

# NOTICE INVITING TENDER



Name of Work: Supply and Installation of External & Internal Signage for IIM Kashipur

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## **INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR TENDERING**

**Percentage Rate bids** are invited on behalf of IIM Kashipur from approved and eligible contractors having experience for execution of **works** in any Govt organization i.e. 3 no. works each of value not less than 40% of estimated cost put to tender or 2 no. works each of value not less than 60% of estimated cost put to tender or 1 no. work of value not less than 80% of the estimated cost put to tender the last 5 years ending previous month. The experience certificate shall be signed by the Executive Engineer or equivalent ranked officer.

<b>NIT No</b>	IIMKASHIPUR/WORKS DEPTT/NIT/14/2022-23 dated 02 February 2023
<b>Name of Work</b>	<b>Supply and Installation of External &amp; Internal Signage for IIM Kashipur</b>
<b>Location</b>	<b>IIM Kashipur (UK)</b>
<b>Estimated cost put to bid</b>	<b>Total Estimated cost: Rs.84,95,189/-</b>
<b>Earnest Money</b>	<b>Rs. 1,70,000/-</b>
<b>Stipulated Period of Completion of work</b>	<b>6 months</b>
<b>Last date of submission of bid and other documents as specified in the bid document.</b>	<b>Up to 15:00 Hrs on 02 March 2023</b>
<b>Time and date of opening of Bid</b>	<b>15:30 Hrs on 02 March 2023</b>
<b>Bids/queries to be addressed to</b>	<b>ENGINEER-IN-CHARGE</b>
<b>Postal address for sending the Bids</b>	<b>ENGINEER-IN-CHARGE INDIAN INSTITUTE OF MANAGEMENT, KASHIPUR KUNDRESHWARI, KASHIPUR, DIST. UDHAM SINGH NAGAR, UTTARAKHAND (INDIA) PIN – 244713 Website: <a href="http://www.iimkashipur.ac.in">www.iimkashipur.ac.in</a></b>
<b>Name/Designation of the contact personnel</b>	<b>ENGINEER-IN-CHARGE</b>
<b>Telephone numbers of the contact personnel</b>	<b>91-7088270882,7900444090 / 701</b>
<b>e-mail ids of contact personnel</b>	<b><a href="mailto:engineering.department@iimkashipur.ac.in">engineering.department@iimkashipur.ac.in</a></b>

1. Bids in sealed cover are invited under a single bid system from reputed, experienced, and financially sound parties. Please superscribe the outer cover of the sealed bid as “Tender for Supply and Installation of external & Internal Signage for IIM Kashipur
2. The Financial bids of only eligible and technically qualified bidders will be taken into account, after the same has been ascertained by evaluation of the Bids by the Tender Opening Committee. Considering the urgency of the work, no requests for extending the deadline shall be considered.
3. Cost of Bid Document/ Tender Fee: ₹ **FREE OF COST**
4. **Issue of Tender:** The tender document can be downloaded from the Institute website - [www.iimkashipur.ac.in](http://www.iimkashipur.ac.in) or [eprocure.gov.in](http://eprocure.gov.in). Please keep visiting our website for any corrigendum/ amendments and submit the bid document accordingly.
5. **Manner of depositing the Bids:** Sealed Bids should be either dropped in the Tender Box placed at Main Gate of IIM Kashipur or should be sent by registered post/courier at the address given above to reach by the due date and time. Late tenders will not be considered. No responsibility will be taken for postal/courier delay or non-delivery/non-receipt of Bid documents. Bids sent by FAX or e- mail will not be considered.
6. The NIT is to be signed on all the pages by the bidder. This NIT is being issued with no financial commitment. IIM Kashipur also reserves the right to withdraw the NIT, should it become necessary at any stage for withdrawing the NIT.
7. The Bidders may depute their representatives, duly authorized in writing, to attend the opening of Bids on the due date and time. This event will not be postponed due to the non-presence of your representative.
8. **Forwarding of Bids** – Bids should be forwarded by Bidders in a sealed envelope duly superscribed as stipulated above and this should contain a copy of the NIT document duly signed and stamped on each page along with Annexure-I of the NIT supported by demand drafts (Tender Fees and EMD) and all the documentary proofs to establish eligibility and their potential of professional readiness for the work services.
9. **Modification and Withdrawal of Bids:** A bidder may modify or withdraw his bid after submission, provided that the written notice of modification or withdrawal is received by the IIM Kashipur prior to the deadline prescribed for submission of bids. A withdrawal notice should be on a signed confirmation copy to be sent by post or by email and such signed confirmation should reach the purchaser not later than the deadline for submission of bids. No bid shall be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified. Withdrawal of a bid during this period will result in the in-Bidder’s forfeiture of bid security. Submission of bid means that the bidder has read all the terms and conditions of this Tender Documents carefully and will comply with them unconditionally. Conditional bids shall not be accepted.
10. **Rejection of Bids:** Canvassing by the Bidder in any form, unsolicited letter and post-tender correction may invoke summary rejection with forfeiture of EMD.
11. **Validity of Bids:** The Bids should remain valid till **90 days** from the last date of submission of the Bids.
12. **Earnest Money Deposit (EMD):** Bidders are required to submit (EMD) of the amount

Rs. 1,7,000/- (**Rupees one lakh seventy thousand only**) along with their bids. The EMD may be submitted in the form of an Account Payee Demand Draft from any of the public sector banks or a private sector bank authorized to conduct government business payable **in favor of "Indian Institute of Management, Kashipur "** payable at Kashipur. EMD is to remain valid for a period of forty-five days beyond the final bid validity period. EMD of the unsuccessful bidders will be returned to them at the earliest after the expiry of the final bid validity and latest on or before the 30th day after the award of the contract. The EMD of the successful bidder would be returned, without any interest whatsoever, after the receipt of a Security Deposit from them as called for in the contract. The EMD will be forfeited if the bidder withdraws, or amends impairs or derogates from the tender in any respect within the validity period of their tender.

- a. **Security Deposit:** The Bidder will be required to furnish a Security Deposit by way of Demand Draft through a public sector bank or a private sector bank authorized to conduct government business for a sum equal to 5 % of the contract value within 30 days of receipt of the confirmed order. EMD shall be released after receiving a Security deposit from the successful bidder.
13. The Security Deposit shall be released after the completion of the Defect Liability Period of this Contract based on the "Completion Certificate" issued by IIM KASHIPUR stating that the Bidder has completed the work in all respects, satisfactorily. The Security Deposit, however, shall be released only after the expiry of the defect and liability & warranty period.
14. **Payment Terms** - Payments will be made through ECS/ NEFT/RTGS after submission of the ink- signed bills for the completed services. Taxes like GST etc. will be paid as per Govt. norms. No advance payment(s) will be made. On receipt of the Final payment, the bidder shall furnish a "No Claim Certificate" to IIM Kashipur.
15. The bidder should read all the instructions, terms & conditions, contract clauses, nomenclature of items, specifications etc., contained in the bid document carefully, before quoting the rates.
16. General Conditions of Contracts 2020 (GCC 2020) for Maintenance Works (Amended up to date) published by D.G. CPWD, Nirman Bhawan, New Delhi-110011 shall form part of the Agreement.
17. The bidder shall quote his rates for the specifications, terms & conditions, additional and special conditions, etc. and nothing extra shall be payable.
18. The contractors are advised to visit the site of work to have an idea of the execution of the work; failure to do so will not absolve their responsibility to do the work as specified.
19. The rates quoted by the contractor should be based on on-site inspection. No extra cost is allowed in the said job in case of variations.
20. The contractor shall follow standard operating procedures and guidelines for the covid-19 outbreak as applicable at the time of work and nothing extra shall be payable on this account.
21. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
22. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with, and other necessary documents can be seen and downloaded from the website <http://www.iimkashipur.ac.in> free of cost. But the bid can only be submitted after submitting **Declaration on EMD in the given format. (Form-G)** and other documents as specified.
23. Contractors are to Print and submit the documents with Bid.

24. List of Documents to be within the period of bid submission:

- i) *Copy of Declaration on EMD in the given format. (Form-G)*
- ii) **similar works experience certificate** in any Govt organization i.e., 3 no. works each of value not less than 40% of estimated cost put to tender or 2 no. works each of value not less than 60% of estimated cost put to tender or 1 no. work of value not less than 80% of the estimated cost put to tender the last 5 years ending previous month. The experience certificate shall be signed by the Executive Engineer or equivalent ranked officer.
- iii) *GST registration certificate if already obtained by the bidder.*  
*"If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one month from the date of receipt of the award letter or before the release of any Payment by IIM Kashipur, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by IIM or GST department in this regard".*

**Signature of the Executive Engineer,  
For and on behalf of the IIM Kashipur**



## **Brief Scope of work**

**Name of work:** Supply and Installation of external & Internal Signage for IIM Kashipur  
(Only for general reference and SOQ prevails over these provisions)

Work will be carried out as per attached BOQ, design and drawings and as per direction of Engineer IN charge.

### **Technical Specification**

**As per attached signage and information Display handbook**



## **PART – A**

**NOTICE INVITING TENDER, TENDER FORM, SCHEDULES - A  
TO F FOR MAJOR COMPONENT OF WORK AND STANDARD  
GCC FOR (CONSTRUCTION WORK) AMENDED/ MODIFIED UP  
TO LAST DATE OF TENDER SUBMISSION**





## **CPWD-6 FOR TENDERING**

**1. Percentage Rate bids** are invited on behalf of IIM Kashipur from approved and eligible contractors the work of Supply and Installation of external & Internal Signage for IIM Kashipur having experience for execution of **similar works** in any Govt organization i.e. 3 no. works each of value not less than 40% of estimated cost put to tender or 2 no. works each of value not less than 60% of estimated cost put to tender or 1 no. work of value not less than 80% of the estimated cost put to tender the last 5 years ending previous month. The experience certificate shall be signed by the Executive Engineer or equivalent ranked officer.

**Similar works means Signage works.**

- 1.1. The work is estimated to cost **Rs.84,95,189/-** This estimate, however, is given merely as a rough guide.
2. Agreement shall be drawn with the successful bidder on prescribed Form No. **CPWD 7** (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website [www.cpwd.gov.in](http://www.cpwd.gov.in). Bidder shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be 6 months from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. **The site for the work is available.**
5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen from website <http://www.iimkashipur.ac.in/> free of cost.
6. *Copy of Declaration on EMD in the given format. (Form-G) in lieu of EMD shall be submitted to the IIM Kashipur by the intending bidder up to the specified bid submission date and time.*

*Copy of Enlistment Order and other documents as specified in the bid document shall be printed to the tendering within the period of bid submission.*

*However, certified copies of all the documents as specified in the bid document shall have to be submitted by the lowest bidder only along with a Declaration on EMD in given format. (Form-G) in lieu of EMD submitted within a week physically in the office of tender opening authority.*

*bid documents submitted by intending bidders shall be opened only by those bidders, whose Declaration on EMD in given format. (Form-G) in lieu of EMD and other documents are found in order* **The bid submitted shall be opened at 03:30 PM on 02 March 2023.**

**7. The bid submitted shall become invalid and the tender processing fee shall not be refunded if:**

- (i) **The bidder is found ineligible.**



- (ii) ***The bidder does not submit copies of all the documents (including GST registration OR Undertaking in lieu of GST registration) as stipulated in the bid documents including the copy of Declaration on EMD in the given format. (Form-G) in lieu of EMD.***
- (iii) If any discrepancy is noticed between the documents as submitted at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
- (iv) If a tenderer quotes nil rates against each item-on-item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/sub-head in percentage rate tender, the tender shall be treated as invalid and will not be considered as a lowest tenderer.
8. *The contractor whose bid is accepted will be required to furnish a performance guarantee of 5% (Five Percent) of the accepted tendered amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case the guaranteed amount is less than Rs. 10,000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any Scheduled Bank of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form .In case the Bidder fails to deposit the said performance guarantee within the period as indicated in schedule 'F' including the extended period if any, tender shall be canceled and tenderer shall be suspended for one year and shall not be eligible to bid for IIM tenders from date of issue of the suspension order.*  
***The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident fund code no. if applicable***
9. *Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other Services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the IIM Kashipur and local conditions and other factors having a bearing on the execution of the work.*
10. The competent authority on behalf of the IIM Kashipur does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed conditions are not fulfilled or any condition including that of the conditional rebate is put forth by the bidders shall be summarily rejected.
11. *Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable to rejection.*
12. The competent authority on behalf of the IIM Kashipur reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.

13. The contractor shall not be permitted to bid for works in the IIM Kashipur, responsible for award and execution of contracts, in which his near relative is posted as Director, CAO, SPO, FA cum CAO or as an officer in any capacity between the grades of Junior Engineer and above. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette officer in IIM Kashipur. Any breach of this condition by the contractor would render him liable to be banned from working in IIM.
14. No Engineer of Gazette Rank or other Gazette Officer employed in Engineering or Administrative duties in an Engineering Department of the IIM Kashipur is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be canceled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
15. The bids for the work shall remain open for acceptance for a period of **Thirty (30) days** from the date of opening of bids further.
- (i) *If any tenderer withdraws his tender or makes any modification in the terms and conditions of the tender which is not acceptable to the department, after the last date of submission of bid, then the IIM Kashipur shall, without prejudice to any other right or remedy, be at liberty to suspend tenderer for one year and shall not be eligible to bid for IIM Kashipur tenders from date of issue of the suspension order.*
16. This notice inviting Bids shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority, shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:
- (i) The Notice Inviting Bid, all the documents including additional conditions, specifications, and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
17. **Standard CPWD Form-7**, The bid document will include the following three components:
- Part A:** CPWD-6, CPWD-7 including schedule A to F for Major components of the work and Standard General Conditions of Contract for CPWD 2020 (Construction work) as amended/ modified up to the last date of submission of a bid.
- Part B:** General/Special Conditions, Specification, and Schedule of Quantities applicable to Major components of the work.
- Part C:** Schedule A to F for minor components of the work. (*Competent authority under clause 2 and clause 5 shall be the same authority as mentioned in schedules A to F for major components*). General/Specific conditions, Specifications, and Schedule of Quantities applicable to Minor component(s) of the work.
- i. *The eligible bidders shall quote rates for all items of major components as well as for all items of minor components of work.*
- ii. *After acceptance of the bid by competent authority, the EE in charge of major components of the work shall issue a letter of award on behalf of the IIM Kashipur. After the work is awarded, the main contractor will have to enter into one agreement with EE in charge of major components and has also to*

*sign two or more copies of agreement depending upon number of EE's/DDH in charge of minor components. One such signed set of agreement shall be handed over to EE/DDH in charge of minor components. EE of major components will operate part A and part B of the agreement. EE/DDH in charge of minor component(s) shall operate Part C along with Part A of the agreement.*

*iii. Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement*

*iv. Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of work.*

**20.1.12A. The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by the Engineer-in-charge of major components after record of the completion certificate by the Engineer-in-charge of all other minor components.**

20.1.12B. Final bill of the whole work shall be finalized and verified by Engineering IN charge.

Signature of the Executive Engineer,

**For and on behalf of IIM**





## **INDIAN INSTITUTE OF MANAGEMENT, KASHIPUR**

### **PERCENTAGE RATE TENDER & CONTRACT FOR WORKS**

#### **Tender for the work of Supply and Installation of External & Internal Signage for IIM Kashipur**

To be uploaded by **15:00 Hrs on 02 March 2023** on website: [www.iimkashipur.ac.in](http://www.iimkashipur.ac.in)

To be opened in the presence of tenderers who may be present at **15:30 Hrs 02 March 2023** - at the Main Gate, **IIM Kashipur Uttarakhand.**

### **TENDER**

I/We have read and examined the notice inviting tender, schedule-A, D, E & F, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of the contract, Special conditions, Schedule of Rate & other documents, and rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the IIM Kashipur within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions & in clause 11 of the Conditions of Contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for **Thirty (30) days** from the date of its opening and not to make any modifications in its terms and conditions.

If I/We fail to furnish the prescribed performance guarantee within the prescribed period, then I/we shall be suspended for one year and shall not be eligible to bid for IIM Kashipur tenders from the date of issue of the suspension order. Further, if I/We fail to commence work as specified, I/We agree that IIM Kashipur or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely, the said performance guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work. I/we undertake and confirm that eligible similar work(s) has/have not been executed through another agency on a back to back basis. Further that, if such a violation comes to the notice of the Department, then I/we shall be debarred for tendering in IIM Kashipur in future forever. Also, if



such a violation comes to the notice of the Department before the date of start of work, the Engineer-in-charge shall be free to forfeit the entire amount of Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents, drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety and integrity of the State.

**Dated:**

**Signature of Contractor**

**Postal Address:**

**Witness:**

**Address:**

**Occupation:**



**ACCEPTANCE**

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the IIM Kashipur for a sum of Rs. ....(Rupee. ....).

The letters referred to below shall form part of this contract agreement:

- (a) .....
- (b) .....
- (c) .....

(For & on behalf of IIM Kashipur)

Dated: .....

Signature.....

Designation.....



