal sensor sensortronic Sensor Flushing Valve for Urinal with Complete Kit suitable for Urinal(SNRCHR51097) with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	No	0	To be submitted online only	To be submitted online only
25	Providing and fixing 3mm thickness mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge Rectangular shape 453x357 mm	No	1	To be submitted online only	To be submitted online only
26	Providing and fixing toilet paper holder WITH FLAP with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge C.P Brass	No	1	To be submitted online only	To be submitted online only
27	Providing and fixing Soap Dispenser with Metallic Bottle. with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	No	1	To be submitted online only	To be submitted online only
28	Providing and fixing water Jet Nozzle/ health faucet with hose pipe European water closet complete in all respect of approved quality(ALD 573) . with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	No	1	To be submitted online only	To be submitted online only
29	Providing and fixing CP brass towel rail complete with CP brackets fixed to wooden cleats with CP brass screws(Jaquar model no.AKP 357 11P or equivalent model of other approved make) . with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	No	1	To be submitted online only	To be submitted online only

30	Providing and fixing soil, waste and vent pipes High Density Low Noise System suitable to rubber ring joints , which includes bends, rubber ring, jointing, junctions, clean out plug , cowls, offsets, collar, M.S holder-bat clamps, access pieces, trap of self cleansing design .etc. complete including jointing made as per DIN 4102.B1 . with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge			To be submitted online only	To be submitted online only
31	110 mm dia. PVC SWR Double socketed pipe with rubber ring joints	Rm	5	To be submitted online only	To be submitted online only
32	160 mm dia. PVC SWR Single socketed pipe with rubber ring joints	Rm	0	To be submitted online only	To be submitted online only
33	Providing and fixing C.P. brass bottle trap for wash basin including CP waste fittings complete 32 mm dia complete in all respect of approved quality with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	No	1	To be submitted online only	To be submitted online only
34	Providing and fixing Polyethelene-Aluminium-Polyethelene (PE-ALPE) Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80 0C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes testing of joints complete with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge (Internal concealed work)			To be submitted online only	To be submitted online only
35	1620 (20 mm OD) pipe	Rm	15	To be submitted online only	To be submitted online only
36	2025 (25 mm OD) pipe	Rm	5	To be submitted online only	To be submitted online only
37	2532 (32 mm OD) pipe	Rm	0	To be submitted online only	To be submitted online only
38	4050 (50 mm OD) pipe	Rm	0	To be submitted online only	To be submitted online only

39	Providing and Fixing of Thermal Insulation for Hot Water Lines made out of Flexible Elastomeric Foam of Closed Cells Structure Having a Thermal Conductivity of 0.038 W/m.K at 200 Deg C water Vapour Permeability of Cu.m 5000 as Required including accessories i.e Adhesives/Tape on all Joints with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge.			To be submitted online only	To be submitted online only
40	2532 (20 mm OD) pipe	Rm	5	To be submitted online only	To be submitted online only
41	Providing and fixing un-plasticised PVC connection pipe with brass unions of length 45 cm:			To be submitted online only	To be submitted online only
42	15 mm nominal bore	No	0	To be submitted online only	To be submitted online only
43	Supply,Installation,Testing of UPVC Manhole/Inspection Chamber made out of 100% Virgin UV Stabilized Polyethylene Material		0	To be submitted online only	To be submitted online only
44	600 mm DIA-3 Inlet/750 mm Depth	No	2	To be submitted online only	To be submitted online only
45	Providing and filling sand of grading zone V or coarser grade all-round the G.I./CPVC pipes in external work & lay dry brick over sand layer to protect the pipe with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge		0	To be submitted online only	To be submitted online only
46	110 mm SN-8	Rm	4	To be submitted online only	To be submitted online only
47	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge		0	To be submitted online only	To be submitted online only
48	1000 LTRS	No	1	To be submitted online only	To be submitted online only

