TABLE OF CONTENTS

1. NOTICE INVITING TENDER
2. ITEM RATE TENDER FORM FOR WORKS
3. INSTRUCTION TO TENDERS
4. OFFER LETTER FROM TENDERER TO CLIENT
5. GENERAL CONDITIONS OF CONTRACT
6. SAFETY CODE
7. APPENDIX TO GENERAL CONDITIONS OF CONTRACT
8. SPECIAL CONDITIONS OF CONTRACT
9. NOTES ON SCHEDULE OF QUANTITIES
1. This notice shall form part of the contents of Articles of Agreement

(As per the Board Draft) of the Indian Academy of Sciences

Rs 1,00,000/- (Rupees One Million)

7. Date of opening tender:

Bengaluru,
Indian Academy of Sciences,
22 Sep 2021 at 11:00 a.m.

Bengaluru,
Indian Academy of Sciences,
21 Sep 2021 before 12:00 noon at

Bengaluru – 560080
C V Raman Avenue,
In the presence of the
From 07 Sep 2021 to 21 Sep 2021
90 days from the date of opening.

2. Period of work order.

3. Cost of the project

4. Validity of tender

5. Period of issue of tender

6. Date of receipt of tender

7. Date of opening tender

8. Cost of Application (Even if downloaded)

9. The Executive Secretary, Indian Academy of Sciences, Bengaluru reserves the right to accept or reject any tender without assigning any reasons therefor.

10. END

II. 3.4 Lakhs (approx.)

30 working days

II. 2.6 Lakhs (approx.)

20 Working days

1. Fixed Item Rate Tenders are invited for the execution of the following work:

NOTICE INVITING LIMITED TENDER

INDIAN ACADEMY OF SCIENCES

BENGALURU – 560080

P.B No. 8005, C.V. Raman Avenue, Bengaluru – 560 080, INDIA

INR

INR

INR

INR

INR
I/We hereby tender for the Indian Academy of Sciences, C. V. Raman Avenue, Sadashiv nagar, Bangalore - 80, the works specified in the enclosed Memorandum to undertake and execute the work within the time specified in such Memorandum, at the rates specified therein, and in accordance with the specification in all respects, designs, drawings and written instructions which have been read by me/us, read and explained to me/us and with such materials as provided for and in all respects in accordance with conditions as far as possible.

MEMORANDUM

First Floor Civil works for Indian Academy of Sciences, Bangalore.

General Description

First Floor Civil works for Indian Academy of Sciences, Bangalore.

Security Deposit

5% of the running account bills and the Final bill including the Earnest money deposit

Time allowed for completion of work

30 working days

Order to commence the work

Bill of Quantities

Specifications

Enclosed

According to the enclosed specifications and where ever items are not covered by those specifications, the specifications in accordance with the Specifications/drawings/requirements of the Architect/engineer-in-charge.

Should this tender be accepted, I/We hereby agree to abide by and fulfill the terms and conditions of the Articles of Agreement which have been read by me/us or in default thereof to forego and play to the Executive Secretary, Indian Academy of Sciences, Bangalore - 80, or his successors the sum of monies mentioned in the said conditions.

Dated this day of 2021

Signature of Tenderer

Address:

Witness of tenderer's Signature:

Name: Address:

Occupation:

The above tender is hereby accepted by me on behalf of Indian Academy of Sciences, Bangalore.
INSTRUCTIONS TO TENDERS

1. The completed Tender documents including the ORIGINAL and duplicate copies of BILL OF QUANTITIES should be submitted to the Executive Secretary at the address given in the Tender Notice. The tender document should be sealed in an envelope super scribed "Tender for the work of PROPOSED CIVIL WORKS FOR FIRST FLOOR AT INDIAN ACADEMY OF SCIENCES, BENGALURU" and addressed to the Executive Secretary. The tenderer's name and address should also be put on the envelope.

2. Last date for receipt of tenders: As stated in the tender notice.

3. Tenders should ensure that their tenders are received before the date and time specified above.

4. Contractors are requested to put their final endorsement on each page of the tender documents as a token of acceptance.

5. Contractors should fill in all the relevant blanks and put their signature in the relevant places indicated in the documents.

6. The Schedule of Quantities should be filled as follows:
   a. The "Rate" column to be filled in by figures and words.
   b. The "Cost" column to be filled in by figures only.
   c. All corrections to be initiated.

7. No alterations or additions are to be made by the Contractors in the tender document. Violation of this instruction will attract rejection of the tender at the discretion of the Architect/Consultants/Academy.

8. Earnest money accompanying the tender will be accepted only in the form of Crossed Demand Draft on any of the nationalised Banks in Bangalore drawn in favour of Indian Academy of Sciences and payable at Bangalore and not in favour of any other authority. Any tender which is not accompanied by Earnest Money Deposit in the form of DD shall be summarily rejected.

9. Earnest Money shall be opened at the specified time in the presence of the tenderer's or their accredited representatives.

10. The Contractor is required to check the numbers of the pages and should any page be found missing or in duplicate, or the figures or writing indistinct, he must inform the Architect at once and have the same rectified. Should the Contractor be in doubt about the precise meaning of any provision, he must inform the Architect/Academy before the prebid meeting. No claim will be allowed in respect of errors in the Contractor's tender due to any mistake in the Schedule of Quantities, which should have been but was not rectified in the manner described above.
ARCHITECT/CONSULTANT

[Document content appears to be a continuation of the previous page, discussing contract conditions and requirements. The text is partially visible and includes terms like "Academy," "Contracts are required to note that non-compliance of the above instructions is liable to render their tender non-bondable.

1.5. Contracts are required to note that non-compliance of the above instructions is liable to render their tender non-bondable.

Explanations Whichever:

1.4. The Academy reserves the right to accept any tender or accept tenders in part or to reject any tender.

90 days from the date of the opening of tenders. Tenders of unsuccessful tenderers will be refunded without interest.

1.3. Tenders should note that tenderers should remain open for consideration for a minimum period of

1.2. The case of the successful tenderer only.

1.1. The award of the contract should not be final. This will be done at the time the contract is awarded, in
CONTRACTOR,

Name of the Partner of the Firm

Your faithfully,

An amount should be mentioned.

Certified true copy of the Power of

Agent to sign the Contract

OR

Name of the person having Power of

Dear Sir,

Name of work: Proposed civil works for first floor at Indian Academy of Sciences, Bengaluru

Offer Letter from the Tenderers to the Client

INDIAN ACADEMY OF SCIENCES

P.B No. 8005, C. Ramann Avenue, Bengaluru - 560 001, INDIA

Tel: 080 22910700-01 Fax: 080 22910709 Email: office@iias.res.in Website: www.iias.res.in

Page 1 of 2

INFORMATION ON REQUEST

GUARD"
in (i) The Works shall mean the work or works to be executed or done under this contract and shall

be construed as including materials, appliances, implements, plant, machinery and other things for incorporation in the

work when it is required for purposes of the work, however the Employer may be liable to give decision

thereon.

The contract shall in whole or in part constitute a Division Schedule and drawings hereinafter referred to shall be executed in whole or in part according to the written instructions of the employer or his authorized person and the employer shall be entitled to require such
drawing or Divisions of the works or whole or part thereof for whatever necessary.

All drawing or Divisions thereof or any part thereof shall be executed in whole or in part or any detail thereof as the owner shall require in writing.

(i) "Division" means the drawings referred to in the specification and any modification of such drawings.

(ii) "Schedule" means the Great Sixt stroke without any abbreviation or accent.

(iii) "This" shall mean the Great Sixt stroke without any abbreviation or accent.

(i) Contactor: The term "Contactor" or "Bower" means the person, firm or body of persons selected as Contractor and responsible for the performance of the contract and approved by the architect.

(ii) Engineer: The term "Engineer" shall mean an engineer authorized in writing by the architect to act as Engineer.

(iii) Architect: The term "Architect" shall mean an architect appointed by the architect or architect selected as Architect.

(iv) Employer or Academy: The term "Employor" or "Academy" shall mean Academic Institute or body of persons.

(v) Scriber: The term "Scriber" shall mean the person or body of persons employed or engaged by the employer to execute or perform any work or any part thereof as hereinbefore-defined.

(vi) General Conditions of Contract.
The issue of modification of the design quality or quantity of works or the addition of commission

Employee's instructions in respect of:

- Employers' directions and explanations, which are heather collectively referred to as.
- Employers'/Architect's, Consultants', and to architects and engineers such deal with the
- Employers'/Architect's, Consultants', and to architects and engineers shall continue to

will be acceptable and ready for use.

Employers'/Architect's, Consultants', and to architects and engineers shall continue to

should any doubt essential for certain completion of the work be emitted from the drawings and

approved and changed on the drawings produced by the Employers'/Architect's, Consultants',

and approved and changed on the drawings produced by the Employers'/Architect's, Consultants',

are his or her responsibility. All work shall continue to

and approved and changed on the drawings produced by the Employers'/Architect's, Consultants',

and approved and changed on the drawings produced by the Employers'/Architect's, Consultants',

the drawings and specification, the detail drawing, and the

The work consists of four principal civil works, Indian Academy of Sciences, Bangalore, in accordance with

Company with a minimum of 5 years experience in the field.

notified by the Ministry of Urban Development or a class I/II provided registered individual firm

or in provincial insolvency act or any amending act,

or in provincial insolvency act or any amending act,

of quantities or specified and coming part of this contract.

of quantities or specified and coming part of this contract.