## **PROFORMA OF SCHEDULES: A TO F**

### **SCHEDULE 'A'**

Schedule of quantities: (for Civil Works: As per sheets attached)

### **SCHEDULE 'D'**

Extra schedule for specific requirements/documents for the work, if any: Nil

### **SCHEDULE 'E'**

**Reference to General Conditions of Contract:** General Conditions of Contract-2020 (**Construction works**) as amended/modified up to the last date of submission of Tenders.

**Name of Work: Supply and Installation of external & Internal Signage for IIM Kashipur**

**Estimated cost of work: Total Estimated cost: Rs. 84,95,189/-**

(i)	Earnest Money	<b>Rs.1,70,000/-</b>
(ii)	Performance Guarantee	<b>5% of tendered value</b>
(iii)	Security Deposit	<b>5% of tendered value</b>

### **Special Condition of Contract**

#### General

1. The contents of special conditions take precedence over the general 'Clauses of Contract.
2. If the lowest bid is seriously unbalanced or front loaded in the opinion of the institute, the institute may require the bidder to produce detailed price analysis for any or all items of the bill of quantities to demonstrate the internal consistency of those prices with the construction method and schedule proposed. After evaluation of the price analysis the institute may require that the performance bank guarantee be increased at the expense of the bidder to a level sufficient to protect the institute against financial loss in the event of default of the successful bidder under the contract.
3. The following clauses of the contract under the "Conditions of contract" are amended as under:



Schedule – F

GENERAL RULES & DIRECTIONS:

Officer Inviting Tender            The Director, IIM Kashipur,  
Kundeshwari, Kashipur,  
Dist. Udhan Singh Nagar,  
Uttarakhand,

Definitions:-		
2 (V)	Engineer-in-Charge	The Executive Engineer (Civil), IIM Kashipur
2 (Viii)	Accepting Authority	The Director, IIM Kashipur,
2 (X)	Percentage on cost of material and labour to cover all overheads and profits	15%
Clause 1		
	Time allowed for submission of performance guarantee from the date of issue of letter of acceptance	15 Calendar days
	Maximum allowable extension with late fee @ 1% per day of Performance Guarantee amount beyond the period provided in (i) above (1-15 Days)	7 Calendar days
Clause 2		
	Authority for fixing compensation under clause 2	Engineer-in-Charge
Clause 2A	Whether clause 2A shall be applicable	Yes
Clause 5		
	Number of days from the date of issue of letter of acceptance for reckoning date of start	15 Calendar days
<b>Table of Milestone:- As per Table Given below</b>		

S.No.	Description of Milestone (Physical)	Time Allowed in Days (From date of start)	Amount to be withheld in case of non-achievement of milestone (Percentage of bid amount)
	-----NIL-----		



Time allowed for execution of work		6 Months for Date of LOA
<b>Authority to decide</b>		
Extension of time:		Chief Engineer
Re-scheduling of time		Chief Engineer
Shifting of date of start in case of delay in handing over of site		Chief Engineer
Validity of the tender		90 days from the last submission date
Retention Money (Security Deposit)		5 % of the Bid Amount
Date of Commencement		7 days from the date of Letter of Acceptance
Defects liability period/Warranty		12 Months from date of Virtual completion Certificate
Performance Guarantee		5% of Contract Amount to be submitted as Bank Guarantee within 15 days of receipt of Letter of Intent / acceptance (valid up to one month after the completion period of the contract / extended period if permitted). This Performance Guarantee shall be returned within one month after work completion Period (or its extension) with satisfactory work.
Release of Retention Money (Security Deposit)		After satisfactory completion of the defect liability period of 12 Months
Compensation for delay		5 % (Five Percent) per month of delay to be computed on per day basis and imposed over contractor if it is attributable to it
Limit of Compensation for delay		10% of the contract value
Documents to be submitted by contractor for initial payment		Performance Bank Guarantee, agreement, any document required by Engineer-in-charge
Taxes, Levy, Duty, Octroi, GST, etc. (existing at the scheduled date and time of bid submission)		All are included in quotation provided by bidder.
Taxes, Levy, Duty, Octroi, GST, etc. (change in taxes after scheduled date and time of bid submission)		Recoverable or payable as applicable, after submission of adequate proof of imposition and payment of taxes by contractor; to the satisfaction of Engineer-in-charge of IIM Kashipur`
Sample approval, Pre-dispatch / Stage Inspection & Insurance cost		Cost included in the quotation provided by bidder. <input type="checkbox"/> Sample approval by IIM Kashipur or its authorized representative is must before procurement <input type="checkbox"/> Material when delivered shall be inspected with approved sample for acceptance
Clause	Whether clause 10CA shall be	Not Applicable

10 CA	applicable	
Clause 10 CC	Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in the next column	Not Applicable
Clause 11	Specification to be followed	CPWD specification and relevant IS code for maintenance
Clause 18	List of mandatory machinery, tools & plants to be deployed by the contractor	No tools/equipment shall be issued to contractor by IIM Kashipur
Clause 25	Constitution of Dispute Redressal Committee (DRC)	
S.No.	Designations	
1	Conciliator	Director, IIM Kashipur
2	Arbitrator Appointing Authority	Director, IIM Kashipur
3	Place of Arbitration	Kashipur, US Nagar, Uttarakhand
Clause 38	Theoretical consumption of material	Not Applicable
Clause 41	Release of Security deposit after labour clearance	Not Applicable
<b>Addendum for GCC</b>		
	<b>Terms used in GCC</b>	<b>To be read as below in IIM Kashipur's prospective</b>
1	President	Director
2	President of India	Director of IIM Kashipur
3	CPWD	To be read as IIM Kashipur if it is referred as department.
4	Government	Government/ IIM Kashipur as the case may be
5	The officer above Chief Engineer level	Director or its authorized representative.

## **INTEGRITY PACT**

To,

**All Bidders**

**Subject:** NIT No IIMKASHIPUR/WORKS DEPTT/NIT/14/2022-23 dated 02 February 2023  
for the work: Supply and Installation of external & Internal Signage for IIM Kashipur

Dear Sir,

It is hereby declared that IIM Kashipur is committed to follow the principle of transparency, equity, and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer /bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the IIM Kashipur.

Yours faithfully

Executive Engineer-IIM Kashipur

To,

Executive Engineer- IIM Kashipur,  
Uttarakhand.

**Subject:** IIMKASHIPUR/WORKS DEPTT/NIT/14/2022-23 dated 02 February 2023  
for the work: **Supply and Installation** of external & Internal Signage for IIM Kashipur

Dear Sir,

I/We acknowledge that IIM Kashipur is committed to following the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by IIM Kashipur. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, IIM Kashipur shall have the unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

**TO BE SIGNED BY THE BIDDER AND SAME SIGNATORY COMPETENT /  
AUTHORIZED TO SIGN THE RELEVANT CONTRACT WITH CPWD**

**INTEGRITY AGREEMENT**

This Integrity Agreement is made at ..... on this ..... day of .....20.....

**BETWEEN**

Director IIM represented through Executive Engineer- IIM Kashipur (Address of Division) ,  
(Hereinafter referred as the ‘**Principal/Owner**’, which expression shall unless repugnant to the  
meaning or context thereof include its successors and permitted assigns)

**AND**

..... (Name and Address of the Individual / firm/ Company)  
..... through ..... (Hereinafter referred to as the (Details of duly  
authorized signatory) “**Bidder/Contractor**” and which expression shall unless repugnant to the  
meaning or context hereof include its successors and permitted assigns)

**PREAMBLE:**

WHEREAS the Principal / Owner has floated the Tender (NIT No. IIMKASHIPUR/WORKS DEPTT/  
NIT/14/ 2022-23 dated 02 February 2023) (hereinafter referred to as “**Tender/Bid**”) and intends to  
award, under laid down organizational procedure, contract for **Supply and Installation of external  
& Internal Signage for IIM Kashipur** hereinafter referred to as the “**Contract**”.

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules,  
regulations, economic use of resources, and of fairness/transparency in its relation with its Bidder(s)  
and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this  
Integrity Agreement (hereinafter referred to as “**Integrity Pact**” or “**Pact**”), the terms and  
conditions of which shall also be read as integral part and parcel of the Tender/Bid documents  
and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties  
hereby agree as follows, and this Pact witness as under:

**ARTICLE 1: Commitment of the Principal/Owner**

- 1) The Principal/Owner commits itself to taking all measures necessary to prevent corruption  
and to observe the following principles:
  - (a) No employee of the Principal/Owner, personally or through any of his/her family  
members, will in connection with the Tender, or the execution of the 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/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidders(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/Owner shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
- 2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act,1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

**ARTICLE 2: Commitment of the Bidder(s)/Contractor(s)**

- 1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government/Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
- 2) The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
  - a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or 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)/Contractor(s) will not enter with other Bidder(s) 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 cartelize in the bidding process.
  - c) The Bidder(s)/Contractor(s) will not commit any offence under relevant IPC/PC Act. Further the Bidder(s)/Contract(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details including information contained or transmitted electronically.
  - d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly, Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and address of foreign agents/representatives, if any. Either the India agent on behalf of the foreign principal or the foreign principal directly

could bid in a tender but not both. Further, in cases where an agent participates in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

- e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose (with each tender as per proforma enclosed) any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
- 3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offenses outlined above or be an accessory to such offenses.
- 4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to detriment of the Government interests.**
- 5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/her reputation or property to influence their participation in the tendering process).

### **ARTICLE 3: Consequences of Breach**

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

- 1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. **Such exclusion may be forever or for a limited period as decided by the Principal/Owner.**
- 2) **Forfeiture of performance Guarantee/Security Deposit:** If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Performance Guarantee and Security Deposit of the Bidder/Contractor.

- 3) **Criminal Liability:** If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of Indian Penal code (IPC)/Prevention of Corruption Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

#### **ARTICLE 4: Previous Transgression**

- 1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country conforming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
- 2) If the Bidder makes an incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/holiday listing of the Bidder/Contractor as deemed fit by the Principal/Owner.
- 3) If the Bidder/Contractor can prove that he has resorted/recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

#### **ARTICLE 5: Equal Treatment of all Bidders/Contractors/Subcontractors**

- 1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/sub-vendors.
- 2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
- 3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

#### **ARTICLE 6: Duration of the Pact**

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor, 15 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, CPWD.

#### **ARTICLE 7: Other Provisions**

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the **Headquarters of the Division** of the Principal/Owner, who has floated the Tender.
- 2) Changes and supplements need to be made in writing. Side agreements have not been made.



- 3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
- 4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 5) It is agreed that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement/Pact, any action taken by the Owner/Principal in accordance with this **Integrity Agreement/Pact or interpretation thereof shall not be subject to arbitration.**

**ARTICLE 8: LEGAL AND PRIOR RIGHTS**

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contract documents with regard to any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....  
 (For and on behalf of Bidder/Contractor)

.....  
 (For and on behalf of IIM Kashipur)

WITNESSES:

Date:

1. ....

Place:

(Signature, name and address)

2. ....

(Signature, name and address)

**Format for Earnest Money Deposit Declaration by the Agency**

**(To be given on Ten Rupees Non-Judicial Stamp paper duly notarized)**

Whereas I/we..... (Name of agency) have submitted bids for **Supply and Installation of external & Internal Signage for IIM Kashipur** I/We hereby submit the following **declaration** in lieu of submitting Earnest Money Deposit.

*(1) If after the opening of bid, I/We withdraw or modify my/our bid during the period of validity of tender (including extended validity of tender) specified in the tender documents,*

**or**

*(2) If, after acceptance of the bid, I/we fail to submit performance guarantee before the deadline as defined in the NIT / bid document,*

I/we shall be suspended **from bidding, making me/us** ineligible to bid for IIM Kashipur tenders **all over India for a period of one year from the** date of issue of the order **stating so and issued under the authority of Executive Engineer of this work.**

**Signature of the contractor (s)**

**Name of Agency with complete address & email ID**

**Note: Executive Engineer shall initiate issue of show cause notice to the contractor who has violated Earnest Money Deposit Declaration within 15 days of violation by the contractor and his decision (to be taken within 60 days of violation by the contractor) thereof shall be final and binding on the contractor.**

**FORM OF PERFORMANCE SECURITY (GUARANTEE)**

**(BANK GUARANTEE BOND)**

In consideration of the IIM Kashipur having offered to accept the terms and conditions of the proposed agreement between..... and ..... (hereinafter called “the said contractor(s)”) for the work ..... (hereinafter called “the said agreement ”) having agreed to production of an irrevocable Bank Guarantee for Rs. .... (Rupees ..... only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement,

1. We, .....(hereinafter referred to as “the Bank”) hereby undertake to pay to the Government an amount not exceeding Rs. .... (Rupees ..... only) on demand by the Government.
2. We, ..... (indicate the name of the bank)..... do hereby undertake to pay the amounts due and payable under this Guarantee without any demure, merely on a demand from the Government stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. ....(Rupees..... only).
3. We, the said bank, further undertake to pay to the government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment made by us under this bond shall be a valid discharge of our liability for payment thereunder and the contractor(s) shall have no claim against us for making such payment.
4. We, ..... (indicate the name of the bank)..... further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for performance of the said agreement and that it shall continue to be enforceable till all the dues of the IIM Kashipur under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-charge on behalf of the IIM Kashipur certified that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges this guarantee.
5. We, ..... (indicate the name of the bank).....further agree with the IIM Kashipur that the IIM Kashipur shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the government against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of the IIM Kashipur or any indulgence by the IIM Kashipur to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).
7. We, ..... (indicate the name of the bank) ..... lastly undertake not to revoke this guarantee except with the previous consent of the IIM Kashipur in writing.
8. This guarantee shall be valid up to....., unless extended on demand by the IIM Kashipur. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs.....(Rupees.....only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated: the..... day of .....

Seal & Signature with Name & Address

For ...(indicate the name of the bank) ...

# **PART – B**

**GENERAL/SPECIAL CONDITIONS, PARTICULAR SPECIFICATIONS AND SCHEDULE OF QUANTITIES FOR MAJOR COMPONENT OF WORK.**

## **GENERAL CONDITIONS**

1. The order of preference in case of any discrepancy as indicated in condition No. 8.1 under “Conditions of Contract” given in standard CPWD Contract form may be read as the following:
  - (i) **Nomenclature of items as per Schedule of Quantities**
  - (ii) **General, Special Conditions and Particular Specifications as provided forming part of the tender document.**
  - (iii) **CPWD Specifications with up-to-date Correction slips**
  - (iv) **Architectural/Structural drawings**
  - (v) **Indian Standard Specifications of BIS**
  - (vi) **National Building Code - 2016**
  - (vii) **Manufacturer’s specifications.**
  - (viii) **Sound Engineering Practices**
  - (ix) **Decision of Engineer-in-charge**

A reference made to any Indian Standard Specifications in these documents, shall imply to the latest version of that standard, including such revisions / amendments as issued by the Bureau of Indian Standards up to the last date of receipt of tenders. The Contractor shall keep at his own cost all such publications of relevant Indian Standard applicable to the work at site.

2. The tenderer shall acquaint himself with the proposed site of work, its approach roads, working space available etc. before quoting his rates and no claim on this account shall be entertained by the department.
3. The tenderer shall see the approaches to the site. In case any approach from main road is required at site or existing approach is to be improved and maintained for cartage of materials by the contractor, the same shall be provided, improved and maintained by the contractor at his own cost. No payment shall be made on this account and the quoted rates shall be deemed to be inclusive of all such activities.
4. Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the occupants / users of building/adjacent properties.
5. Some restrictions may be imposed by the security agencies /client on the working and on movement of labour, materials etc in the campus/site and may require to issue identity cards to all persons authorized by the contractor to do work / visit the work site. ***The contractor shall be bound to follow all such restrictions / instructions and no claim whatsoever on this account will be entertained. The loss of time on this account, if any, shall have to be made up by generating additional resources etc.at no extra cost.***
6. ***The rates quoted by the contractor are deemed to be inclusive of site clearance, setting out work, profile, establishment of reference benchmark, spot levels, construction of all safety and protection devices, barriers, earth embankments, preparatory works, all testing of materials, working during monsoon, working at all depths, height and locations etc. unless specified in the schedule of quantities.***
7. No payment shall be made for any damage caused by rain, snowfall, flood or any other natural calamity, whatsoever during the execution of the work. The contractor shall be fully responsible for any damage to the govt. property and work for which the payment has been advanced to him under the contract and he shall make good the same at his risk and cost. The contractor shall be fully responsible for safety and security of his material, T&P, Machinery brought to the site by him.

8. *The contractor shall deploy adequate resources e.g. manpower, labour, T&P, Plant & Equipment etc. as per actual requirement of work. No damages/compensation shall be payable on account of idle manpower, labour, T&P, Plant and Equipment and loss of profit etc. for whatsoever reason.*
9. The rates for all items of work shall, unless clearly specified otherwise, include cost of all labour, material, tools and plants and other inputs including **all heights/depths, leads and carriages involved** in the execution of the item.
10. *The contractor (s) shall quote all-inclusive rates against the items in the schedule of quantities and nothing extra shall be payable for any of the conditions and specifications mentioned in the tender documents unless specifically specified otherwise.*
11. *The rates for all items shall be considered as inclusive of pumping/baling out water, if necessary, for which no extra payment shall be made. Those conditions shall be considered to include water from any source such as inflow of flood, rain water, surface drainage or due to any other reason including surface and sub-soil water etc. and shall apply to the execution in any season.*
12. The work shall be executed and measured as per metric dimensions given in the Schedule of quantities, drawings etc. (FPS units wherever indicated are for guidance only).
13. *Unless otherwise specified in the schedule of quantities, the rates tendered by the contractor shall be inclusive of all costs & taxes and shall apply to all leads and lifts and nothing extra shall be payable on this account.*
14. The contractor shall maintain in perfect condition, all portions executed till completion of the entire work allotted to him. Where however phased delivery of work is contemplated these provisions shall apply separately to each phase.
15. All material shall only be brought at site as per program finalized with the Engineer-in-Charge. Any pre-delivery of the material not required for immediate consumption shall not be accepted and thus not paid for.
16. The Contractor shall bear all incidental charges for **all type of cartridge/carriage upto execution site**, storage and safe custody of materials issued by department/arranged by the contractor.

