



**BANKERS INSTITUTE OF RURAL DEVELOPMENT,
SECTOR-H, LDA COLONY, KANPUR ROAD, LUCKNOW-226012.**

**NOTICE INVITING TENDERS (NIT) FOR
CIVIL & STRUCTURAL WORKS RELATED TO INSTALLATION OF LIFTS AT
BIRD CAMPUS, LUCKNOW.**

**ARCHITECT & CONSULTANTS
M/S SANDEEP GOVALKAR DESIGN ASSOCIATES**

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NAME OF THE BIDDER: _____

ADDRESS: _____

**THE DIRECTOR,
BANKERS INSTITUTE OF RURAL DEVELOPMENT
SECTOR-H, LDA COLONY, KANPUR ROAD, LUCKNOW-226012.**

This tender consists of 83 pages.



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Important Dates and Time

| Sl. No. | Particulars of Activity | Date and Time |
|----------------|---|---|
| 1 | Issue of Tender and Commencement of Downloading Tender Document | 02 nd December 2021 |
| 2 | Date, Time and Place of Pre-Bid Meeting | 15 th December 2021 at 14:30 Hrs. |
| 3 | Last Date and Time for Submission of Tender | 23 rd December 2021 up to 15:00 Hrs. |
| 4 | Date and Time of Opening of Technical Bids | 23 rd December 2021 at 15:30 Hrs. |
| 5 | Date and Time of Price Bids/Commercial Bids | Will be intimated to the eligible bidders |

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NOTICE INVITING TENDER

Ref No. BIRD/19 / DPSP/Lift / 2021-22

Dated: 02nd December 2021

M/s

(Only for empanelled vendor)

Dear Sir/s,

Tender for civil & structural works related to installation of lifts at BIRD campus, Lucknow.

Bankers Institute of Rural Development, Lucknow invites sealed tenders under Two-Bid system for Civil and Structural Works for Lifts.

Tender document can be downloaded free of cost from BIRD's **website: www.birdlucknow.nabard.org**. Only those sealed tenders will be accepted which either would be deposited in the box kept in the office of BIRD, Lucknow for the said purpose or may be sent to this office by registered post/speed post and received before due date & time. The tender deposited /received in any other mode like fax, e-mail, courier etc. will not be accepted. BIRD, Lucknow will not be responsible for any postal delay. Bidders are advised to forward the document well in time.

The technical bid, price bid & integrity pact will be kept in three separate sealed covers and all three covers will be kept in a bigger cover/envelope duly sealed. The small covers should be super-scribed with (a) Technical bid (b) Price bid (c) Integrity pact. Tenderer can put Envelopes 1, 2 and 3 in a 4th big size envelope. The bigger cover/envelope should be super-scribed with "Tender for Civil & Structural Works for Lifts at BIRD, Lucknow" and must be addressed to Director, BIRD, Lucknow.

The Pre-Bid meeting will be held on 15th December 2021 at 14:30 hours in the Bankers Institute of Rural Development, Sector – H, LDA Colony, Kanpur Road, LUCKNOW - 226012. The clarifications being sought in the pre-bid meeting should be submitted in writing at least 5 working days prior to the date of pre-bid meeting by email on dpsp.bird@nabard.org. All the clarifications of the pre-bid meeting will be part of tender and will be uploaded on BIRD website (www.birdlucknow.nabard.org).

Last date for submission/receipt of tender(s) is 23rd December 2021 till 1500 Hrs. and will be opened by the Tender / Local Purchase Committee in the presence of Bidders or their authorized representatives who wish to be present on the same day at 15:30 Hrs. in the Office of BIRD. In case, any holiday on the day of opening, the tenders will be opened on the next working day at the same time but the tender box will be sealed on same day and time, as scheduled above. The tenders received after the above said scheduled date and time will not be considered.

Sd/-
Amit Kumar Lal
Deputy General Manager (Admn.)

निविदा सूचना

संदर्भ सं बर्ड.लख/19/डीपीएसपी-लिफ्ट/2021-22
02 दिसम्बर 2021

महोदय,

बर्ड लखनऊ में लिफ्टों की स्थापना से संबंधित सिविल एवं संरचनात्मक कार्यों के लिए निविदा।

बैंकर ग्रामीण विकास संस्थान, लखनऊ लिफ्टों की स्थापना हेतु सिविल और संरचनात्मक कार्यों के लिए दो-बोली प्रणाली के तहत मुहरबंद निविदाएं आमंत्रित करता है।

निविदा दस्तावेज बर्ड की वेबसाइट www.birdlucknow.nabard.org से निःशुल्क डाउनलोड किए जा सकते हैं। केवल वही सीलबंद निविदाएं स्वीकार की जाएंगी जो या तो उक्त प्रयोजन के लिए बर्ड, लखनऊ के कार्यालय में रखे गए बॉक्स में जमा की जाएंगी या इस कार्यालय को पंजीकृत डाक/स्पीड पोस्ट द्वारा भेजी जा सकती हैं और नियत तारीख और समय से पहले प्राप्त की जायेगी। फैंक्स, ई-मेल, कुरियर आदि किसी अन्य माध्यम से जमा की गई निविदा स्वीकार नहीं की जाएगी। डाक में किसी प्रकार की देरी के लिए बर्ड, लखनऊ जिम्मेदार नहीं होगा। बोलीदाताओं को सलाह दी जाती है कि वे समय पर दस्तावेज अग्रेषित करें।

तकनीकी बोली, मूल्य बोली और सत्यनिष्ठा संधि को तीन अलग-अलग सीलबंद लिफाफों में रखा जाएगा और तीनों लिफाफों को विधिवत एक सीलबंद बड़े लिफाफे/लिफाफे में रखा जाएगा। छोटे लिफाफों के ऊपर (ए) तकनीकी बोली (बी) मूल्य बोली (सी) सत्यनिष्ठा समझौता लिखा होना चाहिए। बड़े कवर/लिफाफे के ऊपर "बर्ड, लखनऊ में लिफ्टों के लिए सिविल और संरचनात्मक कार्यों के लिए निविदा" लिखा होना चाहिए और निदेशक, बर्ड, लखनऊ को संबोधित किया जाना चाहिए।

बोली पूर्व बैठक 15 दिसम्बर 2021 को 14:30 बजे बैंकर ग्रामीण विकास संस्थान, सेक्टर – एच, एलडीए कॉलोनी, कानपुर रोड, लखनऊ – 226012 में आयोजित की जाएगी। पूर्व –बोली बैठक में मागे जाने वाले स्पष्टीकरण dpsp.bird@nabard.org पर ईमेल द्वारा बोली-पूर्व बैठक की तारीख से कम से कम 5 कार्य दिवस पहले लिखित रूप में प्रस्तुत किये जाने चाहिए। बोली-पूर्व बैठक के सभी स्पष्टीकरण निविदा का हिस्सा होंगे और बर्ड वेबसाइट (www.birdlucknow.nabard.org) पर अपलोड किए जाएंगे।

निविदा (निविदाओं) को जमा करने / प्राप्त करने की अंतिम तिथि 23 दिसम्बर 2021 को 15:00 बजे तक है। और निविदा/स्थानीय खरीद समिति द्वारा बोलीदाताओं या उनके अधिकृत प्रतिनिधियों की उपस्थिति में खोला जाएगा जो उसी दिन 15:30 बजे उपस्थित होना चाहते हैं। यदि खोलने के दिन कोई अवकाश होता है, तो निविदाएं अगले कार्य दिवस को उसी समय खोली जाएंगी, लेकिन निविदा बॉक्स उसी दिन और समय पर सील कर दिया जाएगा, जैसा कि ऊपर निर्धारित किया गया है। उक्त निर्धारित तिथि एवं समय के बाद प्राप्त होने वाली निविदाओं पर विचार नहीं किया जायेगा।

भवदीय

ह/-
(अमित कुमार लाल)
उपमहाप्रबन्धक (प्रशासन)

SCHEDULE OF EVENTS

| | | |
|--|---|--|
| Bid Document Availability | Bidding document can be downloaded from | |
| | website: | www.birdlucknow.nabard.org |
| | From | 02.12.2021 |
| | To : | 23.12.2021 |
| Tender Fees | NIL | |
| Earnest Money Deposit (EMD) | Rs. 70,000/- Only | |
| Pre-Bid meeting | 15.12.2021 at 14:30 Hrs. | |
| Last date of submission of Tender | 23.12.2021 at 15:00 Hrs. | |
| Opening of Tender (Technical Bid) | Authorized representatives of vendors may be present during opening of the Tender. However Tender would be opened even in the absence of any or all of the vendors' representatives. | |
| Contact Details : | | |
| Address for Communication And submission of bid. | Bankers Institute of Rural Development, Sector-H, LDA Colony, Kanpur Road, Lucknow-226012 | |
| Telephone | Landline | 0522-2421047 |
| | | |

PART – 1
(TECHNICAL BID)

Form of Tender

To,
The Director,
Bankers Institute of rural Development,
Lucknow.

Dear Sir,

Tender for civil & structural works related to installation of lifts at BIRD campus, Lucknow.

I / We the undersigned have carefully gone through and clearly understood, after visiting the site, the tender drawings and tender documents comprising of the tender form, Notice of Tender, General Terms and Conditions of Tender, Special Conditions, Specifications and Schedule of Quantities prepared by your Architects M/s. Sandeep Govalkar Design Associates (A3/301-302, Shivchhaya, Gilbert Hill Road, Andheri West, Mumbai –400058).

2. I/We hereby offer to execute the works specified in the said Memorandum within the time specified, at the rates mentioned in the Financial/ Price Bid and in accordance in all respects of the tender and with such materials as are provided for, by and in all other respects in accordance with such conditions so far as they may be applicable.

3. I / we do here by undertake to execute and complete the whole or part of the work (as desired by you) at the respective rates quoted.

4. In the event of this Tender being accepted I / we agree to enter into an agreement as and when required and executed the contract according to your form of Agreement, in default whereof, I / we do hereby bind my-self / ourselves to forfeit the aforesaid deposit.

5. I / we further agree to complete the work included in the said schedule of quantities within **04 months** from the date of commencement. Date of commencement shall be one-week from the date of the acceptance letter is issued to the contractor.

6. I / we agree to employ only those sub-contractors; approved by Architects / Employer. I/we agree to provide the list of all the sub-contractors in the beginning or at least one week prior to commencement of the work by the said sub-contractor. In case of non-compliance, I/ we authorize architect/ Institute to stop the work at site.

| Memorandum | |
|--------------------------------|---|
| a) Description of work | Tender for civil & structural works related to installation of lifts at BIRD campus, Lucknow. |
| b) Earnest Money Deposit (EMD) | Deposit of Rs. 70000/- EMD by way of a bank Guarantee (BG) or NEFT/RTGS from any Nationalised bank/ Scheduled Bank as per format Enclosed alongwith this tender drawn in favour of Bankers Institute of Rural Development payable at Lucknow or directly credited to BIRD's Current Account Number-921020044058630 maintained with Axis Bank, MG Marg, Lucknow-226001 (IFSC Code- UTIB0000053). Tender without EMD shall be rejected. |

| | |
|----------------------------------|--|
| c) Time for completion | Date of commencement shall be one-week from the date of issue of work order to the contractor. The work should be completed within 4 months from the date of commencement. |
| d) Retention Money Deposit (RMD) | 5% from every Running Account (R.A.) Bill. |

7. We understand that the time for completion shown above shall be reckoned from the date of commencement of the work.

8. Should this tender be accepted, I/We hereby agree to abide by and fulfil the terms and provisions or the said Conditions of the tender annexed hereto so far as they may be applicable or in default thereof to forfeit the EMD and pay to the Bankers Institute of Rural Development, Sector-H, LDA Colony, Kanpur Road Lucknow, the amount mentioned in the said tender conditions.

The names of partners of our firm are:

(i)

(ii)

Name of the partner of the firm Authorized to sign

Yours faithfully

Date:

Signature

Place:

ARTICLES OF AGREEMENT

THIS AGREEMENT is made on the _____ day _____ (Month) _____ (Year) Between Bankers Institute of rural Development (BIRD) through the Director, BIRD, Lucknow (hereinafter called "The Employer" and having its Registered office at Sector-H, LDA Colony, Lucknow of the one part AND _____ (Name and address of the Bidder) through Shri _____, authorized representative (hereinafter called "the Bidder" having its registered office at _____ of the other part.

WHEREAS the Employer is desirous of getting executed "**Tender for civil & structural works related to installation of lifts at BIRD campus, Lucknow.**" and has caused financial/price Bid showing and describing the work to be done to be prepared by or under the direction of the Employer.

AND WHEREAS the said technical specifications and the financial/price Bid have been signed by or on behalf of the parties hereto.

AND WHEREAS the Bidder has agreed to execute upon and subject to the conditions set forth in the Price Bid and Conditions of Contract (all of which are collectively hereinafter referred to as "the said Conditions") the work shown upon the said technical specifications, and included in the Price Bid at the respective rates therein set forth amounting the sum as therein arrived or such other sum as shall become payable there under (hereinafter referred to as "the said contract amount").

NOW IT IS HEREBY AGREED AS FOLLOWS:

1. In consideration hereinafter mentioned, the Bidder will upon and subject to the conditions annexed, carry out and complete the works shown in the contract, described by or referred to in the Schedule of Quantities and in the said conditions.
2. The Employer shall pay the Bidder the said contract amount or such sum as shall become payable at the times and in the manner specified in the said conditions.
3. The said Conditions and Appendix thereto and the documents attached hereto shall be read and construed as forming part of this Agreement and the parties hereto shall be respectively abide by, submit themselves to the said Conditions and the correspondence and perform the agreements on their part respectively in the said conditions and the documents contained herein.
4. This Agreement and documents mentioned herein shall form the basis of this contract.
5. This contract is an item rate contract for the complete work to be paid for according to necessary installation carried out at site.
6. In case, any dispute or issue arises regarding the interpretation of any of the clauses of this agreement or of any of the documents prepared or to be prepared in this regard, the contents of the Tender Documents shall prevail over this agreement and /or any other document.
7. The Bidder shall afford every reasonable facility for carrying out of all works undertaken by him and shall make good any damage done to walls, floors, etc. after the completion of such works.

8. The Employer reserves to itself the right of altering the nature of work by adding to or omitting any items of works or having portions of the same carried out without prejudice to this contract.

9. Time shall be considered as the essence of this contract, and the Bidder hereby agrees to complete the entire work within the time period prescribed in the tender reckoned from the date of commencement of the work subject nevertheless to the provision for extension of time.

10. All payments by the Employer under this contract will be made only at Lucknow, Uttar Pradesh.

11. All disputes arising out of or in any way connected with this agreement shall be deemed to have arisen at Lucknow and only Courts in Lucknow shall have the jurisdiction to determine the same to the exclusion of all other courts.

12. That the several parts of this contract have been read by the Bidder and fully understood by the Bidder.

IN WITNESS WHEREOF the Employer has set its hands to these presents through its duly authorized officials and the Bidder has caused its common seal to be affixed hereunto and the said two duplicates/ has caused these presents and the said two duplicates here of to be executed on its behalf, the day and year first herein above written.

| | |
|---|--|
| (Signature of the Bidder) Name and Address of the Bidder. Telephone No. | Signature of Authorized Signatory of Bankers Institute of Rural Development, Lucknow |
| (Signature of Witness 1) Name of Witness | (Signature of Witness 1) Name of Witness |
| Address of Witness | Address of Witness |
| (Signature of Witness 2) Name of Witness | (Signature of Witness 2) Name of Witness |
| Address of Witness | Address of Witness |

INDEMNITY BOND

(Rs. 100/- non judicial stamp paper)

Know all men by these presents that I, Shri.....of M/sdo hereby execute Indemnity Bond in favour of Bankers Institute of Rural Development (BIRD), Lucknow, having their Registered Office at Sector-H, LDA Colony, Kanpur Road, Lucknow, 226012, and M/s having their registered office at..... on this day of

WHEREAS BIRD has appointed M/s as the Contractor for their proposed work relating to “Civil and structural works related to installation of lifts at BIRD campus, Sector-H, LDA Colony, Kanpur Road, Lucknow, 226012”.