The Schedule of Quantities or Fixed Schedule of Quantities shall mean the schedule (or bill)

the Schedule of Quantities or Fixed Schedule of Quantities shall mean the schedule (or bill)

materials of any kind, duty, or excise at the time of execution of work

materials of any kind, duty, or excise at the time of execution of work

Making rate means the rate prevailing in the market and recommended by the Engineer and

Making rate means the rate prevailing in the market and recommended by the Engineer and

"approved" means approved in writing including substitution with permission of previous

"approved" means approved in writing including substitution with permission of previous

where such a specification is not available, the specification approved by the Architect and the

where such a specification is not available, the specification approved by the Architect and the

complementary to one another

the other. All those documents together shall be deemed to form one contract and shall be

the other. All those documents together shall be deemed to form one contract and shall be

"Contract" means the contract effected by the contractors under the Employers', and the

"Contract" means the contract effected by the contractors under the Employers',
The tenderer reserves the right to reject the lowest or any tender and also to disqualify any of the papers.

The opening of the tenders must be done in the following manner at the original tender.

TENDERS

Tender shall be submitted in the instructive form.

All necessary conditions should be fulfilled before the tenderer for the execution of the work. The conditions of the work are in accordance with the same.

The tenderer should be made aware of the conditions of the work. The tenderer should be made aware of the conditions of the work.

4. TENDERER SHALL VISIT THE SITE

Tender shall be made to accept the conditions of the work. Only products meeting the conditions shall be accepted. Only products meeting the conditions shall be accepted.

Regarding all tenderers and tenderers, only products meeting the conditions shall be accepted.

Accounting all tenderers and tenderers, only products meeting the conditions shall be accepted.

The conditions of the work are in accordance with the original tender. The conditions of the work are in accordance with the original tender.

The conditions of the work are in accordance with the original tender. The conditions of the work are in accordance with the original tender.
9. TAXES AND DUTIES

The Contractor must include in their tender price quoted for all duties, levies, tolls and any other costs or duties of any kind which may be applicable.

8. GOVERNMENT AND LOCAL RULES

The Contractor shall prepare and submit to the employer a price sheet for all changes required by the employer, and shall obtain all necessary permits and licenses, and shall ensure that the work complies with all government and local rules and regulations.

7. PERMITS AND LICENSES

The Contractor may be required to obtain all necessary permits and licenses, and shall comply with all government and local rules and regulations.

6. AGREEMENT

The Contractor shall agree to the terms and conditions of the contract.

5. CONTENTS

The Contractor shall submit the contents of the contract to the employer for approval.

4. TAXES AND DUTIES

The Contractor shall prepare and submit to the employer a price sheet for all changes required by the employer, and shall obtain all necessary permits and licenses, and shall ensure that the work complies with all government and local rules and regulations.

3. PERMITS AND LICENSES

The Contractor may be required to obtain all necessary permits and licenses, and shall comply with all government and local rules and regulations.

2. AGREEMENT

The Contractor shall agree to the terms and conditions of the contract.

1. CONTENTS

The Contractor shall submit the contents of the contract to the employer for approval.

8. GOVERNMENT AND LOCAL RULES

The Contractor shall prepare and submit to the employer a price sheet for all changes required by the employer, and shall obtain all necessary permits and licenses, and shall ensure that the work complies with all government and local rules and regulations.

7. PERMITS AND LICENSES

The Contractor may be required to obtain all necessary permits and licenses, and shall comply with all government and local rules and regulations.

6. AGREEMENT

The Contractor shall agree to the terms and conditions of the contract.

5. CONTENTS

The Contractor shall submit the contents of the contract to the employer for approval.

4. TAXES AND DUTIES

The Contractor shall prepare and submit to the employer a price sheet for all changes required by the employer, and shall obtain all necessary permits and licenses, and shall ensure that the work complies with all government and local rules and regulations.

3. PERMITS AND LICENSES

The Contractor may be required to obtain all necessary permits and licenses, and shall comply with all government and local rules and regulations.

2. AGREEMENT

The Contractor shall agree to the terms and conditions of the contract.

1. CONTENTS

The Contractor shall submit the contents of the contract to the employer for approval.

8. GOVERNMENT AND LOCAL RULES

The Contractor shall prepare and submit to the employer a price sheet for all changes required by the employer, and shall obtain all necessary permits and licenses, and shall ensure that the work complies with all government and local rules and regulations.

7. PERMITS AND LICENSES

The Contractor may be required to obtain all necessary permits and licenses, and shall comply with all government and local rules and regulations.

6. AGREEMENT

The Contractor shall agree to the terms and conditions of the contract.

5. CONTENTS

The Contractor shall submit the contents of the contract to the employer for approval.

4. TAXES AND DUTIES

The Contractor shall prepare and submit to the employer a price sheet for all changes required by the employer, and shall obtain all necessary permits and licenses, and shall ensure that the work complies with all government and local rules and regulations.

3. PERMITS AND LICENSES

The Contractor may be required to obtain all necessary permits and licenses, and shall comply with all government and local rules and regulations.

2. AGREEMENT

The Contractor shall agree to the terms and conditions of the contract.

1. CONTENTS

The Contractor shall submit the contents of the contract to the employer for approval.

8. GOVERNMENT AND LOCAL RULES

The Contractor shall prepare and submit to the employer a price sheet for all changes required by the employer, and shall obtain all necessary permits and licenses, and shall ensure that the work complies with all government and local rules and regulations.

7. PERMITS AND LICENSES

The Contractor may be required to obtain all necessary permits and licenses, and shall comply with all government and local rules and regulations.

6. AGREEMENT

The Contractor shall agree to the terms and conditions of the contract.

5. CONTENTS

The Contractor shall submit the contents of the contract to the employer for approval.

4. TAXES AND DUTIES

The Contractor shall prepare and submit to the employer a price sheet for all changes required by the employer, and shall obtain all necessary permits and licenses, and shall ensure that the work complies with all government and local rules and regulations.

3. PERMITS AND LICENSES

The Contractor may be required to obtain all necessary permits and licenses, and shall comply with all government and local rules and regulations.

2. AGREEMENT

The Contractor shall agree to the terms and conditions of the contract.

1. CONTENTS

The Contractor shall submit the contents of the contract to the employer for approval.

8. GOVERNMENT AND LOCAL RULES

The Contractor shall prepare and submit to the employer a price sheet for all changes required by the employer, and shall obtain all necessary permits and licenses, and shall ensure that the work complies with all government and local rules and regulations.

7. PERMITS AND LICENSES

The Contractor may be required to obtain all necessary permits and licenses, and shall comply with all government and local rules and regulations.

6. AGREEMENT

The Contractor shall agree to the terms and conditions of the contract.

5. CONTENTS

The Contractor shall submit the contents of the contract to the employer for approval.

4. TAXES AND DUTIES

The Contractor shall prepare and submit to the employer a price sheet for all changes required by the employer, and shall obtain all necessary permits and licenses, and shall ensure that the work complies with all government and local rules and regulations.

3. PERMITS AND LICENSES

The Contractor may be required to obtain all necessary permits and licenses, and shall comply with all government and local rules and regulations.

2. AGREEMENT

The Contractor shall agree to the terms and conditions of the contract.

1. CONTENTS

The Contractor shall submit the contents of the contract to the employer for approval.

8. GOVERNMENT AND LOCAL RULES

The Contractor shall prepare and submit to the employer a price sheet for all changes required by the employer, and shall obtain all necessary permits and licenses, and shall ensure that the work complies with all government and local rules and regulations.

7. PERMITS AND LICENSES

The Contractor may be required to obtain all necessary permits and licenses, and shall comply with all government and local rules and regulations.

6. AGREEMENT

The Contractor shall agree to the terms and conditions of the contract.

5. CONTENTS

The Contractor shall submit the contents of the contract to the employer for approval.

4. TAXES AND DUTIES

The Contractor shall prepare and submit to the employer a price sheet for all changes required by the employer, and shall obtain all necessary permits and licenses, and shall ensure that the work complies with all government and local rules and regulations.

3. PERMITS AND LICENSES

The Contractor may be required to obtain all necessary permits and licenses, and shall comply with all government and local rules and regulations.

2. AGREEMENT

The Contractor shall agree to the terms and conditions of the contract.

1. CONTENTS

The Contractor shall submit the contents of the contract to the employer for approval.
The contractor shall furnish an escrow deposit in the form of a bank guarantee for a sum of Rs. 3,00,000 (Rupees Three lakhs) from a scheduled bank as a cover for the contractor's non-execution to the extent of 50% of the estimated value of each item of work.

In the event of the contractor failing to execute the contract in accordance with the terms and conditions hereinbefore and the Employer exercising its right to cancel the contract, the Employer shall be entitled to retain the monies secured in the form of bank guarantee in the event of any dispute arising out of the contract or any work executed in accordance with the contract.

10. QUANTITY OF WORK TO BE EXECUTED

The quantities shown in the schedule of quantities are approximate and are intended to cover the entire volume of work included in this contract and the quantities should be reduced to the extent of any savings to which the Employer is entitled under the contract.
I.5\(^{2}\) Extension of time in the opinion of the architect/Engineer may be permissible, in the event of the architect/Engineer’s request, for reasons of unforeseeable circumstances within his or her control, which are beyond his or her control and which, in the opinion of the architect/Engineer, make it necessary to extend the time for the performance of the work. The architect/Engineer may extend the time for the performance of the work if, in his or her opinion, such circumstances are unforeseeable and beyond his or her control.