#### **47.0 Quality Assurance**

47.1 The contractor shall ensure quality control measures on different aspects of construction including materials, workmanship and correct construction methodologies to be adopted.

#### **49.3 PRESERVE AND PROTECT LANDSCAPE DURING CONSTRUCTION**

- 49.3.1 The contractor shall ensure that no trees, existing or otherwise, shall be harmed and damage to roots should be prevented during trenching, placing backfill, driving or parking heavy equipment, dumping of trash, oil, paint, and other materials detrimental to plant health. These activities should be restricted to the areas outside of the canopy of the tree, or, from a safe distance from the tree/plant by means of barricading. Trees will not be used for support; their trunks shall not be damaged by cutting and carving or by nailing posters, advertisements or other material. Lighting of fires or carrying out heat or gas emitting construction activity within the ground, covered by canopy of the tree is not to be permitted.
- 49.3.2 The contractor shall take steps to protect trees or saplings identified for preservation within the construction site using tree guards of approved specification.
- 49.3.4 The contractor shall avoid cutting and filling in the root zones, through delineating and fencing the drip line (the spread limit of a canopy projected on the ground) of all the trees

or group of trees. Separate the zones of movement of heavy equipment, parking, or excessive foot traffic from the fenced plant protection zones.

49.3.5 The contractor shall ensure that maintenance activities during construction period shall be performed as needed to ensure that the vegetation remains healthy.

49.3.8 The contractor shall provide potable water for all workers.

49.3.10 The contractor shall ensure that air pollution due to dust/generators is kept to a minimum, preventing any adverse effects on the workers and other people in and around the site. The contractor shall ensure proper screening, covering stockpiles, covering brick and loads of dusty materials, wheel-washing facility, gravel pit, and water spraying. Contractor shall ensure the following activities to prevent air pollution during construction:

- (i) Clear vegetation only from areas where work will start right away
  - (ii) Vegetate / mulch areas where vehicles do not ply.
  - (iii) Apply gravel / landscaping rock to the areas where mulching / paving is impractical
  - (iv) Identify roads on-site that would be used for vehicular traffic. Upgrade vehicular roads (if these are unpaved) by increasing the surface strength by improving particle size, shape and mineral types that make up the surface & base. Add surface gravel to reduce the source of dust emission. Limit amount of fine particles (smaller than 0.075mm) to 10 - 20%
  - (v) Water spray, through a simple hose for small projects, to keep dust under control. Fine mists should be used to control fine particulates. However, this should be done with care so as not to waste water. Heavy watering can also create mud, which when tracked onto paved public roadways, must be promptly removed. Also, there must be an adequate supply of clean water nearby to ensure that spray nozzles don't get plugged.
  - (vi) Water spraying shall be done on:
    - (a) Any dusty materials before transferring, loading and unloading
    - (b) Area where demolition work is being carried out
    - (c) Any unpaved main haul road
    - (d) Areas where excavation or earth moving activities are to be carried out
  - (vii) The contractor shall ensure that the speed of vehicles within the site is limited to 10 km/hr.
  - (viii) All material storages should be adequately covered and contained so that they are not exposed to situations where winds on site could lead to dust / particulate emissions.
  - (ix) Spills of dirt or dusty materials will be cleaned up promptly so the spilled material does not become a source of fugitive dust and also to prevent seepage of pollutant laden water into the ground aquifers. When cleaning up the spill, ensure that the clean-up process does not generate additional dust. Similarly, spilled concrete slurries or liquid wastes should be contained / leaned up immediately before they can infiltrate into the soil / ground or runoff in nearby areas
- 49.3.11 Contractor shall be required to provide an easily accessible area that serves the entire building and is dedicated to the separation, collection and storage of materials for recycling including (at a minimum) paper, corrugated cardboard, glass, plastics, and metals.



- 49.3.12 The contractor shall ensure that no construction leachate (e.g. cement slurry etc.), is allowed to percolate into the ground. Adequate precautions are to be taken to safeguard against this including, reduction of wasteful curing processes, collection, basic filtering and reuse. The contractor shall follow requisite measures for collecting drainage water run-off from construction areas and material storage sites and diverting water flow away from such polluted areas. Temporary drainage channels, perimeter dike/swale, etc. shall be constructed to carry the pollutant-laden water directly to the treatment device or facility (municipal sewer line).
- 49.3.14 The contractor shall comply with the safety procedures, norms and guidelines (as applicable) as outlined in the document Part 7 Constructional practices and safety, National Building code -2016 Bureau of Indian Standards. A copy of all pertinent regulations and notices concerning accidents, injury and first-aid shall be prominently exhibited at the work site. Depending upon the scope & nature of work, a person qualified in first-aid shall be available at work site to render and direct first-aid to casualties. A telephone may be provided to first-aid assistants with telephone numbers of the hospitals displayed. Complete reports of all accidents and action taken thereon shall be forwarded to the competent authorities.
- 49.3.15 The contractor shall ensure the following activities for construction workers safety, among other measures:
- (i) Guarding all parts of dangerous machinery.
  - (ii) Precautionary signs for working on machinery
  - (iii) Maintaining hoists and lifts, lifting machines, chains, ropes, and other lifting tackles in good condition.
  - (iv) Durable and reusable formwork systems to replace timber formwork and ensure that formwork where used is properly maintained.
  - (v) Ensuring that walking surfaces or boards at height are of sound construction and are provided with safety rails or belts.
  - (vi) Provide protective equipment; helmets etc.
  - (vii) Provide measures to prevent fires. Fire extinguishers and buckets of sand to be provided in the fire-prone area and elsewhere.
  - (viii) Provide sufficient and suitable light for working during night time.
- 49.3.16 The storage of material shall be as per standard good practices as specified in Part 7, Section 3. Storage, stacking and Handling practices, NBC 2016 and shall be to the satisfaction of the Engineer in Charge to ensure minimum wastage and to prevent any misuse, damage, inconvenience or accident. Watch and ward of the Contractor's materials shall be his own responsibility. There should be a proper planning of the layout for stacking and storage of different materials, components and equipment with proper access and proper maneuverability of the vehicles carrying the materials. While planning the layout, the requirements of various materials, components and equipment at different stages of construction shall be considered.

- 49.3.17 The contractor shall provide for an adequate number of garbage bins around the construction site and the workers facilities and will be responsible for the proper utilization of these bins for any solid waste generated during the construction. The contractor shall ensure that the site and the workers facilities are kept litter free. Separate bins should be provided for plastic, glass, metal, biological and paper waste and labeled in both Hindi and English with suitable symbols.
- 49.3.18 The contractor shall prepare and submit spill prevention and control plans before the start of construction, clearly stating measures to stop the source of the spill, to contain the spill, to dispose of the contaminated material and hazardous wastes, and stating designation of personnel trained to prevent and control spills. Hazardous wastes include pesticides, paints, cleaners, and petroleum products.
- 49.3.21 Where possible, the contractor shall select materials/vendors, harvested and manufactured regionally.
- 49.3.23 The contractor shall ensure that neat and deep cleaning of all internal spaces is conducted prior to handover. This shall comprise an opening of all doors and windows for 14 days to vent out any toxic fumes due to paints, varnishes, polishes, etc.
- 49.3.24 Contractor shall make efforts to reduce the quantity of indoor air contaminants that are odorous or potentially irritating harmful to the comfort and well-being of installer and building occupants. Contractor shall ensure that the VOC (Volatile Organic Compounds) content of paints, coatings and primers used must not exceed the VOC content limits mentioned below:
- 49.3.25 Wherever required, Contractor shall meet and carry out documentation of all activities on site, supplementation of information, and submittals in accordance with IGBC LEED India New Construction v1.0 & GRIHA / or equivalent of GHAR, CPWD program standards and guidelines. Towards meeting the aforementioned building environmental rating standard(s) expert assistance shall be provided to him up on request.
- 49.3.26 Water Use during Construction
- Contractor should spray curing water on the concrete structure and shall not allow free flow of water. Concrete structures should be kept covered with thick cloth/gunny bags and water should be sprayed on them. Contractor shall do water ponding on all sunken slabs using cement and sand mortar bunds.
- 49.3.27 The Contractor shall remove from site all rubbish and debris generated by the Works and keep Works clean and tidy throughout the Contract Period. All the serviceable and non-serviceable (malba) material shall be segregated and stored separately. The malba obtained during construction shall be collected in well formed heaps at properly selected places, keeping in view safe conditions for workmen in the area. Materials which are likely to cause dust nuisance or undue environmental pollution in any other way, shall be removed from the site at the earliest and till then they shall be suitably covered. Glass & steel should be dumped or buried separately to prevent injury. The work of removal of debris should be carried out during the day. In case of poor visibility artificial light may be provided.

49.3.28 The contractor shall provide O & M Manuals wherever applicable.

#### 49.6 CONSTRUCTION WASTE

- (a) All construction debris generated during construction shall be carefully segregated and stored in a demarcated waste yard. Clear, identifiable areas shall be provided for each waste type. Employ measures to segregate the waste on site into inert, chemical, or hazardous wastes.
- (b) No construction debris shall be taken away from the site, without the prior approval of the Engineer in Charge.
- (c) The contractor shall recycle the unused chemical/hazardous wastes such as oil, paint, batteries, and asbestos.
- (d) If and when construction debris is taken out of the site, after prior permissions from the Engineer in Charge, then the contractor shall ensure the safe disposal of all wastes and will only dispose of any such construction waste in approved dumping sites.

#### **Clause 19G**

In the event of the contractor(s) committing a default or breach of any of the provisions of the Central Public Works Department, Contractor's Labour Regulations and Model Rules for the protection of health and sanitary arrangements for the workers as amended from time to time or furnishing any information or submitting or filing any statement under the provisions of the above Regulations and Rules which is materially incorrect, he/they shall, without prejudice to any other liability, pay to the Government a sum as decided by the authority mentioned in Schedule F for every default, breach or furnishing, making, submitting, filing such materially incorrect statements and in the event of the contractor(s) defaulting continuously in this respect, the penalty may be enhanced to as decided by the authority mentioned in Schedule F per day for each day of default subject to a maximum of 5 percent of the estimated cost of the work put to tender. The decision of the Engineer-in-Charge shall be final and binding on the parties.

## PART A- SCHEDULE OF QUANTITIES (Civil Work)

Name of work: Supply and Installation of external & Internal Signage for IIM Kashipur

<b>Abstract of Cost</b>					
<b>Name of Work : Supplying and Installation of External &amp; Internal Signage for IIM Kashipur.</b>					
<b>Location: Kundeshwari Road IIM Kashipur</b>					
Sl.No.	Description of Items	Unit	Quantity	Rate	Amount
1	<b>1.1 Category 1 Campus Level Signage 1.1 Type 1 Campus Information Signage Category: Campus Level Fixing Type: Self Standing Description: This type of signage identifies a plot within the campus. It indicates the name of the primary building in the plot in both English and Hindi. Design Parameters: Size Panel Face: Size (I x h): 1600mm x 1600mm, Post: Lxbxgauge Text/ Graphics: Text Font English: Arial Text Font Hindi: Devanagari Text Height: 60mm Disposition Mounting Height: Top of Sign at 1600mm from the ground.</b>	Nos	18.00	66,550.00	11,97,900.00
	<b>Material</b> Panel Face: Double- sided stainless steel plates (1mmTHK H/L finished 304 Grade), Post size 100mm x 100mm and 3mm thick Text and rule: Reflective White Vinyl. 12 mm thick ms				

	base plate with 100 mm thick Pcc base with M15, 450mm x 450mm x 900mm foundation with M20 grade cement concrete foundation Complete as per the direction of the Engineer in-charge				
2	<p><b>1.2 Category 2 I Plot Level Signage Information Signage type 1 Building Information Signage</b></p> <p><b>Category:</b> Plot Level  <b>Fixing Type:</b> Self Standing  <b>Description:</b> This type of signage identifies a plot within the campus. It indicates the name of the primary building in the plot in both English and Hindi.  <b>Design Parameters:</b>  <b>Size</b>  Panel Face: Size (l x h): 1600mm x 1600mm,  Post: Lxbxgauge  <b>2. Text/ Graphics:</b>  2.1Text Font English: Arial  Text Font Hindi: Devanagari  2.2Text Height: 60mm  <b>3. Disposition:</b>  3.2Mounting Height: Top of Sign at 1600mm from the ground.</p>	Nos	24.00	66,550.00	15,97,200.00
	<p><b>Material</b>  Panel Face: Double-sided stainless steel plates (1mmTHK H/L finished 304 Grade), Post size 100mm x 100mm and 3mm thick  Text and rule: Reflective White Vinyl. <b>Fixing Details:</b>  12 mm thick ms base plate with 100</p>				

	mm thick Pcc base with M15, 450mm x 450mm x 900mm foundation with M20 grade cement concrete foundation Complete as per the direction of the Engineer in-charge				
3	<p><b>Information</b>  <b>Signage Type 2</b>  <b>Building</b>  <b>Information</b>  <b>Signage</b>  <b>Category: Building</b>  <b>Level Fixing Type:</b>  Wall Mounted  <b>Description:</b>This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot. <b>Design</b>  <b>Parameters:</b>  <b>1. Size</b>  Size (Ix h): 470mm x 245mm  <b>2. Text/ Graphics:</b>  2.1 Text  Font: Arial  2.2 Text  Height: 35mm  <b>3. Disposition</b>  3.1 Mounting Height:  Top of Sign at eye level, 1600mm from the ground.  3.2 Location: Main Entry Facade of the building.  <b>4. Material</b>  4.1 Panel Face:Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade)  4.2 Text and rule:  Photochemical etching on ss plate</p>	Nos	43.00	1,513.00	65,059.00
	<p><b>Fixing Details:</b>  Wall mounted SS Plate signage fixed with required size ACP Plate, 3M Tape &amp; Screws</p>	Nos	15	1,041.00	15,615.00

	<p>Fixed in Exposed wall, for Faculty Vassa, Amphitheatre, Chaitya Block, Signage Plate Should be adjusted as per Brick Course (LVL+1575 bottom of the Plate)</p>				
	<p><b>Material</b>  Panel Face: Double-sided stainless steel plates (1mmTHK H/L finished 304 Grade), Post size 100mm x 100mm and 3mm thick  Text and rule: Reflective White Vinyl. <b>Fixing Details:</b>  12 mm thick ms base plate with 100 mm thick Pcc base with M15, 450mm x 450mm x 900mm foundation with M20 grade cement concrete foundation  Complete as per the direction of the Engineer in-charge</p>				

	<p><b>Fixing Details:</b> Wall mounted SS Plate signage fixed with required size ACP Plate, 3M Tape &amp; Screws</p>				
	<p>Fixed in Exposed wall, for Faculty Vassa, Amphitheatre, Chaitya Block, Signage Plate Should be adjusted as per Brick Course (LVL+1575 bottom of the Plate)</p>	Nos	15	1,041.00	15,615.00
4	<p><b>Information Signage Type 3</b> <b>Building Information Signage</b> <b>Category:</b> Building Level <b>Fixing Type:</b> Wall Mounted <b>Description:</b> This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot. <b>Design Parameters:</b> 1. Size (Ix h): 470mm x 245mm 2. <b>Text/ Graphics:</b> Text Font: Arial Text Height: 35mm <b>Disposition</b> Mounting Height: Top of Sign at eye level, 1600mm from the ground. Location: Main Entry Facade of the building. <b>Material</b> Panel Face: Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade) Text and rule: Photochemical etching on SS plate</p>	Nos	60.00	1,513.00	90,780.00
	<p><b>Fixing Details:</b> Wall mounted SS Plate signage fixed with required size ACP Plate, 3M Tape &amp; Screws</p>				
5	<p><b>Information Signage Type 4</b> <b>Building Information Signage</b> <b>Category:</b> Building Level <b>Fixing Type:</b> Wall Mounted <b>Description:</b> This type of signage identifies secondary buildings within a plot. It is used when multiple blocks</p>				