49	Providing and fixing C.P brass bib cock with Auto closing System with Built in control Cock with Wall Flange of approved quality (PRS 043) with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge			To be submitted online only	To be submitted online only
50	15 mm nominal bore	No	1	To be submitted online only	To be submitted online only
51	Providing and fixing C.P. brass angle valve for basin mixer and geyser/cisterns points. (FUS 29053) with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge			To be submitted online only	To be submitted online only
52	15 mm nominal bore	No	4	To be submitted online only	To be submitted online only
53	Providing and fixing C.P. brass Wall Mixer (FLR 5219N) with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge		0	To be submitted online only	To be submitted online only
54	15 mm nominal bore	No	1	To be submitted online only	To be submitted online only
55	Providing & fixing full way lever operated forged brass ball valve of brass body with forged brass hard chrome plated steel ball tested to a pressure not less than 10 Kg / sqcm with threaded / flanged joints complete with nuts, bolts, gaskets, washers etc. with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge		0	To be submitted online only	To be submitted online only
56	25 mm diameter	No	4	To be submitted online only	To be submitted online only
57	32 mm Diameter	No	0	To be submitted online only	To be submitted online only
58	40 mm Diameter	No	0	To be submitted online only	To be submitted online only
59	Providing and fixing on wall 25 LTRS Electric Geyser with ABS Body.(Model No. ELENA-ELM-WHT-V025) with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge	No	1	To be submitted online only	To be submitted online only

60	Construction of underground .septic tank (size 3mx2mx3 m) and soak pit as directed by Site incharge Engineer.	No	1	To be submitted online only	To be submitted online only
61	Supplying and Fixing of Following sizes of PVC Conduit along with Accessories in surface/Recess including painting in case of surface conduit, cutting the wall and making good the same in case of recessed conduit as required.			To be submitted online only	To be submitted online only
62	25mm PVC Conduit	Rm	75	To be submitted online only	To be submitted online only
63	Supply & Erection of lockable 9/12 U rack with 5A strip and two fan for distribution, mounting of patch panels, hubs, switches etc,, complete as per specification and as desired by EIC	No	1	To be submitted online only	To be submitted online only
64	Supply & Erection of CAT 6, 24 port Jack panel for termination of CAT6 cable, Testing& certification of the network with Omni/Penta Scanner of each Cable	No	1	To be submitted online only	To be submitted online only
65	Supply & Erection of Cat-6, 1Mtr Patch Cords complete as per specification and as desired by EIC	No	3	To be submitted online only	To be submitted online only
66	Supply & Erection of Cat-6, 3Mtr Patch Cords complete as per specification and as desired by EIC	No	4	To be submitted online only	To be submitted online only
67	S/f in Plinth with stone dust under flooring including watering, ramming, Consolidating and dressing including carriage from source to site.	Cum	30	To be submitted online only	To be submitted online only
68	S/I/T/C of 600 x 600mm Recess mounting LED panel CRCA powder coated white housing, Slim, aesthetic CRCA powder coated bottom frame, Special translucent high transmissivity, non yellowing polycarbonate diffuser,High power, high efficiency LEDs ,Specially designed constant current driver. Lumen output should be 3000 to 4000. Wattage should be inclusive of LED and Driver losses.Color Temperature 5000-6000K-40W - 35W	NOS	12	To be submitted online only	To be submitted online only
69	S/I/T/C of circular recess mounted LED Downlighter High power, high efficiency Chip-On-Board LED module,High transmittivity, non-yellowing PMMA diffuser,Pressure die cast aluminum housing and special,wave shaped radial heat sink, black powder coated,for superior thermal performance,Aesthetic white rim molded in engineering plastic,Specially designed, easy to install mounting clips. Lumen output should be 1000 to 1300 for 16 -18W.The fitting should be inclusive of LED and Driver complete in all respects.Color Temperature 5000-6000K,18W - 16W	NOS	0	To be submitted online only	To be submitted online only