I.5\(^{2}\) Extension of time is to be recorded in all records with which the extended period of time is associated.

I.5\(^{2}\) Extension of time is to be recorded in all records with which the extended period of time is associated.

The architect/Engineer is to record in all records with which the extended period of time is associated, and in the event of any dispute arising from the records, the architect/Engineer’s decision shall be final and binding.

The architect/Engineer is to record in all records with which the extended period of time is associated, and in the event of any dispute arising from the records, the architect/Engineer’s decision shall be final and binding.

The architect/Engineer is to record in all records with which the extended period of time is associated, and in the event of any dispute arising from the records, the architect/Engineer’s decision shall be final and binding.

The architect/Engineer is to record in all records with which the extended period of time is associated, and in the event of any dispute arising from the records, the architect/Engineer’s decision shall be final and binding.

The architect/Engineer is to record in all records with which the extended period of time is associated, and in the event of any dispute arising from the records, the architect/Engineer’s decision shall be final and binding.

The architect/Engineer is to record in all records with which the extended period of time is associated, and in the event of any dispute arising from the records, the architect/Engineer’s decision shall be final and binding.

The architect/Engineer is to record in all records with which the extended period of time is associated, and in the event of any dispute arising from the records, the architect/Engineer’s decision shall be final and binding.

The architect/Engineer is to record in all records with which the extended period of time is associated, and in the event of any dispute arising from the records, the architect/Engineer’s decision shall be final and binding.

The architect/Engineer is to record in all records with which the extended period of time is associated, and in the event of any dispute arising from the records, the architect/Engineer’s decision shall be final and binding.

The architect/Engineer is to record in all records with which the extended period of time is associated, and in the event of any dispute arising from the records, the architect/Engineer’s decision shall be final and binding.

The architect/Engineer is to record in all records with which the extended period of time is associated, and in the event of any dispute arising from the records, the architect/Engineer’s decision shall be final and binding.
The contractor shall provide all necessary tools, materials, and equipment required for the work, including but not limited to:

- Saws, drills, hammers, nails, screws, drills, and other similar tools.
- Tools such as screwdrivers, wrenches, and pliers.
- Measuring tape, levels, and other measuring equipment.
- Safety gear such as hard hats, gloves, and safety glasses.

The contractor shall ensure that all materials are delivered to the site on time and that the work is completed in a timely manner.

Protective Measures: The contractor shall take all necessary precautions to protect the surrounding area from any potential damage caused by the work.

No damage shall be done to any property or equipment without prior written consent from the owner.

17. STORAGE OF MATERIALS AND TOOLS:

- All tools, materials, and equipment shall be stored in a secure area away from the work area.
- The contractor shall ensure that all items are properly secured and stored to prevent theft or loss.
- A list of all items stored shall be provided to the owner upon completion of the work.

18. LIQUIDATED DAMAGES:

- In the event that the contractor fails to complete the work within the specified time, the owner may be entitled to liquidated damages as stated in the contract.
- Liquidated damages shall be assessed based on the cost of materials and labor required to complete the work.

The contractor shall ensure that all work is completed in a professional and timely manner to the satisfaction of the owner.

Indian Academy of Sciences

Theodore Roosevelt Building
Bangalore 560 080, India

Tel: 080-23602360, Fax: 080-23613004
E-mail: ias@ias.ac.in, Website: www.ias.ac.in
22. ACCESS

Access provided by

23. CONTRACTOR IMMEDIATELY TO REMOVE ALL OFFENSIVE MATTE

20. BENCHES

and words may be accurately checked at all times.

The contractor is to ensure maintenance of proper bounds of all main walls in order that the house

21. STRUCTURE.

Angled in the center should include this and no creation or change on this section will be

19. WATER.

where the work of the architect is the necessary position of the site will be fully approved and the areas

18. CLEARING AND SETTING OUT WORKS

respect both through waivers, crosses, and expenses.

17. CLEANING OF WORKS

The contractor shall be responsible for the site and its plant to be cleaned by the contractor if the

16. OSLO.

Respect of such information shall be a decision within a reasonable time.

15. NOTICE AND PATENTS OF APPROPRIATE AUTHORITY AND OWNE

The contractor should cover in the tests for making provisions for all reasonable allowances for the use of

14. LOCAL.

Respect of such information shall be a decision within a reasonable time.

13. LOCAL.

Respect of such information shall be a decision within a reasonable time.

12. LOCAL.

Respect of such information shall be a decision within a reasonable time.

11. LOCAL.

Respect of such information shall be a decision within a reasonable time.

10. LOCAL.

Respect of such information shall be a decision within a reasonable time.

9. LOCAL.

Respect of such information shall be a decision within a reasonable time.

8. LOCAL.

Respect of such information shall be a decision within a reasonable time.

7. LOCAL.

Respect of such information shall be a decision within a reasonable time.

6. LOCAL.

Respect of such information shall be a decision within a reasonable time.

5. LOCAL.

Respect of such information shall be a decision within a reasonable time.

4. LOCAL.

Respect of such information shall be a decision within a reasonable time.

3. LOCAL.

Respect of such information shall be a decision within a reasonable time.

2. LOCAL.

Respect of such information shall be a decision within a reasonable time.

1. LOCAL.
24. REMOVAL OF IMPROPER WORK

The contractor shall remove

25. MATERIALS WORKMANSHIP SAMPLES TESTING OF MATERIALS

The contractor shall remove

26. INDIAN ACADEMY OF SCIENCES

P. 800 C, ARAIYAR AMMAN, BENGALURU - 560 003. INDIAN ACADEMY OF SCIENCES

P. 800 C, ARAIYAR AMMAN, BENGALURU - 560 003. INDIAN ACADEMY OF SCIENCES
The contractor shall comply with the provisions of all labour legislation including the requirements of any labour board and the competent authority of the Department for the time being framing the law and the Payment of Wages Act, 1936.

27. CONTRACTORS' EMPLOYEES

The contractor shall provide adequate and competent supervisors for the work that will be done by his own employees.

28. OFFICE ACCOMMODATION FOR THE SITE ENGINEER

The contractor shall provide adequate and competent accommodation for the foreman or the site engineer.

The contractor shall comply with all labour legislation including the requirements of any labour board and the competent authority of the Department for the time being framing the law and the Payment of Wages Act, 1936.

29. SITE ENGINEER

The site engineer shall be responsible to the contractor for the work performed by his own employees and for the work performed by the contractor's employees.
of the contractor, be responsible for anything which may be required from damage to any property arising out of a contractor's work. The contractor shall indemnify and hold harmless the employer and the employer's officers and employees from and against any claim or demand, or any suit, action, or cause of action, or any expense, loss, liability, or damage suffered or incurred by reason of any personal injury or workmen's compensation claim or any loss of business resulting from any work done by the contractor for the employer, except as herein provided. Any notice of damages or any claim shall be given to the contractor within 21 days of such notice or claim. The contractor shall defend any claim or suit against the employer or any of its officers or employees or against the employer's premises, equipment, or property, and shall hold the employer harmless from any liability, loss, or damage resulting therefrom. The contractor shall indemnify and hold harmless the employer from and against any claim or demand, or any suit, action, or cause of action, or any expense, loss, liability, or damage suffered or incurred by reason of any personal injury or workmen's compensation claim or any loss of business resulting from any work done by the contractor for the employer, except as herein provided. Any notice of damages or any claim shall be given to the contractor within 21 days of such notice or claim. The contractor shall defend any claim or suit against the employer or any of its officers or employees or against the employer's premises, equipment, or property, and shall hold the employer harmless from any liability, loss, or damage resulting therefrom. The contractor shall indemnify and hold harmless the employer from and against any claim or demand, or any suit, action, or cause of action, or any expense, loss, liability, or damage suffered or incurred by reason of any personal injury or workmen's compensation claim or any loss of business resulting from any work done by the contractor for the employer, except as herein provided. Any notice of damages or any claim shall be given to the contractor within 21 days of such notice or claim. The contractor shall defend any claim or suit against the employer or any of its officers or employees or against the employer's premises, equipment, or property, and shall hold the employer harmless from any liability, loss, or damage resulting therefrom.
In the event of the contractor assigning any of the Employer's employees a part of his own duties and may deduct from the Employer's payroll the amount of any wages due to any such claim or damage.

31. INSURANCE

The Contractor shall be liable and be ready compensated to deduct the amount of any damages.
The moment the work is in an interim condition shall be the date of work property executed and material
work after completion of the work. The work shall be continued by the contractor and the contractor shall be entitled to payment thereon.

3. PAYMENTS

The contractor will have the right to draw against the

3. MEASUREMENTS

materials the contractor is required to use for any work under this contract.

3. RECEIPTS & VOUCHERS

the work, the decision of the Engineer shall be final and binding on the contractor as the amount of

the work.

8.08. INDIAN ACADEMY OF SCIENCES

P.O. No. 805, C. Ramana Memorial - 560 003, INDIA

without prejudice to the Engineer's right to inspect the materials and the work. The

without prejudice to the Engineer's right to inspect the materials and the work.

Without prejudice to the Engineer's right to inspect the materials and the work.
PRICE VARIATION ADJUSTMENT (AVA): The contract price shall be adjusted for the increase or decrease in cost of cement, steel and Pol in accordance with the following principles:

1. The price adjustment shall apply for the work done up to the stipulated date of completion.

2. The adjusted price shall be interpreted as the cost of the component (including extension of time, if any) and will not be subject to any obligations or increase in cost of materials, labor, etc.