	<p>exist within the same plot.</p> <p><b>Design Parameters:</b></p> <p><b>Size</b> Size (l x h): 470mm x 245mm</p> <p><b>Text/ Graphics:</b> Text Font: Arial Text Height: 20 mm</p> <p><b>Disposition</b> Mounting Height: Top of Sign at eye level, 1600mm from the ground. Location: Main Entry Fa ade of the building.</p> <p><b>Material</b> Panel Face: Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade) Text and rule: Photochemical etching on SS plate</p> <p><b>Information Signage I Type 5</b></p>	Nos	10.00	2,033.00	20,330.00
	<p><b>Fixing Details:</b> Wall mounted SS Plate signage fixed with required size ACP Plate, 3M Tape &amp; Screws</p>				
6	<p><b>Information Signage Type 5</b></p> <p><b>Building Information</b> <b>Signage Category:</b> Building <b>Level:</b> Wall Mounted <b>Fixing Type:</b> Wall Mounted <b>Description:</b> This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot. <b>Design Parameters:</b></p> <p><b>1. Size</b> Size (l x h): 1538mm x 830mm</p> <p><b>2. Text/ Graphics:</b> 2.1 Text Font: Arial 2.2 Text Height: 35mm</p> <p><b>3. Disposition</b> 3.1 Mounting Height: Top of Sign level, 2100mm from the ground. 3.2 Location: Main Entry corridor of the building.</p> <p><b>4. Material</b> 4.1 Panel Face: Single-sided stainless steel plates {1mmTHK H/L finished 304 Grade} 4.2 Text and rule: Photochemical etching on SS plate</p> <p><b>Location:</b> Academic Vihara, Administrative Block &amp; Library Block</p>	Nos.	3.00	17,243.00	51,729.00

	<p><b>Fixing Details:</b> Wall mounted SS Plate signage fixed with required size ACP Plate, 3M Tape &amp; Screws</p>				
7	<p><b>Information Signage Type 6</b> <b>Building Information</b> <b>Signage Category:</b> Building Level <b>Fixing Type:</b> Wall Mounted <b>Description:</b> This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot. <b>Design Parameters:</b> <b>1. Size Size (Ix h):</b> 750mm x 245mm <b>2. Text/ Graphics:</b> 2.1 Text Font: Arial 2.2 Text Height: 25mm <b>3. Disposition</b> 3.1 Mounting Height: Top of Sign at eye level, 1600mm from the ground. 3.2 Location: Main Entry Facade of the building. <b>4. Material</b> 4.1 Panel Face: Single-sided stainless steel plates (1mm THK H/L finished 304 Grade) 4.2 Text and rule: Photochemical etching on SS plate <b>Location:</b> Classroom, Syndicate room, Simulation Lab &amp; Conference Room</p>	Nos	36.00	1,725.00	62,100.00
	<p><b>Fixing Details:</b> Wall mounted SS Plate signage fixed with required size ACP Plate, 3M Tape &amp; Screws</p>				
8	<p><b>Information Signage Type 8</b> <b>Building Information Signage</b> <b>Category:</b> Building Level <b>Fixing Type:</b> Wall Mounted <b>Description:</b> This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot. <b>Design Parameters:</b> <b>Size</b> Size (Ix h): 750mm x 245mm <b>Text/ Graphics:</b> Text Font: Arial Text Height: 25mm <b>Disposition</b> Mounting Height: Top of Sign at eye level, 1600mm from the ground.</p>				

	<p>Location: Main Entry Facade of the building.</p> <p><b>Material</b> Panel Face: Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade)</p> <p><b>Text and rule:</b> Photochemical etching on SS plate</p> <p><b>Location:</b> Faculty Vassa- Ground Floor, First Floo &amp; Second Floor</p>	Nos	111.00	1,725.00	1,91,475.00
	<p><b>Fixing Details:</b> Wall mounted SS Plate signage fixed with required size ACP Plate, 3M Tape &amp; Screws</p>				
9	<p><b>Information Signage Type 9</b> <b>Building Information</b> <b>SignageCategory:</b> Building Level <b>Fixing Type:</b> Wall Mounted <b>Description:</b> This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot. <b>Design Parameters:</b> <b>1. Size</b> Size (Ix h): 750mm x 245mm <b>2. Text/ Graphics:</b> 2.1 Text Font: Arial 2.2 Text Height: 25mm <b>3. Disposition</b> 3.1 Mounting Height: Top of Sign at eye level, 1600mm from the ground. 3.2 Location: Main Entry Fa ade of the building. <b>4. Material</b> 4.1 Panel Face:Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade) 4.2 Text and rule: Photochemical etching on SS plate</p>	Nos	22.00	1,725.00	37,950.00
	<p><b>Fixing Details:</b> Wall mounted SS Plate signage fixed with required size ACP Plate, 3M Tape &amp; Screws</p>				
10	<p><b>Information Signage Type 10</b> <b>Building Information</b> <b>SignageCategory:</b> Building Level <b>Fixing Type:</b> Wall Mounted <b>Description:</b> This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot. <b>Design Parameters:</b> <b>1. Size</b> Size (Ix h): 750mm x 245mm <b>2. Text/ Graphics:</b> 2.1 Text Font: Arial 2.2 Text Height: 25mm <b>3.</b></p>	Nos			15,11,100.00

	<p><b>Disposition</b>3.1 Mounting Height: Top of Sign at eye level, 1600mm from the ground.3.2 Location: Main Entry Facade of the building.4. <b>Material:</b> Vinyl</p>		876.00	1,725.00	
	<p><b>Fixing Details:</b> Wall mounted SS Plate signage fixed with required size ACP Plate, 3M Tape &amp; Screws</p>				
11	<p><b>Information Signage Type 11 Building Information Signage</b> <b>Category:</b> Building Level <b>Fixing Type:</b> Wall Mounted <b>Description:</b> This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot. <b>Design Parameters:</b> <b>Size</b> Size (l x h): 750mm x 245mm <b>Text/ Graphics:</b> Text Font: Arial Text Height: 25mm <b>Disposition</b> Mounting Height: Top of Sign at eye level, 1600mm from the ground. Location: Main Entry Fa ade of the building. <b>Material</b> Panel Face: Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade) Text and rule: Photochemical etching on SS plate</p>	Nos.	110.00	1,725.00	1,89,750.00
	<p><b>Fixing Details:</b> Wall mounted SS Plate signage fixed with required size ACP Plate, 3M Tape &amp; Screws</p>				
12	<p><b>Pictograms Signage Type 12 Building Information Signage</b> <b>Category:</b> Building Level <b>Fixing Type:</b> Wall Mounted <b>Description:</b> This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot. <b>Design Parameters:</b> <b>1. Size</b> Size (l x h): 400mm x 400mm <b>2. Text/ Graphics:</b>2.1 Text Font:</p>				1,513.00

	Arial2.2 Text Height: <b>25mm</b> <b>4. Material</b> <b>4.1 Panel Face:</b> Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade) <b>4.2 Text and rule:</b> Photochemical etching on SS plate			1,513.00	
	<b>Fixing Details:</b> Wall mounted SS Plate signage fixed with required size ACP Plate, 3M Tape & Screws				
	Washroom Wall Mounted Signage (LVL+30 From Bottam of the Lintel) (LVL+ 1760 From Finished Floor Level) Allign with Brick Course	Nos.	24	1,513.00	36,312.00
	Male Toilet, Female, Disabled, Janitor- Above Door, Wall Mounted Signage, (LVL +30 form bottom of the Lintel	Nos.	75.00	1,513.00	1,13,475.00
	LIFT, Staircase, Cafeteria, Exposed Wall mounted Signage, Plate should be Adhusted as per Bick Course (LVL+ 1745 from finished Floor Level)	Nos.	34.00	1,513.00	51,442.00
13	<b>Hanging Signage Type</b> <b>13 Building Information Signage</b> <b>Category:</b> Building Level <b>Fixing Type:</b> Wall Mounted <b>Description:</b> This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot. <b>Design Parameters:</b> <b>Size (l x h):</b> <b>1600mm x 750mm</b> <b>2.</b> <b>Text/ Graphics:</b> <b>2.1 Text Font:</b> Arial2.2 Text Height: <b>25mm</b> <b>4.</b> <b>Material</b> <b>4.1 Panel Face:</b> Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade) <b>4.2 Text and rule:</b> Photochemical etching on SS plate				
	For Lobby (LVL+3520 bottom of the Plate)	Nos.	20	19,058.00	3,81,160.00

14	<p><b>Hanging Signage Type 14</b>  <b>Building Information Signage</b>  <b>Category:</b> Building Level Fixing  <b>Type:</b> Wall Mounted  <b>Description:</b>  This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot.  <b>Material:</b> Reflected Signage</p>				
	<p>Fire Evacuation Plan, Signage Plate should be adjusted as per Brick Course (LVL+1575 bottom of the Plate) <b>Design Parameters:</b>  Size (Ix h): A2  Text/ Graphics:  Text Font: Arial  Text Height: 25mm</p>	Nos.	38	757.00	28,766.00
	<p>Fire Exit Staircase, Exposed wall mounted, Signage Plate should be adjusted as per Brick Course (LVL+1745 from finished floor level) <b>Design Parameters:</b> Size (Ix h): 400mm x 400mm  Text/ Graphics:  Text Font: Arial  Text Height: 25mm</p>	Nos.	38	1,513.00	57,494.00
	<p>Fire Exit Landing, Exposed wall mounted, Signage (LVL+1745 from finished floor level) <b>Design Parameters:</b>  Size (Ix h): 400mm x 400mm  Text/ Graphics:  Text Font: Arial  Text Height: 25mm</p>	Nos.	38	1,513.00	57,494.00
	<p>Fire Exit Door, Exposed wall mounted, Signage Plate should be adjusted as per Brick Course (LVL+30 from bottom of the lintel) <b>Design Parameters:</b> Size (Ix h): 400mm x 400mm  Text/ Graphics:  Text Font: Arial  Text Height: 25mm</p>	Nos.	38	1,513.00	57,494.00
15	<p><b>Hanging Signage Type 15</b>  <b>Building Information Signage</b>  <b>Category:</b> Building Level Fixing  <b>Type:</b> Wall Mounted  <b>Description:</b> This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot. <b>Design Parameters:</b> Size (Ix h): 100mm x 100mm  Text/ Graphics: 2.1 Text</p>				

	Font: Arial2.2 Text Height: <b>25mm</b> <b>Material:</b> Vinyl				
	For Door Student Room Number (LVL+1575 bottom of the Plate) Design Parameters:	Nos.	513	587.00	3,01,131.00
	<b>TRAFFIC Signage Type 16 Roads Information Signage Category: Campus Level Fixing Type: Self Standing Description:</b> This type of signage identifies traffic retro- reflectorised direction, cautionary, mandatory and informatory sign as per IRC :67-2010 made of prismatic grade sheeting Type VIII vide clause 801.3, fixed over aluminium sheeting, 2 mm thick supported on a mild steel angle iron post firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete foundation and 45 cm x 45 cm x 60 cm and 60 cm below ground level as per the direction of the Engineer including the cost of steel sections and its fabrication. <b>Material: SS</b>	Nos.	67	6,160.00	4,12,720.00
<b>Total Amount:</b>					<b>65,29,989.00</b>

I/We hereby quote my/our rates as single percent, Below/At Par/Above, for all the above items as follows.

1) Rate in figures.....% Below/At Par/Above.

2) Rate in Words... % Below/At Par/Above.

Note:- The Contractor has to give single percentage for all above items If the different percentage is given by the contractor for the different items, the rates will not be dictated and tender will be treated as cancelled.

Signature of Contractor

Name full address

## RENOVATION CERTIFICATE

NAME OF WORK: **Supply and Installation of external & Internal Signage for IIM Kashipur**

I hereby give my willingness to work as a contractor for the specialized work of  
“\_\_\_\_\_” in the above-mentioned work. I will execute the  
work as per specifications and conditions for the agreement and as per direction of the Engineer-  
in-Charge. Also, I will engage a full time technically qualified supervisor/engineer for the work.  
I will attend inspections of officers of the department as and when required.

Date: \_\_\_\_\_

Place: \_\_\_\_\_

[Signature of the Contractor]

[Stamp with Address]



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GA2/E



**Indian Institute of Management Kashipur**  
Signage and Information Display Handbook

IIMK

## BUILDING IDENTITY : The Ashtamangala



**VIHARA**

*The Ashoka tree bearing the fruits of knowledge, intended for all beings and showing path towards self-realization*



**BODHIMANDA**

*The canopy represents expansion, unfolding and protection, here people work as unit, work as whole, towards success*



**CHAITYA**

*The two fish represent state of fearlessness without danger of drowning, freedom of movement in the water, similar to fearlessness attained through knowledge*



**DINING CENTRE**

*Treasure here represents health, longevity, wealth, prosperity, wisdom. A healthy body is base of all*



**DIRECTOR RESIDENCE**

*The wheel has the ability to cut through all obstacles and illusion. It represents the one who sees things in motion.*



**FACULTY RESIDENCE**

*Sans flower is known to symbolize purity of speech, of the body, and of the mind. For the people who will leave a trail of Sans flowers with every step that they take.*



**STUDENT RESIDENCE**

*The candles here represent the union of wisdom and compassion in scholarship. Represent us and the beginning of students learning.*



**STAFF COMMUNITY**

*The circle urges people to accomplish their own welfare and the welfare of others.*

## Overview

The signage system of IIM Kashipur is designed to be a simple and comprehensive means of way finding in the campus. Developed from a number of components, these signs establish a co-ordinated and consistent graphic language throughout the campus. This signage report highlights the graphic standards that must be followed to lay out a comprehensive signage system.

Graphic standards listed in this report include symbols typefaces, font sizes, arrows, pictograms, colours, shapes and the manner in which these are to be used in a holistic manner to represent information with clarity and authority.

The designers, vendors and users of signage in the campus must be familiar with the standards laid out in this report before creating or modifying any signage.

# Contents

## Overview

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# 1

## Categorization of Signage Used

The signage system is comprised of three main categories:

1. Campus Level Signage
2. Plot Level Signage
3. Building Level Signage

## 1.1 Category 1: Campus Level Signage

- **Information Signage**

- **Directional Signage**

These signs are direction boards displaying information that helps in way finding within the campus. These signs are placed along the streets and indicate directions to nearby to primary buildings. These signs display information only in English.

- **Other Types of Campus Level Information Signage**

- **Mandatory Signage**

At the campus level these signs serve the purpose of displaying traffic rules and traffic safety messages. These signs should comply with the code specifications as laid out in the safety code **IS 9457:2005**.

- **Cautionary Signage**

These are supplementary signs that serve the purpose of indicating potential traffic hazards such intersections, roundabouts, turns etc.

- **Use of Shapes:**

All cautionary signs must use the equilateral triangle shape.

**Note:** More information on Campus Level Signage is available in the Campus Master Plan.

## 1.2 Category 2: Plot Level Signage

- **Information Signage**

- **Plot Name**

- Double-sided signs are placed at the main entrance to various plots and quads in the campus. These signs identify the buildings in both English and Hindi.

- **Parking**

- **Entrances**

## 1.3 Category 3: Building Level Signage

- **Information Signage**

- Building level information signs are of two types:

- **Building Level Information Signage Type 1: External**

- These signs are mounted on building blocks within plots which may consist of multiple building wings. These signs are wall mounted.

- **Building Level Information Signage Type 2: Internal**

- These signs are placed within every building for the purpose of way finding and identifying rooms within the building. They include building directories, room names, floor indication boards etc. These are wall mounted or ceiling hung as specified.

- **Mandatory Signage**

- These signs serve the purpose of identifying services and emergency facilities within buildings and hence are mandatory. These signs comply with the codal specifications as laid out in **IS 9457:2005**.



- **Cautionary Signage**

These signs are used as warning signs to indicate the need for precaution. These are to be placed where a significant potential hazard exists. Cautionary signs are represented by the colour yellow.

Cautionary signs are broadly classified into two types:

- **Permanent Cautionary Signs**

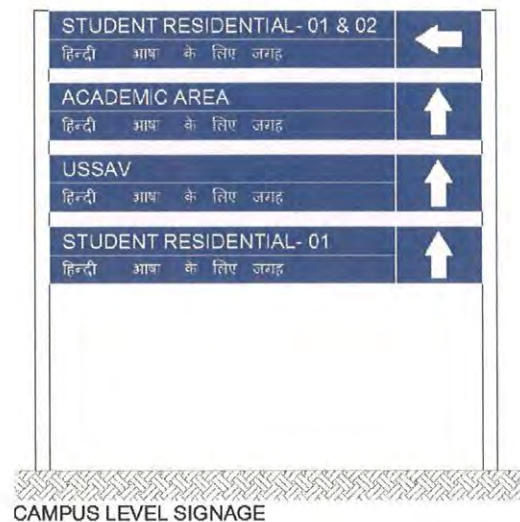
These signs indicate the need for precaution due to a permanent hazard. These signs are wall mounted.

- **Temporary Cautionary Signs**

These signs are movable and are placed temporarily to indicate the need for precaution due to hazard of temporary nature such as wet floors etc.

## 1.1 Category 1 | Campus Level Signage

### Information Signage | Type 1



#### 1.1 Type 1

#### Campus Information Signage

**Category:** Campus Level

**Fixing Type:** Self Standing

#### Description:

This type of signage identifies a plot within the campus. It indicates the name of the primary building in the plot in both English and Hindi.

#### Design Parameters:

##### 1. Size

1.1 Panel Face:

Size (l x h): 1600mm x 1600mm

1.2 Post:

Lxbxgauge:

##### 2. Text / Graphics:

2.1 Text Font English: Arial

Text Font Hindi: Devanagari

2.2 Text Height: 60mm

##### 3. Disposition

3.1 Location:

3.2 Mounting Height: Top of Sign  
at 1600mm from ground.

##### 4. Material

4.1 Panel Face:

Double-sided stainless steel plates (1mmTHK H/L finished 304 Grade)

4.2 Text and rule:

Reflective White Vinyl.