THIS DEED WITNESSETH AS FOLLOWS:

I/We, on behalf of M/s hereby do indemnify to keep BIRD and its Employees harmless against and from

1. any third party claims, civil or criminal complaints, liabilities, site mishaps and other accidents or disputes and/or damages occurring or arising out of any mishaps at the site due to faulty work, for our negligence, faulty construction and/or for violating any law, rules and regulations in force, for the time being while executing/executed works by e/us,
2. any damages, loss or expenses due to or resulting from negligence or breach of duty on the part of me/us or any of our sub-contractor/s if any, servants or agents.
3. any claim by an employee of mine/ours or of sub-contractor/s, if any, under the Workmen Compensation Act, 1923 and Employers Liability Act, 1938 or any other law, rules and regulations in force for the time being and any Acts replacing and/or amend the same or any of the same as may be in force at the time and under any law in respect of injuries to persons or property arising out of and in the course of the execution of the contract work and/or arising out of and in the course of employment of any workmen/employee.
4. any act or omission of mine/ours of sub-contractor/s if any, our/their servants or agents which may involve any loss, damage, liability, civil or criminal action.

IN WITNESS WHEREOF M/s has set their hands on thisday of

SIGNED AND DELIVERED BY THE AFORESAID M/s through their authorized representative (Shri).

Signature

IN THE PRESENCE OF WITNESSES:

1. Name & Signature:
2. Name & Signature:

PRE-QUALIFICATION CRITERIA & SUPPORTING DOCUMENTS

1. The proposed work is “**Civil & Structural works related to installation of lifts at BIRD campus, Lucknow.**” The estimated cost of work is Rs.31.60 lakh. As such the pre-qualification criteria for the bidders are given below:

i) Should have carried out minimum 1 similar work similar work means civil works involving new R.C.C Construction during last 07 years (ending 31.03.2021) with work order value not less than Rs.25.28 lakh.

Or

ii) Should have carried out minimum 2 similar works during last 07 years (ending 31.03.2021) with work order value (individually) not less than Rs.15.80 lakh each.

Or

iii) Should have carried out minimum 3 similar works during last 07 years (ending 31.03.2021) with work order value (individually) not less than Rs.12.64 lakh each.

2. The contractors who have minimum 07 years of experience (ending 31.03.2021) in undertaking similar works and who fulfil the following criteria are eligible to tender.

3. The Bidders should have average Annual Turnover of Rs. 9.48 Lakhs during the last five years ending 31 March 2021 supported with copies of audited balance sheets or a registered Chartered Accountant certified statement of accounts.

4. The Bidders should have applicable Tax registrations (GST, PAN).

5. Bidders should have a current / savings Bank account with a scheduled commercial Bank. (Attach Copy of Cancelled Cheque and banks details)

6. BIRD reserves the right to verify any or all the documents furnished by the Bidders with any authorities. BIRD also reserves the right to cancel any or all the applications without assigning any reason thereof.

7. Intending applicants are required to furnish details about their firm/organization, experience, competence etc. as per the pro-forma. Failing which may lead to cancellation of application of Bidder.

8. While deciding upon the selection of Bidders, emphasis will be given on the ability and competence to do good quality work in accordance with the specifications and within the time schedule.

9. The application form should be signed by a person on behalf of the Firm/Organization, who is duly authorized to do so.

10. If the space in the application form is insufficient for furnishing full details, such information may be supplemented on a separate sheet of paper duly signed.

11. Applications containing false or inadequate information are liable for rejection and Institute reserves the right to blacklist those agencies. Any agency blacklisted /debarred by BIRD or BIRD will be ineligible to participate in the tendering process.

| Pre-Qualification Related Information | | |
|--|--|--|
| Sr. No. | Criteria | Supporting documents to be submitted |
| 1. | <p>The contractors who have minimum 07 years of experience (ending 31.03.2021) in undertaking similar works and who fulfil the following criteria are eligible to tender: Minimum 07 years' experience in the field of Civil/Structural and Electrical works. Should have carried out minimum 1 similar work during last 07 years (ending 31.03.2021) with work order value not less than Rs. 25.28 lakh</p> <p style="text-align: center;">OR</p> <p>Should have carried out minimum 2 similar works during last 07 years (ending 31.03.2021) with work order value (individually) not less than Rs. 15.80 lakh each.</p> <p style="text-align: center;">OR</p> <p>Should have carried out minimum 3 similar works during last 07 years (ending 31.03.2021) with work order value (individually) not less than Rs. 12.64 lakh each.</p> | Work orders and completion certificates in support of experience to be enclosed. |
| 2. | Should have minimum average Annual Turnover of Rs. 9.48 Lakhs during the last five years ending 31 March 2021. | Copies of audited balance sheets or a registered Chartered Accountant certified statement of accounts. |
| 3. | Name & registered address of Contractors | |
| 4. | GST Registration No. | |
| 5. | PAN No. | |
| 6. | Details for Electronic Payment | As per enclosed format |

PROFORMA FOR ELECTRONIC PAYMENT

- 1) Name and address of Contractor with phone no.

- 2) Name of the account holder (As appearing in the Bank account)

- 3) Name of the Bank
- 4) Name of the Branch
- 5) Account Number
- 6) RTGS/NEFT/IFS Code
- 7) Type of Account (savings, current etc.)
- 8) PAN Number
- 9) GSTIN

Signature

Enclosure:

- 1) Once cancelled cheque leaf
- 2) Copy of PAN Card
- 3) Copy of GSTIN

BASIC INFORMATION

| Sr. No. | Particulars | Information |
|----------------|---|--------------------|
| 1. | Name of the Bidder | |
| 2. | Type of the Organization – Proprietorship, Partnership etc. (Please enclose related documents) | |
| 3. | Name of the Proprietor/ Partners/ Directors in the organisation | |
| 4. | Details of Registration (Firm, Company etc.) (Registering Authority, Date, Number etc.) | |
| 5. | Experience in the respective field of work (Please enclose supporting documents) | |
| 6. | Registered office address and telephone no. | |
| 7. | Indicate if involved in any litigation, arbitration or any civil suit pending in any of the works executed during last 5 years/ being executed. If yes, please furnish the name of the project & employer, nature of work, contract value, work order and date & brief details of litigation. Attach a separate sheet, if required | |
| 8. | Kindly mention if your firm/ agency/ company is blacklisted/ debarred by BIRD along with relevant details | |

(Signature of the Bidder with seal)

PREVIOUS EXPERIENCE

(Please use Separate Sheets for Different Contracts)

| | |
|--|--|
| Name of the Work & location | |
| Nature of work involved in the contract | |
| Name & address of the owner | |
| The full name, designation, address of the officer under whom the work was carried out | |
| Contract Amount (In Rs. Lakh) | |
| Completion period (stipulated) | |
| Completion period (actual) | |
| Any other relevant information including reason, if any, for delay in completion of work | |

(Signature of the Bidder with Seal)

LIST OF TECHNICAL PERSONNEL

| Name | Age | Qualification | Experience | Nature of Work handled | Date from Which employed in your Organization |
|------|-----|---------------|------------|------------------------|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

(Signature of the Bidder with Seal)

GENERAL INSTRUCTIONS TO BIDDERS

1. PROCEDURE FOR FILLING AND SUBMISSION OF TENDER:

- i) The Bidders should quote their rates in figures and words where the quantities have been indicated in the relevant items of the schedule of quantities, failures to do so may invalidate the tender. Erasing or over writing shall not be allowed. Corrections in the tender should be avoided if this becomes unavoidable, the entire rate (and not a portion only) shall be scored out and signed (not simply initialed) by the Bidder as token of such cancellation. A fresh rate in specified manner shall then be correctly written.
- ii) In the event of the tender being submitted by a firm, it must be signed by a member or members of the firm having legal authority to do so, and if called for, the legal documents in support thereof must be produced for inspection and the same in the case of the firm carried out by one member of a joint family.
- iii) All corrections are to be initialled.
- iv) The Bidder is to quote this rate in ink/type both in words and figures in English. The tender shall be clearly and legibly written and whole writing must be by the hand of the person signing the tender and with the same pen and ink/type.
- v) The employer reserves to itself the right to accept the lowest or split up and distribute any items of work to any specialist firm or firms without assigning any reason. The employer reserves the right to split up and distribute the work to more than one Bidder, if necessary. Signature/initial with company seal on each page will be deemed to be the acceptance of the contents of this tender paper by the Bidder
- vi) Bidder shall note that their tenders shall remain open for acceptance for a minimum period of three months from the date of opening the financial bid. The tender must be unconditional. Conditional tenders may be summarily rejected.

2. RATES TO INCLUDE:

While quoting their rates the Bidder should include the following also if otherwise not stated herein before.

- i) Necessary cost of taking samples of materials supplied by them for construction testing of the same at Govt.'s / approved laboratory including transportation, cost of the samples, as and when required.
- ii) Submission of test reports of other materials as may be specified by Architects or Institute.
- iii) Rates should include all prevailing Taxes including GST as per Act, etc. and should be firm for the entire Contract period. No escalation of rates will be allowed for the entire contract period on any account.
- iv) Electricity and water will be provided by BIRD free of cost.

3. WORKING HOURS:

The Contractor may execute the work in days, nights & on holidays. No extra payments will be made to the contractor on account of carrying out the works during holidays and at odd hours.

4. STORAGE OF MATERIALS:

On-site storage space may be provided by BIRD to the Contractor subject to availability. However, the Contractor may erect temporary sheds for storage purposes at his cost with the permission of BIRD. BIRD shall not be responsible for Contractor's materials. The Contractor shall be required to vacate the storage space and sheds as per exigency without any extra cost to BIRD.

5. LABOUR HUTMENT:

Shelter or stay for the labourers has to be arranged by the contractor outside office premises.

6. IDLE LABOUR & EXTENSION OF TIME:

In case the work is held up for any site conditions not attributable to the contractors or for any decisions instructions / want of details from Employer / Architects or for any of the conditions as per General conditions of contract, the contractor shall be allowed reasonable extension of time by the employer but any additional/ extra claim for payment to idle labour /tools /establishment /plant etc during this period shall not be the liability of the employer. Contractor's quoted rates should include for all such contingencies.

7. The Contractor or his authorized representative should visit the site frequently as required by BIRD for any clarifications and to receive instructions, take measurements, etc. at the site. The work should not suffer due to lack of supervision, manpower and materials.

8. The Contractor is required to co-ordinate his works along with other agencies working at site. He has to reimburse for any of the damage made by him or any of his representatives to any other agency or the owner at site.

9. Nothing extra will be paid for making any cut-out / opening for electrical wiring /fitting in any of false ceiling, partition, Panelling, masonry work etc. Contractor's quoted rates should include for all such works.

10. The contractor is required to fabricate a sample where required, or any item so installed for approval. Any changes made by the Architect's/Employers, in the sample to the specifications as mentioned in the tender, shall not be deducted or paid extra.

11. All measurements shall be as per relevant I.S.I. standards and Materials used should conform to relevant Codes.

12. Except where provided for in the description of the individual items in the schedule of quantities and in the specifications and conditions laid down hereinafter and in the drawings, the work shall be carried out as per standard specifications and under the direction of BIRD/ Architect.

GENERAL CONDITIONS OF CONTRACT

1. INTERPRETATION:

In constructing 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 or context otherwise requires.

Employer: The term Employer shall denote Bankers Institute of Rural Development and any of its employee's representative authorized on their behalf.

Architect/Consultant: The term Architects shall mean M/s Sandeep Govalkar Design Associates, (A3/301-302, Shivchhaya, Gilbert Hill Road, Andheri West, Mumbai –400058) or in the event of his/their ceasing to be the Architects for the purpose of this contract such other persons as the employer shall nominate for the purpose.

Contractor: The term 'Contractor' shall mean _____

(Name and address of the contractor) and his / their heirs, legal representatives, assigns & successors.

Site: The site shall mean the site where the works are to be executed.

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.

All drawings relating to work given to the contractor together with a copy of schedule of quantities are to be kept at site and the contractor will make them available to the employer / architect whenever necessary.

In case any detailed Working Drawings are necessary contractor shall prepare such detailed drawings and / or dimensional sketches therefore and have it confirmed by the Employer / Architects as case may be prior to taking up such work.

The contractor shall ask in writing for all clarifications on matters occurring anywhere in drawings, specifications and schedule of quantities or to additional instructions at least 10 days ahead from the time when it is required for implementation so that the Employer may be able to give decision thereon.

The Works: Shall mean the Tender for Civil & Structural Works for Lifts Bankers Institute of Rural Development, Lucknow to be executed or done under this contract.

The Schedule of Quantities: Shall mean the schedule of quantities as specified and forming part of this contract.

Priced Schedule of Quantities: Shall mean the schedule of quantities duly priced with the accepted quoted rates of the contractor.

Contract: Shall mean the Articles of Agreement, the general conditions special conditions, the appendix, the schedule of quantities, specifications and drawings attached here to and duly signed.

Contract Price: Shall mean the sum named in the Tender subject to such additions thereto or deductions there from as may be made under the provisions hereafter contained.

Notice in Writing or written notice: Shall mean a notice in writing, type or printed characters sent (unless delivered personally or otherwise provided to have been received) by registered post to the last known private or business address or registered office of the addressee and shall be deemed to have been received when in the ordinary course of post, it would have been delivered.

Date of commencement: Shall be either one-week, from the date of issue of work order to the contractor or day on which the contractor will take possession of site whichever is earlier.

2. SCOPE OF WORK:

The Contractor shall carry out and complete the said work in every respect in accordance with this Contract and with the directions of and to the satisfaction of the Architect and Employer. The Architect with approval of BIRD issue further drawings and / or written instructions, detailed directions and explanations which hereafter collectively referred to as 'Architect's Instructions'. In regard to:

- i) The variation or modification of the design quality or quantity of works or the addition or omission or substitution of any work.
- ii) Any discrepancy in the drawings or between the schedule of quantities and / or drawings and / or specification.
- iii) The removal from the site of any defective material brought thereon by the contractor and the substitution of any other material thereof.
- iv) The demolition removal and / or re-execution of any work executed by the contractor/s.
- v) The dismissal from the work of any persons employed there upon.
- vi) The opening up for inspection of any work covered up.
- vii) The rectification and making good of any defects under clauses hereinafter mentioned and those arising during the maintenance period (Defect Liability Period).

The contractor shall forthwith comply with and duly execute any work comprised in such Employer's or his agent/Architect's instructions, provided always that verbal instructions, directions and explanations given to the contractor's or his representative upon the works by the Employer's or his agent/Architects 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 agent/Architects. The employer in consultation with the Architects as provided in clause "variation" shall fix rates of items not mentioned in the priced schedule of quantities.

Regarding all factory made products for which ISI marked products are available, only products bearing ISI marking shall be used in the work.