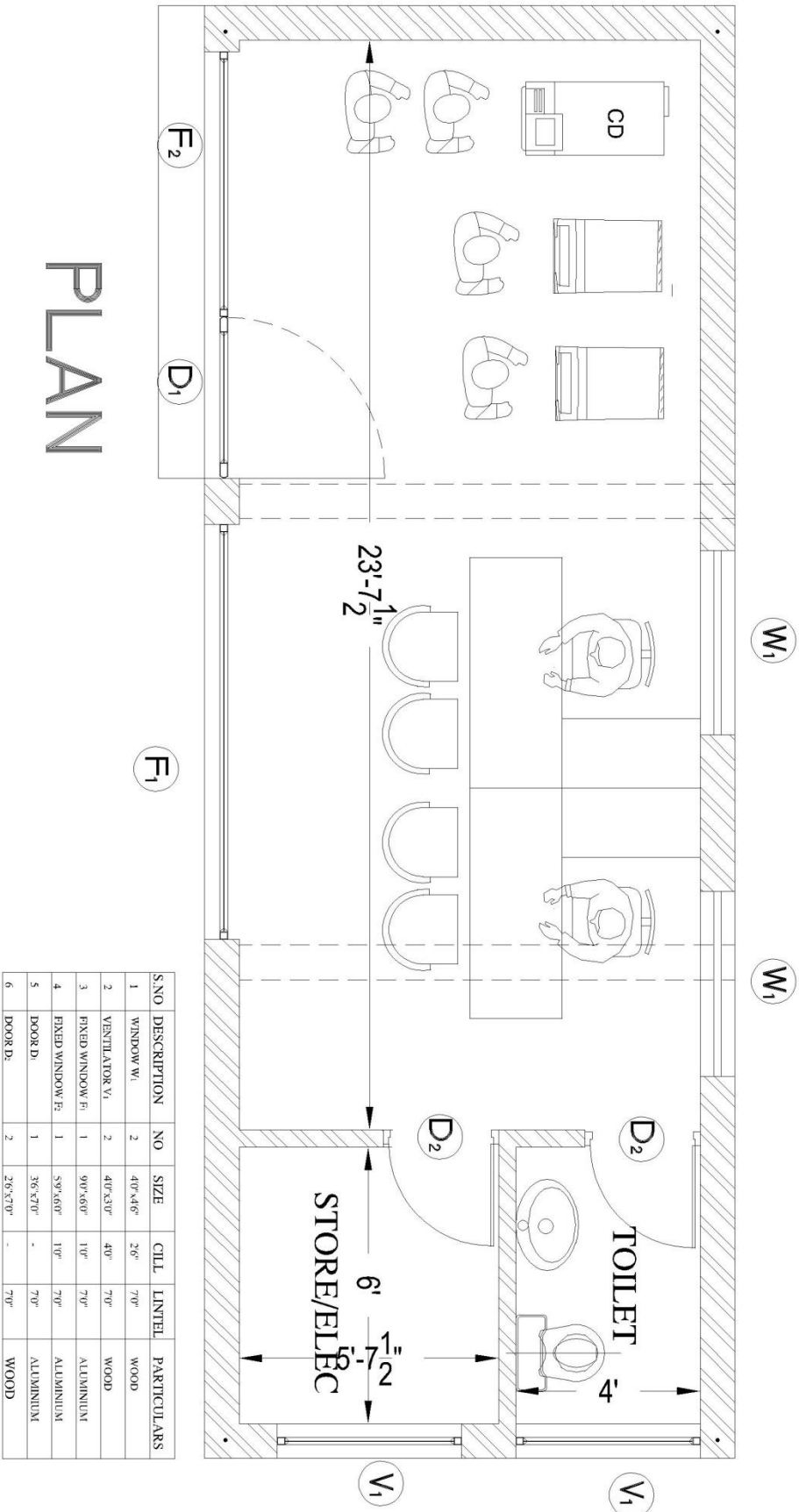
70	20 W LED tubelights	NOS	6	To be submitted online only	To be submitted online only
71	S/I/T/C of bracket/ceiling fan ceiling with all fixing accessories, blades etc. complete. Make:- Usha, Crompton, Bajaj, Khaitan or equivalent.	NOS	3	To be submitted online only	To be submitted online only
72	S/I/T/C of 225 mm single phase exhaust fans with mounting frame etc. complete. Make:- Usha, Crompton, Bajaj, Khaitan or equivalent.	NOS	0	To be submitted online only	To be submitted online only
73	S / I / T / C of Sub-mains & UPS wiring with PVC insulated copper conductor of suitable size 660/1100 Volts grade wires in existing concealed or surface mounted 25/32/40 mm dia PVC rigid conduit either in slab or on above false ceiling or in walls or in partitions and in existing raceway, cable trays terminating the conductors in respective panels DB's switch boxes with suitable size earth wires and associated hardware etc. as per technical specifications and drawings.			To be submitted online only	To be submitted online only
74	2x4.0 + 1x2.5 Sqmm Copper FRLS wires (for UPS wiring)	Rm	4	To be submitted online only	To be submitted online only
75	4x10.0 + 2x4.0 Sqmm Copper FRLS wires (for main Wiring)	Rm	4	To be submitted online only	To be submitted online only
76	S / I / T / C of Switch controlled primary light points with 2.5 Sqmm PVC insulated 1100 volts grade multistranded FRLS copper conductor wires, in IS marked 25 mm dia medium duty PVC conduit, recessed and/or surface mounted, including the cost of cutting chases in brick work and repairing/making the chases good and including providing and fixing of 6 amps single pole modular switch, complete with grid & cover plate in GI box (zinc chromate passivated) and earthing of fixtures and the box with 1.5 sqmm PVC insulated copper conductor earth wire including Circuit Wiring from DB to switch boards, with 2.5 sqmm PVC insulated copper wire complete as per specifications and as required.	NOS.	6	To be submitted online only	To be submitted online only
77	Same as above but Switch controlled secondary points with 2.5 sqmm PVC insulated 1100 volts grade multistranded FRLS copper conductor wires	NOS.	12	To be submitted online only	To be submitted online only