4.3 Posts:

Stainless steel rectangular tube

## 1.2 Category 2 | Plot Level Signage

### Information Signage | Type 1

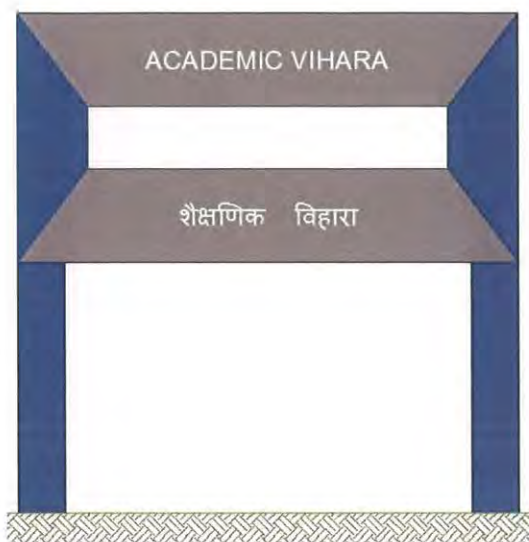


Fig: 1.1  
ELEVATION  
SCALE:- 1:20

#### 1..1 Type 1

#### Building Information Signage

**Category:** Plot Level

**Fixing Type:** Self Standing

#### Description:

This type of signage identifies a plot within the campus. It indicates the name of the primary building in the plot in both English and Hindi.

#### Design Parameters:

##### 1. Size

1.1 Panel Face:  
Size (l x h): 1600mm x 1600mm

1.2 Post:  
Lxbxgauge:

##### 2. Text / Graphics:

2.1 Text Font English: Arial  
Text Font Hindi: Devanagari  
2.2 Text Height: 60mm

##### 3. Disposition

3.1 Location:  
3.2 Mounting Height: Top of Sign  
at 1600mm from ground.

##### 4. Material

4.1 Panel Face:  
Double-sided stainless steel  
plates (1mmTHK H/L finished  
304 Grade)  
4.2 Text and rule:  
Reflective White Vinyl.  
4.3 Posts:  
Stainless steel rectangular tube

## Information Signage | Type 2



Fig: 1.1  
ELEVATION  
SCALE:- 1:10

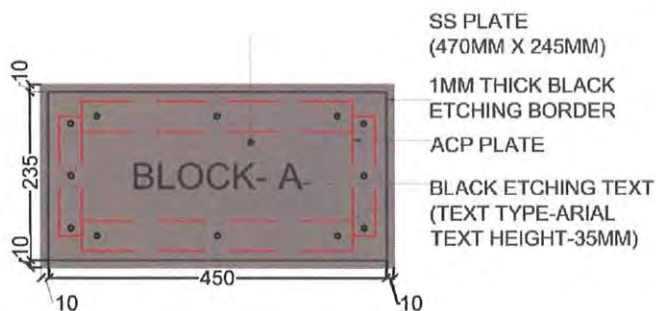


Fig: 1.2  
FIXING DETAIL  
SCALE:- 1:10

### Building Information Signage

**Category:** Building Level

**Fixing Type:** Wall Mounted

#### Description:

This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot.

#### Design Parameters:

##### 1. Size

Size (l x h): 470mm x 245mm

##### 2. Text / Graphics:

2.1 Text Font: Arial

2.2 Text Height: 35mm

##### 3. Disposition

3.1 Mounting Height: Top of Sign at eye level, 1600mm from ground.

3.2 Location: Main Entry Façade of the building.

##### 4. Material

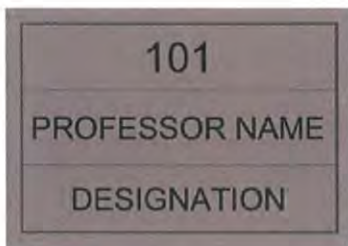
###### 4.1 Panel Face:

Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade)

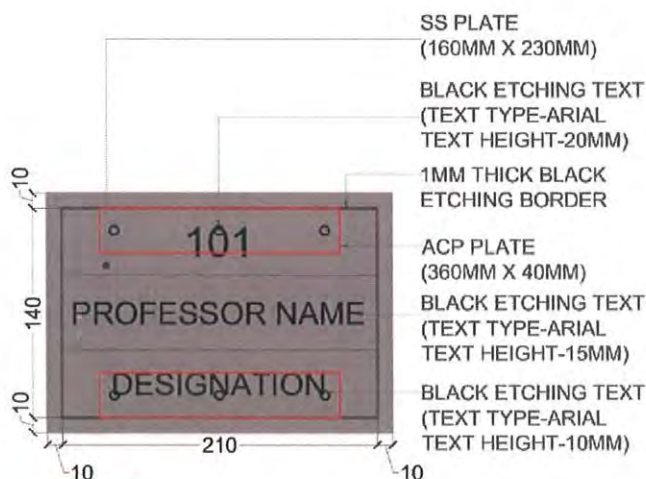
###### 4.2 Text and rule:

Photochemical etching on SS plate

## Information Signage | Type 3



**Fig: 1.1**  
**ELEVATION**  
**SCALE:- 1:5**



**Fig: 1.2**  
**FIXING DETAIL**  
**SCALE:- 1:5**

### Building Information Signage

**Category:** Building Level

**Fixing Type:** Wall Mounted

#### Description:

This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot.

#### Design Parameters:

##### 1. Size

Size (l x h): 470mm x 245mm

##### 2. Text / Graphics:

2.1 Text Font: Arial

2.2 Text Height: 35mm

##### 3. Disposition

3.1 Mounting Height: Top of Sign at eye level, 1600mm from ground.

3.2 Location: Main Entry Façade of the building.

##### 4. Material

###### 4.1 Panel Face:

Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade)

###### 4.2 Text and rule:

Photochemical etching on SS plate

## Information Signage | Type 4

RESIDENTIAL BLOCK		
FLOOR	NUMBER	NAME
GROUND FLOOR	101	OWNER NAME
FIRST FLOOR	201	OWNER NAME
SECOND FLOOR	301	OWNER NAME
THIRD FLOOR	401	OWNER NAME
FOURTH FLOOR	501	OWNER NAME

**Fig: 1.1**  
ELEVATION  
SCALE:- 1:20



**Fig: 1.2**  
FIXING DETAIL  
SCALE:- 1:20

### Building Information Signage

**Category:** Building Level

**Fixing Type:** Wall Mounted

#### Description:

This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot.

#### Design Parameters:

##### 1. Size

Size (l x h): 470mm x 245mm

##### 2. Text / Graphics:

2.1 Text Font: Arial

2.2 Text Height: 20mm

##### 3. Disposition

3.1 Mounting Height: Top of Sign at eye level, 1600mm from ground.

3.2 Location: Main Entry Façade of the building.

##### 4. Material

###### 4.1 Panel Face:

Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade)

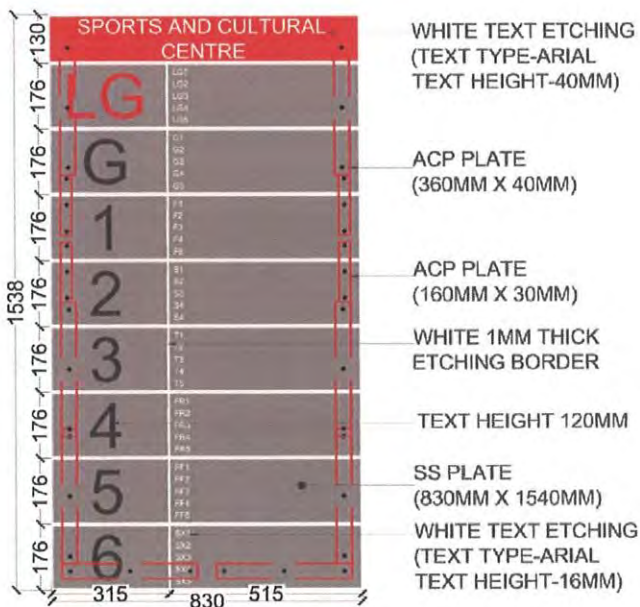
###### 4.2 Text and rule:

Photochemical etching on SS plate

## Information Signage | Type 5



**Fig: 1.1**  
ELEVATION  
SCALE:- 1:20



**Fig: 1.2**  
FIXING DETAIL  
SCALE:- 1:20

### Building Information Signage

**Category:** Building Level

**Fixing Type:** Wall Mounted

#### Description:

This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot.

#### Design Parameters:

##### 1. Size

Size (l x h): 1538mm x 830mm

##### 2. Text / Graphics:

2.1 Text Font: Arial

2.2 Text Height: 35mm

##### 3. Disposition

3.1 Mounting Height: Top of Sign level, 2100mm from ground.

3.2 Location: Main Entry corridor of the building.

##### 4. Material

###### 4.1 Panel Face:

Single-sided stainless steel plates (1mm THK H/L finished 304 Grade)

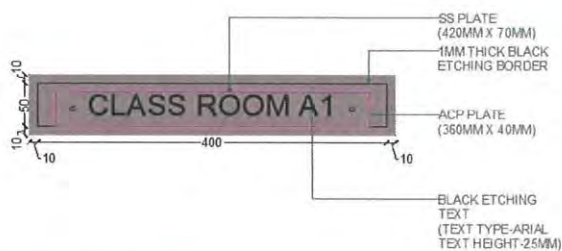
###### 4.2 Text and rule:

Photochemical etching on SS plate

## Information Signage | Type 6



Fig: 1.1  
ELEVATION  
SCALE:- 1:10



SCALE:- 1:10

### Building Information Signage

**Category:** Building Level

**Fixing Type:** Wall Mounted

#### Description:

This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot.

#### Design Parameters:

##### 1. Size

Size (l x h): 750mm x 245mm

##### 2. Text / Graphics:

2.1 Text Font: Arial

2.2 Text Height: 25mm

##### 3. Disposition

3.1 Mounting Height: Top of Sign at eye level, 1600mm from ground.

3.2 Location: Main Entry Façade of the building.

##### 4. Material

###### 4.1 Panel Face:

Single-sided stainless steel plates (1mm THK H/L finished 304 Grade)

###### 4.2 Text and rule:

Photochemical etching on SS plate



## Information Signage | Type 7



Fig: 1.1  
ELEVATION  
SCALE:- 1:10

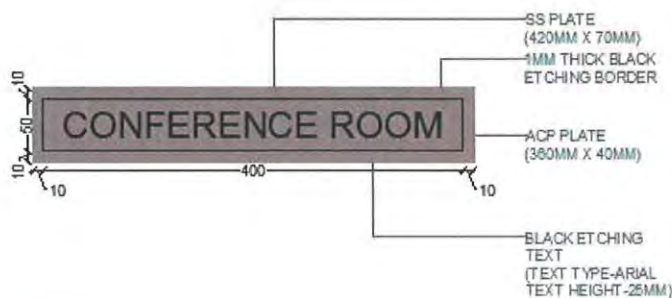


Fig: 1.2  
FIXING DETAIL  
SCALE:- 1:10

### Building Information Signage

**Category:** Building Level

**Fixing Type:** Wall Mounted

#### Description:

This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot.

#### Design Parameters:

##### 1. Size

Size (l x h): 750mm x 245mm

##### 2. Text / Graphics:

2.1 Text Font: Arial

2.2 Text Height: 25mm

##### 3. Disposition

3.1 Mounting Height: Top of Sign at eye level, 1600mm from ground.

3.2 Location: Main Entry Façade of the building.

##### 4. Material

###### 4.1 Panel Face:

Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade)

###### 4.2 Text and rule:

Photochemical etching on SS plate

## Information Signage | Type 8



FIG. 1.1  
ELEVATION  
SCALE:- 1:10

### Building Information Signage

**Category:** Building Level

**Fixing Type:** Wall Mounted

#### Description:

This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot.

#### Design Parameters:

##### 1. Size

Size (l x h): 750mm x 245mm

##### 2. Text / Graphics:

2.1 Text Font: Arial

2.2 Text Height: 25mm

##### 3. Disposition

3.1 Mounting Height: Top of Sign at eye level, 1600mm from ground.

3.2 Location: Main Entry Façade of the building.

##### 4. Material

###### 4.1 Panel Face:

Single-sided stainless steel plates (1mm THK H/L finished 304 Grade)

###### 4.2 Text and rule:

Photochemical etching on SS plate

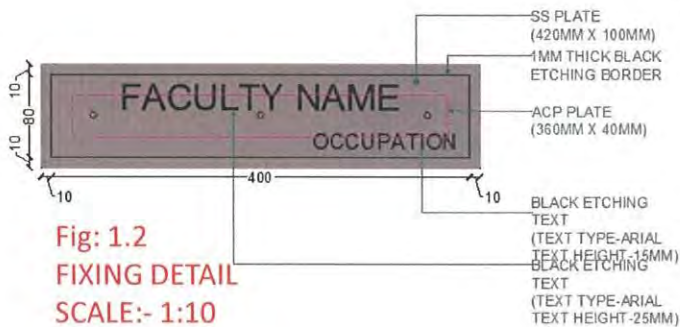
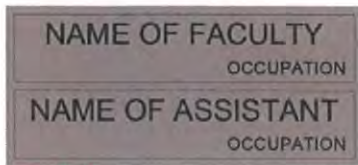
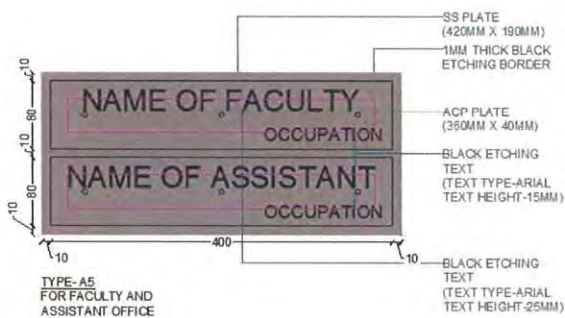


Fig: 1.2  
FIXING DETAIL  
SCALE:- 1:10

## Information Signage | Type 9



**Fig: 1.1**  
**ELEVATION**  
**SCALE:- 1:10**



**Fig: 1.2**  
**FIXING DETAIL**  
**SCALE:- 1:10**

### Building Information Signage

**Category:** Building Level

**Fixing Type:** Wall Mounted

#### Description:

This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot.

#### Design Parameters:

##### 1. Size

Size (l x h): 750mm x 245mm

##### 2. Text / Graphics:

2.1 Text Font: Arial

2.2 Text Height: 25mm

##### 3. Disposition

3.1 Mounting Height: Top of Sign

at eye level, 1600mm from ground.

3.2 Location: Main Entry Façade of the building.

##### 4. Material

###### 4.1 Panel Face:

Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade)

###### 4.2 Text and rule:

Photochemical etching on SS plate

## Information Signage | Type 10

**ELECTRICAL-A**

FIG: 1.1  
ELEVATION  
SCALE:- 1:10

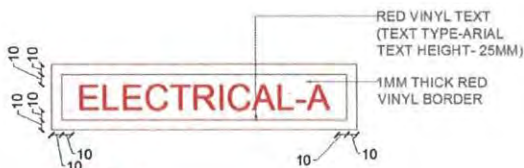


FIG: 1.2  
FIXING DETAIL  
SCALE:- 1:10

### Building Information Signage

**Category:** Building Level

**Fixing Type:** Wall Mounted

#### Description:

This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot.

#### Design Parameters:

##### 1. Size

Size (l x h): 750mm x 245mm

##### 2. Text / Graphics:

2.1 Text Font: Arial

2.2 Text Height: 25mm

##### 3. Disposition

3.1 Mounting Height: Top of Sign at eye level, 1600mm from ground.

3.2 Location: Main Entry Façade of the building.

##### 4. Material

###### 4.1 Panel Face:

Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade)

###### 4.2 Text and rule:

Photochemical etching on SS plate

## Information Signage | Type 11

MEETING ROOM - 1

Fig: 1.1  
ELEVATION  
SCALE:- 1:10

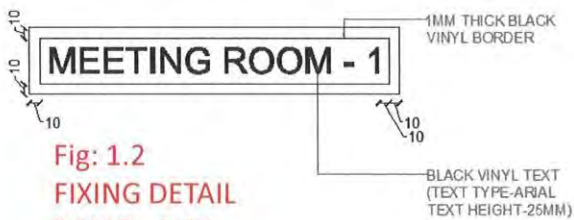


Fig: 1.2  
FIXING DETAIL  
SCALE:- 1:10

### Building Information Signage

**Category:** Building Level

**Fixing Type:** Wall Mounted

#### Description:

This type of signage identifies secondary buildings within a plot. It is used when multiple blocks exist within the same plot.