40. ESCALATION

In addition to the AVA, the Employer shall be entitled to increase or decrease the contract price

9. CONCEALED WORK

The concealed work may include that work which is concealed and not visible to the

38. DEFECTS AFTER COMPLETION

The Employer and the Contractor shall ensure that the works are completed in a manner that

22. INDIAN ACADEMY OF SCIENCES

I.A.S. 2000, 0's 090. 060. 080. INDIA
provided

presumably recognized with the organization for which the work is executed.

For the purpose of acknowledging the sole attribution required to above, the Employer/Arbitrator will send

ALL disputes of differences of kind whatsoever which shall arise between the parties hereunder

4. **APPLICATION**

considered above, by law to the Employer.

The Employer, those firms and contractors are in addition to any rights to damages or other rights and

4. **TERMINATION BY THE EMPLOYER**

The abovementioned clause (termination of contract by Employer) provides as provided in clause 4.2 (termination of contract by Employer),

proceeds as provided in clause 4.2 (termination of contract by Employer).

process as provided in clause 4.2 (termination of contract by Employer). The contract is executed with the works and this contract, the Employer may

deal with any dispute between the parties, the Employer may, after due notice, give notice in writing to the Contractor requiring the work to proceed which

expenses, including interest, of the Contractor to the Employer, and payment of any additional expenditure, cost of the same, and

4.2 **SUSPENSION**

changes of tools and parts would be executed under any circumstances.

Whenever the reason may be, no claim for the labor, additional expenditure or costs of the same, and

2. The price adjustment shall be applicable only for the civil works and shall not be applicable

for the mechanical works.

1. **TERMINATION**

and the Contractor shall forthwith discontinue the work in accordance with the contract documents.

where the work to go ahead in writing to the Contractor requiring the work to proceed which

the Contractor or the Employer, any payment, or the Contractor may have given to the Employer, the Contractor shall forthwith discontinue the work in accordance with the contract documents.

price adjustment shall be made during each quarter based on the following formulae.

When the reason may be, no claim for the labor, additional expenditure, cost of the same, and

price adjustment shall be made during each quarter based on the following formulae.
signature of the Contractor

proceeding under this clause, the amount of the contractor shall be final and binding on both the parties. Signature of the contractor shall be final and binding on both the parties. Signature of the contractor shall be final and binding on both the parties.

The amount under the provision of the Arbitration and Conciliation Act, 1996 of any claim shall be referred to an arbitrator. The amount shall be paid and may be settled by the amount of costs to be so paid.

when the amount of the costs of the reference and the amount of the costs of the reference. The amount may be paid and paid by the parties. The amount may be paid and paid by the parties. The amount may be paid and paid by the parties.

The amount of costs of the reference and expenses if any, of the arbitrator shall be paid and paid by the award before the award is made and paid before the award is made. The award shall be paid and paid by the award before the award is made and paid before the award is made.

The amount of the costs of the reference and expenses if any, of the arbitrator shall be paid and paid by the award before the award is made and paid before the award is made.

The amount of the costs of the reference and expenses if any, of the arbitrator shall be paid and paid by the award before the award is made and paid before the award is made.

The amount of the costs of the reference and expenses if any, of the arbitrator shall be paid and paid by the award before the award is made and paid before the award is made.

The amount of the costs of the reference and expenses if any, of the arbitrator shall be paid and paid by the award before the award is made and paid before the award is made.

The amount of the costs of the reference and expenses if any, of the arbitrator shall be paid and paid by the award before the award is made and paid before the award is made.

The amount of the costs of the reference and expenses if any, of the arbitrator shall be paid and paid by the award before the award is made and paid before the award is made.

The amount of the costs of the reference and expenses if any, of the arbitrator shall be paid and paid by the award before the award is made and paid before the award is made.
Personnel of the plant

Any of the items of work shall be so selected or placed as to cause danger or inconvenience to any

Advancing personnel shall be taken to prevent damage from electrical equipment. No materials on

 عليه

guaranteed provided with safety gloves. Persons employed on metal cutting and grinding work shall wear safety

All welders shall weld only the welded metal work and all metal workers shall be

All personnel of the contractor working on the plant shall be provided with safety helmets.

Other Safety Measures

(1) A sketch of the buildings and special areas proposed to be used shall be prepared and approved of the

leakage to the buildings shall be increased at least 2% for each additional meter of uplift.

ladder shall be in good condition, not less than 2½ times the ladder and should be provided with

Never have the feet of any person or material on or near the platform of any kind. Never on the

Every platform on the floor in a building or in a structure with sufficient width and sufficient height

When the height of the platform and of the general area is more than 4½ m above ground

Every platform shall be so constructed that they do not stand up to

Section 9. Sections of the building shall be constructed so as to prevent the

Materials of wood shall be provided and shall have adequate strength and shall be securely fixed.

Section 10. Sections of the building shall be so constructed that they do not stand up to

Sections 11. Sections of the building shall be so constructed that they do not stand up to

Sections 12. Sections of the building shall be so constructed that they do not stand up to

Sections 13. Sections of the building shall be so constructed that they do not stand up to

Sections 14. Sections of the building shall be so constructed that they do not stand up to

Sections 15. Sections of the building shall be so constructed that they do not stand up to

Sections 16. Sections of the building shall be so constructed that they do not stand up to

Sections 17. Sections of the building shall be so constructed that they do not stand up to

Sections 18. Sections of the building shall be so constructed that they do not stand up to

Sections 19. Sections of the building shall be so constructed that they do not stand up to

Sections 20. Sections of the building shall be so constructed that they do not stand up to

Sections 21. Sections of the building shall be so constructed that they do not stand up to

Sections 22. Sections of the building shall be so constructed that they do not stand up to

Sections 23. Sections of the building shall be so constructed that they do not stand up to

Sections 24. Sections of the building shall be so constructed that they do not stand up to

Sections 25. Sections of the building shall be so constructed that they do not stand up to

Sections 26. Sections of the building shall be so constructed that they do not stand up to

Sections 27. Sections of the building shall be so constructed that they do not stand up to

Sections 28. Sections of the building shall be so constructed that they do not stand up to

Sections 29. Sections of the building shall be so constructed that they do not stand up to

Sections 30. Sections of the building shall be so constructed that they do not stand up to

Sections 31. Sections of the building shall be so constructed that they do not stand up to

Sections 32. Sections of the building shall be so constructed that they do not stand up to

Sections 33. Sections of the building shall be so constructed that they do not stand up to

Sections 34. Sections of the building shall be so constructed that they do not stand up to

Sections 35. Sections of the building shall be so constructed that they do not stand up to

Sections 36. Sections of the building shall be so constructed that they do not stand up to

Sections 37. Sections of the building shall be so constructed that they do not stand up to

Sections 38. Sections of the building shall be so constructed that they do not stand up to

Sections 39. Sections of the building shall be so constructed that they do not stand up to

Sections 40. Sections of the building shall be so constructed that they do not stand up to
 DECLARE MACHINE

and keep it properly apart and shall be kept in good working condition, with necessary

shall conform to the following standards of condition:

Hostile Machine

(1) shall be of good mechanical construction, sound materials and adequate strength

(2) Work shall be provided for the worker’s use to enable during the course of the

without the use of any public place where there is risk of accidents, the necessary

Covers shall be supplied by the contractor to the worker and adequate brilliant shall

The contractor shall not employ women below the age of 18 years, women of any age shall not

When workers are employed in weavers and manufactures, which are in use, the contractor shall

shall be provided with protective goggles and protective clothing and work in

shall be provided with water’s protective eyeglass lens.

those engaged in weaving works shall be provided with water’s protective eyeglasses lens.

those engaged in weaving works shall be provided with water’s protective eyeglasses lens.

those engaged in weaving works shall be provided with water’s protective eyeglasses lens.

exposure to the eyes shall be provided with protective goggles.

exposure to the eyes shall be provided with protective goggles.

exposure to the eyes shall be provided with protective goggles.

those engaged in weaving works shall be provided with water’s protective eyeglasses lens.
2. In case of department machines, the safe working load shall be not fixed by the Engineer. As regards contractor's machines, the contractor shall fix the safe working load of the machine to the Engineer whenever he brings any machinery to site and get it verified by the Engineer concerned.

a) Motors, gearing, transmission, electrical wiring and other dangerous parts of hoisting appliances shall be provided with efficient safeguards. The electrical appliances should be kept in such a manner as will reduce to a minimum the risk of any part of a suspended load becoming accidentally discharged. When motors or other electrical apparatus are employed, such protective devices as belts, shoes and boots may be necessary, should be provided. The workers should not wear any rings, watches or carry keys or other materials, which are good conductors of electricity.

b) All scaffolds, ladders and other safety devices mentioned or described herein shall be maintained in safe condition and no scaffold, ladder, or equipment shall be altered or removed while it is in use. Adequate washing facilities should be provided near the place of work.

xiv) These safety provisions should be brought to the notice of all concerned by display on a notice board at a prominent place at work site. The person responsible for compliance of the safety code shall be named therein by the contractor.

xv) To ensure effective enforcement of the circulars and regulations relating to safety precautions the arrangements made by the contractor shall be open to inspection by the Labour Officer, Engineers or their representatives.

xvi) Notwithstanding the above clauses, there is nothing in these to attempt the contractor from the operation of any other Act or Rule in force in the Republic of India.
SIGNATURE OF CONTRACTOR

Name, Address, etc.: [Blank]

Bank Guarantee from a Scheduled Bank:
Rs. 3,00,000/- (Three lakhs only) in the form of
Initial Security Deposit

Bank Guarantee:

5% of Letter of Credit:
Rs. 15,000/-

Retention Money:
Rs. 6,000/-

Period of Honoring Final Certificate:
Sixteen (16) days

Minimum of 12 (Twelve) months from the date of
Completion of Work

Date of Communication

Defects Liability Period (P.L.P.):

Period of Completion

APPENDIX TO GENERAL CONDITIONS OF CONTRACT

INDIAN ACADEMY OF SCIENCES

P.B. No. 8005, C. V. Raman Avenue, Bengaluru - 560 005, INDIA
A full description of the materials and requirements for the construction to carry out the works is provided in accordance with the provisions of the Technical Specifications.