78	S / I / T / C of 5 pin 6A 240 volt switch socket outlet with 2x2.5 sqmm (P+N) PVC insulated 1100 volts grade multistranded FRLS copper conductor wires, in IS marked 25 mm dia medium duty PVC conduit, recessed and/or surface mounted, including the cost of cutting chases in brick work and repairing/making good, including the cost of providing and fixing modular grid plate mounted 5 pin 6 amp 240 volt combined shuttered socket outlet alongwith 6 amp 240 volt control switch housed in a zinc chromate passivated MS box with moulded cover plate and earthing of third pin of socket with 1.5 sq.mm PVC insulated copper conductor wire, complete as per specifications and as required. (Maximum two (2) Outlets to be connected on one circuit)	NOS.	10	To be submitted online only	To be submitted online only
79	S / I / T / C of 6 pin 6/16A 240 volt switch socket outlet with 2x4.0 sqmm (P+N) PVC insulated 1100 volts grade multistranded FRLS copper conductor wires, in IS marked 25 mm dia medium duty PVC conduit, recessed and/or surface mounted, including the cost of cutting chases in brick work and repairing/making good, including the cost of providing and fixing modular grid plate mounted 6 pin 6/16 amp 240 volt combined shuttered socket outlet alongwith 16 amp 240 volt control switch housed in a zinc chromate passivated MS box with moulded cover plate and earthing of third pin of socket with 2.5 sq.mm PVC insulated copper conductor wire, complete as per specifications and as required. (Maximum one (1) Outlets to be connected on one circuit)	NOS.	5	To be submitted online only	To be submitted online only
80	Signage wiring (material & labour) – P&F of 3x4mm & copper flexible wire & PVC conduiting of ISI make complete with all necessary like saddles,bends,modular switches etc	NOS.	1	To be submitted online only	To be submitted online only
81	Wall Fan & exhaust fan point wiring with 1.5mm sq. from D/B to switches & fittings multi strand PVC copper wire including plate switches, sockets, etc. (For payment no. of switches shall be counted).	NOS.	2	To be submitted online only	To be submitted online only
82	S / L of 1000 Mbps CAT-6 Cable for LAN, Access control, TV etc. (AMP make), in IS marked 25 mm dia medium duty PVC conduit, recessed and/or surface mounted, including the cost of cutting chases in brick work and repairing/making the chases good with GI box (zinc chromate passivated)	RM	0	To be submitted online only	To be submitted online only