#### Design Parameters:

##### 1. Size

Size (l x h): 750mm x 245mm

##### 2. Text / Graphics:

2.1 Text Font: Arial

2.2 Text Height: 25mm

##### 3. Disposition

3.1 Mounting Height: Top of Sign at eye level, 1600mm from ground.

3.2 Location: Main Entry Façade of the building.

##### 4. Material

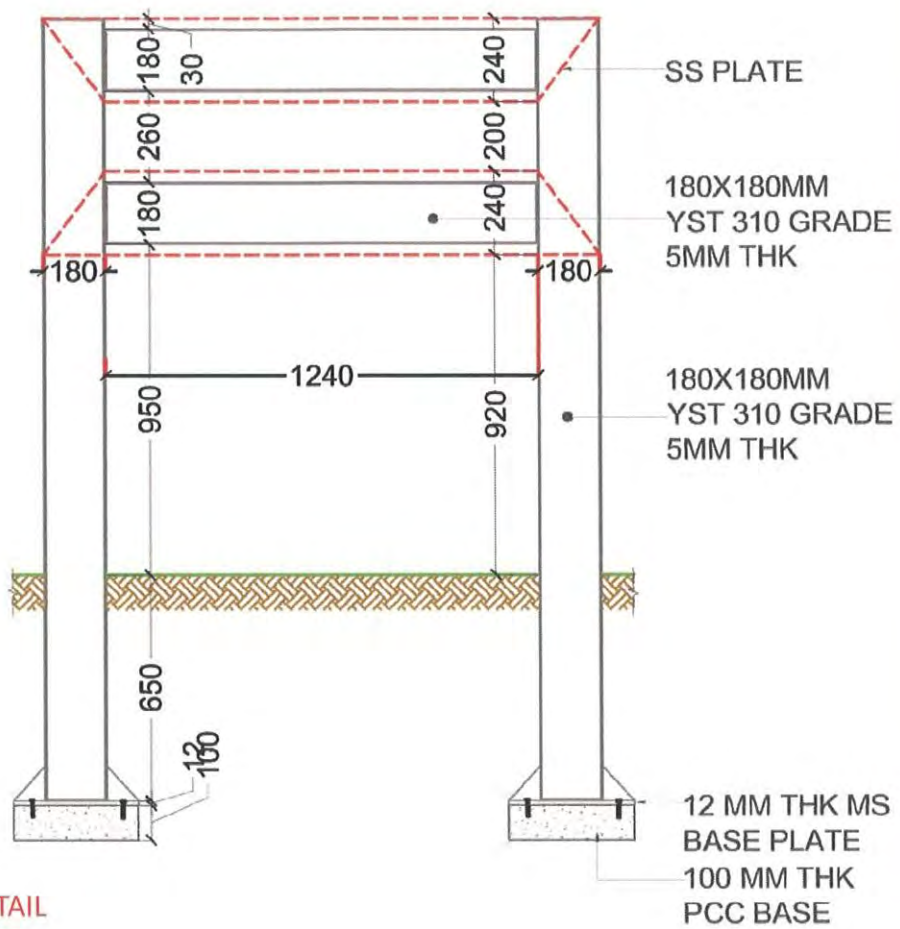
###### 4.1 Panel Face:

Single-sided stainless steel plates (1mmTHK H/L finished 304 Grade)

###### 4.2 Text and rule:

Photochemical etching on SS plate

## Typical Detail For Pole Signage



FIXING DETAIL  
SCALE:- 1:30

Note: Details shown in Fig.2 and Fig. 3 holds valid for all wall mounted signage.

## Typical Wall Mounting Detail

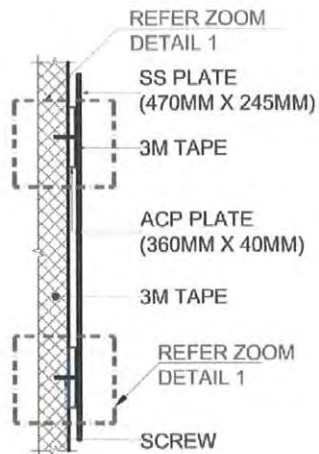


FIG:2  
DETAIL 1-1  
SCALE 1:5

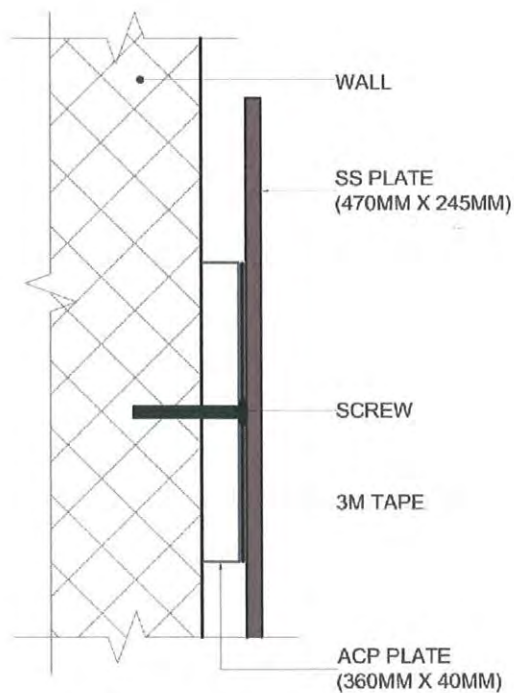


FIG:3  
ZOOM DETAIL 1  
SCALE 1:1

Note: Details shown in Fig.2 and Fig. 3 holds valid for all wall mounted signage.

## 2.3 Pictograms and Symbols



Fig. 1  
Staircase



Fig. 2  
Lift



Fig. 3  
Restroom



Fig. 4  
Male Restroom



Fig. 5  
Female Restroom



Fig. 6  
Cafeteria



Fig. 7  
Handicap  
Restroom



Fig. 8  
Drinking Water



Fig. 9  
Fire Exit



Fig. 10  
Wet Floor



Fig. 11  
Level Drop



Fig. 12  
Cleaning in  
Progress



Fig. 13  
Low  
Clearance  
Height



Fig. 14  
Steps Ahead



Fig. 15  
Fire Hose  
Cabinet



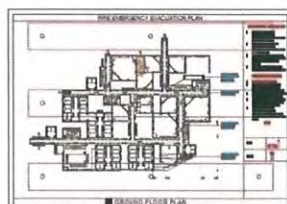
INFORMATION  
SINGAGE



Fig. 16  
No Smoking



Fig. 17  
Authorized  
Personnel  
only



FIRE  
EVACUATION PLAN



HANGING SIGNAGE

NOTE: This is list of pictograms and symbols being used in the signage system. Detailed sizes and specifications are provided in Signage Guidelines. Please be noted that despite being an exhaustive list the symbols and pictograms being used are not limited to only these.



## 2.3 Usage of Colours and Shapes

### Colours:

#### Green:

Reserved for safe condition signs such as Exits, Fire Staircases, Building level Indication signs in stairwells and Drinking Water Points. Also, all safe condition signs are to be provided with reflective text.

#### Red:

Reserved for fire safety provisions.

#### Yellow:

Reserved for cautionary signs displaying potential hazards.

NOTE: All other signage are displayed on stainless steel plates

### Shapes:

#### Circular shape:

It is reserved for prohibition signs and compulsory actions.

#### Equilateral triangle:

The equilateral triangle shape may be used for other signs indicating road conditions.

#### Rectangular:

## 2.4 Pictograms and Symbols

- A system of message hierarchy has been developed for organizing information on direction boards throughout the campus both at campus level and building level. At any given location, direction are indicated top to bottom with the nearest location being indicated first (at the top of the signage) and the farthest being indicated last (at the bottom of the signage).
- All information signage at Campus Level and Plot Level must have the information displayed in both English (Above) and Hindi (Below).

## 2.5 Pictograms and Symbols

The height of all signage, both wall mounted and ceiling mounted are determined by the fact that the information displayed on the board is at eye level. Care is to be given to ensure that signage is placed well within the viewing cone of an observer.

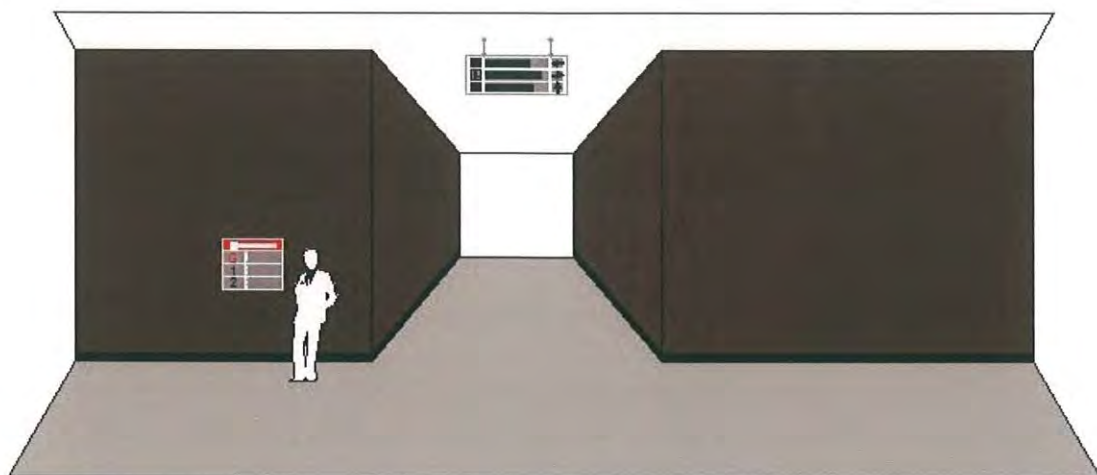


Fig.18 Overall Considerations for Mounting Heights

TOTAL BUILDING COMPILE




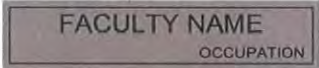
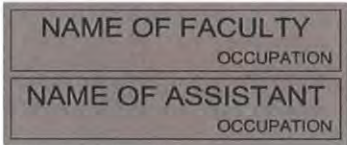
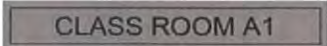

BUILDING-COMPILATION															
FIXING TYPE	TEXT/MAP/IMAGE	ACADEMIC VIHARA	BODHIMANDA	CHAITYA	DINING	DIRECTOR BUNGLOW	SRES-01	GRES TYPE-01	GRES TYP-02	GRES TYP-03	FRES-01	SC-01	SC-02	MARKET PLACE	TOTAL
NO. OF BUILDING IN CLUSTER) * (TOTAL NUM		1	1	1	1	1	4*5	2*1	1*1	1*1	5*4	2*2	3*2		
NO. OF BUILDINGS		1	1	1	1	1	20	2	1	1	20	4	6	1	60








A1	RESTROOM													2	2
A2	FEMALE TOILET	9	4	8	2		0	0			0	0	0		23
A2	MALE TOILET	9	4	8	2		0	0			0	0	0		23
A2	TOILET FOR DISABLED	9	1	1	1		0	0			0	0	0		12
A2	JANITOR	9	3	5			0	0			0	0	0		17
C2	FIRE EXIT STAIRS	17	10	9	2		0	0			0	0	0	1	39
A3	STAIRS	4		3	2									1	10
A3	LIFT LOBBY	11	4	3			0	0			0	0	0		18
A7	FACULTY VASSA	12					0	0			0	0	0		12
A7	AMPHITHEATRE	1													1
A3	CAFETERIA	2					0	0			0	0	0		2
A7	CHAITYA BLOCK-A	1					0	0			0	0	0		1
A7	CHAITYA BLOCK-B	1					0	0			0	0	0		1
A6	SERVICE COUNTER			1	2		0	0			0	0	0		3
A6	DISH DROP OFF			1	2		0	0			0	0	0		3
A6	CLASS ROOM	22					0	0			0	0	0		22
A6	SYNDICATE ROOM	6					0	0			0	0	0		6
A6	SIMULATION LAB	5					0	0			0	0	0		5
A4	NAME OF FACULTY	48					0	0			0	0	0		48
A4	NAME OF ASSISTANT	48					0	0			0	0	0		48
A5	NAME OF FACULTY/NAME OF ASSISTANT	44					0	0			0	0	0		44
A4	H.O.D NAME		5				0	0			0	0	0		5
A4	CAO NAME		1				0	0			0	0	0		1
A4	CFO NAME		2				0	0			0	0	0		2
A4	CHAIRPERSON NAME		3				0	0			0	0	0		3
A4	DIRECTOR NAME		1				0	0			0	0	0		1
A4	DEAN NAME		3				0	0			0	0	0		3
A6	PLACEMENT DEPARTMENT		1				0	0			0	0	0		1
A6	RECORD ROOM		4				0	0			0	0	0		4
A6	GALLERY-1		1				0	0			0	0	0		1
A6	GALLERY-2		1				0	0			0	0	0		1
A6	BMS CONTROL ROOM		1				0	0			0	0	0		1
A6	ACCOUNTS DEPARTMENT		1				0	0			0	0	0		1
A6	PURCHASE DEPARTMENT		1				0	0			0	0	0		1
A6	GENERAL ADMIN		1				0	0			0	0	0		1
A6	CHIEF ACCOUNT OFFICER		1				0	0			0	0	0		1
A6	PRINTING REPROGRAPHY MAILS		1				0	0			0	0	0		1
A6	CHIEF FINANCE OFFICER		1				0	0			0	0	0		1
A6	PGP OFFICE		1				0	0			0	0	0		1
A6	ADMISSION STAFF		1				0	0			0	0	0		1
A6	FPM/EFPM OFFICE		1				0	0			0	0	0		1
A6	EPGP OFFICE		1				0	0			0	0	0		1
A6	BOARD ROOM		1				0	0			0	0	0		1
A6	DIRECTOR OFFICE		2				0	0			0	0	0		2
A6	DATA CENTER OFFICE			1			0	0			0	0	0		1
A6	DATA CENTER RACKS			1			0	0			0	0	0		1
A6	GYMNASIUM			1			0	0			0	0	0		1
A6	PHARMACY			1			0	0			0	0	0		1
A6	MEDICAL WARD			1			0	0			0	0	0		1
A6	CONFERENCE ROOM			4			0	0			0	0	0		4



TOTAL BUILDING COMPILE

A6	ACTIVITY AREA			1			0	0			0	0	0		1
A6	PRINTER ROOM			1			0	0			0	0	0		1
A6	SOCIETY ROOM			3			0	0			0	0	0		3
A6	CHILDREN'S LIBRARY			1			0	0			0	0	0		1
A6	DISCUSSION ROOM			7			0	0			0	0	0		7
A6	VISUAL STUDIO			12			0	0			0	0	0		12
A6	MEDIA CENTER			1			0	0			0	0	0		1
A6	RECORDING ROOM			2			0	0			0	0	0		2
A6	AUDIO VISUAL STUDIO			2			0	0			0	0	0		2
A6	MEETING ROOM	2													2
	<b>TOTAL</b>														<b>417</b>
B1	PHE SHAFT	3	16	14	6	4	220	16	4	4	220	16	30	3	556
B1	ELECTRICAL SHAFT	24	18	25	3		0	0			0	0	0	1	71
B1	HVAC SHAFT			5			0	0			0	0	0		5
B1	ELV/IT SHAFT	21	18	23	1		0	0			0	0	0		63
B1	FHC	21	8	18	2		0	0			0	0	0		49
B1	RO PLANT ROOM	1	1	1	1		0	0			0	0	0		4
B1	SERVICES ROOM	1					0	6	3	3	0	0	0		13
B1	TFA	2			2		0	0			0	0	0		4
B1	AHU	30	17	4	6		0	0			0	0	0		57
B1	PHOTOCOPY/PRINTER	3					0	0			0	0	0		3
A3	PANTRY	1	2				0	0			0	0	0		3
B1	BMS ROOM	1					0	0			0	0	0		1
B1	TECHNICAL ROOM			1			0	0			0	0	0		1
B1	GAS BANK				1		0	0			0	0	0		1
B1	ELECTRICAL & HVAC SHAFT						100	0			0	0	0		100
B1	BOOK STORE			1			0	0			0	0	0		1
B1	ELECTRICAL ROOM	1	1	2		1	0	0			80	16	24	1	126
B2	ROOM NUMBER						480	24	6	3	0	0	0		513
A6	RECEPTION			1			0	0			0	0	0		1
A6	WAITING AREA / EXIT		1				0	0			0	0	0		1
A6	MEETING ROOM		5				0	0			0	0	0		5
A6	CAFETERIA		1	2			0	0			0	0	0		3
A6	GOODS STORE			1			0	0			0	0	0		1
A6	DAY STORE			1			0	0			0	0	0		1
A6	ATM			1			0	0			0	0	0		1
A6	LIBRARIAN'S OFFICE			1			0	0			0	0	0		1
A6	CONFERENCE FACILITY			1			0	0			0	0	0		1
	<b>TOTAL</b>														<b>1586</b>
C1	FIRE EVACUATION PLAN	18	3	7			0	0			0	0	0		28
	<b>TOTAL</b>														<b>28</b>
D1	CEILING HANGING SIGNAGE	16	1	3			0	0			0	0	0		20
	<b>TOTAL</b>														<b>20</b>
A8	WALL SIGNAGE	4		2			0	0			0	0	0		6
	<b>TOTAL</b>														<b>6</b>
	<b>GRAND TOTAL</b>	<b>407</b>	<b>154</b>	<b>192</b>	<b>35</b>	<b>5</b>	<b>800</b>	<b>46</b>	<b>13</b>	<b>10</b>	<b>300</b>	<b>32</b>	<b>54</b>	<b>9</b>	<b>2057</b>