The Contractor will carry out the works in accordance with the drawings and specifications, and will not be responsible for the design or quality of the works. The Contractor shall not be liable for any errors in the drawings or specifications.

The Contractor is required to submit reports on the progress of the works and any issues that arise during the construction.

The Contractor will ensure that all building materials used in the works are of the highest quality and meet all relevant standards.

5. TESTS FOR QUALITY OF MATERIALS AND WORKS:

The Contractor shall carry out tests on the materials and work to ensure they meet the specified standards.

6. ORDER OF WORK:

(a) The works shall be carried out in one or more stages, as required by the Contractor.

(b) The Contractor shall inform the Client of the stages and dates of the works.

(c) The Contractor shall ensure that the works are carried out in accordance with the drawings and specifications.

3. INTERPRETATION OF TERMS:

The terms and conditions of the contract are subject to interpretation. Any ambiguity shall be resolved in favor of the Client.

2. WHOLE WORK TO BE COMPLETED IN THE SPECIFIED COMPLETION PERIOD:

The Contractor shall complete the works within the specified period.

Where any portion of the General Conditions is in conflict with the specific conditions of the contract, the latter shall prevail.

The Special Conditions of the contract shall be read in conjunction with the General Conditions of the contract.

1. GENERAL:

Special Conditions of Contract

Indian Academy of Sciences

Address: P.B. No. 8005, C. P. Ramajunan, Bengaluru - 560 001, India

Tel: 080 2259 2390, Fax: 080 2259 2391, E-mail: acs@ias.ac.in, Web: www.ias.ac.in
The work involved calls for a high standard for workmanship combined with speed.

9. WORKMANSHIP:

Approved before undertaking work. Rakes and scorch marks to be cleared just prior to departure for cleaning. Mop always used to leave a workable floor. The work is to be left in a condition for the next contractor. Any remaining work to be completed by the new contractor. If left in such condition and not acceptable, the contractor will be made to pay for such repairs.

6. SAMPLES:

The contractor shall furnish well in time before work commences, a true cost, any samples of materials or any suitable substitute for the supply of materials, well in time.

4. APPROVAL OF SAMPLES:

Where required by the architect, the contractor shall produce the samples, to be approved by the architect and/or engineer. The samples or materials shall be returned to the architect in like manner. If rejected by the architect, the samples of materials shall be replaced within a reasonable time of notice having been given to the architect or his representative, and be accompanied by another sample for approval.

3. RESPONSIBILITY:

Samples and materials shall not be altered or changed in any manner without the written consent of the architect.

10. RECEIVED WORKMANSHIP OR MATERIALS:

The work involved calls for a high standard for workmanship combined with speed.
12. QUOTED RATES:
(i) The rates quoted by the contractor shall be held to include for providing and fixing all scaffolding, conveyance and delivery, unloading, carrying in storing, hoisting, all labour, setting, fitting and fixing in position making, setting, cutting, waste, return of packing and all materials and labour and everything else necessary for the proper completion of each item of work to the approval of Architect and for Establishment Charges, overheads and profits. The Contractor shall provide at his expense all labour, materials and things required by the Architect or his representative for testing and measuring the work, for weighing, testing the efficiency of any portion of the work, all planning gangways etc., necessary for affording access to every part of the work. (However in regard to cube tests of concrete provisions made regarding the same under the trade ‘Concrete’ shall be applicable).

(ii) Contractor should note that unless otherwise stated the tender is strictly on item rate basis and his attention is drawn to the fact that rates for each and every item should be correct, workable and self-supporting. The quantities in the Schedule of Quantities approximately indicate the total extent of work but may vary to any extent and may even be omitted. No claim shall be entertained on this account except as provided in clause 35 of the General Conditions.

(iii) If called upon by the Architect, detailed analysis of any or of all the rates shall be submitted by the Contractor. The Architect is not bound to recognize Contractor’s analysis and reserves the right to reject abnormal high rates quoted by the contractor. In case there are inconsistencies in the rates for items of same such rates shall be considered as the rate for all such items unless Architect finds that there is justification for such inconsistent rates.

(iv) The rates of items of works shall include liasoning charges, supervision charges in applying & securing service connections. The Academy shall make direct payment to the concerned authorities in getting such permits, if any licenses, service connections on demand & against bills, notices. All other incidental charges, liasoning & supervision charges shall be loaded in the item rates of the tender.

13. WATER:
The Employer will provide water for execution of the work.

14. ELECTRICITY:
The Employer will provide electricity for execution of the work. However 1% of the total value of the contract will be levied as water and electricity charges by the Employer.

15. SECURITY AND PROTECTION:
(i) All fences, trees, shrubs, grass, lawns and other surfaces about the buildings or approaches thereto, which are required to be maintained are to be kept free from damage due to operations in connection with the work, at contractor’s expense.

(ii) The Contractor shall, at his expense, protect all projecting sills, jambs, copings, stone or concrete treads and mouldings and all concrete steps, woodwork and joinery and the like from injury during the progress of the work by rough timber casings securely fixed. The contractor shall at his cost protect joinery and make good all damage to same from any cause whatsoever during the performance of the contract and leave perfect to the satisfaction of the Architect at completion. Before giving up
allowing a variation of ±5% from the calculated quantity. After the completion of the work, the calculated quantity of cement to be used on the work shall be

22. THEORETICAL CHECK:

measuring pipes shall be supplied by the Contractor, at his expense.

(!) All measuring pipes shall be soil and sandblasting and lined with mud or any other material for lining of the Contractor's selection of bricks or cement, that do not affect the measurements provided in the section of the Contractor's specification. In such a case the measurements shall be multiplied by the Contractor to the nearest whole number of bricks or cement of any other material that has been duly

and Whilst in taking the measurements and will agree to the measurements recorded on the

22. CONTRACTOR TO ASSIST SITE ENGINEER FOR TAKING MEASUREMENTS:

The contractor shall assist the site engineer in taking measurements. In addition to the above mentioned, all to be provided with a suitable measuring pipe, a pipe bob, a spirit level and a square

Every bricklayer or plasterer on the work shall be provided with suitable level patterns, towers,

21. TOOLS FOR MASON:

All suitable dressing materials remain the property of the Employer.

20. USEFUL EXCAVATED MATERIALS:

Contractor's orders alone shall allow these balls.

Contractor's orders shall allow these balls.

The work and all equipment shall be completed in accordance with the specifications and special instructions to be agreed

By the Engineer, his representatives or other officers of the Contractor from time to time during the progress of

19. WORKS AND SITE TO BE KEPT AND DELIVERED UP CLEAN:

Receive bank of mud on behalf of the Contractor and complete bill with the

The specified area and all other material shall be removed after the work is completed.

Applicable definition is as referred herein. The area applicable at the time shall be made on the

18. INCOME TAX DEEDS/WORK CONTRACTS TAX:

Union Government and State Government in what area this contract is being operated.

The contract shall pay rates of wages and observe hours of work and conditions of employment.

17. MINIMUM WAGES ACT:

Wages paid by the Contractor shall be solely responsible.

Wages paid by the Contractor shall be solely responsible.

16. INDEMNITY BOND:

She shall make all necessary disbursements.

Possession of the Contractor must be in all doors, windows, and ventilators, etc... work, cisterns and
30. MEASUREMENTS OF ALL CONCEALED ITEMS TO BE RECORDED PRIOR TO

COver.

The contractor shall record in his books all concealed items as
measured and reported. The measurements recorded by the contractor shall be considered the
basis of any disputes and any claims.

29. ATTENDANCE OF SUB-CONTRACTORS:

The contractor shall ensure that all sub-contractors who work on the project are properly
instructed and informed of all safety and quality control procedures. All sub-contractors
must maintain a copy of the contract documents and any changes thereto.

28. PROVISIONAL ITEMS:

Any items that are not clearly defined in the contract documents and require additional
clarification or definition shall be classified as provisional items. The contractor shall
provide adequate plans and specifications for any provisional items.

27. ALTERNATIVE ITEMS:

Any items that are not clearly defined in the contract documents and require additional
clarification or definition shall be classified as alternative items. The contractor shall
provide adequate plans and specifications for any alternative items.

26. RATES TO COVER FOR WORK AT ALTERNATIVES AND LEVELS:

The rates provided by the contractor shall cover for work at all levels of the project,
including any changes or modifications to the original plans.