83	S / L of 2 core telephone cable, in IS marked 25 mm dia medium duty PVC conduit, recessed and/or surface mounted, including the cost of cutting chases in brick work and repairing/making the chases good with GI box (zinc chromate passivated)	RM		To be submitted online only	To be submitted online only
84	S / F of Modular Network Data outlet with face plate, RJ-45 socket and Zinc chromate passivated box complete as required (AMP make)	NOS	0	To be submitted online only	To be submitted online only
85	S / F of RJ-11 Telephone socket outlet with modular plate and Zinc chromate passivated box complete as required (AMP make)	Nos	2	To be submitted online only	To be submitted online only
86	Installation of existing Network Switch/ router inclusive of rack and all accessories complete in all respects	JOB	0	To be submitted online only	To be submitted online only
87	Supplying, Installation, Testing and Commissioning of following three pole and neutral, sheet steel, double door MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper bus-bar, neutral bus-bar, earth bar, din bar, detachable gland plate, inter-connection, phosphatized and powder painted including earthing etc. as required, as per respective SLDs,			To be submitted online only	To be submitted online only
88	Main DB (MDB)	Set	1	To be submitted online only	To be submitted online only
	12 Way TPN DB (Legrand/ L&T/ Hager make)				
	Incomer -				
	One (1) No. 63A 4P MCB (Legrand/ L&T/ Hager make)				
	Three (3) Nos. 63A 2P RCCB (30mA) (Legrand/ L&T/ Hager make)				
	Outgoings -				
	Twenty Four (24) Nos 10/16A SP MCB as required (Legrand/ L&T/ Hager make)				
89	Four (4) Nos 63A SP MCB as required (Legrand/ L&T/ Hager make)	Set	1	To be submitted online only	To be submitted online only
	UPS DB (UDB)				
	8 Way SPN DB (Legrand/ L&T/ Hager make)				
	Incomer -				
	One (1) No. 63A 2P MCB (Legrand/ L&T/ Hager make)				
89	Outgoings -	Set	1	To be submitted online only	To be submitted online only
	Eight (8) Nos 10A SP MCB as required (Legrand/ L&T/ Hager make)				

90	Supplying, Installation, Testing and Commissioning of 63A 4P capacity onload Manual Changeover switch with enclosure (Socomec/ L&T/ make)	Nos	1	To be submitted online only	To be submitted online only
91	Providing and Making earth stations with of 48 mm Cu. Pipe Filled with Crystalline conductive Mixture with Copper Strip with Terminal Size 40 mm x 6 mm and Inner Strip 25 x 3 mm of Length 2 mtr with Ecofriendly Backfill Compound 50 Kg.Makes:- Genus/Ashlok/TruePower or equivalent, inclusive of earth pit chamber (300mmx300mm) with CI cover complete in all respects as directed by the site engineer. for DG (4 nos.), Neutral (1 no.) & Body earthing (1 no.), including testing at locations as called for, as per standard detail	Nos	4	To be submitted online only	To be submitted online only
92	Supply and Fixing of following Copper earthing wires on existing tray/ trench/ ground/ PVC pipe/ walls including all necessary fixing accessories and effecting connections with copper riveting /welding etc. as approved. All copper joints shall be tinned:			To be submitted online only	To be submitted online only
93	4 SWG bare Cu Wire	Rm	20	To be submitted online only	To be submitted online only
94	Installation of existing 5KVA UPS complete in all respects	Nos	2	To be submitted online only	To be submitted online only
95	Supply, laying , testing, commissioning & termination of 1100 V grade XLPE insulated aluminium conductor armoured cables including the cost of providing required gap between adjacent cables (minimum one cable dia) and including the cost of providing identification tags, all crimping lugs and compression glands, cable sockets insulation tape sealing compound etc. complete as per specification, as required			To be submitted online only	To be submitted online only
96	50 Sqmm, 3.5C Al	Rm	20	To be submitted online only	To be submitted online only
97	16 Sqmm, 4C Al	Rm	0	To be submitted online only	To be submitted online only