3. BIDDERS SHALL VISIT THE SITE:

Intending Bidder shall visit the site and make himself thoroughly acquainted with the local site condition, nature and requirements of the works, facilities of transport conditions, effective labour and materials, access and storage for materials and removal of rubbish. The Bidder shall include the cost of these items in the quoted rates like 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 the drawings. The successful Bidder will not be entitled to any claim of compensation for difficulties faced or losses incurred on account of any site condition which existed before the commencement of the work or which in the opinion of the employer or his agent / Architect might be deemed to have reasonably been inferred to be so existing before commencement of work.

4. TENDERS:

The entire set of tender paper issued to the Bidder should be submitted and also signed on the last page together with initials on every page. Initial / signature will indicate the acceptance of the tender papers by the Bidder.

(Also see GENERAL INSTRUCTIONS for the guidance of Bidders)

The schedule of quantities shall be filled in as follows:

- a) The “Rate” column to be legibly filled in ink in both English figures and English words.
- b) Amount column to be filled in for each item and the amount for each sub head as detailed in the “Schedule/ Bill of Quantities”.
- c) All corrections are to be initialled.
- d) In case of any errors / omissions in the quoted rates, the rates given in the tender marked “original’ shall be taken as correct rates.

The Bidders should note that the tender is strictly on the 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/Architects detailed analysis of any or all the rates shall be submitted. The Employer/Architects shall not be bound to recognize the contractor’s analysis. All corrections are to be initialled.

The works will be paid for as “measured work” on the basis of actual work done and not as “lumpsum” contract, unless otherwise specified.

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 lumpsum charges in the tender in respect of any items of work will be made for the actual work done on the basis of lumpsum charges as will be assessed to be payable by the Employer/Architects.

The employer has power to add to, omit from any work as shown in drawings or described in specifications or include in schedule of quantities and intimate the same in writing but no addition, omission or variation shall be made by the contractor without authorization 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 three months from the date of opening of the tender.

5. AGREEMENT

The successful contractor will be required to sign agreement in accordance with the draft agreement from enclosed and the schedule conditions. The contractor shall pay for all stamps

and legal expenses, incidental thereto. However, the written acceptance by the employer of a tender will constitute a binding contract between the employer and the person so tendering whether such formal agreement is or is not subsequently executed.

6. AUTHORITIES, NOTICES, PATENT RIGHTS & ROYALTIES:

The Contractor shall confirm to the provisions of the statutes relating to the works, and so to the regulation and bylaws of a local authority, and of any water, lighting and other companies on authorities with whose systems the structures are proposed to be connected and shall before making any variation from the drawings or specifications, that may be necessitated by so conforming given to the Architect's written notice, specifying the variations proposed to be made and the reason for making it apply for instruction thereon. In case, the Contractor shall not within the 10 days receive such instruction, he shall proceed with the work conforming to the provisions, regulations or bylaws in questions.

The Contractor shall bring to the attention of the Architect all notices required by the said acts, regulations or bylaws to be given to any Authority, and pay to such authority or to any Public Officer all fees that may be properly chargeable in respect of the works, and lodge the receipts with the Architect /Employer.

The Contractor shall identify the Employer against all claims in respect of patent rights, designs, trademarks or name or the protected rights in respect of any constructional plant, machine, work or material used for or in connection with the works or temporary works and from and against all claims, demands, proceedings, damages, costs, charges, and expenses whatsoever in respect thereof or in relation thereto. The Contractor shall defend all actions arising from such claims, unless he has informed the Architects, before any such infringement and received their permission to proceed and shall himself pay all royalties, license fees, damages, coat and charges of all and every sort that may be legally incurred in respect thereof.

7. TAXES & DUTIES:

The Bidders must include in their tender prices quoted for all duties royalties, other taxes or local charges if applicable including GST. No extra claim on this account will in any case be entertained.

8. NOTICES & STATUTORY REGULATIONS:

The contractor shall give all notices and pay all fees and shall comply all Acts and Regulations for the successful completion of the contract works. The whole of the work is to be complied with as per the requirements and bylaws of the relevant statutory authorities including contract labour (Regulation and Abolition) Act 1970.

9. QUANTITY OF WORK TO BE EXECUTED:

The Schedule of Quantities unless otherwise stated shall be deemed to have been prepared in accordance with the Standard Procedure of the Architects shall be considered to be approximate and subject to variation. The Employer reserves the right to execute only a part or the whole or any excess thereof without assigning any reason therefore.

The Contractor shall be deemed to have satisfied himself before tendering to the correctness and sufficiency of his tender for the works and of the prices stated in the Schedule of Quantities and/or the Schedule of Rates and Prices, which rates and prices shall cover all things necessary for the completion of the works.

10. 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 the other Agency, or persons and contractor shall allow all reasonable facilities and use of his scaffoldings for the execution of such work. The main contractor shall extend all cooperation in his regard.

11. EARNEST MONEY & SECURITY DEPOSIT:

The Earnest Money Deposit of EMD Rs. 70000/- (Rupees Seventy Thousand only) a Bank Guarantee (BG) or NEFT/RTGS from any nationalised Bank/ Scheduled Bank as per format enclosed **drawn in favour of Bankers Institute of Rural Development, payable at Lucknow or directly credited to BIRD's Current Account Number-921020044058630 maintained with Axis Bank, MG Marg, Lucknow-226001 (IFSC Code- UTIB0000053)** as per the format enclosed. Tender without EMD shall be rejected.

12. CONTRACTOR TO PROVIDE EVERYTHING NECESSARY:

The Contractor shall provide everything necessary for the proper execution of the 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/Architects whose decision shall be final and binding.

13. TIME OF COMPLETION, EXTENSION OF TIME & PROGRESS CHART:

The Contractor shall be allowed admittance to the site on the 'Date of Commencement' stated in the Appendix, and he shall thereupon and forthwith begin the works and shall regularly proceed with to complete the same (except such painting or other decorative work as the Architect may desire to delay) on or before the "Day of Completion" stated in the Appendix subject nevertheless the provision for the extension of time hereinafter contained.

If in the opinion of the BIRD/Architect the works be delayed:

- a) By force majeure or
- b) By reason of any exceptionally inclement weather or
- c) By reason of proceedings taken or threatened by or dispute with adjoining or neighbouring owners of public authorities arising, than through the Contractor's own default or
- d) By the works or delays of the contractors/tradesmen engaged or nominated by the Employer/Architect and not referred in the Schedule of Quantities and/or specifications or
- e) By reason of civil commotion, local combination of workmen or strike or lock-out affecting any of the buildings/traders or
- f) By reason of the BIRD/Architect's instructions, or
- g) In consequence of the Contractor not having in due time, necessary instructions from the Architect for which he shall have specifically applied in writing ahead of time, giving the BIRD/Architect reasonable time to prepare such instructions, the Architects shall make a fair and reasonable extension of time for completion of the Contract works.

In case of such strike or lock-out, the Contractor shall as soon as possible, give written notice thereof the Architect, but the Contractor shall nevertheless constantly use his endeavours to prevent delay and shall do all them may reasonably be required, to the satisfaction of the Architect to proceed with the work.

The Contractor on starting the works shall furnish to the Employer/Architect a Bar chart for carrying out the work stage in the stipulated time for the approval of Architect/Employer and follow strictly the approved time schedule incorporating charges if any, to ensure the completion of the work in stipulated time. A graph or chart on individual work shall be maintained showing the proportionate progress of work week by week by Architect, a weekly progress report stating the number of skilled and un skilled labourers employed on the work, working hours done, place, type, and quantity of work done during the period.

The Contractor must inform the Architect, 10 days in advance of all drawings and details required by him from time to time. The Contractor shall adhere to the approved program and arrange for the materials and labour etc. accordingly. Despite repeated instructions, if the Contractor fails to show proportionate progress of the work, the

Architect / Employer may take suitable action as deemed fit without prejudice to any terms and conditions of the contract.

14. LIQUIDATED DAMAGES:

Should the work be not completed to the satisfaction of the Employer/Architects 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 not commenced or unfinished after the expiry of the completion date.

If the contractor fails to complete the work by the Scheduled date of completion or within any sanctioned extended time, he will have to pay liquidated damages at rate of 0.25 % of contract value for each week of delay subject to maximum of 5% of the contract value.

15. MATERIALS, WORKMANSHIP, SAMPLES, TESTING OF MATERIALS:

All the works specified and provided for in the specifications or which may be required to be done in order to perform and complete any part thereof 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/Architects during the execution of the work and to his entire satisfaction.

All mandatory tests shall be carried out as per specifications. If required by the Employer/Architects, the contractor shall have to carry out tests on materials and workmanship in approved materials testing laboratories or as prescribed by the Employer/Architects at his own cost to prove that the materials etc., under test conform to the relevant I.S Standards or as specified in the specifications. No extra payment on this account shall 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 charges for import duties and other charges and must be the best of their kind available and the contractors must be entirely responsible for the proper and efficient

carrying out of the work. The work must be done in the best workmanlike manner. Samples of all materials to be used must be submitted to the Employer/Architects when so directed by the Employer/Architects and written approval from Employer/Architects must be obtained prior to placement of order.

Any damage (during constructions) to any part of the work for any reasons due to rain, storm or neglect of contractor shall be rectified by the contractor in an approved manner at no extra cost.

Should the work be suspended by reason of rain, strike, lockouts or any other cause, the contractor shall take all precautions necessary for the protection of work and at his own expenses 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.

16. REMOVAL OF IMPROPER WORK, ITEMS SUPPLIED & INSTALLED:

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/Architects 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 instructions. 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 thereto as certified by the Employer/Architects shall be done by the contractor or may be deducted from any money due to or that may become due to the contractor. No certificate, which may be given by the Architects, shall relieve the contractor from his liability in respect of unsound work or bad materials.

17. SITE ENGINEER:

The Employer may appoint a Site Engineer if required, who will be representative of the Employer and also for the Architect. The duties of the Employer representative are to watch and supervise the works and to test any materials to be used of workmanship employed in connection with the works. He shall have no authority either to relieve the Contractor of any of his duties or obligations under the Contract, or except those expressly provided hereunder, to order any work involving delay or any extra payment by the Employer or any variation of or in the works.

The contractor shall afford the Employer's representative every facility and assistance for examining the works and materials and checking the measuring time and materials. Neither the Employer's representative nor any assistant to the Architect shall have power to revoke, alter enlarge or relax the requirements of this Contract, or to Sanction any day-work, additions, alterations, deviations or omissions unless such an authority may be specially conferred by a written order of the Architect/Employer.

The Employer's Representative shall have to give notice to the Contractor or his foremen about the non-approval of any work or materials and such works shall be suspended or the use of such material should be discontinued until the decision of the Architect is obtained, the work will from time to time be examined by the Architect or the Employer's representative but such

examinations shall not in any way exonerate the Contractor from the obligation to remedy defects which may be found to exist at any stage of the work or after the same is completed. Subject to the limitations of this clause, the Contractor shall take instruction from the Architect/Employer.

18. 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/Architects. The contractor shall engage at least one experienced Technical personnel 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 labourers below the age of sixteen 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 legislation including the requirements of

- a) The payment of Wages Act.
- b) Employer's Liability Act.
- c) Workmen's Compensation Act, 1923.
- d) Contract Labour (Regulation & Abolition) Act. 1970 and Central Apprentices Act 1961
- e) Minimum Wages Act
- f) Any other Act or enactment relating thereto and rules framed there under from time to time.

The contractor shall keep the Employer indemnified against claims of any of the workmen and all costs and expenses as may be incurred by the Employer in connection with any claim that may be made by any workmen.

The contractor shall comply at his own cost with the order for requirement of any Health Officer of the State or any local authority or of the Employer regarding the maintenance of proper environmental sanitation of the area where the contractor's labourers' are housed or accommodated, for the prevention of small pox, cholera, plague, typhoid, malaria and other contagious diseases. The contractor shall provide, maintain and keep in good sanitary condition adequate sanitary accommodation and provide facilities for pure drinking water at all times for the use of workers engaged on the works and shall remove and clear away the same on completion of the works. Adequate precautions shall be taken by the contractor to prevent nuisance of any kind on the works or the lands adjoining the same.

The contractor 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.

19. DISMISSAL OF WORKMEN:

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

20. 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.

21. DAMAGE TO PERSONS AND PROPERTY, INSURANCE, ETC.:

The contractor shall be responsible for all injury to the work or workmen to persons, animals or things and for all damages to the structural and/or decorative part of property which may arise from the operations or neglect of himself or of any sub-contractor or of 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 the person or property as aforesaid and also in respect of any claim made in respect of injury or damage under any acts on compensation or damage consequent upon such claim.

The contractor shall reinstate 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 of third parties.

The contractor shall effect the insurance necessary and indemnify the Employer entirely from all responsibility in this respect such as fire, theft etc through CAR policy. The original insurance policy will be with BIRD which will be jointly in the name of the Employer and contractor and the duplicate will be with the contractor. The scope of insurance is to include damage or loss to the contract itself till this is made over in a complete state, so contractor will take the CAR (Contractors All Risk Policy) for insurance equal to the amount of issued work order for this work. CAR is compulsory and must be effected from the commencement of work to completion of defect liability period. The contractor shall also be responsible for anything, which may be excluded from damage to any property arising out of incidents, negligence or defective carrying out of this contract.

The Contractor shall also similarly indemnify the Employer against all claims which may be made upon BIRD whether under the **Workmen Compensation Act** or any other statute in force during the currency of this contract or at Common Law in respect of any employee of the Contractor **shall at his own expenses effect and maintain, until the completion of the Contract, with an Insurance company approved by the employer a policy of Insurance in the joint names of BIRD and the Contractor(the name of the former being placed first in the policy) against such risks and deposit such Policy or**

Policies with BIRD from time to time during the currency of the Contract. In default of the contractor ensuring as provided above, the employer may so ensure and may deduct the premiums paid from any money due or which may become due to the contractor

The Contractor shall be responsible for any liability which may be excluded from the Insurance Policies above referred to and also for all other damages to any person, animal or property arising out of and incidental to the negligent or defective carrying out of this Contract, whatever may be the reasons due to which the damage shall have been caused. He shall also indemnify and keep indemnified BIRD in respect of all and any costs, charges or expenses arising out of any claim or proceedings relating to the works and also in respect of any award of compensation or damages, arising therefrom. Without prejudice to other rights of BIRD against contractor in respect of such default, BIRD shall be entitled to deduct from any sums payable to the Contractor the amount of any damage, compensation, costs, charges and other expenses paid by the employer and which are payable by the contractor under this clause. The contractor shall upon settlement by the insurer of any claim made against the insurer pursuant to a policy taken under this clause proceed with due diligence to rebuild or repair the works destroyed or damaged. In this event all the money received from the insurer in respect of such damage shall be paid to the contractor and the contractor shall not be entitled to any further payments in respect of the expenditure incurred for rebuilding or repairing of the materials or goods destroyed or damaged. The contractor shall execute the Indemnity Bond on the performa given in this tender.

The contractor, in case of re-building or reinstatement after damage shall be entitled to such extension of time for completion as BIRD may deem fit, but shall, however, not be entitled to reimbursement by BIRD of any shortfall or deficiency in the amount finally paid by the insurer in settlement of any claim arising as set out herein.

Further, the Employer shall be at liberty and is 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 for damages from any sums due to or to become due to the contractor.

22. MEASUREMENTS:

Before taking any measurement of any work the contractor/ its representative deputed by him shall give reasonable notice to the employer. The mode of measurement will depend upon the unit mentioned in the Schedule of Quantities. 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 Site Engineer or by the subordinate deputed by him as the case may be is final and binding on the contractor and contractor shall have no right to dispute the same.

The Employer/Architect shall issue a certificate after due scrutiny of the contractor's bill stating the amount due to the contractor from the Employer and the contractor shall be entitled to payment thereof, within the period of honouring certificates named in these documents.