**BUILDING-FIXING TYPOLOGY**

TYPE	FIXING TYPE	LOCATION	PICTURE	QTY
<b>A (STAINLESS STEEL WITH ETCHING)</b>	A1	RESTROOM, WALL MOUNTED SIGNAGE (LVL+30 FROM BOTTOM OF THE LINTEL) (LVL+1760 FROM FINISHED FLOOR LEVEL) ALLIGN WITH BRICK COURSE		2
	A2	MALE TOILET, FEMALE, DISABLED, JANITOR-ABOVE DOOR, WALL MOUNTED SIGNAGE (LVL+30 FROM BOTTOM OF THE LINTEL)		58
	A3	LIFT, STAIRCASE, CAFETERIA, EXPOSED WALL MOUNTED SIGNAGE, PLATE SHOULD BE ADJUSTED AS PER BRICK COURSE (LVL+1745 FROM FINISHED FLOOR LEVEL)		33
	A4	OFFICE WITH OCCUPATION, WALL MOUNTED SIGNAGE (LVL+30 FROM BOTTOM OF LINTEL)		111
	A5	FACULTY AND ASSISTANT OFFICE WITH OCCUPATION, WALL MOUNTED SIGNAGE (LVL+30 FROM BOTTOM OF LINTEL LEVEL)		44
	A6	ABOVE DOOR, WALL MOUNTED SIGNAGE (FOR CLASS ROOMS, SYNDICATE ROOM, MEETING ROOM) (LVL+255 FROM BOTTOM OF THE LINTEL)		116
	A7	FIXED IN EXPOSED WALL, FOR FACULTY VASSA, AMPHITHEATRE, CHAITYA BLOCK, SIGNAGE PLATE SHOULD BE ADJUSTED AS PER BRICK COURSE (LVL+1575 BOTTOM OF THE PLATE)		15

	A8	FLOOR INFORMATION, SIGNAGE PLATE SHOULD BE ADJUSTED AS PER BRICK COURSE (LVL+640 BOTTOM OF THE PLATE)		6
	A9	FACULTY NAME, SIGNAGE PLATE SHOULD BE ADJUSTED AS PER BRICK COURSE (LVL+640 BOTTOM OF THE PLATE)		
B(VINYL)	B1	FOR DOOR, FOR AHU SHAFT, PLUMBING SHAFT, ELE SHAFT, ELV SHAFT, TFA, ELECTRICAL ROOM, GAS BANK,PANTRY, (LVL+1575 BOTTOM OF THE TEXT)		1055
	B2	FOR DOOR, STUDENT ROOM NUMBER (LVL+1575 BOTTOM OF THE PLATE)		513
C(REFLECTED SIGNAGE)	C1	FIRE EVACUATION PLAN, SIGNAGE PLATE SHOULD BE ADJUSTED AS PER BRICK COURSE (LVL+1575 BOTTOM OF THE PLATE)		28
	C2	FIRE EXIT STAIRCASE, EXPOSED WALL MOUNTED, SIGNAGE PLATE SHOULD BE ADJUSTED AS PER BRICK COURSE (LVL+1745 FROM FINISHED FLOOR LEVEL)		39
	C2	FIRE EXIT LANDING, EXPOSED WALL MOUNTED, SIGNAGE PLATE SHOULD BE ADJUSTED AS PER BRICK COURSE (LVL+1745 FROM FINISHED FLOOR LEVEL)		

	C3	FIRE EXIT DOOR, EXPOSED WALL MOUNTED, SIGNAGE PLATE SHOULD BE ADJUSTED AS PER BRICK COURSE (LVL+30 FROM BOTTOM OF THE LINTEL)		
D(HANGING SIGNAGE)	D1	FOR LOBBY (LVL+3520 BOTTOM OF THE PLATE)		20
<b>TOTAL</b>				<b>2040</b>

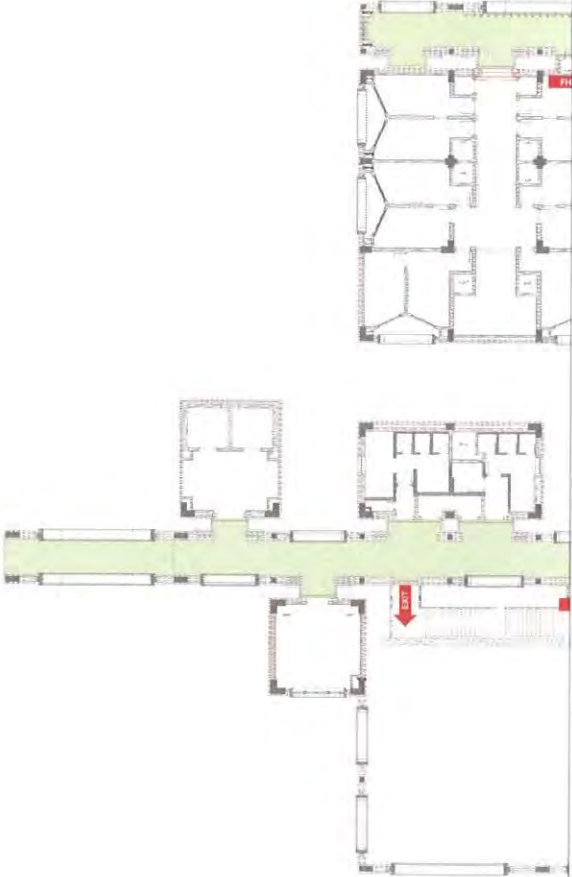
**EVACUATION GUIDELINES**

- In case of fire or other emergency, requiring, evacuation, activate the nearest fire alarm pull station.
- Exit in a calm and orderly fashion. once you have evacuated to a safe location call **101** immediately.
- Assist injured personnel and if time permits make sure all doors are closed as you exit the building,
- Help any physically impaired individuals in need of assistance

**SAFETY GUIDELINES**

- **In case of fire use stairs**
- Familiarize yourself with the location of exits, alarm pull stations, and fire extinguishers.
- Keep fire doors closed to prevent the spread of smoke and fire.
- Attempt to control a fire yourself with a fire extinguishers only if you have properly trained.
- In the event of severe weather (high winds or tornado) proceed to the lowest level. avoid windows and exterior doors.

**KEY**



FHC	
EXIT	



SIGNAGE IDENTIFICATION	
A	CAUTIONARY
1	LEFT SIDE ROAD(S)
1	M-T1-500
1	RIGHT SIDE ROAD(S)
1	M-T2-510
2	M-T2-511
3	M-T2-512
4	M-T2-513
1	T-JUNCTION(S)
1	M-T3-520
2	M-T3-521
3	M-T3-522
1	RIGHT HAND CURVE(S)
1	M-T4-530
2	M-T4-531
3	M-T4-532
4	M-T4-533
1	LEFT HAND CURVE(S)
1	M-T5-540
2	M-T5-541
3	M-T5-542
4	M-T5-543
1	LEFT HAIR PIN BAND(S)
1	M-T6-550
2	M-T6-551
1	PEDESTRIAN CROSSING(S)
1	M-T7-560
2	M-T7-561
3	M-T7-562
4	M-T7-563
5	M-T7-564
6	M-T7-565
7	M-T7-566
8	M-T7-567
1	Y-JUNCTION(S)
1	M-T8-580

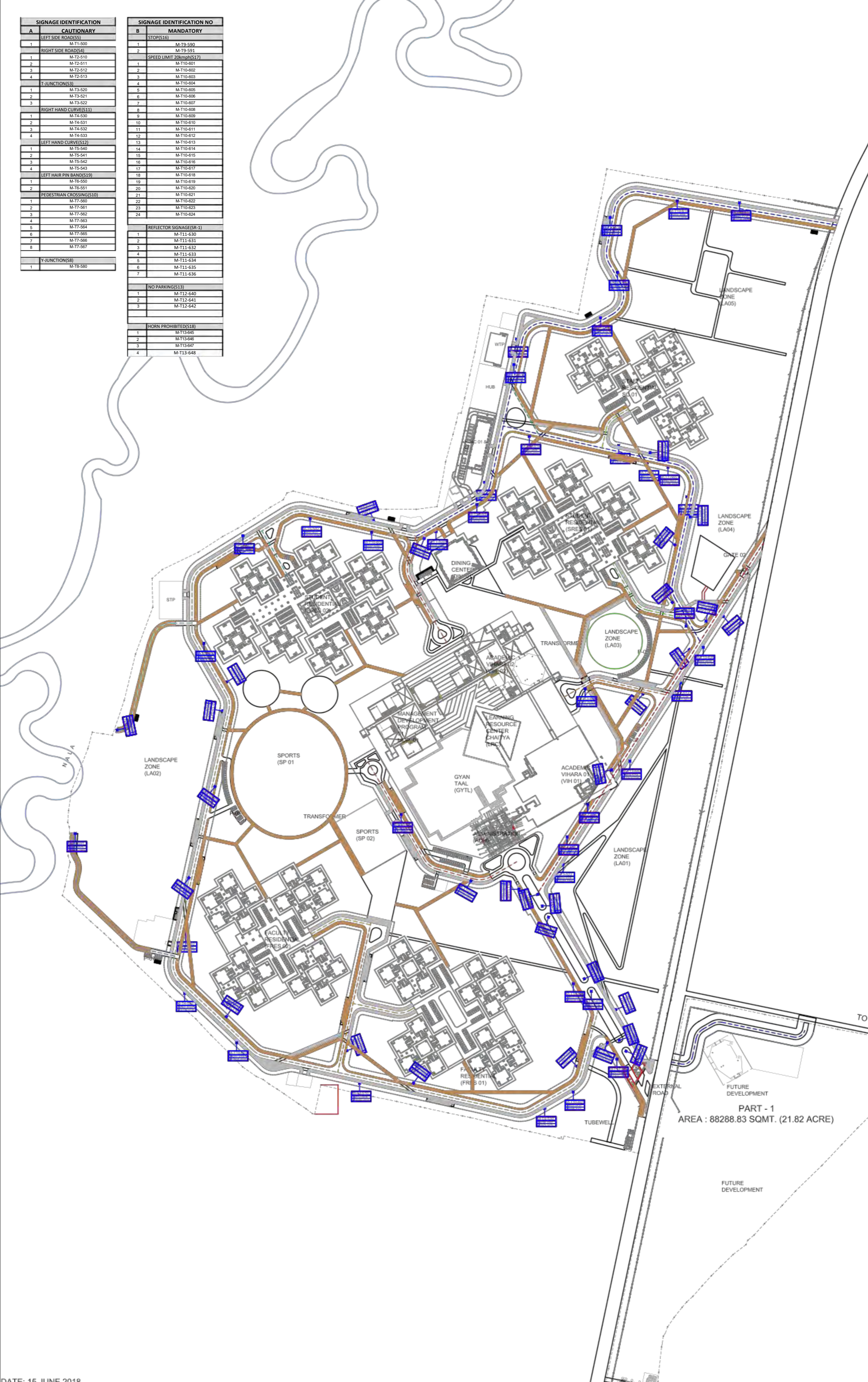
SIGNAGE IDENTIFICATION NO	
B	MANDATORY
1	STOPS
1	M-T9-590
2	M-T9-591
1	SPEED LIMIT 20kmph
1	M-T10-601
2	M-T10-602
3	M-T10-603
4	M-T10-604
5	M-T10-605
6	M-T10-606
7	M-T10-607
8	M-T10-608
9	M-T10-609
10	M-T10-610
11	M-T10-611
12	M-T10-612
13	M-T10-613
14	M-T10-614
15	M-T10-615
16	M-T10-616
17	M-T10-617
18	M-T10-618
19	M-T10-619
20	M-T10-620
21	M-T10-621
22	M-T10-622
23	M-T10-623
24	M-T10-624
1	REFLECTOR SIGNAGE
1	M-T11-630
2	M-T11-631
3	M-T11-632
4	M-T11-633
5	M-T11-634
6	M-T11-635
7	M-T11-636
1	NO PARKING
1	M-T12-640
2	M-T12-641
3	M-T12-642
1	HORN PROHIBITED
1	M-T13-645
2	M-T13-646
3	M-T13-647
4	M-T13-648

**NOTES**

- Dimensions are not to be scaled.
- All dimensions are in meters unless stated otherwise.
- All levels are in meters and refer to Mean Sea Level.
- The contractor shall verify all elevations, bench marks and levels to the Client's satisfaction and shall report any discrepancy immediately to the Client's Design Engineer for approval.
- For construction purposes, the dimensions shall not be measured directly from the drawings. The drawings shall not be used for construction until they are issued for construction.
- These drawings are to be used in consultation with H&E, Electrical, Mechanical, and other services of consultants.
- All other drawings should be provided by the Client's Design Engineer for reference.

**KEY PLAN: MASTER PLAN**

**NOTE:**  
 1. SCALE: AS PER ORIGINAL CO-ORDINATE FOR APPROVAL.  
 2. PLOT: DRAWING NO. - MP\_DET\_SFU\_TRF FOR SIGNAGE DETAIL.



PART - 1  
 AREA : 88288.83 SQMT. (21.82 ACRE)