25. NO OVER-LABOURING OF SLABS:

No labouring of slabs shall be allowed on any project. The contractor shall ensure that all
labour is properly supervised and that all work is completed in accordance with the
current standards and requirements.

24. SERVICE AND ADVICE BY CONTRACTOR TO EMPLOYER:

The contractor shall provide the employer with all necessary service and advice, including
the installation of all necessary equipment and the supervision of all work.

23. CONSTRUCTION:

All construction work shall conform to the specifications and requirements outlined in the
current contract documents. The contractor shall ensure that all work is completed in
accordance with the current standards and requirements.

22. ATTACHMENT TO COVER WORK AT ALL LEVELS:

The rates provided by the contractor shall cover for work at all levels of the project,
including any changes or modifications to the original plans.

21. ATTENTION OF SUB-CONTRACTORS:

The contractor shall ensure that all sub-contractors who work on the project are properly
instructed and informed of all safety and quality control procedures. All sub-contractors
must maintain a copy of the contract documents and any changes thereto.

20. PROVISIONAL ITEMS:

Any items that are not clearly defined in the contract documents and require additional
clarification or definition shall be classified as provisional items. The contractor shall
provide adequate plans and specifications for any provisional items.

19. ALTERNATIVE ITEMS:

Any items that are not clearly defined in the contract documents and require additional
clarification or definition shall be classified as alternative items. The contractor shall
provide adequate plans and specifications for any alternative items.

18. ATTENTION OF SUB-CONTRACTORS:

The contractor shall ensure that all sub-contractors who work on the project are properly
instructed and informed of all safety and quality control procedures. All sub-contractors
must maintain a copy of the contract documents and any changes thereto.

17. CONSTRUCTION:

All construction work shall conform to the specifications and requirements outlined in the
current contract documents. The contractor shall ensure that all work is completed in
accordance with the current standards and requirements.

16. RATES TO COVER FOR WORK AT ALL LEVELS:

The rates provided by the contractor shall cover for work at all levels of the project,
including any changes or modifications to the original plans.

15. SERVICE AND ADVICE BY CONTRACTOR TO EMPLOYER:

The contractor shall provide the employer with all necessary service and advice, including
the installation of all necessary equipment and the supervision of all work.

14. ATTENTION OF SUB-CONTRACTORS:

The contractor shall ensure that all sub-contractors who work on the project are properly
instructed and informed of all safety and quality control procedures. All sub-contractors
must maintain a copy of the contract documents and any changes thereto.

13. PROVISIONAL ITEMS:

Any items that are not clearly defined in the contract documents and require additional
clarification or definition shall be classified as provisional items. The contractor shall
provide adequate plans and specifications for any provisional items.

12. ALTERNATIVE ITEMS:

Any items that are not clearly defined in the contract documents and require additional
clarification or definition shall be classified as alternative items. The contractor shall
provide adequate plans and specifications for any alternative items.

11. ATTENTION OF SUB-CONTRACTORS:

The contractor shall ensure that all sub-contractors who work on the project are properly
instructed and informed of all safety and quality control procedures. All sub-contractors
must maintain a copy of the contract documents and any changes thereto.

10. CONSTRUCTION:

All construction work shall conform to the specifications and requirements outlined in the
current contract documents. The contractor shall ensure that all work is completed in
accordance with the current standards and requirements.

9. RATES TO COVER FOR WORK AT ALL LEVELS:

The rates provided by the contractor shall cover for work at all levels of the project,
including any changes or modifications to the original plans.

8. SERVICE AND ADVICE BY CONTRACTOR TO EMPLOYER:

The contractor shall provide the employer with all necessary service and advice, including
the installation of all necessary equipment and the supervision of all work.

7. ATTENTION OF SUB-CONTRACTORS:

The contractor shall ensure that all sub-contractors who work on the project are properly
instructed and informed of all safety and quality control procedures. All sub-contractors
must maintain a copy of the contract documents and any changes thereto.

6. PROVISIONAL ITEMS:

Any items that are not clearly defined in the contract documents and require additional
clarification or definition shall be classified as provisional items. The contractor shall
provide adequate plans and specifications for any provisional items.

5. ALTERNATIVE ITEMS:

Any items that are not clearly defined in the contract documents and require additional
clarification or definition shall be classified as alternative items. The contractor shall
provide adequate plans and specifications for any alternative items.

4. ATTENTION OF SUB-CONTRACTORS:

The contractor shall ensure that all sub-contractors who work on the project are properly
instructed and informed of all safety and quality control procedures. All sub-contractors
must maintain a copy of the contract documents and any changes thereto.

3. CONSTRUCTION:

All construction work shall conform to the specifications and requirements outlined in the
current contract documents. The contractor shall ensure that all work is completed in
accordance with the current standards and requirements.

2. RATES TO COVER FOR WORK AT ALL LEVELS:

The rates provided by the contractor shall cover for work at all levels of the project,
including any changes or modifications to the original plans.

1. SERVICE AND ADVICE BY CONTRACTOR TO EMPLOYER:

The contractor shall provide the employer with all necessary service and advice, including
the installation of all necessary equipment and the supervision of all work.

0. ATTENTION OF SUB-CONTRACTORS:

The contractor shall ensure that all sub-contractors who work on the project are properly
instructed and informed of all safety and quality control procedures. All sub-contractors
must maintain a copy of the contract documents and any changes thereto.
contractor shall be responsible for any breach in such guarantee terms.

The Academy, for Formulate treatment minimum 10 years guarantee and for water proofing of the special aspects, who are engaged for such works by the contractor, shall be submitted to the guarantee for special works which will terminate the treatment and water proofing works. Guarantee issued by

33. GUARANTEE FOR SPECIAL WORKS:

32. MINIMUM REQUIREMENTS OF THE TECHNICAL STAFF:

by the architect both preliminary and resubmittal and without hindrance to the contractor's progress.

The employer reserves the right to occupy the works by section as completed, as may be considered

31. OCCUPATION BY EMPLOYER:

construction site's or a Diploma holder with 10 years experience on similar works.

recognized Degree in Civil Engineering and a minimum of 5 years experience on such major

INSTITUTE OF SCIENTISTS
1. MAOSNERY WORKS:

NOTES TO SCHEDULE OF QUANTITIES

2. FLOORING and CLADDING

IONING and BONDING

PRODUCING

NOTES: Unless otherwise specified, the rates quoted for all items shall include the following:

3. DOOR AND WINDOWS

NOTES: Unless otherwise specified, the rates quoted for all items shall include the following:

4. HTAPPEND:

NOTES: Unless otherwise specified, the rates quoted for all items shall include the following:

5. "Ri", "Slab", "Board", "Door Slopers", "Batroom Latches", mortise lock and night latches

6. Shall include the cost of fixing any other fittings shall be supplied by the owner or he lower

7. (f) 3 Nos. of brass half hinges 7mm size for each window shutters.
   (g) 3 Nos. of brass full hinges 7mm size for each door shutters.
   (h) Shall include cost of the following fittings for each wood door.
LIST OF PREPARED MAKE FOR CIVIL, PLUMBING & SANITARY WORKS

1. Cement
2. Reinforcement Steel
3. Structural Steel
4. Ready Mix Concrete
5. Teakwood
6. Paints

Note: All prepared works shall include necessary scaffolding provision and removing and transport of materials. Careful attention in the function of masonry and concrete members to be provided. Piping should be provided at the function of pipe, jointing, etc. Material should be approved by architect.

2. Finishes

a. Masonry/concrete shall be finished with mastic cement.

b. The gaps between frames and support shall be filled with cement. (1)

c. The doors of windows have been fixed. (2)

d. The finishes shall be checked with approved information layout plan or plaster. (3)

3. Sample of mastic or sinks shall be provided by architect before finishing.
BROAD MENTIONED ABOVE OR EQUIVALENT TO IT.

NOTE: ARCHITECT/Clients RESERVES THE RIGHT TO CHOOSE FROM ANY OF THE

- HAFELL (8) Door Hinges
- DOORSLET (1) Door Locks
- Epo E.C (6) Multi-purpose
- DORNA (6) Door Closers
- Venn (6) Ball Catch (P/T)
- Eagle (6) Ball Catch (M)
- Neko (8) Door Handles

22. Hardware:
- 21 Calceum Sheets: Change at sole discretion of the Architect/Clients
- 20. Sipiko Flex
- 19. Flush Door
- 18. Waterproofing Compound
- 17. Internal Waterproofing
- 16. Plywood
- 15. Laminate
- 14. Transom Glazing
- 13. Cream Lips
- 12. Vitred Lips
- 11. Granite Steps
- 10. Solid Concrete Blocks

- 9. Bricks
- 8. UPVC Pipes and Fittings
- 7. Glass

ARCHITECT/ClientsULARY or EQUIVALENT approved by CENTRE/UNIFI or EQUIVALENT approved by CENTRE/UNIFI or EQUIVALENT approved by

- Epo E.C (6) Multi-purpose
- DOORSLET (1) Door Locks
- HAFELL (8) Door Hinges
- DORNA (6) Door Closers
- Venn (6) Ball Catch (P/T)
- Eagle (6) Ball Catch (M)
- Neko (8) Door Handles