23. PAYMENTS:

All bills shall be prepared by the contractor in the form prescribed by the Employer/Architect. 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 Employer/Architect shall issue a certificate after due scrutiny of the contractor's bill stating the amount due to the contractor from the Employer and the contractor shall be entitled to payment thereof, within the period of honouring certificates named in these documents.

The Employer will deduct retention money as described in Memorandum of Form of Tender. The refund of retention money will be made after completion of defects liability period.

If the Employer has 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 payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude, the requiring of bad, unsound, imperfect or unskilled work to be removed and taken away and reconstructed, or re-erected or 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 power 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 to the architect within one week of the date fixed for completion of the work or of the date of certificate of completion furnished by the Architect.

Final Payment

The final bill shall be accompanied by a certificate of completion from the Employer/Architects. Payments of final bill shall be made after deduction of Retention Money as specified above, which shall be refunded after the completion of the Defects Liability Period after receiving the Employer's/Architect's certificate that the contractor has rectified all defects to the satisfaction of the Employer/Architects. The acceptance of the payment of the final bill by the contractor would indicate that he has no further claim in respect of the work executed.

24. VARIATION/DEVIATION:

The tender rates shall be fixed and applicable for any increase or decrease in the tendered quantities. The Employer/Architect can increase or decrease any quantities to any extent or even delete particular item as per the site requirements and the contractor shall not be paid anything extra on this account. Nothing extra will be paid by the Institute on account of omission/deletion of items or decrease in the quantity of items. The Institute shall not entertain any claim whatsoever from the contractor on this account.

The price of all additional items/non-tendered items will be worked out on the basis of rates quoted for similar items in the contract wherever existing. If similar items are not available, the rates for such items will be derived as per standard method of rate analysis based on

prevalent fair price of labour, material and other components as required with 15% towards contractor's profit and overheads plus applicable GST.

25. SUBSTITUTION:

Substitution is generally not allowed. In case of exception, it will be permitted after the approval of the Employer/Architects in writing for any such substitution well in advance. Materials designated in this specification shall be preferred first and in case of non-availability those mentioned in BOQ the substitution by "Equal" or "Other approved" etc. needs approval of the Employer/ Architect in writing.

26. 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 workmanlike condition to the satisfaction of the Employer/Architects.

27. DEFECTS AFTER COMPLETION:

The contractor shall make good at his own cost and to the satisfaction of the Employer all defects, shrinkage, settlements or other faults, which may appear within 12 months after completion of the work. In the 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, loss 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 Retention Money together with any expenses the Employer may have incurred in connection therewith.

28. IDLE LABOUR:

Whatever the reasons may be, no claim for idle labour, additional establishment cost of hire and labour charges of tools and plants would not be entertained under any circumstances.

29. SUSPENSION OF WORKS:

If the contractor except on account of any legal restraint upon the Employer preventing the continuance of the work or in the opinion of the Employer shall neglect or fail to proceed with due diligence in the performance of his part of the contract or if he shall more than once make default, the Employer shall have the power to give notice in writing to the contractor requiring the work to be proceeded within a reasonable manner and with reasonable dispatch, such notice purport to be a notice under this clause.

After such notice shall have been given, the contractor shall not be at liberty to remove from the site of the works or from any ground contiguous thereto any plant or materials to subsist from the date of such notice being given until the notice shall have been complied with. If the contractor fails to start the work within seven days after such notice has been given to proceed with the works as therein prescribed, the employer may proceed as provided in clause 30 below. (Termination of Contract by Employer)

30. TERMINATION OF CONTRACT BY EMPLOYER:

If the contractor being a company go into liquidation whether voluntary or compulsory or being a firm shall be dissolved or being an individual shall be adjudicated insolvent or shall make an assignment or a composition for the benefit of the greater part, in number of amount of his creditors or shall enter into a Deed or arrangement with his creditors, or if the Official Assignee in insolvency, or the Receiver of the contractor in insolvency, shall repudiate the contract, or if a receiver of the contractor's firm appointed by the court shall be unable within fourteen days after notice to him requiring him to do so, to show to the reasonable satisfaction of the employer that he is able to carry out and fulfil the contract, and if so required by the employer to give reasonable security therefore, or if the contractor shall suffer execution to be issued, or shall suffer any payment under this contract to be attached by or on behalf of and of the creditors of the contractor, or shall assign, charge or encumber this contract or any payments due or which may become due to contractor, there under, or 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 or shall use improper materials of workmanship in carrying on the works, or shall in the opinion of the employer not exercise such due diligence and make such 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 notice requiring the contractor so to do shall have been given to the contractor as hereinafter mentioned or shall abandon the contract, then and in any of the said cases, the Institute 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 of the obligations and liabilities of the contractor the whole of which shall continue in force as fully as if the contract, had not been so determine and as if the works subsequently executed by or on behalf of the contractor (without thereby creating any trust in favour of the contractor) further the employer or his agent, or servants, may enter upon and take possession of the work and all plants tools scaffolding sheds machinery, steam, and other power, utensils and materials lying upon premises or the adjoining lands or roads and sell the same as his own property or may employ the same by means of his own servants and workmen in carrying on and completing the works or 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 or thing to prevent or hinder such other contractors or other persons or person employed from 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 to remove his surplus materials after receipt by him the employer may sell the same by Public Auction and shall give credit to the contractor for the amount so realized. Any expenses or losses incurred by the contractor for the amount so realized. Any expenses or losses incurred by the employer in getting 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.

31. ARBITRATION:

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 this contract 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 foreclosure 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 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 from the following categories of Arbitrators:

- a) Retired High Court/Supreme Court judge who have experience in handling Arbitration Cases.
- b) Member of Council of Arbitrators
- c) Fellow of the Institution of Engineers
- d) Eminent Retired Chief Engineer from State/Central PWD/Public sector Undertaking of good reputation and integrity
- e) Fellow of Indian Institute of Architects

The contractor shall on receipt of the names as aforesaid, select any one of the persons' name 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 Competent Authority should 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 appoint him as the 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 persons from panel as the Sole Arbitrator and communicate his name to the Employer.

If the Arbitrator so appointed is unable or unwilling to act or resigns 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 and no payment 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 issued notice to both the parties fixing 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 the Arbitrator in his Sole discretion.

The award of the Arbitrator shall be final and binding on the both the parties.

Subject to aforesaid the provisions to the Arbitration Act. 1996 or any statutory modification or re-enactment thereof and the rules made there under, and for the time being in force, shall apply to the arbitration proceeding under this clause.

The Employer and the contractor hereby also agree that arbitration under clause shall be condition precedent to any right to action under the contract with regard to the matters hereby expressly agreed to be so referred to arbitration.

32. PRE-CONTRACT INTEGRITY PACT: Pre-contract Integrity Pact as per the format may be filled and submitted along with the Technical Bid, failing which the tender will not be considered. To be submitted on Rs. 100 Stamp Paper only on first page and remaining document on normal A4 size pages duly signed by the bidder.

SPECIAL CONDITIONS OF CONTRACT

1. EXECUTION OF WORK (PRICES TO INCLUDE)

The whole of the work is described in the contract (including the schedule of Quantities, the specifications and all drawing pertaining there to) and as advised by Employer/Architect from time to time is to be carried out and completed in all its parts to the entire satisfaction of the Employer/Architect. Any minor details of the work which may not have been definitely referred to in this contract, but which are usual in practice and essential to the work, are deemed to be included in this contract. Rates quoted in the Schedule shall be inclusive of all freights, royalties, duties as well as transportation, so as to execute the contract as per the rules and regulations of Local Bodies, State Government and Government of India.

The rates quoted in the tender should include all charges for:

- a) Labour, maintenance fixing, carrying, cleaning, making good, hauling, watering etc.
- b) Plant, machinery, scaffolding, framework, English ladders, ropes, nails, spikes, tools, materials and workmanship protection from weather, shuttering, temporary supports, platform and maintenance of the same.
- c) Covering for the walling and other works during inclement weather or striking or whenever directed as necessary.
- d) Meeting all obligations indicated in tender document.

2. SITE SUPERVISION

The contractor shall appoint at his own cost, competent and adequate number of qualified persons at site, for (1) joint measurements and preparations of bills, (2) for testing materials, (3) for other general supervision. Their appointment may be consulted with Employer/Architect. The site Engineers shall not be removed from the site without the written consent of the Employer/Architect.

3. MATERIALS AND WORKMANSHIP

The contractor under this contract binds himself to use first class materials. Quality of workmanship shall be of the highest order befitting the nature of the project. All work not up to the standard shall be summarily rejected and the Contractor will be required to dismantle the defective work and redo the work at his own cost and risk. The decision of the employer regarding the quality/standard of workmanship shall be final and binding on the contractor.

4. DIMENSIONS

Figures, dimensions, are in all case to be accepted preferences to scaled sizes. Large-scale details take precedence over small-scale drawings. In case of discrepancy, the contractor is to ask for a clarification before proceeding with the work. Accordingly, if any work is executed without prior clarification it is liable to be rejected and shall not be paid for.

5. CUSTODY AND SECURITY OF MATERIALS

The contractors shall be responsible for the custody and security of all materials and equipment at site and he will provide full time watchman/watchmen to lock after his materials, stores equipment etc.

6. PRICES FOR EXTRAS ETC., ASCERTAINMENT OF

Should it be found after the completion of the works from measurements taken that any of the quantities or amounts of the work thus ascertained are less or greater than the amounts specified for the works in the priced schedule of quantities and/or tender or that any variations, is made, the valuation of such quantities, amounts or variations, unless previously or otherwise agreed upon, shall be made accordance with the following rules:

- a) The net rates or prices in the original tender shall determine the valuation of the extra work, where extra work is of a similar character and executed under similar conditions the work priced therein.
- b) The net prices the original tender shall determine the value of the item omitted, provided if omissions vary the conditions under which any remaining items of work are carried out, the prices for the same shall be valued under thereof
- c) Where extra works are not of similar character and/or executed under similar conditions as aforesaid or where the omissions vary, the conditions under which any remaining items of work are carried out of it the amount of any omission or additions relative to the amount of the whole of the contract works or to be any part thereof shall be such that in the opinion of the Architects the net rate or price contained in the priced schedule of quantities or tender or for any item of work involves loss or expenses beyond that reasonably contemplated by the contractor or is by reason of such omission or addition rendered unreasonable or inapplicable, the Architect shall fix in consultation with the Employer such other rate or prices as in the circumstances he shall think reasonable and proper, which shall be final and binding on the contractor.
- d) Where extra work cannot be properly measured or valued, the contractor shall be allowed any work prices at the net rates stated in the tender or the priced schedule of quantities, or if not so stated, then in accordance with the local day work rates and wages for the district, provided that in either case vouchers specifying the daily time (and if required by the Architect, the workmen's name) and materials employed at or before the end of the week following that in which the work has been executed.

The measurements and valuations in respect of the extra items of contract shall be completed within the 'period of final measurement' or within three months of the completion of the contract works.

7. ARCHITECT'S DRAWINGS & INSTRUCTIONS

A set of major drawings along with the contract documents shall be provided to the contractor. For any clarifications or further drawings are required by the contract, during or before the start of construction work, the Contractor shall inform the Architects in writing to provide the same. Working details will be given to the contractor from time to time during the progress of work as and when required. In case of other drawing is required by the contractor he will give a minimum ten days' notice to the Employer/Architect.

8. FAILURE BY CONTRACTOR TO COMPLY WITH EMPLOYER'S/ARCHITECT'S INSTRUCTIONS

If the contractor after receipt of written notice from the architect requiring compliance with such further drawings and/or Architects instruction, fails within seven days to comply with the same, the Employer/Architect may employ and pay other persons to execute any such work

whatsoever as may be necessary to give effect thereto and all cost incurred in connection there with shall be recoverable from the contractors by the Employer on a Certificate by the Architect as a debit or may be deducted by him from any money due or which become due to the Contractors.

9. INFORMATION TO BE SUPPLIED BY THE CONTRACTOR

The contractor shall furnish the Employer/Architect the following:

- a) Detailed industrial statistics regarding the labour employed by him etc.
- b) The Power of Attorney, name and signature of his authorized representative, who will be in charge for the execution of work.
- c) The list of technically qualified persons employed by him for the execution of this work.
- d) The total quantity and quality of materials used for the works.
- e) The list of plant and machinery employed for this work.

10. DELAYED PAYMENTS

No interest is payable if any amounts payable by the Employer to the contractor in pursuance of any Certificate given by the Architect hereunder shall, if not paid within the 'Period of honouring of Certificate'.

11. FORCE MAJEURE

Neither party shall be held responsible by the other for breach of any condition of this agreement attributable to any 'Act of God', Act of state, lockout of control or any other reason, beyond the control of the parties and any breach of clauses arising from much force majeure conditions as aforesaid shall not be regarded as a breach of the provision of this Agreement.

12. TAX DEDUCTION AT SOURCE

Income Tax and GST TDS shall be deducted at source by the employer from the contractor's interim and final bill payments as per Statutory Regulations.

13. SITE MEETINGS

A senior representative of the contractor shall attend weekly meetings at works site and in addition meetings as and when arranged by Employer/Architect to discuss the progress of the work and sort out problems, if any and ensure that the work is completed in the stipulated time.

14. ACTION WHERE THERE IS NO SPECIFICATION

In case of any class of work for which is there is no specification mentioned, the same will be carried out in accordance with the Indian Standards Specifications subject to the approval of the Employer/Architect.

15. REPORTING OF ACCIDENT TO

The contractor shall be responsible for the safety of persons employed by him on the works and shall reports serious accidents to any of them whenever and wherever occurring on the works to employer who shall make every arrangement to render all possible assistance. This shall be without prejudice to the responsibility of the contractor under the Insurance Clause

of the general conditions. Contractor shall take all precaution detailed in the safety code attached separately.

16. TYPOGRAPHICAL/ CLERICAL ERRORS

The Employer / Architect clarification regarding partially omitted particulars of typographical or Clericals errors shall be final and binding on the contractors.

17. WORK PERFORMED AT CONTRACTOR'S RISK

The contractor shall take all precautions necessary and shall be responsible for the safety of the work and shall maintain all lights, goods, signs, temporary passages or other protection necessary for the purpose. All works shall be done by the contractor's risk and if any loss or damage shall result from fire or from others cause, the contractor shall promptly repair or replace such loss or damage free from all expenses to the employer.

The contractor shall be responsible for any loss or damage to materials, tools or other articles used held for use in connection with the work. The work shall be carried on to completion without interferences with the operations of existing machinery or equipment, if any.

18. SPECIAL CONDITIONS OF CONTRACT

In the event of any discrepancy with clauses mentioned anywhere else in the tender with the clauses mentioned within special conditions of contract, the clauses mentioned within the special conditions of contract shall supersede those mentioned elsewhere.

19. The contractor should take necessary insurance cover CAR policy (Contractor's All Risk Policy) at his cost for his persons employed at site and for third party from commencement to the completion of Defect Liability Period. Policies should be taken in the joint names of employer and the contractor in which first name should be Employer.

20. The contractor shall engage necessary qualified person for "**Tender for civil & structural works related to installation of lifts at BIRD campus, Lucknow.**" for full time supervision of site at his cost during the execution of the work for attending to day to day affairs. He shall keep record of daily work schedule and keep inform the progress to the Architect/Institute on daily basis till completion of project.

21. Successful Bidder shall be abide with Central / State Govt.'s Health Guideline towards COVID-19 and maintained health discipline till completion of work.

22. Successful bidder must submit Medical certificate (COVID test) and maintain register of all related labor/ supervisor.