ISSUES	
DATE	DESCRIPTION

**CLIENTS:**  
 INDIAN INSTITUTE OF MANAGEMENT KASHIPUR  
 Plot No. 10, Sector 10, Meerut, U.P.

**CAMPUS DESIGNER:**  
 VCS CONSULTANTS  
 Plot No. 10, Sector 10, Meerut, U.P.

**PROJECT FILE NO.:**  
 IIMK/MP/2013/01

**MP CONSULTANT:**  
 VCS CONSULTANTS  
 Plot No. 10, Sector 10, Meerut, U.P.

**DATE:**  
 15 JUNE 2018

**DESIGNER:**  
 [Signature]

**CHECKED BY:**  
 [Signature]

**DATE:**  
 15 JUNE 2018

**PROJECT TITLE:**  
 INDIAN INSTITUTE OF MANAGEMENT KASHIPUR  
 MASTER PLANNING PHASE 1

**Drawing Title:**  
 MASTER PLAN TRAFFIC SIGNAGE  
 LOCATION PLAN

**Scale:**  
 1:1000 ON A0 SHEET

**Project No.:**  
 VCS\_MP\_TRF

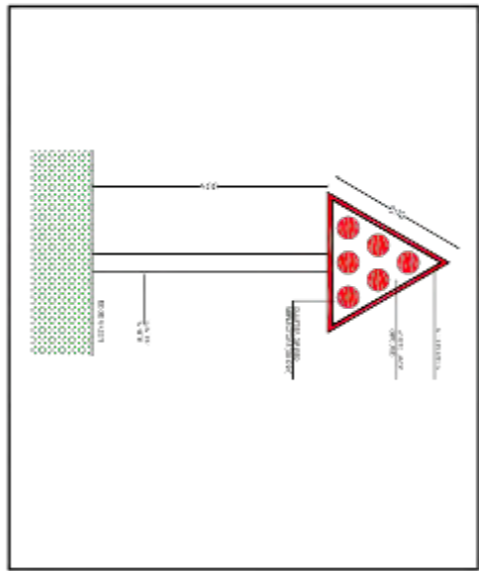
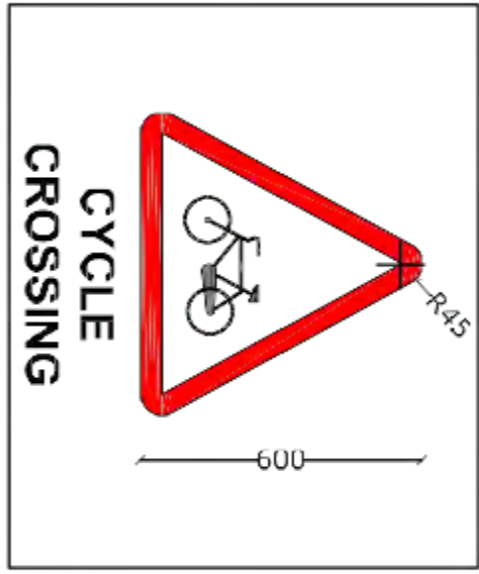
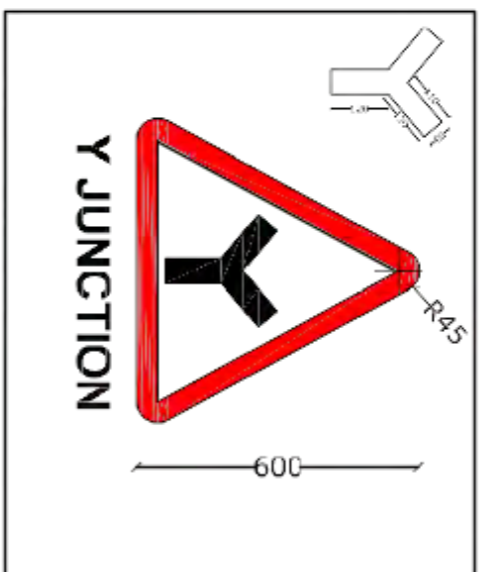
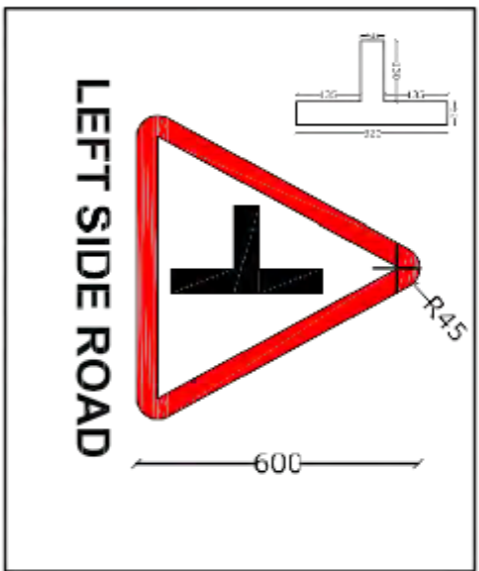
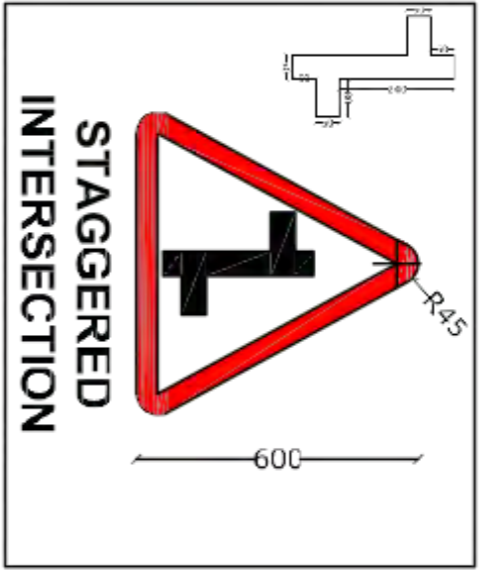
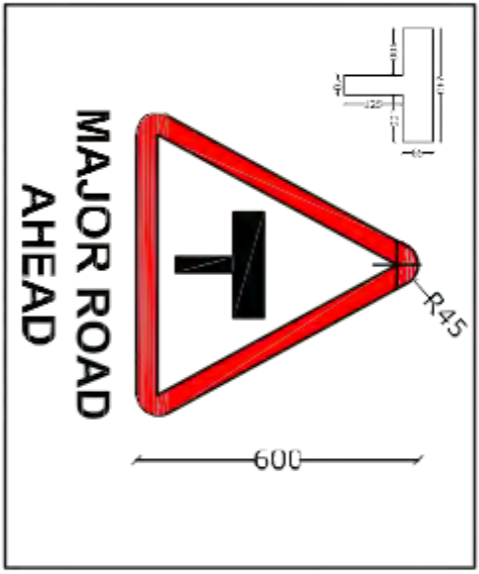
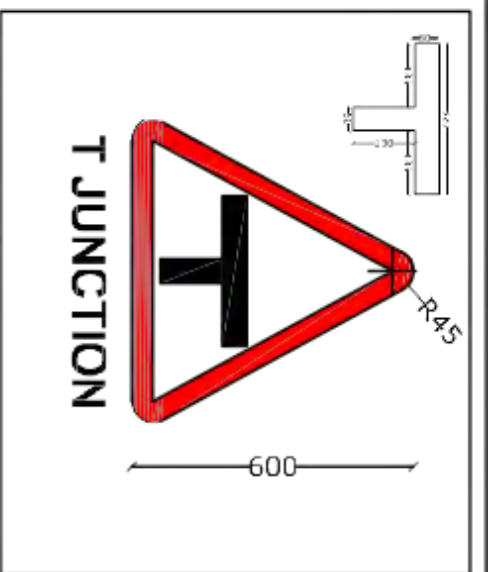
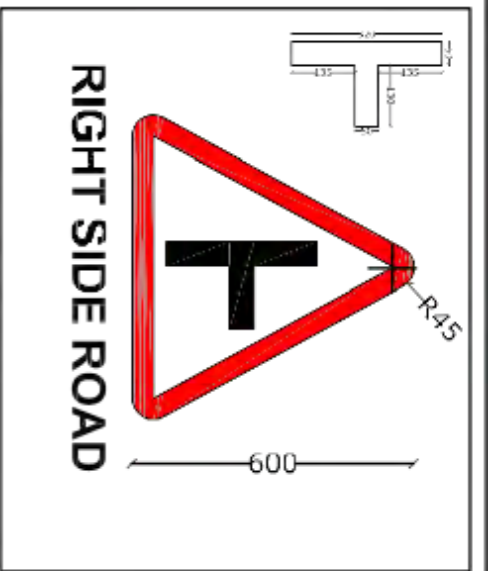
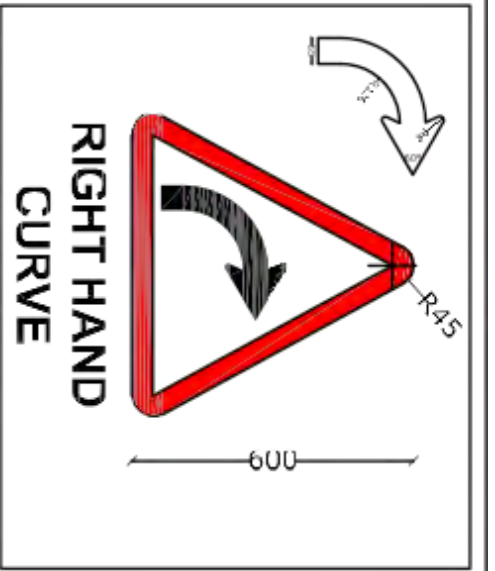
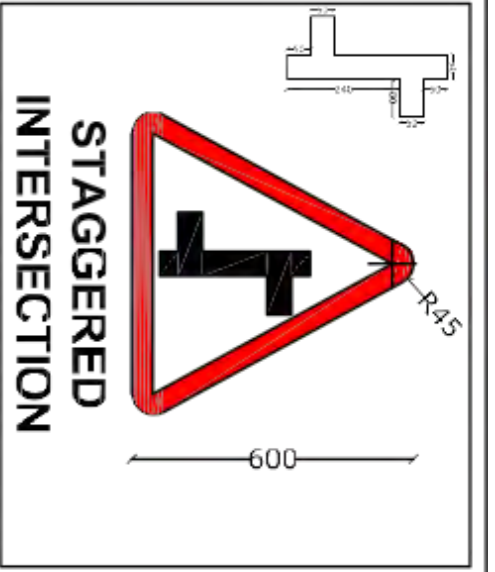
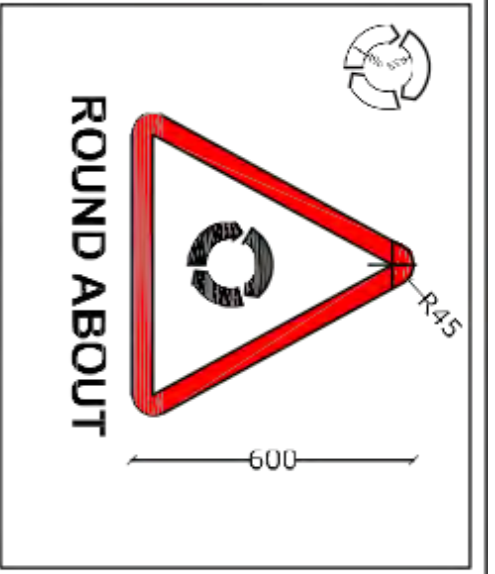
**Author:**  
 [Signature]

**Checked:**  
 [Signature]

**Date:**  
 15 JUNE 2018

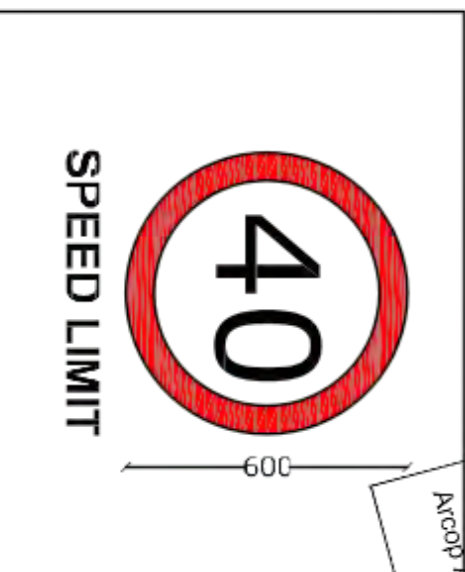
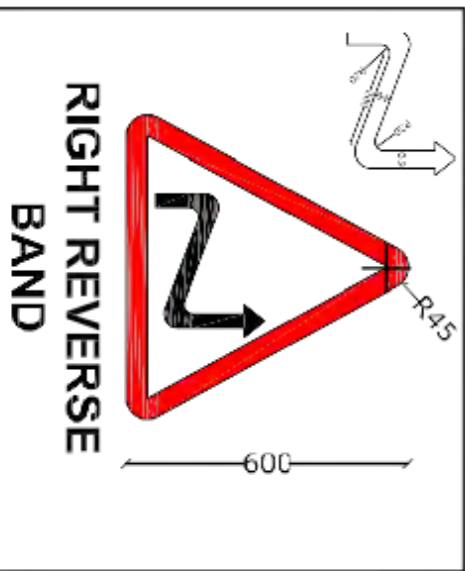
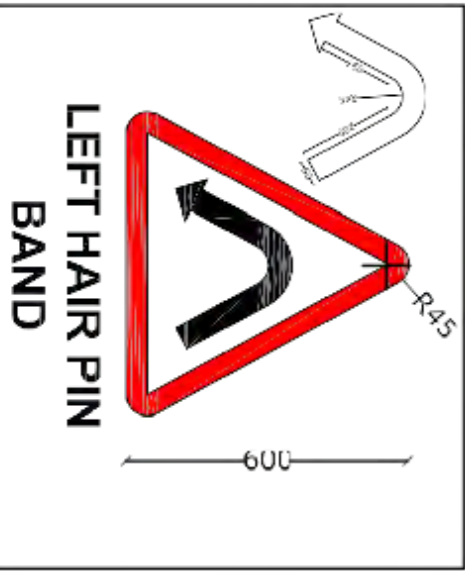
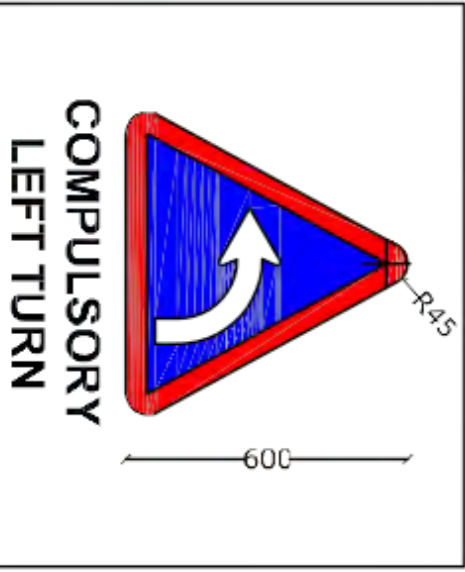
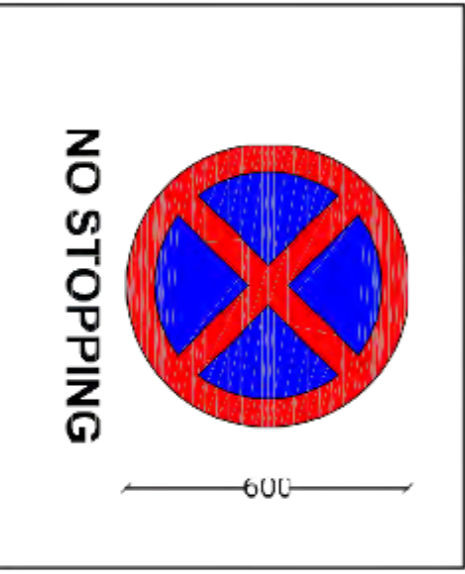
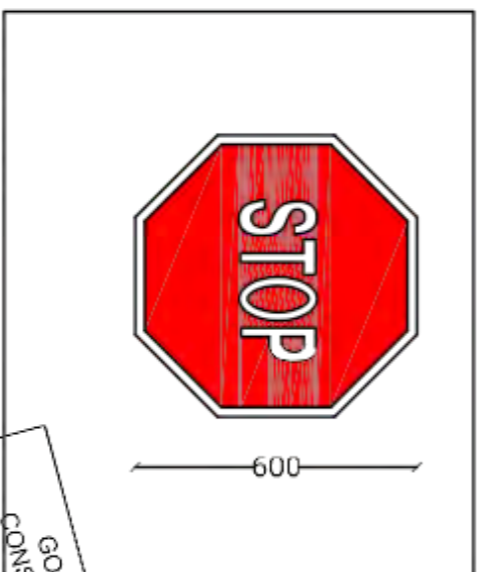
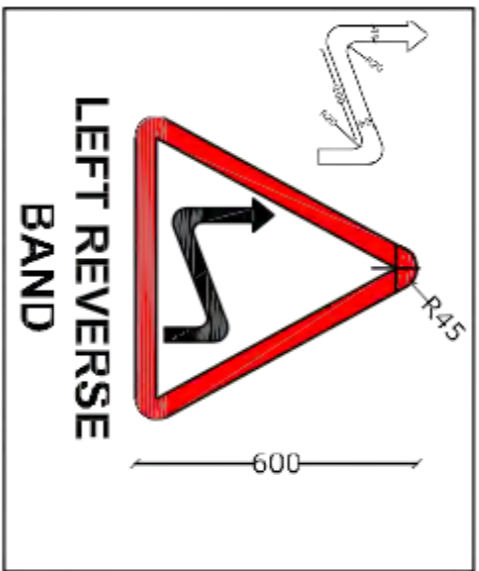
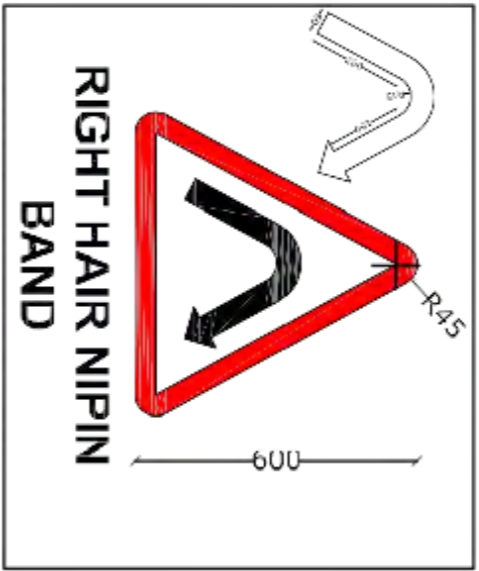
**Authority:**  
 [Signature]

# CAUTIONARY



**NOTE:-**  
 1) DETAIL SHOP DRAWING OF THIS PRECAST DRAWING TO BE PROVIDED BY CONTRACTOR FOR APPROVAL.  
 2) PLEASE PROVIDE ALL LIFTING MECHANISM LIKE LUGS ETC.  
 3) SAMPLE SHOULD BE SHOWN TO THE ARCHITECT FOR APPROVAL OF DESIGN AND FORM FINISH BEFORE MASS PRODUCTION

# MANDATORY



GOOD FOR CONSTRUCTION  
 13 MAY 2015  
 Arcorp Associates Pvt.Ltd.  
 New Delhi

**KEY : MASTER PLAN**

IIM KASHIPUR CAMPUS

**NOTES**  
 - Dimensions are not to be scaled.  
 - All dimensions are in Meter unless stated otherwise.  
 - Symbols used in this drawing are as per Indian Standards IS: 10646-1983.  
 - The contractor shall verify all dimensions, details, specifications & site conditions & shall report any error, omission and/or anomaly to the Campus Designer before commencement of work.  
 - For construction purposes, the dimensions shall not be measured directly from the drawings. The drawings shall not be used for construction until they are issued for construction.  
 - These drawings are to be used in co-ordination with other drawings, specifications & all relevant documents.  
 - All shop drawings should be provided to the Campus Designer for approval.

**CLIENTS:**  
 INDIAN INSTITUTE OF MANAGEMENT KASHIPUR  
 Udhwa Singh Nagar, Meerut, Uttar Pradesh 201113  
 Phone: 01204-256714, 256715, 256716, 256717, 256718

**CAMPUS DESIGNERS:**  
 ARCORP ASSOCIATES PVT. LTD.  
 A-13, Samrat Enclave, G.K. 1  
 New Delhi 110042, INDIA  
 Phone: 011-26104200, 26104201

**PROJECT MANAGERS:**  
 LAKSHYAN & ASSOCIATES, NEW DELHI 110079  
 Phone: 011-26104200, 26104201

**MEP CONSULTANTS:**  
 M. ENGINEERING CONSULTANTS PVT LTD, New Delhi

**PMC:**  
 SCS India Private Limited  
 Campus Designer's Signature

**Job Title:**  
 INDIAN INSTITUTE OF MANAGEMENT KASHIPUR  
 MASTER PLANNING PHASE 1

**Drawing Title:**  
 MASTER PLAN  
 DETAIL - MANDATORY TRAFFIC SIGNAGE

**Issued for Release Type:**  
 GOOD FOR CONSTRUCTION

**Job No.:**  
 2011/3/31

**Scale:**  
 Various

**Sheet:**  
 on A2 Sheet

**Date:**  
 13 MAY 2015

**Drawn by:**  
 AS

**Checked by:**  
 SM

**Revision No.:**  
 01

**Authority:**  
 MIP\_DET\_SFU\_TRF