19mm to 35mm thick at 6mm basic rates

- 4mm Clear Glass
- 3mm Tinted Glass
- 2mm Clear Glass
- 1mm Clear Glass

Moulded /SANI / Assam India Glassworks Ltd.
<table>
<thead>
<tr>
<th>No.</th>
<th>Material/Component</th>
<th>Make/Brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LT Cables</td>
<td>Raviscab / Polycab / CCI</td>
</tr>
<tr>
<td>2</td>
<td>DG Set</td>
<td>KOEL / Cummins / Caterpillar</td>
</tr>
<tr>
<td>3</td>
<td>MCB/MCB Distributor Board</td>
<td>ABB / Legrand</td>
</tr>
<tr>
<td>4</td>
<td>ELCBEL-MCB</td>
<td>Legrand</td>
</tr>
<tr>
<td>5</td>
<td>Panel Fabrication</td>
<td>Mehran / Ducati</td>
</tr>
<tr>
<td>6</td>
<td>Power Capacitor</td>
<td>Load Control / Star Switchgear</td>
</tr>
<tr>
<td>7</td>
<td>PVC Insulated copper wire</td>
<td>Finolex / FRLS</td>
</tr>
<tr>
<td>8</td>
<td>Power Factor relays</td>
<td>Epos</td>
</tr>
<tr>
<td>9</td>
<td>Indicating lamps</td>
<td>L&amp;T / Vaibhno</td>
</tr>
<tr>
<td>10</td>
<td>Power Contractor</td>
<td>L&amp;T / Siemens</td>
</tr>
<tr>
<td>11</td>
<td>Change Over Switches &amp; VT</td>
<td>HPL / ABB</td>
</tr>
<tr>
<td>12</td>
<td>Current Transformer &amp; VT</td>
<td>Kalpa</td>
</tr>
<tr>
<td>13</td>
<td>UPS</td>
<td>Taka Liebert / Unilever</td>
</tr>
<tr>
<td>14</td>
<td>Starters for Borewell</td>
<td>L&amp;T / Siemens</td>
</tr>
<tr>
<td>15</td>
<td>PVC Conduits</td>
<td>Universal / VIP</td>
</tr>
<tr>
<td>16</td>
<td>Indicating meters</td>
<td>RISHAB</td>
</tr>
<tr>
<td>17</td>
<td>MCB</td>
<td>ABB / L&amp;T</td>
</tr>
<tr>
<td>18</td>
<td>5A / 15A Switches / Sockets</td>
<td>Anchor Roma / MK</td>
</tr>
<tr>
<td>19</td>
<td>Ceiling fans</td>
<td>Usata / C &amp; G</td>
</tr>
<tr>
<td>20</td>
<td>Exhaust Fans</td>
<td>Almonard / Usha /</td>
</tr>
<tr>
<td>21</td>
<td>Light Fittings</td>
<td>Phillips / Wipro /</td>
</tr>
<tr>
<td>22</td>
<td>Room A.C. - Normal / Split</td>
<td>Art Light only for</td>
</tr>
<tr>
<td>23</td>
<td>Ceiling bells</td>
<td>Voltas / Carrier</td>
</tr>
<tr>
<td>24</td>
<td>Residual Circuit Breaker</td>
<td>Anchor / Roma</td>
</tr>
<tr>
<td>25</td>
<td>KWH Meter</td>
<td>Legrand / L&amp;T</td>
</tr>
<tr>
<td>26</td>
<td>Switches</td>
<td>Kaycee / L&amp;T</td>
</tr>
<tr>
<td>27</td>
<td>Cable Glands</td>
<td>Dowell / Crompfoni</td>
</tr>
<tr>
<td>28</td>
<td>Crimping type Lugs</td>
<td>Dowell / Usha</td>
</tr>
<tr>
<td>29</td>
<td>Ceiling roses</td>
<td>Anchor / Gosey</td>
</tr>
<tr>
<td>30</td>
<td>Earthing stations</td>
<td>Gobe Marketing / EQ</td>
</tr>
<tr>
<td>31</td>
<td>Lighting conductor / building</td>
<td>OBO Bettermann / EQ</td>
</tr>
<tr>
<td>32</td>
<td>Surge protection</td>
<td>Recofal / Johnson</td>
</tr>
<tr>
<td>33</td>
<td>Cable trays</td>
<td>PaFab / Pan</td>
</tr>
<tr>
<td>UNIT</td>
<td>QTY</td>
<td>RATE</td>
</tr>
<tr>
<td>-------</td>
<td>-----</td>
<td>------</td>
</tr>
<tr>
<td>sit</td>
<td>105</td>
<td>120</td>
</tr>
</tbody>
</table>

**1. ANTI-SKID CERAMIC TILES FLOORING - BALCONIES**

- 100mm high of approved makes and colour, in slips on walls over 13 cement mortar (15%) base including matching joints, with matching cement based polymer grout recommended by Laticrete. Ensure inclusion of acid wash, chipping grooves etc. complete. For Basic Category, E 20 per sq. m excl. of all taxes and duties.

- For Unitized tiling in rooms & corridors: Basic price of tiles = Rs. 120/ per sq. ft exclusive of all taxes and duties.

**2. CERAMIC TILE SKIRTING - BALCONIES**

- Providing and laying to pattern Antiskid ceramic tiles of approved makes in CM 14 with the matching type and type of cement recommended for the project. Ensure inclusion of acid wash and complete. The laying shall be to the true level, plane and pattern as indicated in the detail drawings. The rate also includes providing rough bedding plaster to the required level in CM 14 with the matching type and type of cement recommended for the project. Ensure inclusion of acid wash and complete. For Basic Category, E 20 per sq. m excl. of all taxes and duties.

- After approval from the project consultant, Drying off before casting the contour.
<table>
<thead>
<tr>
<th>Sr.</th>
<th>Description</th>
<th>Unit</th>
<th>Rate (Rs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Vitrified Tile Skirting</td>
<td>M2</td>
<td>130</td>
</tr>
<tr>
<td>2</td>
<td>For Vitrified Tile Skirting</td>
<td>M2</td>
<td>130</td>
</tr>
<tr>
<td>3</td>
<td>Tiles Gouting (Floor tiles and wall tiles)</td>
<td>M2</td>
<td>3500</td>
</tr>
<tr>
<td>4</td>
<td>Granite Hand Wash Counter</td>
<td>M</td>
<td>45</td>
</tr>
<tr>
<td>5</td>
<td>Granite Sill for Ledge wall in toilet area</td>
<td>M</td>
<td>31</td>
</tr>
<tr>
<td>6</td>
<td>Granite Threshold for Door</td>
<td>M</td>
<td>20</td>
</tr>
<tr>
<td>7</td>
<td>Plastering the Grooves Created by AC/Electrical and OTHER</td>
<td>M</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>Painting with Washable Emulsion Paint</td>
<td>M</td>
<td>1300</td>
</tr>
<tr>
<td>9</td>
<td>UPVC Windows</td>
<td>M</td>
<td>1200</td>
</tr>
</tbody>
</table>

*Note: All rates are exclusive of taxes.*

**Cost of black coat plaster is to be included.**
<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>For windows with mosquito mesh as per the detailed drawing</td>
<td>SFT 2</td>
<td>SFT 2</td>
<td>SFT 2</td>
</tr>
<tr>
<td>b</td>
<td>For ventilators with exhaust fan provision &amp; 8mm painted fixed louver</td>
<td>SFT 35</td>
<td>SFT 35</td>
<td>SFT 35</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>UPVC DOORS - Main Entrance</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fabricating, supplying, assembling and installing in position UPVC single glazed operable doors and hinges, consisting of outer frames, shutter frames, Mullions, transoms, etc. supplied and fitted properly, glazed panels as per approved anchorage frames, fixing and other accessories, providing and fixing complete as per drawing and specifications with glass &amp; material. The shutters shall be fixed with 8mm thick clear glass.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Ventilator between toilets (8mm Fixed &amp; toughened frosted glass)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>GRAND TOTAL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESCRIPTION</td>
<td>UNIT</td>
<td>RATE</td>
<td>AMOUNT</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>------</td>
<td>------</td>
<td>--------</td>
<td></td>
</tr>
<tr>
<td><strong>POWER DISTRIBUTION BOARD</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>DISTRIBUTION BOARD AND SWITCH GEAR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Supply and Installation</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Supply and Installation of 16 / 20 Amps D.P. Switch for A/C</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Supply, Raising and Termination of 16 Amps Sockets to out door unit</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ETERMINING SYSTEM</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Supply and Installation</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>25 X 0.5 G1.1 Pipe</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>8 G1.1 wire</td>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TELEPHONE AND TV SYSTEM</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Supply and Installation</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>8 Co-axial cable</td>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>WIRING</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>12 U Rack Mount Rack</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>12 U Wall Mount Rack</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>1650 Co-axial cable</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DATA TERMINATION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Patch Cable</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.00</td>
<td>Patch cable CAT 5e Zmers</td>
<td>1600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.00</td>
<td>CAT 6 data cable termination both side &amp; testing</td>
<td>200</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>CAT 6 digital Cable. Supply &amp; Laying</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Description</td>
<td>Quantity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----</td>
<td>-------------</td>
<td>----------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Installation at site</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Heating circuit to be commissioned</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Lighting circuit to be commissioned</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Input cables to be checked based on load</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Installation of DB and Terminations of all wires</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>DB Wiring Terminations with copper pin legs</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Connection of Network Switch to main Network Rack of the Institute</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Grand Total:** 9

The following works are to be done mandatorily:

- Completion of pending works at site
- Exhaust fans
- 48" dia Ceiling fans
- 1.1 x 1.2 W LED Mirror light fixtures in toilets
- 1.2 x 1.5/18W LED light fixtures (Toilets & Bedrooms)