23. Due to ongoing Corona Pandemic and travelling issue pre-bid meeting may be online. Prospective bidders are requested to discuss their points for clarification on telephonic conversation with the Architect M/s Sandeep Govalkar Design Associates.

24. The rates quoted shall also be inclusive of obtaining all permissions from Local Authorities (Lucknow Development Authority). Handling of Municipal Corporation, Local problems are in contractor's scope of work, including obtaining the local permissions for smooth functioning the project, BIRD shall not pay any extra amount for the same. The onus of obtaining all the local authority permissions totally lies on the contractor.

SAFETY CONDITIONS OF THE CONTRACT

As part of the contract, the contractor must satisfy the undermentioned safety requirements and must ensure at all time that these are followed without any deviation.

A. GENERAL

1. Smoking and chewing pan are prohibited in the Institute.
2. For any job involving welding, soldering, lighting of flames, use of heat source or temporary electrical connection, prior permission of BIRD's engineer shall be taken before execution of the same. No job involving heat source are permitted to be carried out after office hours and on holidays/Sundays without prior permission.
3. It is entirely the responsibility of the contractor to see that safety appliances such as safety belts, life lines, helmets, rubber gloves of appropriate voltage (1100V) rating etc., depending on the job demand, are made available to his staff at contractor's cost. If the contractor need any suggestion on the mater, he may approach BIRD's engineer for the same. Any lapse on safety will be viewed seriously.
4. The contractor shall ensure that the persons posted for the work are well conversant with the operation of fire extinguishers.
5. The contractor shall take all precautions to avoid accidents and causes of accidents. He must be careful regarding safety during working of his staff in the premises.

B. SAFETY PRECAUTIONS FOR PORTABLE ELECTRICAL APPLIANCES

Precaution in handling portable electrical appliances are more significant under monsoon conditions. Some likely situations are highlighted here for contractor's attention and action to ensure that conditions and methods of usage conform to the safety of personnel and property.

1. Broken sockets/pin plug /loose connections: These conditions cause sparks which lead to fault conditions or electrical shock situations. Wires shall not be directly inserted into the sockets as the earth lead of the equipment inserted into the phase socket may give shock to the operator.
2. Polarity of phase/neutral and earth: Certain appliances like Poroscope may give violent electrical shock during work if polarity conditions are not satisfied.
3. Joints in flexible cables: Usage of portable appliance is such that electrical and physical integrity of joint may be suddenly affected, leading to severe sparking and fire if combustible / inflammable materials are present near the joint. Sometimes this may not be noticed by the operator at all.
4. Appliance body grounding and system grounding: In absence of or ineffective appliance body grounding, operator may receive severe shock in case of phase to earth fault during usage. All earth pins in sockets must have low impedance and mechanically firm earthling according to Indian Electricity Rules/BIS 3043 so that safety is assured to operators even under fault condition.

5. Water leakage: Water reduces efficiency of insulation depending upon exposure. Presence of moisture on ordinary switches may give a shock during operation, switches in chronic leakage areas should preferably be de-energized until the rectification is done.

| APPENDIX | | |
|---|--|--|
| ABSTRACT TO GENERAL CONDITIONS OF CONTRACT | | |
| 1. | Earnest Money Deposit | Rs.70,000/- |
| 2. | Date of Commencement | One week from the date of issue of work-order to the contractor |
| 3. | Period of Completion | 48 weeks from the date of commencement |
| 4. | Defects Liability Period | 12 months from the date of completion |
| 5. | Agreed Liquidated Damages | 0.25% of contract value for each week of delay subject to maximum of 5% of the contract value (without extra items) |
| 6. | Period of Final Measurement | 30 days |
| 7. | Retention money from each interim bill | 5% |
| 8. | Total retention money including earnest money and initial security deposit | 5% of the Contract Value |
| 9. | Architect's certificate of payment | 15 days after submission of interim bills by the Contractor. |
| 10. | Period of honouring payment certificate | 21 working days from date of Architect's certificate of payment for interim bills and 45 working days for final certificate. |

DECLARATION

I/We have inspected the site of works and have made me/us fully acquainted with the local conditions in and around the sites of works. I/We hereby declare that I/We have gone through the conditions laid down in the Notice Inviting Tender, Conditions of Contract, Technical Specifications and understood the same and on the basis of the same I/We quoted our rates in the Schedule of Quantities attached with the tender documents.

I/We shall also uniformly maintain such progress as may be directed by the Employer / Architect to ensure completion of same within the target date as mentioned in the tender document.

Witness:

Signature of Tender

Address _____

Date: _____

NOTE: All technical clarification if any should form a part of technical bid. Technical clarifications after opening of the tender will not be entertained at any cost.

PRE-CONTRACT INTEGRITY PACT

(To be submitted on Rs. 100 Stamp Paper only on first page and remaining document on normal A4 size pages duly signed by the bidder)

Between

Bankers Institute of Rural Development (BIRD) hereinafter referred to as “The Principal”

And

..... hereinafter referred to as “The Bidder”

Preamble

The Principal intends to award, under laid down organizational procedures, contract/s forThe Principal values full compliance with all relevant laws of the land, rules, regulation and economic use of resources and of fairness /transparency in its relations with its Bidder(s).

In order to achieve these goals, the Principal will appoint Independent External Monitors (IEMs) who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 – Commitments of the Principal

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles: -
 - a. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - b. The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will, in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - c. The Principal will exclude from the process all known prejudiced persons.
- (2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section2 – Commitments of the Bidder(s)

- (1) The Bidder(s) commit themselves to take all measures necessary to prevent corruption. The Bidder(s) commit themselves to observe the following principles during participation in the tender process and during the contract execution:
 - a. The Bidder(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal’s employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

- b. The Bidder(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
 - c. The Bidder(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - d. The Bidder(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the Bidder(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any.
 - e. The Bidder(s) will, when presenting their bid, disclose any and all payments made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
 - f. Bidder(s) who have signed the Integrity Pact shall not approach the Courts while representing the matter to IEMs and shall wait for their decision in the matter.
- (2) The Bidder(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 – Disqualification from tender process and exclusion from future contracts

If the Bidder(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form which put their reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s) from the tender process.

Section 4 – Compensation for Damages

(1) If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/Bid Security. (2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 – Previous transgression

- (1) The Bidder declares that no previous transgressions occurred in the last three years with any other Company in any country conforming to the anti-corruption approach or with any Public Sector Enterprise in India that could justify his exclusion from the tender process.
- (2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process.

Section 6 – Equal treatment of all Bidders

- (1) In case of Sub-contracting, the Principal Contractor shall take the responsibility of the

adoption of Integrity Pact by the Sub-contractor.

- (2) The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors
- (3) The Principal will disqualify from the tender process all bidders who do not sign the Pact or violate its provisions.

Section 7 – Criminal charges against violating Bidders(s)

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or are representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8 – Independent External Monitor

- (1) The Principal appoints competent and credible Independent External Monitor for his Pact after approval by the Central Vigilance Commission. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement. The Independent External Monitor appointed for BIRD is

Dr. Sanjay Kumar Panda, IAS (Retd.)
515, Ward No. 3, Sideshwar Sahi,
City, Cuttack District
Odisha – 753 008

- (2) The Monitor is not subject to instructions by the representatives of the parties and performs his/her functions neutrally and independently. The Monitor would have access to all Contract documents, whenever required. It will be obligatory for him / her to treat the information and documents of the Bidders as confidential. He / she reports to the Chairman, Governing Council, BIRD Lucknow.
- (3) The Bidder(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his/her request and demonstration of a valid interest, unrestricted and unconditional access to their project documentation. The same is applicable to Sub-contractors.
- (4) The monitor is under contractual obligation to treat the information and documents of the Bidder(s) Sub-with confidentiality. The Monitor has also signed declarations on 'Non- disclosure of Confidential Information and of 'Absence of Conflict of Interest'. In case of any conflict of interest arising at a later date, the IEM shall inform Chairman, Governing Council, BIRD Lucknow and recuse himself/herself from that case.
- (5) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project, provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
- (6) As soon as the Monitor notices, or believes to notice, a violation of this agreement,

he/she will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

- (7) The monitor will submit a written report to the Chairman, Governing Council, BIRD, Lucknow within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposal for correcting problematic situations.
- (8) If the Monitor has reported to the Chairman, Governing Council, BIRD, Lucknow a substantiated suspicion of an offence under the relevant IPC/PC Act, and the Chairman, Governing Council, BIRD Lucknow has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- (9) The word 'Monitor' would include both singular and plural.

Section 9 – Pact Duration

- (1) This Pact begins when both parties have legally signed it. It expires for the Contract or 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings. If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharge/determined by the Chairman, Governing Council, BIRD Lucknow

Section 10 – Other provisions

- (1) This agreement is subject of Indian Law, Place of performance and jurisdiction is the Head Office of the Principal, i.e. Lucknow.
- (2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- (3) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- (4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- (5) Issues like Warranty/Guarantee etc. shall be outside the purview of IEMs.
- (6) In the event of any contradiction between the Integrity Pact and its Annexure, if any, the Clause in the Integrity Pact will prevail.

(For & On behalf of the Principal)

(Office Seal)

(For & on behalf of the Bidder)

(Office Seal)

Place_____

Date _____

Witness 1:

(Name &Address)

Witness2:

(Name &Address)

FORM OF BANK GUARANTEE FOR PERFORMANCE SECURITY

(To be stamped properly as per applicable law)

1. THIS DEED of Guarantee made this day of _____ between _____ (Name of the Institute) (hereinafter called the “Institute”) of the one part and the BIRD, Lucknow (hereinafter called the “BIRD, Lucknow”) of the other part.

2. WHEREAS the BIRD, Lucknow has awarded the contract for civil & structural works related to installation of lifts at BIRD campus, Lucknow. for Rs. _____ (Rupees in figures and words) (hereinafter called the “contract”) to M/s _____ (Name of the contractor) (hereinafter called the “contractor”).

3. AND WHEREAS THE Contractor is bound by the said Contract to submit to the Employer a **Performance Security along with Workmen Compensation policy** for a total amount of Rs. _____ (Amount in figures and words).

4. NOW WE the Undersigned _____ (Name of the Institute) being fully authorized to sign and to incur obligations for and on behalf of and in the name of _____ (Full name of Institute), hereby declare that the said bank will guarantee the BIRD, Lucknow the full amount of Rs. _____ (Amount in figures and words) as stated above.

5. After the Contractor has signed the aforementioned contract with the BIRD, Lucknow, the Institute is engaged to pay the BIRD, Lucknow, any amount up to and inclusive of the aforementioned full amount upon written order from the BIRD, Lucknow to indemnify the BIRD, Lucknow for any liability of damage resulting from any defects or shortcomings of the Contractor or the debts he may have incurred to any parties involved in the Works under the Contract mentioned above, whether these defects or shortcomings or debts are actual or estimated or expected. The Institute will deliver the money required by the BIRD, Lucknow immediately on demand without delay without reference to the Contractor and without the necessity of a previous notice or of judicial or administrative procedures and without it being necessary to prove to the Institute the liability or damages resulting from any defects or shortcomings or debts of the Contractor. The Institute shall pay to the BIRD, Lucknow any money so demanded notwithstanding any dispute/disputes raised by the Contractor in any suit or proceedings pending before any Court, Tribunal or Arbitrator(s) relating thereto and the liability under this guarantee shall be absolute and unequivocal.

6. THIS GUARANTEE is valid for a period of _____ months from the date of signing. (The initial period for which this Guarantee will be valid must be for at least six months longer than the anticipated expiry date of the Contract period).

The Performance Guarantee is restricted to waterproofing work for the performance of minimum 5 years against the Bank Guarantee for equivalent amount of item executed.

7. At any time during the period in which this Guarantee is still valid, if the BIRD, Lucknow agrees to grant a time of extension to the contractor or if the contractor fails to complete the works within the time of completion as stated in the contract, or fails to discharge himself of the liability or damages or debts as stated under para-5 above, it is understood that the

Institute will extend this Guarantee under the same conditions for the required time on demand by the BIRD, Lucknow and at the cost of the contractor.

8. The Guarantee hereinbefore contained shall not be affected by any change in the Constitution of the Institute or of the contractor.

9. The neglect or forbearance of the BIRD, Lucknow in enforcement of payment of any moneys, the payment whereof is intended to be hereby secured or the giving of time by the BIRD, Lucknow for the payment hereof shall in no way relieve the Institute of their liability under this deed.

10. The expressions “the Bankers Institute of Rural Development”, “the Institute” and “the Contractor” hereinbefore used shall include their respective successors and assigns.

IN WITNESS whereof I/We of the Institute have signed and sealed this guarantee on the _____ day of _____ (Month) _____ (year) being herewith duly authorized.

| | |
|---|--|
| (Signature of the Bidder) Name and Address of the Bidder. Telephone No. | Signature of Authorized Signatory of Bankers Institute of Rural Development, Lucknow |
| (Signature of Witness 1) Name of Witness | (Signature of Witness 1) Name of Witness |
| Address of Witness | Address of Witness |
| (Signature of Witness 2) Name of Witness | (Signature of Witness 2) Name of Witness |
| Address of Witness | Address of Witness |

**CHECK-LIST FOR TECHNICAL BID FOR CIVIL & CONSTRUCTION WORKS
FOR LIFTS AT BIRD LUCKNOW**

| Sr. No. | Documents asked for | Whether placed or not |
|----------------|---|------------------------------|
| | Self-attested copy of the PAN card with copy of Income Tax Return of the last three financial years. | |
| | Self-attested copy of Balance Sheet duly certified by CA for the last three financial years. | |
| | Self-attested copy of GSTIN | |
| | Proof of experiences of last seven financial years as specified in the NIT along with satisfactory performance certificates from the concerned employers. | |
| | Signed Copy of Pre Contract Integrity Pact as per format on Rs. 100 Stamp Paper. | |
| | | |

Signature:

Date:

MODE OF MEASUREMENTS

The method of measurement for various items in the tender shall be generally in accordance with the IS: 1200 subject to the items for which the mode of measurements is not given under or elsewhere in the tender.

1) Excavation:

a) Footings: Area of excavation for footing shall be measured equal to the area of the lowest concrete as shown on the drawing. Depth shall be measured vertically from ground level to bottom of concrete course or dry rubble packing as the case may be.

b) Plinth Beams: Depth of excavation for plinth beam shall be measured from ground level up to bottom of beam and width equal to width of the beam. If a levelling course is ordered, it shall be measured up to the bottom of the Levelling course.

c) Where excavation is made in trenches, measurements for cutting shall be taken by means of taps and staff and the width of concrete or rubble packing as shown on the Drawing shall be considered as the width of excavation.

d) Where excavation is made for levelling the site, levels shall be taken before start and after completion of work and total quantity of excavation computed from these levels in manner approved by the Architect.

e) Where soil including soft rock and hard rock are mixed, hard rock after excavation shall be stacked separately. Measurement of the entire excavation shall be taken as indicated above. Excavations of hard rocks shall be measured from stacks of excavated hard rock and reduced by 40% for bulkage and void. The quantity so arrived at shall be paid for under hard rock. The difference between the quantity of entire excavation and quantity payable under hard rock shall be paid as soil including soft rock.

2) Earth Filling:

In open spaces Fillings shall be measured from cross sections of embankments, levels of which are recorded by means of levels before start of work and after completion of work. When it is not possible to measure filling from cross sections, it may be measured from loose stacks or lorry measurements with previous written permission from the Architect and 20% deduction shall be made from the measured quantity to arrive at the net quantity payable.