98	Gypsum board Ceiling - 12.5mm th. single layer gypsum board fixed on suspended G.I. tubular channels as per manufacturers' specifications, including jointing, finishing with gypsum compound, jointing tape and top coat. The surface shall be duly sanded and finished. Rate shall include vertical faces of ceilings including pelmet and shall include cost of marking as/ reflected ceiling plan and making all the necessary cutouts for lights, grills, diffusers etc. The rate shall also include providing perimeter channel for grills, lights, diffusers as called for in HVAC and Electrical Drawings. The rate shall also include providing for edge/ angle bits at all corners, necessary taping, filling with jointing compound as per manufacturers specifications. The rate shall be exclusive of trap door which shall be paid for separately.	SQFT	50	To be submitted online only	To be submitted online only
99	Lay - in - Grid Modular False Ceiling made of mineral fibre boards of average size of 600mm x 600mm x 16mm with Aluminium powder coated framework of 24 mm wide tegular grid . (Make Armstrong/USG/ Saint Gobain). Type - Fine fissured) complete in all respects	SQFT	150	To be submitted online only	To be submitted online only
100	Officer Table/Staff Table (1200X750X750 mmht) providing in position officer table made out of 90mm thick IS303 BWR grade plywood for top sides shutter approx 12mm thick IS303 BWR grade thick plywood four drawer side and 6 mm IS303 BWR grade thick plywood four drawer bottom with necessary lock, drawer channel externally finished with 1.0 mm thick approved laminate and internal surface finished in french polish etc. including making arrangement for keyboard, CPU etc. with tabletop glass with machined polished be vetted edges complete as per direction with side table.	Nos	2	To be submitted online only	To be submitted online only
101	Providing and fixing of various types of signage such as backlight signage for front complete in all respects	SQFT	80	To be submitted online only	To be submitted online only
102	Providing and fixing in position low half partition out of heavy duty aluminium box sectors 50mmX50mm @60mm horizontally and vertically with 6mm thick IS303 BWR grade thick plywood on both sides upto effect height and the upper portion of 1.5 ft height shall have 8mm thick glass with etc.	SQFT	20	To be submitted online only	To be submitted online only
103	Supplying two midback chair Godrej/Wipro/Durian	Nos	2	To be submitted online only	To be submitted online only
104	Supplying visitor chairs Godrej/Wipro/Durian	Nos	4	To be submitted online only	To be submitted online only



TITLE	DOOR/WIN SCHEDULE
PROJECT	DIGJUT LEH


DWG. NO	DATE	PRINTS	REVISIONS
			REVISION 1
			13/09/2020
			Anjil

Date-	18/09/2020
Scale-	s.t.f.
Drawn-	anjil
Checked-	sajid

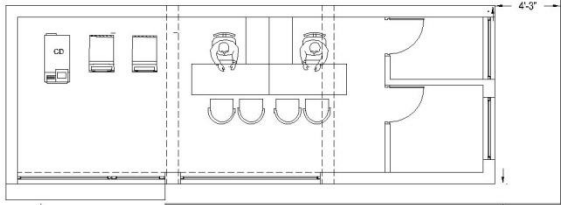
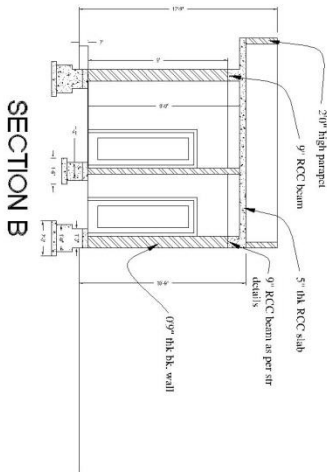
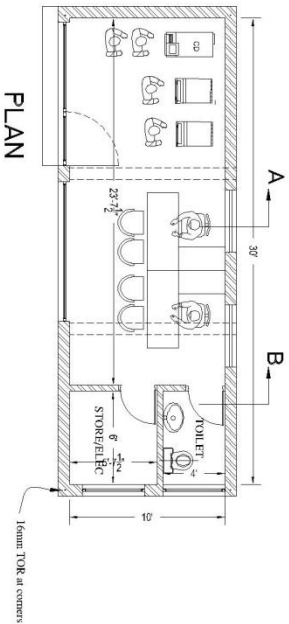
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TITLE	DWG.NO	DATE	PRINTS	REVISIONS	Date-
				REVISION 1	13/09/2020
				Amjld	18/09/2020
FOUNDATION PLAN				Scale-	s.t.f.
				Deat-	amjld
PROJECT	DIGJUT LEH				
DESIGNED BY AN AUTODESK EDUCATIONAL PRODUCT					
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