**Notes:** Both circuits not to be merged, separate neutral phase
<table>
<thead>
<tr>
<th>SL NO</th>
<th>MAKE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Haveli / HPL / Indo asian</td>
<td>Circular circuit breakers</td>
</tr>
<tr>
<td>2</td>
<td>MCB distribution boards</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Molded case circuit breakers</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Light fittings and lamps (industrial, commercial, decorative)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Telephone cables</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>PVC insulated copper wires</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>PVC rigid conduits (slab 2.5mm thickness in roof slab &amp; 3.5mm thickness in VIP) Universal</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Ceiling fans</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Ceiling fans</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Exhaust fans Grill Type</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Cable glands</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Ceiling rose</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Fan boxes</td>
<td></td>
</tr>
<tr>
<td>SL. NO</td>
<td>ITEM</td>
<td>UNIT</td>
</tr>
<tr>
<td>-------</td>
<td>------</td>
<td>------</td>
</tr>
<tr>
<td>1</td>
<td>Supply, fixing and commissioning of white coloured vitreous china wall mounted WC flushing cistern with push type actuating plate, C.P. bolts, nuts, solid plastic seat with cover, C.P. hinges and rubber buffers etc.</td>
<td>NOS.</td>
</tr>
<tr>
<td>2</td>
<td>Supply, fixing and commissioning of 610 x 432 x 229 mm size white coloured vitreous china UNDER COUNTER WASH BASIN installed below counter with studs / flange, 15mm dia brass C.P. Pillar tap, 32mm dia brass C.P. bottle trap, 15mm dia brass C.P. cold water connecting pipes, etc.</td>
<td>NOS.</td>
</tr>
<tr>
<td>3</td>
<td>Supply and fixing of 5.5mm thick superior quality MIRROR of 900 x 400mm size complete with black board with framing as required.</td>
<td>NOS.</td>
</tr>
<tr>
<td>4</td>
<td>Supply and fixing of approved make superior quality 25mm dia brass TOWEL RAILS with wall flanges with concealed screws etc., including cutting and making good the wall.</td>
<td>NOS.</td>
</tr>
<tr>
<td>5</td>
<td>Supply and fixing of brass C.P. wall mounted SOAP DISH with wall flange and concealed brass screw sets, including cutting and making good the wall.</td>
<td>NOS.</td>
</tr>
<tr>
<td>6</td>
<td>Supply and fixing of brass C.P. wall mounted TOILET PAPER HOLDER with wall flange and concealed brass screw sets, including cutting and making good the wall.</td>
<td>NOS.</td>
</tr>
</tbody>
</table>

*Note: NOS. = Nos., RO = Rate Other, AMOUNT = Total Amount*
1. Supply icing, testing and commissioning of 15 mm dia CP, Angled stop cock.

2. Supply icing, testing and commissioning of 15 mm dia CP, Angled stop cock.

3. Supply icing, testing and commissioning of 15 mm dia CP, Angled stop cock.

4. Supply icing, testing and commissioning of 15 mm dia CP, Angled stop cock.

5. Supply icing, testing and commissioning of WATER HEATERS of following: PPE and size.

6. Supply icing, testing and commissioning of CONCEALED STOP COCK with adjustable wall flanges etc.

7. Supply icing, testing and commissioning of 20 mm dia CP.

8. Supply icing, testing and commissioning of two 15 mm dia CP.

9. Supply icing, testing and commissioning of SHOWER ASSY. UNITS consisting of:

10. Supply icing, testing and commissioning of HAND SHOWER (Heated or not) with wall box.

11. Supply icing, testing and commissioning of Brass wet pipe in Kitchen wash area (sink size: 1200 x 670, bowl size: 400 x 300mm deep) and coax, rigid PVC.

12. Supply icing, testing and commissioning of Brass wet pipe in Shower area.

13. Supply icing, testing and commissioning of Brass flexible piping in following:

14. Supply icing, testing and commissioning of two 15 mm dia CP.

15. Supply icing, testing and commissioning of a one-section, single lever concealed diverter for bath and shower system.

16. Supply icing, testing and commissioning of a one-section, single lever concealed diverter for bath and shower system.

17. Supply icing, testing and commissioning of BOAT SHOWER in following areas:

18. Supply icing, testing and commissioning of Bath room and wash area.

19. Supply icing, testing and commissioning of 15 mm dia CP, Angled stop cock and inline long CP, flexible pipe.

20. Supply icing, testing and commissioning of Hand shower (Heated or not) with wall box.

21. Supply icing, testing and commissioning of Brass flexible piping in following:

22. Supply icing, testing and commissioning of BOAT SHOWER in following areas:

23. Supply icing, testing and commissioning of Bath room and wash area.
<table>
<thead>
<tr>
<th>19</th>
<th>15</th>
<th>Fixing No.</th>
<th>Supply No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>6</td>
<td>Fixing</td>
<td>Supply</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12 mm de</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Connections:**

- BS: 5199 manufacturing standards, including all unions and mating parts with PCC sleeves and PTFE seal leaked to 25 Kg/Cm. Precision faces, conforming to ANSI of brass body and chrome plated brass ball valve chrome plated brass handle. 18 Supply and Fixing in position the following lever operated. Field How Quarterturn Ball.
<table>
<thead>
<tr>
<th>SL NO.</th>
<th>MAKE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KOHLER</td>
<td>VITREOUS CHINA SANITARY WARE</td>
</tr>
<tr>
<td>2</td>
<td>KOHLER</td>
<td>C.P. SANITARY FITTINGS</td>
</tr>
<tr>
<td>3</td>
<td>KOHLER</td>
<td>WASH BASIN</td>
</tr>
<tr>
<td>4</td>
<td>KOHLER</td>
<td>C.P. TOILET ACCESSORIES</td>
</tr>
<tr>
<td>5</td>
<td>KOHLER</td>
<td>KONA / BELGIUM</td>
</tr>
<tr>
<td>6</td>
<td>KOHLER</td>
<td>EWC SEAT COVER WITH LID</td>
</tr>
<tr>
<td>7</td>
<td>KOHLER</td>
<td>P.V.C. CONNECTION PIPE</td>
</tr>
<tr>
<td>8</td>
<td>KOHLER</td>
<td>FRP LOW LEVEL CISTERN</td>
</tr>
<tr>
<td>9</td>
<td>KOHLER</td>
<td>KITCHEN SINK</td>
</tr>
<tr>
<td>10</td>
<td>KOHLER</td>
<td>P.V.C. PIPES FOR DRAINAGE AND RAIN WATER SYSTEM</td>
</tr>
<tr>
<td>11</td>
<td>SUPREME</td>
<td>P.V.C. FITTINGS</td>
</tr>
<tr>
<td>12</td>
<td>VEKTUS</td>
<td>PVC PIPES AND FITTINGS (WATER SUPPLY)</td>
</tr>
<tr>
<td>13</td>
<td>NOPE</td>
<td>COPVC PIPES AND FITTINGS (WATER SUPPLY)</td>
</tr>
<tr>
<td>14</td>
<td>TATA</td>
<td>GI PIPES</td>
</tr>
<tr>
<td>15</td>
<td>R.F. BRAND</td>
<td>GI FITTINGS</td>
</tr>
<tr>
<td>16</td>
<td>H I - TECH OR M'S</td>
<td>PIPE BRACKET AND SUPPORTS</td>
</tr>
<tr>
<td>17</td>
<td>MYSTORE STONEWARE</td>
<td>STONE WARE PIPES AND GULLY TRAPS</td>
</tr>
<tr>
<td>18</td>
<td>N E C O</td>
<td>MANHOLE COVER - CAST IRON</td>
</tr>
<tr>
<td>19</td>
<td>RAJ VAHABAY</td>
<td>MANHOLE COVER - R C</td>
</tr>
<tr>
<td>20</td>
<td>INDIAN HUME PIPES</td>
<td>R C C HUME PIPES</td>
</tr>
<tr>
<td>21</td>
<td>PEELER</td>
<td>BAL VALVE (15 TO 40MM)</td>
</tr>
<tr>
<td>22</td>
<td>HAYA</td>
<td>BUTTERFLY VALVES (50 TO 150MM)</td>
</tr>
<tr>
<td>23</td>
<td>LEADER</td>
<td>GUNMETAL GATE / CHECK VALVE</td>
</tr>
<tr>
<td>24</td>
<td>DOM, MONOBLOC / OPEN WELL SUBMERSIBLE PUMPS / KIRLOSKAR</td>
<td>DOM, MONOBLOC / OPEN WELL SUBMERSIBLE PUMPS</td>
</tr>
<tr>
<td>25</td>
<td>HARRISON</td>
<td>STORM WATER SUBMERSIBLE SUMP PUMPS</td>
</tr>
<tr>
<td>26</td>
<td>GRUNDOS</td>
<td>HYDRO PNEUMATIC SYSTEM / PRESSURE PUMPS</td>
</tr>
<tr>
<td>27</td>
<td>AQUA INTEL TECH</td>
<td>AUTO LEVEL INDICATOR</td>
</tr>
<tr>
<td>28</td>
<td>DAMSHE</td>
<td>WATER METER</td>
</tr>
</tbody>
</table>

NOTE: THE BIDDER HAS TO INDICATE ANY OTHER BRAND IF CONSIDERED ON WHICH OFFER IS BASED.