3) Cement Concrete (Plain & Reinforcement):

Cement concrete in R.C.C. and P.C.C. items shall be measured exclusive of reinforcement and plaster thickness but shall include necessary costs of shuttering, centering, hire charges of all equipment, curing, hacking and fair finish. Reinforcement and plaster shall be measured and paid separately.

No deductions will be made for openings up to 0.1 sq.mtr. and no extra labour for forming such openings or voids shall be paid.

Columns shall be measured from face to face of columns / beams and shall include haunches, if any.

The depth of the beams (other than raft foundations beam) shall be measured from the top of the slab to the bottom of the beam.

Chajja: only projected portion shall be measured in Square meter.

4) Reinforcement:

Shall be measured in lengths of bars as actually placed in position on standard weight basis; no allowance being made in the weight for rolling margin, Wastage and binding wire shall not be measured; authorised overlaps and spacers shall only be measured. Standard weight for steel reinforcement bars Diameter of the steel bars in mm.

6, 8 ,10 ,12 ,16 ,20, 25, 32

Weight of steel bars in kg per Rmt.

0.22 ,0.39 ,0.62, 0.89, 1.58 ,2.47 ,3.85, 6.31 respectively.

5) Brick Work:

Except walls of half-brick thickness or less, all brick work shall be measured in cubic meters.

Thickness of Wall:

Brick walls up to and including three bricks in thickness shall be measured in multiples of half-brick which shall be deemed to be inclusive of the mortar joints. Where fractions on half-bricks occur due to Architectural or other reasons, the measurement shall be taken half-bricks. For walling, which is more than three bricks in thickness, the actual thickness of the wall be measured to the nearest centimetre.

Honey-combed brick walling shall be given in square meters stating the thickness of wall and the pattern of honeycombing. Honeycomb openings shall not be deducted.

Deductions:

No deductions or additions shall be made on any account for

a) Ends of dissimilar materials (i.e. joists, beams, lintels, lofts, grinders, rafters, purlins, trusses, corbels, steps, etc.) up to 500 square centimetres in section.

b) Opening up to 0.1 sq. in section.

c) Wall plates, bed plates and bearing of slabs, chajjas and the like where the thickness does not exceed 10 cm. and the bearing does not extend over the full width of the wall.

6) Stone Masonry:

Except where otherwise described, stonework and stone walling generally shall be given in cubic meters and fascia work in square meters.

When measuring walls, the thickness shall be measured to the nearest one centimetre.

Deductions shall be made as described under brick work.

7) Woodwork:

All work shall be measured net as fixed. No extra measurement will be given for shape, joints, splayed meeting styles of doors and windows and shall be measured in unit of square meters. Area over the face inclusive of exposed frame thickness (excluding width of cover mould) shall be measured in case of door, windows and ventilators when frames are included in the item. Portions embedded in masonry or flooring shall not be measured.

Where frames are measured separately mode of measurement shall be as per C.P.W.D. practice or IS:1200.

8) Steel doors, windows, ventilators, louvers:

Clear area over one face inclusive of exposed frame shall be measured. Holdfasts or portions embedded in masonry or flooring shall be measured.

9) Flooring, Skirting, Dado:

Flooring shall be measured from skirting to skirting and where the wall surface is plastered or provided with Dado, it shall be measured from plaster to plaster or dado to dado.

10) Plastering and Pointing:

All plastering and pointing shall be measured in square meters unless otherwise described. Net are of surface plastered shall be measured. No deductions will be made for ends of joints, beams, posts, etc., and opening not exceeding 0.5 sq.mtr. each and no additions shall be made neither for reveals, jambs, soffits, sills, etc. of these openings nor for finishing the plaster around openings, ends, of joists, beam and posts, etc.

Full deductions will be made for door, window and ventilator from each side with adding jambs for door, window and ventilator.

11) Painting, White Washing, Colour Washing and Distempering:

All painting work shall be measured in square meters.

Net are of surface painted shall be measured. No deductions will be made for unpainted surfaces of ends of joists, beams, posts etc., and opening not exceeding 0.5 sq.mtr. each and no additions shall be made for reveals, jambs, soffits, sills, etc., of these openings. Full deductions will be made for door, window and ventilator from each side with adding jambs for door, window and ventilator. No coefficient will be considered for painting over sponge finished or sand faced plaster.

MATERIAL TEST LIST

The Contractors will have to take necessary material test as per I.S. code which is applicable, at their own cost for the following materials or any other material using in construction work periodically or as and when required by the Architects / Consulting Engineer.

The materials should be got tested in an approved Laboratory as per IS standard and test reports in duplicate should be submitted to the Architect's / Owner Office.

- 1) Sand:
 - a) Silt Content.
 - b) Bulking.
 - c) Particle size distribution.
 - d) Or as directed.

- 2) Stone aggregate:
 - a) Soft and deleterious material.
 - b) Particle size distribution.

- 3) Cement Concrete RCC mix Design:
 - a) Slump
 - b) Cube strength.
 - c) Or as per I.S. 456-2000

- 4) Bricks:
 - a) Dimensions
 - b) Water absorption and efflorescence.
 - c) Compressive strength.

- 5) Ceramic/Vitrified Floor Tiles:
 - a) Transverse strength.
 - b) Water absorption.
 - c) Abrasion test.

- 6) Steel:
 - a) Tensile
 - b) Bend.

Note: The Contractor will have to take necessary material test other than above test as per relevant I.S. code, if required and as directed by Architect / Owner.

TECHNICAL SPECIFICATIONS OF MATERIALS

- 1) Material shall be of best approved quality obtaining and they shall comply with the respective Indian Standard Specification.
- 2) Samples of all materials shall be got approved before placing order and the approved sample shall be deposited with the Architect.
- 3) In case of non-availability of materials in metric sizes the nearest size in FPS units shall be provided with prior approval of the Architects for which neither extra will be paid nor shall any rebates be recovered.
- 4) If directed, materials shall be tested in any approved Testing Laboratory and the test certificates in original shall be testing including charges for repeated tests, if ordered, shall be borne by the Contractor.
- 5) It shall be obligatory for the Contractor to furnish certificate, if deemed by the Architects, from manufacturer or the material supplier that the work has been carried out by using their material and as per their recommendations.
- 6) All materials supplied by the Employer / any other Specialist Firms shall be properly stored and the Contractor shall be responsible for its safe custody until they are required on the works and till the completion of the work.
- 7) Unless otherwise shown on the Drawings or mentioned in the "Schedule of Quantities" or special specification, the quality of materials, workmanship, dimensions, etc., shall be as specified as hereunder.
- 8) All equipment and facilities for carrying out field tests on materials shall be provided by the Contractor without any extra cost.

a) Cement: (43/53 Grade), (OPC/PPC) Ultratech, A.C.C., Lafarge or equivalent approved

Cement shall comply in every respect with the requirements of the latest publications of IS: 269 and unless otherwise specified ordinary Portland Cement shall be used.

The weight of ordinary Portland Cement shall be taken as 1440 kg. per cu.m. (90 lbs. per c.ft.). Cement shall be measured by weight and in whole bags, and each undisturbed and sealed 50 kg. bag being considered equivalent to 35 litres (1.2 c.ft.) in volume care should be taken to see that each bag contains full quantity of cement. When part bag is required cement shall be taken by weight or measured in measuring boxes.

No other make of cement but that approved by the Architects will be allowed on works and the source of supply will not be changed without approval of Architect in writing.

Test certificates to show that cement is fully complying the specifications shall be submitted to the Architects and notwithstanding this, the Architect may at his discretion, order that the cement brought on site and which he may consider damaged or of doubtful quality for any reason whatsoever, shall be re-tested in an approved testing laboratory and fresh certificates of its soundness shall be produced.

Cement ordered for re-testing shall not be used for any work pending results of re-test. Cement shall be stored in weather-proof shed with raised wooden plank flooring to prevent deterioration by dampness or intrusion of foreign matter. It shall be stored in such a way as to allow the removal and use of cement in chronological order of receipt i.e., first received being used first used. Cement deteriorated and or clotted shall not be used on the work but shall be

removed at once from the site. However, allowing use of warehouse set cement shall be determined by the Architect.

b) River Sand:

River sand shall conform to IS: 383 and relevant portion of IS: 515. It shall pass through pass through a I.S. sieve 4.75 mm. (3/16 B.S.) test sieve, leaving a residue not more than 5%. It shall be from natural source i.e. only river or crushed stone screenings, if allowed, chemically clean, sharp, hard durable, well graded and free from dust, pebbles, clay, shale, salt, organic matter, loam, mica or other deleterious matter. The sum percentages of all deleterious substances to acceptable limits. River sand shall not contain any trace of salt and it shall be tested and river sand containing any trace of salt shall be rejected.

The fine aggregate i.e. river sand for concrete shall be graded within limits as specified in IS: 383 and the fineness Modules may range between 2.60 to 3.20.

The fine aggregate shall be stacked carefully on a clean hard dry surface so that it will not get mixed up with deleterious foreign materials. If such a surface is not available a platform of planks or corrugated iron sheets or brick floor or a thin layer of lean concrete shall be prepared.

c) Fine & Coarse Aggregate:

Shall consist of crushed or broken stone 95% of which shall be retained on 4.75 mm. IS tests sieve. It shall be obtained on crushing Granite, Quartzite, Trap, Basalt, or similar approved stones from approved quarry and shall conform to IS:383 and IS 515. Fine & Coarse aggregate shall be chemically inert when mixed with cement and shall be cubical in shape and be free soft, friable, thin, porous, laminated or flaky pieces. It shall be free from dust and any other foreign matter.

Gravel / Shingle of desired grading may be permitted as a substitute in part or full in plain cement concrete if the Architect is otherwise satisfied about the quality of aggregate. For all the R.C.C. works the size of coarse aggregate shall be 20 to 25 mm. and fine aggregate shall be 10 to 15 mm.

d) Reinforcement:

Reinforcement shall be of mild steel tested quality confirming to I.S.: 432-1966 and any other I.S. applicable or deformed bar confirming to IS:1786 and Is:1139 or hard drawn Fe 415 (Tor Steel) steel wire fabric confirming to IS:1566;1967.

All finished bars shall be free from cracks, surface flaws, laminations, jagged and imperfect edges.

e) Bricks:

Bricks shall generally comply with IS:1077 except in size which shall be classified as 1st and 2nd class.1st class bricks shall be the best quality locally available table moulded, well burnt but not over burnt, have plain rectangular faces with parallel sides and sharp right-angled edges have a fine compact and uniform texture. The bricks shall be free from cracks, chips, flaws, stones or subsequent to soaking in water. It shall emit a clear ringing sound on being struck and shall not absorb water more than 20% by weight.

Common building bricks shall have a compressive strength of 35 kg. / sqm unless otherwise specified for first class bricks.

f) Water:

Water for mixing cement / lime / surkhi mortar or concrete shall not be salty or brackish and shall be clean, reasonably clear and free from objectionable quantities of silt and traces of oil, acid and injurious alkali, salts, organic matter and other deleterious materials which will either weaken the mortar or concrete or cause effluence or attack the steel in reinforced cement concrete. Water shall be obtained from sources approved by the Architect. Potable water is generally considered satisfactory for mixing and curing concrete, mortar masonry, etc., where water other than main source is used this shall be tested in an approved testing laboratory to establish its suitability. All charges connected therewith shall be borne by the Contractor.

g) Timber:

Timber shall be well seasoned and of the best quality Indian Teak of specified species viz., Dandeli, Balarshah, Melabar, C.P. Timber shall be considered as well seasoned, if its moisture content does not exceed the following limits.

a) Timber for frames 14%

b) Timber for planking, shutters, etc. 12%

The moisture content of timber shall be determined according to method described in paragraphs 4 of IS:287 for Maximum permissible moisture content of timber used for different purpose in different climatic zones.

In measuring cross-sectional dimensions of the frame pieces tolerance up to 1.5 mm. shall be allowed for each planed surface.

h) Floor Tiles:

Designer pre-cast concrete tiles and interlocking paver block, plain cement tiles, chequered tiles, mosaic tiles terrazzo tile shall conform to IS:1237. For neutral shade tiles grey cement shall be used. Tiles shall be compacted by mechanical vibration and hydraulically pressed. It shall be of choice shade and shall have desired pattern of chip distribution. The sizes of chips to cement in terrazzo or mosaic floor shall be as specified in IS:1237. The size and thickness of tiles shall be as approved by the Architect.

i) Ceramic / Vitrified Tiles: Kajaria, H & R Johnson ,Somany, Nitco.

White or coloured glazed tiles shall comply with IS:777 or relevant or latest I.S. code. It shall be from an approved manufacturer and shall be flat and true to shape. They shall be free cracks, crazing, spots, chipped edges and corners. The glazing and colour shall be uniform shade and unless otherwise specified the tiles shall be 6 mm. thick.

j) Marbles:

Marble slabs for flooring, dado veneering etc., shall be of kind specified in the item such as white or pink, Makrana, Chittor black, Bhanslana black, Jaisalmer yellow, Baroda green, Patiala (Pepsu) grey, etc., Marble from which slabs are made shall be selected quality, hard, sound dense and homogenous in texture and free from cracks, weathering, decay and flaws. Before starting the work, the contractor shall get the sample of Marble slabs approved by the Architect. The slabs shall be machine cut and machine polished.

k) Granite:

Shall be of selected quality, hard, sound, dense, and of homogenous texture, free from cracks decay, weathering and flaws. Stone slabs shall be of uniform colour as approved by the Architect. They shall be machine cut and machine polished where specified and shall confirm

to the required size. Thickness shall be specified in the respective items.

D) Paints: Nerolac, Asian, Berger, Dulux.

Lime for lime wash, dry distemper, oil bound distemper cement primer, oil paint, enamel paint, flat oil paint, plastic emulsion paint, anti-corrosive primer, red lead, waterproof cement paint and exterior grade Acrylic Emulsion paint, Exterior Grade cement paint, sand-tex matt shall be from an approved manufacturer and shall conform to the latest Indian Standard for various paints. Ready mixed paints as received from the manufacturer without any admixture shall be used, except for addition of thinner, if recommended by the manufacturer.

Cement Mortar:

Cement mortar shall be of proportions specified for each type of work in the schedule. It shall be composed of Portland Cement and sand. The ingredients shall be accurately gauged by measure and shall well and evenly mixed together in a mechanical pan mixer, care being taken not to add more water than is required. No mortar that has begun to set shall be used. River sand shall be used unless otherwise specified.

If hand mixing is allowed, then it shall be done on pucca water-proof platform. The gauged materials shall be put on the platform and mixed dry. Water will then be added and the whole mixed again until it is homogenous and of uniform colour. Not more than one bag of cement shall be mixed at one time and which can be consumed within half an hour of its mixing.

Waterproofing Compound: Sunanda, Pidilite, Roff Chemicals, BASF, Dr. Fixit,

Note :

In connections with the I.S. Code numbers indicated under Section, Specification, Refer to the following I.S. Code numbers and the year and or otherwise latest modified I.S. Code Number.

- 1) Cement : I.S. 269 – 1976
- 2) Fine – Aggregate : I.S. 383 – 1970
- 3) Coarse – Aggregate : I.S. 515 – 1970
- 4) Reinforcement : I.S. 432 – 1966 Fe 415
I.S. 1786 – 1966 (Tor Steel)
I.S. 1139 – 1966
- 5) Bricks : I.S. 1077 – 1970
- 6) Floor Tiles : I.S. 1237 – 1980
- 7) Ceramic / Vitrified Tiles : I.S. 777 – 1970
- 8) R.C.C. design mix M-25 : I.S. 456 – 20

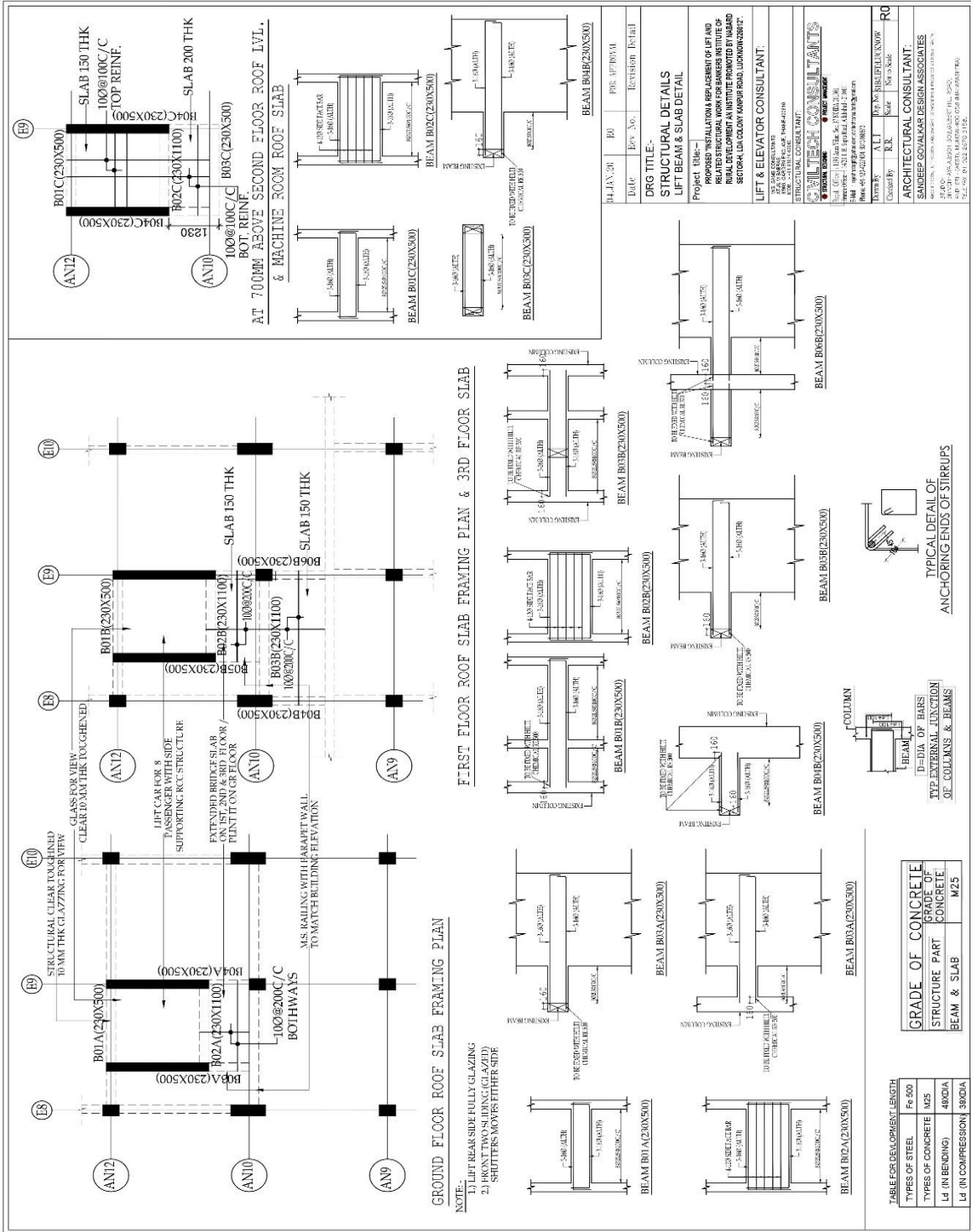
NB. 1) The contractor should obtain prior approval from Employer / Consultants before placing order for any specific materials. Employer may / delete any of the makes or brands out of the above list.

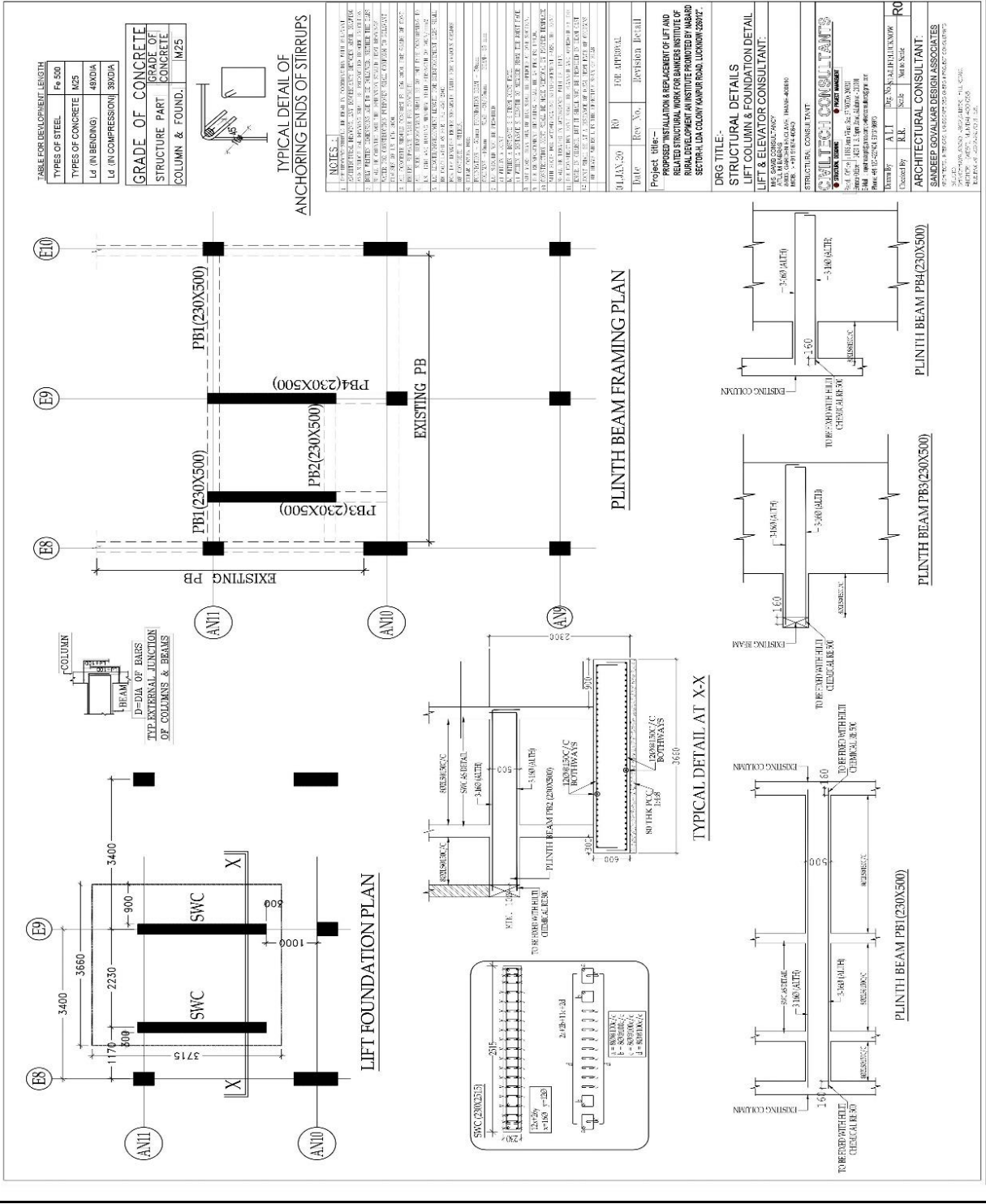
2). All materials should conform to relevant standards and codes of BIS.

3) Materials with I.S.I. mark shall be used duly approved by the Engineer / Architect.

Note: - If any material is found to be not up to the mark, the contractor will have to produce original bills/certificate from the manufacturer or his authorized Distributor for authenticity and genuineness of the material for consideration and as per makes approved by the BIRD. The same will not be considered for payment.

CIVIL AND STRUCTURAL DRAWING OF LIFT





Seal & Sign of Contractor

PART-II

FINANCIAL BID

(To be submitted in a SEPARATE SEALED envelope superscribed as "FINANCIAL BID")

PREAMBLE

- 1) The bill of quantity is in two parts i.e. Part -A and Part -B for civil works related to two different lifts.
- 2) It should be noted that BIRD reserves the right to execute any or none of the above-mentioned parts of BoQ's.

BILL OF QUANTITY FOR CIVIL & STRUCTURAL WORKS FOR LIFTS
AT BIRD, LUCKNOW
PART -A (FOR LIFT NO. 1)

PART – 1

Bill of Quantities: (Structural Civil & related allied works for Installation of Lift # 1)

| Sr.No. | Description of Item | Quantity | Unit | Unit Rate (Excluding GST) | Total (Excluding GST) |
|--|--|----------|------|---------------------------------|-----------------------------|
| Sub-Head: Dismantling and Demolishing | | | | | |
| 1 | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 meters lead as per direction of Architect / Engineer - in - charge. | | | | |
| a) | Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) | 0.50 | Cum | | |
| 2 | Demolishing R.C.C. work including old lift machine foundation manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 meters lead as per direction of Architect / Engineer - in- charge. | 3.02 | Cum | | |
| 3 | Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross-sectional area of R.C.C. or R.B. work) as per direction of Architect / Engineer in-charge. | 1.00 | Sqm | | |
| 4 | Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge. | 5.00 | Cum | | |
| 5 | Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Architect / Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved. | 5.50 | Cum | | |
| TOTAL Rs. | | | | | |

| Sub-Head: SCAFFOLDING & NYLON DOUBLE SAFETY NET | | | | | |
|--|---|-------|-----|--|--|
| 1 | PROVIDING AND ERECTING SCAFFOLDING IN "H" FRAME Providing and Erecting scaffolding in "H" type steel frame as temporary structure for support / access or working platform to reach the upper floor level from external, internal & lift shaft side of the building. The framework should be tightly fixed so that it should be without risk of Safety. The rate is inclusive of providing and fixing of hessian cloth from outside. Contractor should remove the scaffolding after the completion of all related works. Complete the work as per site requirement and as per instruction of Architect / Engineer. (Note: Payment Will be made only once for the scaffolding) Length x Height | 48.00 | Sqm | | |
| TOTAL Rs. | | | | | |
| Sub-Head: Reinforced Cement Concrete | | | | | |
| 1 | Reinforced cement concrete work in beams, suspended floors, lift machine room foundation & lift pit re buffer stand & pedestal, roofs (Roofs may have a slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size). All work up to floor 5 levels. | 9.50 | Cum | | |
| TOTAL Rs. | | | | | |
| Sub-Head: Brick Work | | | | | |
| 1 | Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in foundation and plinth in: | | | | |
| a) | Cement mortar 1:4 (1 cement: 4 coarse sand) | 0.50 | Cum | | |
| 2 | Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in: | | | | |

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|---------------------------------|--|-----|-----|--|--|
| a) | Cement mortar 1:6 (1 cement: 6 coarse sand) | 1.0 | Cum | | |
| TOTAL Rs. | | | | | |
| Sub-Head: Water Proofing | | | | | |
| 1 | Providing and laying integral cement-based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: | | | | |
| | a) Applying a slurry coat of neat cement using 2.75 kg/sqm. of cement admixed with water proofing compound conforming to IS. 2645 and approved by Architect / Eng.-in-charge over the RCC slab including adjoining walls up to 300 mm height including cleaning the surface before treatment. | | | | |
| | b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Architect / Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with waterproofing compound conforming to IS : 2645 and approved by Architect / Engineer-in-charge to required slope and treating similarly the adjoining walls up to 300 mm height including rounding of junctions of walls and slabs | | | | |
| | c) After two days of proper curing applying a second coat of cement slurry using 2.75kg/ sqm of cement admixed with water proofing compound conforming to IS: 2645 and approved by Architect / Engineer-in-charge. | | | | |
| | d) Finishing the surface with 20 mm thick joint less cement mortar of mix1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Architect / Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3mm deep. | | | | |

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| | e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Architect / Engineer-in-Charge: | | | | |
| a) | With average thickness of 120mm and minimum thickness at khurra as 65 mm. | 4.00 | Sqm | | |
| TOTAL Rs. | | | | | |
| Sub-Head: Granite Work | | | | | |
| 1 | Providing and fixing 18mm thick gang saw cut mirror polished premoulded and prepolished, machine cut Granite for walls and floor and similar locations of required size, approved pattern & shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish & required cut outs for switch boxes or lift panels etc. complete at all levels. (Wall cladding & floor) (Basic cost of granite-Rs.1800/- sqm) | 7.25 | Sqm | | |
| 2 | Providing edge moulding to 18mm thick granite including machine polishing to edge to give high gloss finish etc. complete as per design approved by Architect / Engineer-in-Charge. (Basic cost of granite-Rs.1800/- sqm) | | | | |
| a) | Granite work. | 20.00 | metre | | |
| TOTAL Rs. | | | | | |
| Sub-Head: Finishing | | | | | |
| 1 | 15 mm thick waterproof cement plaster on the rough side / Even Side of single or half brick wall of mix & lift pit walls: | | | | |
| a) | 1:4 (1 cement: 4 fine sand) | 4.00 | Sqm | | |
| 2 | Finishing walls with approved waterproof Exterior Grade cement paint of required | | | | |

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| | shade (100% acrylic emulsion): (For Lift Shaft & Lift Machine Room) | | | | |
| a) | New work (Two or more coats applied @ 3.84 kg/10 sqm) and one base coat. | 140.00 | Sqm | | |
| b) | Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand or manufacture | 2.00 | Sqm | | |
| 3 | Applying priming coat: | | | | |
| a) | With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanized iron/steel works | 2.00 | Sqm | | |
| b) | With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel work (second coat) | 2.00 | Sqm | | |
| TOTAL Rs. | | | | | |
| | | | | | |
| Sub-Head: Repairs to Buildings | | | | | |
| 1 | Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground , all complete as per directions of Architect / Engineer-In-Charge. | | | | |
| a) | With cement mortar 1:4 (1 cement: 4 fine sand). | 5.00 | Sqm | | |
| | | | | | |
| 1 | Providing and fixing aluminium work for Fixed/ openable windows with extruded built up standard tubular sections/appropriate heavy duty Z sections (series- D 25mm) and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, Anodised, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / | 2.00 | Sqm | | |

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| | panelling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Architect / Engineer-in-charge. The Glazing in fixed window panels shall be done with 5mm thick clear/frosted glass. For Lift Machine Room Windows) | | | | |
| TOTAL Rs. | | | | | |
| | Sub- Head: Miscellaneous | | | | |
| | Lift machine room old pocket hole filling with the cement mortar and new pocket hole cutting with PVC pipe fixing & finish with turf grouting as per direction of architect/engineer in charge. | 1.00 | Nos | | |
| TOTAL Rs. | | | | | |
| TOTAL AMOUNT Rs. | | | | | |
| TOTAL PROJECT COST OF CIVIL WORKS Rs. | | | | | |

Note: Rates should be inclusive of GST & all other taxes.

SEAL & SIGN OF CONTRACTOR

I have read the tender document carefully before quoting the rates.

Signature, Stamp and Address of the Firm

Date:

Place:

PART -B (FOR LIFT NO.2)

| PART – II | | | | | |
|--|--|----------|-------|---------------------------------|-----------------------------|
| Sr.No. | Description of Item | Quantity | Unit | Unit Rate (Excluding GST) | Total (Excluding GST) |
| Sub-Head: Dismantling and Demolishing | | | | | |
| 1 | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 meters lead as per direction of Architect / Engineer - in - charge. | | | | |
| a) | Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) | 4.50 | Cum | | |
| 2 | Demolishing R.C.C. work including old lift machine foundation manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 meters lead as per direction of Architect / Engineer - in- charge. | 2.50 | Cum | | |
| 3 | Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross-sectional area of R.C.C. or R.B. work) as per direction of Architect / Engineer in-charge. | 4.00 | Sqm | | |
| 4 | Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge. | | | | |
| a) | In cement mortar | 5.00 | Cum | | |
| 5 | Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. | 60.00 | Sqm | | |
| 6 | Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Architect / Engineer-in-charge: | | | | |
| a) | 15 mm to 40 mm nominal bore | 10.00 | Metre | | |

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|--|---|-------|-------|--|--|
| 7 | Dismantling C.I. pipes including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes & lead at site within 50 metre lead as per direction of Architect / Engineer-in-charge: | | | | |
| a) | Up to 150 mm diameter | 10.00 | Metre | | |
| 8 | Dismantling of road gully chamber of various sizes including C.I. grating with frame including stacking of useful materials near the site and disposal of unserviceable materials within 50metres lead including refilling the excavated gap. | 3.00 | No. | | |
| 9 | Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Architect / Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved. | 16.00 | Cum | | |
| TOTAL Rs. | | | | | |
| Sub-Head: SCAFFOLDING & NYLON DOUBLE SAFETY NET | | | | | |
| 1 | PROVIDING AND ERECTING SCAFFOLDING IN "H" FRAME Providing and Erecting scaffolding in "H" type steel frame as temporary structure for support / access or working platform to reach the upper floor level from external, internal & lift shaft side of the building. The framework should be tightly fixed so that it should be without risk of Safety. The rate is inclusive of providing and fixing of hessian cloth from outside. Contractor should remove the scaffolding after the completion of all related works. Complete the work as per site requirement and as per instruction of Architect / Engineer. (Note: Payment Will be made only once for the scaffolding) Length x Height | 58.40 | Sqm | | |

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|--------------------------------|---|--------|-----|--|--|
| 2 | FIXING OF NYLON DOUBLE SAFETY NET Providing and Erecting temporary protective safety net of NYLON with all necessary fixing arrangement i.e. Anchor fastener to ensure that it remain in roper position till the work completed. complete the work as per site requirement and instructions of Architect / Engineer. | 250.00 | Sqm | | |
| TOTAL Rs. | | | | | |
| Sub-Head: Earth Work | | | | | |
| 1 | Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. | | | | |
| a) | All kinds of soil. | 48.75 | Cum | | |
| 2 | Close timbering in case of shafts, wells, cesspits, manholes and the like including strutting, shoring and packing cavities (wherever required) etc. complete. (Measurements to be taken of the face area timbered). | | | | |
| a) | Depth not exceeding 1.5 m. | 48.00 | Sqm | | |
| b) | Depth exceeding 1.5 m but not exceeding 3 m. | 17.03 | Sqm | | |
| 3 | Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m. | 39.00 | Cum | | |
| TOTAL Rs. | | | | | |
| Sub-Head: Concrete Work | | | | | |

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|---|--|-------|-----|--|--|
| 1 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: | | | | |
| a) | 1:3:6 (1 Cement: 3 coarse sand(zone-III): 6 graded stone aggregate 40 mm nominal size). | 2.64 | Cum | | |
| 2 | Centering and shuttering including strutting, propping etc. and removal of form work for: | | | | |
| a) | Foundations, footings, bases for columns. | 2.46 | Sqm | | |
| TOTAL Rs. | | | | | |
| Sub-Head: Reinforced Cement Concrete | | | | | |
| 1 | Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level: | | | | |
| a) | 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size). | 11.36 | Cum | | |
| 2 | Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: | | | | |
| a) | 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size) | 20.90 | Cum | | |
| 3 | Reinforced cement concrete work in beams, suspended floors, lift machine room foundation & lift pit, RCC buffer stand & pedestal, roofs (Roofs may have a slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with | 10.00 | Cum | | |

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|----|---|---------|-----|--|--|
| | 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size). All work up to floor 5 levels. | | | | |
| 4 | Centering and shuttering including strutting, propping etc. and removal of form for: | | | | |
| a) | Foundations, footings, bases of columns, etc. for mass concrete. | 10.00 | Sqm | | |
| b) | Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc. | 242.00 | Sqm | | |
| c) | Suspended floors, roofs, landings, balconies and access platform. AT 15.0M LVL ABOVE GROUND | 9.00 | Sqm | | |
| d) | Lintels, beams, plinth beams, girders, bressumers and cantilevers slabs. (UPTO FLOOR FIVE LEVELS). | 100.00 | Sqm | | |
| 5 | Extra for additional height in centering, shuttering wherever required with adequate bracing, propping etc. including cost of de-shuttering and decentring at all levels, over a height of 3.5 m, for every additional height of 1 metre or part thereof (Plan area to be measured) | | | | |
| a) | Suspended floors, roofs, landing, beams and balconies (Plan area to be measured). | 108.00 | Sqm | | |
| 6 | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level. | | | | |
| a) | Thermo-Mechanically Treated bars of grade Fe-500 D or more. | 7600.00 | Kg | | |
| 7 | Providing and fixing of expansion joint system related with floor location as per drawings and direction of Architect / Engineer-In-Charge. The joints system will be of extruded aluminium base members, self-aligning / self-centering arrangement and support plates etc. as per ASTM B221-02. The system shall be such that it provides floor to floor /floor to wall expansion control system for various vertical location in load application areas that accommodates multi directional seismic movement without stress to its components. System shall consist of metal profiles with a universal aluminium base member designed to accommodate | | | | |

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|----|--|------|---|--|--|
| | various project conditions and finish floor treatments. | | | | |
| | The cover plate shall be designed of width and thickness required to satisfy projects movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self-centering arrangement that freely rotates / moves in all directions. The Self – centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminium extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. Provision of Moisture Barrier Membrane in the Joint System to have watertight joint is mandatory requirement all as per the manufactures design and as approved by Architect / Engineer -in-Charge. (Material shall confirm to ASTM 6063.) | | | | |
| a) | Floor Joint of 100 mm gap | 7.50 | m | | |
| 8 | Providing and fixing of expansion joint system of approved make and manufactures for various roof locations as per approved drawings and direction of Architect / Engineer-In-Charge. The joints shall be of extruded aluminium base members with, self-aligning and self-centering arrangement support plates as per ASTM B221-02. The system shall be such that it provides watertight roof to roof/roof to corner joint cover expansion control system that is capable of accommodating multidirectional seismic movement without stress to its components. System shall consist of metal profile that incorporates a universal aluminium base member designed to accommodate various project conditions and roof treatments. The cover plate shall be designed of width and thickness required to satisfy movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self-centering arrangement that freely rotates / moves in all directions. The Self centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminium extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. The Joint System shall resist | | | | |

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| | damage or deterioration from the impact of falling ice, exposure to UV, airborne contaminants and occasional foot traffic from maintenance personnel. Provision of Moisture Barrier Membrane in the Joint System to have watertight joint is mandatory requirement. (Material shall confirm to ASTM 6063) | | | | |
| a) | Roof Joint of 100 mm gap | 2.50 | m | | |
| TOTAL Rs. | | | | | |
| Sub-Head: Brick Work | | | | | |
| 1 | Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in foundation and plinth in: | | | | |
| a) | Cement mortar 1:4 (1 cement: 4 coarse sand) | 4.50 | Cum | | |
| 2 | Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in: | | | | |
| a) | Cement mortar 1:6 (1 cement: 6 coarse sand) | 9.00 | Cum | | |
| TOTAL Rs. | | | | | |
| Sub-Head: Steel Work | | | | | |
| 1 | Providing and fixing handrail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer as per details given by Architect. | | | | |
| a) | M.S. tube/Pipe & Square bars including providing & fixing etc. (of Required size & Diameters as per design) | 400.00 | Kg | | |
| TOTAL Rs. | | | | | |
| Sub-Head: DRAINAGE work (including PCC & Laying S.W. Pipes) | | | | | |
| 1 | Providing and laying cement concrete 1:5:10 (1 cement: 5 coarse sand: 10 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes including bed concrete as per standard design: | | | | |
| a) | laying 150 mm diameter S.W. pipe Including cement concrete as per details given by Architect / Consultant. | 5.00 | Rm | | |

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| 2 | Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with watertight C.I. cover with frame of 300x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design: | | | | |
| a) | 100x100 mm size P type | | | | |
| (i) | With common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 | 1.00 | No. | | |
| 3 | Dismantling of old S.W. pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50 m lead and disposal of unserviceable materials into municipal dumps: | | | | |
| a) | 150 mm diameter | 5.00 | m | | |
| 4 | Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : | | | | |
| a) | Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg): | | | | |
| (i) | With common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 | 1.00 | No. | | |
| TOTAL Rs. | | | | | |
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| Sub-Head: Water Proofing (with 5 years Performance Guarantee) | | | | | |
|--|--|------|---|--|--|
| 1 | Providing and Placing in position suitable PVC water stops conforming to IS:12200 for construction/ expansion joints between two RCC members and fixed to the reinforcement with binding wire before pouring concrete etc. complete | | | | |
| a) | Serrated with central bulb (225mm wide, 8-11mm thick). | 3.00 | m | | |
| 2 | Providing and laying integral cement-based water proofing treatment including preparation of surface as required for treatment of roofs, lift pits, balconies, terraces etc. consisting of following operations: | | | | |
| | a) Applying a slurry coat of neat cement using 2.75 kg/sqm. of cement admixed with water proofing compound conforming to IS. 2645 and approved by Architect / Eng.-in-charge over the RCC slab including adjoining walls up to 300 mm height including cleaning the surface before treatment. | | | | |
| | b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Architect / Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with waterproofing compound conforming to IS : 2645 and approved by Architect / Engineer-in-charge to required slope and treating similarly the adjoining walls up to 300 mm height including rounding of junctions of walls and slabs | | | | |
| | c) After two days of proper curing applying a second coat of cement slurry using 2.75kg/ sqm of cement admixed with water proofing compound conforming to IS: 2645 and approved by Architect / Engineer-in-charge. | | | | |

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|-------------------------------|--|-------|-------|--|--|
| | d)Finishing the surface with 20 mm thick joint less cement mortar of mix1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Architect / Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3mm deep. | | | | |
| | e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Architect / Engineer-in-Charge. | | | | |
| a) | With average thickness of 120mm and minimum thickness at khurra as 65 mm. | 18.00 | Sqm | | |
| TOTAL Rs. | | | | | |
| Sub-Head: Granite Work | | | | | |
| 1 | Providing and fixing 18mm thick gang saw cut mirror polished premoulded and prepolished, machine cut Granite for walls and floor and similar locations of required size, approved pattern & shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish & required cut outs for switch boxes or lift panels etc. complete at all levels. (Wall cladding & floor) (Basic cost of granite- Rs.1800/- sqm) | 57.75 | Sqm | | |
| 2 | Providing edge moulding to 18mm thick granite including machine polishing to edge to give high gloss finish etc. complete as per design approved by Architect / Engineer-in-Charge. (Basic cost of granite- Rs.1800/- sqm) | | | | |
| a) | Granite work. | 20.00 | metre | | |
| TOTAL Rs. | | | | | |

| Sub-Head: Flooring | | | | | |
|----------------------------|--|--------|-----|--|--|
| 3 | 40 mm thick marble chips flooring, rubbed and polished to granolithic finish, under layer 28 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) and top layer 12 mm thick with white, black, chocolate, grey yellow or green marble chips of sizes from 7 mm to 10 mm nominal size, laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 2:3 (2 cement marble powder mix : 3 marble chips) by volume, including cement slurry etc. complete : | | | | |
| a) | Light/Dark shade pigment with white cement. | 10.00 | Sqm | | |
| TOTAL Rs. | | | | | |
| Sub-Head: Finishing | | | | | |
| 1 | 15 mm Thk waterproof cement plaster on the rough side / Even Side of single or half brick wall of mix & lift pit walls etc. | | | | |
| a) | 1:4 (1 cement: 4 fine sand) | 109.00 | Sqm | | |
| 2 | Finishing walls with Approved make waterproof Exterior Grade cement paint of required shade: (For Lift Machine room & Lift Shaft) | | | | |
| a) | New work (Two or more coats applied @ 3.84 kg/10 sqm) and one base coat. | 256.00 | Sqm | | |
| b) | Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand or manufacture | 28.00 | Sqm | | |
| 3 | Applying priming coat: | | | | |
| a) | With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanized iron/steel works | 28.00 | Sqm | | |
| b) | With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel work (second coat) | 28.00 | Sqm | | |

| | | | | | |
|---------------------------------------|---|--------|-----|--|--|
| 4 | Washed stone grit plaster on exterior walls of height up to 10 metre above ground level, in two layers, under layer 12mm cement plaster 1:4 (1cement: 4 coarse sand), furrowing the under layer with scratching tool, applying cement slurry on the under layer @ 2 Kg of cement per square metre, top layer 15mm cement plaster 1:1/2:2 (1 cement: 1/2 coarse sand :2 stone chipping 10mm nominal size), in panels with groove all around as per approved pattern, including scrubbing and washing the top layer with brushes and water to expose the stone chippings, complete as per specification and direction of Architect /Engineer-in- charge (Payment for providing grooves shall be made separately). | 100.00 | Sqm | | |
| 5 | Forming groove of uniform size in the top layer of washed stone grit plaster as per approved pattern using wooden battens, nailed to the under layer, including removal of wooden battens, repair to the edges of panels and finishing the groove complete as per specifications and direction of the Architect /Engineer-in-charge : | | | | |
| a) | 20 mm wide and 15 mm deep groove | 100.00 | m | | |
| 6 | Extra for washed grit plaster on exterior walls of height more than 10m from ground level for every additional height of 3 m or part thereof. | 100.00 | Sqm | | |
| TOTAL Rs. | | | | | |
| Sub-Head: Repairs to Buildings | | | | | |
| 1 | Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.50 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground , all complete as per directions of Architect / Engineer-In-Charge. | | | | |
| a) | With cement mortar 1:4 (1 cement: 4 fine sand). | 45.00 | Sqm | | |
| TOTAL Rs. | | | | | |

| | | | | | |
|--|--|-------|-----|--|--|
| 2 | Providing and fixing aluminium work for Fixed/ openable windows with extruded built up standard tubular sections/appropriate heavy duty Z sections (series- D 25mm) and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, Anodized, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Architect / Engineer-in-charge. The Glazing in fixed window panels shall be done with 10mm thick 100% clear toughened glass. (For Fixed Glass Panels of Lift Shaft) | 28.00 | Sqm | | |
| TOTAL Rs. | | | | | |
| | | | | | |
| | Sub- Head: Miscellaneous | | | | |
| 1 | Lift machine room old pocket hole filling with the cement mortar and new pocket hole cutting with PVC pipe fixing & finish with turf grouting as per direction of architect/engineer in charge. | 1.00 | Nos | | |
| TOTAL Rs. | | | | | |
| TOTAL AMOUNT Rs. | | | | | |
| TOTAL PROJECT COST OF CIVIL WORKS Rs. | | | | | |
| SEAL & SIGN OF CONTRACTOR | | | | | |

Note: - Rate should be inclusive of GST & all other taxes.

I have read the tender document carefully before quoting the rates.

Signature, Stamp and Address of the Firm

Date:

Place: