INDIAN INSTITUTE OF MANAGEMENT MUMBAI

Vihar Lake Road, Powai, Mumbai - 400087

TENDER DOCUMENT

Supply, Installation, Testing and Commissioning (SITC) of Kitchen Equipment and Allied Civil, Electrical and Plumbing Works at the Annex Building Hostel, IIM Mumbai

NIT No.: IIMM/IPS/CONS/ELE/2026-27/12 Date: 15.10.2026

Invited By

Chief Administrative officer,
Indian Institute of Management Mumbai
Vihar Lake Road, Powai,
Mumbai 400087

October 2026

Volume I

Technical Bid

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Note: The Technical Data Sheets enclosed with this tender form an integral part of Section IV. In case of inconsistency, the more stringent requirement or the direction of the Engineer-in-Charge shall govern, subject to the tender conditions.

NOTICE INVITING e-TENDER (NIT)

NIT No. IIMM/IPS/CONS/ELE/2026-27/12 **Dated: 15.10.2026**

Chief Administrative Officer, on behalf of the Director, Indian Institute of Management Mumbai, invites online e-tenders on Percentage Rate Basis under the Two-Bid System from eligible and experienced commercial kitchen equipment manufacturers, fabricators, authorized dealers, and system integrators for the following composite work.

Particular	Tender Requirement
Name of Work/Project	Supply, Installation, Testing and Commissioning (SITC) of Kitchen Equipment and Allied Civil, Electrical and Plumbing Works at the Annex Building Hostel, IIM Mumbai.
Site / Location	Annex Building Hostel, IIM Mumbai Campus, Vihar Lake Road, Powai, Mumbai - 400087.
Website for Viewing tender/Corrigendum/ Addendum	http://iimmumbai.ac.in and https://etenders.gov.in/eprocure/app
Website for Procurement, Downloading & Uploading/ Submission of tender documents/ Corrigendum's/ Addendums	https://etenders.gov.in/eprocure/app (Central Public Procurement (CPP) Portal)
Estimated Cost Put to Tender	Rs. 78,45,272/- inclusive of GST.
Tender Fee	Rs. 5,900/- (Incl. GST) (Non-Refundable) to be paid in the form of be NEFT/RTGS in the favor of IIM Mumbai in the following account before the last date of technical bid submission. In case the bidder is registered MSE/MSME, Exemption shall be given (Valid Udyam registration Certificate shall be submitted by bidder). **Account Details –** Bank name - State Bank of India Account Name - IIM Mumbai Main Account Current Account No. - 10007680096 IFSC code - SBIN0009055 MICR No - 400002117 Branch Name -NITIE Vihar Lake Branch Code – 09055
Earnest Money Deposit (EMD)	Rs. 1,56,900/- (2% of estimated cost). EMD shall be submitted in the form/mode permitted in the NIT / CPP Portal tender. Exemption shall be governed by applicable Government rules and valid supporting registration.
Completion Period	90 days from the date of commencement / Letter of Acceptance
Defect Liability / Comprehensive Warranty	36 Months from successful testing, commissioning and handing over of the complete work.
Bid Validity	120 days from the bid opening date.
Performance Security	5% of accepted contract value, to be submitted within 15 days of issue of Letter of Acceptance / Work Order.

Pre-Bid Meeting/ Pre-Bid Queries	The bidder may send their Pre-bid queries in writing on osd.ips@iimmumbai.ac in at least 7 days before the Bid submission date.
Date Of publishing of NIT	16.10.2026 on below mentioned portals http://iimmumbai.ac.in and https://etenders.gov.in/eprocure/app
Last Date for sending Prebid Queries	19.10.2026 up to 17.00 Hrs.
Last date & time of Procurement/ download of tender Document	26.10.2026 up to 15.00 Hrs.
Last date & time for online submission of Technical & Financial Bid.	26.10.2026 up to 15.00 Hrs.
Online Opening of Technical Bid.	27.10.2026 up to 15.00 Hrs.
Online Opening of Financial Bid.	To be Intimated to Technical Qualified Bidders.
Contact information	Indian Institute of Management, Mumbai, Vihar Lake Road, Powai, Mumbai 400087.

Tenderers are advised to visit the site and see the work before submitting the tender. The Technical and Financial bids should be uploaded through the E-tendering process only before the due date & time.

If the office of IIM Mumbai happens to be closed on the last date and time mentioned for any of the event, the said event will take place on the next working day at the same time and venue.

The tender document has to be downloaded from above specified websites. Bidders are advised to visit above specified websites regularly for updates /Amendments/ Corrigendum, if any. The Updates/Corrigendum/Addendum shall be followed up to submission of tender and it will be the part of tender. The full details about the work, specifications, Drawings, terms and conditions shall be available in the Tender Document.

Complete details regarding the work, eligibility criteria, technical specifications, drawings, terms and conditions and other requirements are provided in the Tender Document.

The purpose of this NIT is to provide interested parties with information to assist them in the preparation of their bids. While IIM Mumbai has taken due care in preparing the information contained herein and believes the same to be complete and accurate, neither IIM Mumbai nor any of its authorities, agencies, officers, employees, agents or advisors gives any warranty or makes any representation, express or implied, regarding the completeness or accuracy of the information contained herein or any information provided in association with this NIT.

Further, IIM Mumbai does not claim that the information provided herein is exhaustive. Bidders are required to make their own inquiries, investigations and/or site surveys, as considered necessary, and shall be required to confirm that they have undertaken the necessary due diligence and have not relied solely upon the information contained in this NIT. IIM Mumbai shall not be responsible for any omission or lack of due diligence on the part of the bidder.

Opening of the bid online: Bids shall be opened online through the CPP Portal. Late or delayed tenders shall not be accepted/opened and shall be summarily rejected.

In case any document(s) produced in support of eligibility criteria, or any other document(s) turns out to be fraudulent, the following will be the course of action:

a. **Before award of work:** The work will not be awarded, EMD will stand automatically forfeited, and the tenderer will be liable for further action as may be deemed fit.

OR

b. **After the award of work:** The award of work will be cancelled, EMD and Security Deposit will stand forfeited, and the contractor will be liable for action as deemed fit.

Evaluation of tender: Technical bids shall first be evaluated for responsiveness, eligibility and compliance. The Financial Bid of only technically qualified bidders shall be considered. Selection of the agency shall be made on Least Cost Selection (LCS) basis. The bidder quoting the lowest evaluated percentage rate/lowest tendered amount (L-1), after considering the percentage quoted above, below or at par with the estimated cost, shall be considered for award of the work, subject to fulfillment of all tender conditions.

In case two or more bidders quote the same percentage rate, resulting in the same evaluated tender amount, and their commercial bids are found equal, the work shall be awarded to the bidder who has satisfactorily executed contracts of higher value, based on the experience certificates and supporting documents submitted by the bidders and/or called for by the Institute.

IIM Mumbai reserves the right to;

a. Reject any or all tenders/bids, either wholly or partly, without assigning any reason whatsoever.
b. Accept or reject the lowest tender/bid or any other tender/bid, and the Institute shall not be bound to accept the lowest or any tender/bid.
c. Accept the whole or any part of the tender/bid, and the successful tenderer/bidder shall be bound to execute the accepted portion of the work at the quoted/accepted rates and on the terms and conditions of the tender.
d. Cancel, withdraw, annul, or terminate the tendering process at any stage, including before or after opening of the bids and before award of the work, without assigning any reason whatsoever. In such an event, no bidder/tenderer shall have any claim for compensation, damages, reimbursement of costs, or any other amount against IIM Mumbai.

Canvassing in connection with tender is strictly prohibited. Tender details can be viewed on the website https://www.iimmumbai.ac.in & https://eprocure.gov.in/eprocure/app. Tenders downloaded from the website must be accompanied by requisite tender fee failing which tender will not be considered.

Chief Administrative Officer
For and on behalf of IIM Mumbai

SECTION– I

INSTRUCTIONS TO BIDDER

NIT No. IIMM/IPS/CONS/ELE/2026-27/12 **Date: 14.10.2026**

Name of work : Supply, Installation, Testing and Commissioning (SITC) of Kitchen Equipment and Allied Civil, Electrical and Plumbing Works at the Annex Building Hostel, IIM Mumbai

1.0 SPECIAL INSTRUCTIONS TO BIDDERS FOR E-TENDERING

1.1 GENERAL

The Special Instructions (for e-Tendering) supplement 'Instruction to Bidders', as given in this Tender Documents. Submission of Online Bids is mandatory for this Tender.

E-Tendering is a new methodology for conducting Public Procurement in a transparent and secured manner. For conducting electronic tendering, bidders shall use the portal https://etenders.gov.in/eprocure/app. Tender is invited in Single Stage - Two Envelope system, one Technical Bid and second as financial bid.

1.2 SPECIAL INSTRUCTIONS TO BIDDERS FOR E-TENDERING

Instructions for Online Bid Submission

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information useful for submitting online bids on the CPP Portal may be obtained at: https://etenders.gov.in/eprocure/app .

Registration

i. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: https://etenders.gov.in/eprocure/app) by clicking on the link "**Online bidder Enrollment**" on the CPP Portal which is free of charge.

ii. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

iii. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

iv. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate issued by any Certifying Authority recognized by CCA India (e.g., Sify / nCode / eMudhra etc.), with their profile.

v. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.

vi. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

Searching for Tender Documents

i. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization

Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.

ii. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

iii. The bidder should make a note of the unique Tender ID assigned to each tender; in case they want to obtain any clarification / help from the Helpdesk.

Preparation of Bids

i. Bidder should take into account any corrigendum published on the tender document before submitting their bids.

ii. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents
- including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

iii. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

iv. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g., PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or ''Other Important Documents'' area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Note: My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

Submission of Bids

i. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e., on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

ii. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.

iii. Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.

iv. Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the

DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise, the uploaded bid will be rejected.

v. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

vi. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

vii. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

viii. Upon the successful and timely submission of bids (i.e., After Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

ix. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

Assistance to Bidders

i. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

ii. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

For any technical related queries please call at 24 x 7 Help Desk Number: 0120-4001 002

0120-4001 005

0120-6277 787

International Bidders are requested to prefix +91 as country code Email Support:

For any Issues or Clarifications relating to the published tenders, bidders are requested to

contact the respective Tender Inviting Authority

Technical - support-eproc@nic.in Policy Related - cppp-doe@nic.in

2.0 INSTRUCTIONS TO BIDDER

The purpose of these instructions to serve as a guide to Bidders for preparing offer for carrying out the project in all respect.

a) The Schedule of Quantities/Bill of Quantities (BOQ), along with the estimated rates and amounts, is provided in Volume-II of the Tender Document. The tender is invited on a Percentage Rate Basis. The Bidder shall quote a single percentage rate, either Above (+), Below (-), or At Par (0.00%), on the total estimated cost/rates provided by IIM Mumbai in the Schedule of Quantities/BOQ, in the manner prescribed in the Financial Bid. The percentage quoted by the Bidder shall be indicated both in figures and words, wherever applicable. In case of any discrepancy between the percentage quoted in figures and words, the percentage quoted in words shall prevail. In case of any discrepancy between the quoted percentage and the corresponding calculated tender amount, the quoted percentage shall prevail, and the tender amount shall be corrected accordingly. The rates of individual items provided in the Schedule of Quantities/BOQ shall not be altered or modified by the Bidder.

   Payment shall be made for the actual quantities of work executed and measured at site, based on the item-wise rates provided in the Schedule of Quantities/BOQ, duly adjusted by the accepted percentage Above/Below/At Par, as applicable, and subject to the terms and conditions of the Contract.

   Bidders are advised to examine the prevailing Cost Index, market rates, site conditions, availability of materials, labour rates, transportation charges and all other relevant factors before quoting their percentage. No claim on account of inadequate assessment of such factors shall ordinarily be entertained after submission of the tender.

b) Since the tender is invited on a Percentage Rate Basis, the Bidder shall not quote separate rates against individual items of the Schedule of Quantities/BOQ. The Bidder shall quote only the percentage Above, Below or At Par with respect to the estimated rates/amount specified by IIM Mumbai.

   Any alteration, modification or substitution of the item rates, quantities or descriptions provided in the Financial Bid/Schedule of Quantities, except where specifically permitted in the Tender Document, may render the bid liable for rejection.

   For the purpose of financial evaluation, the percentage quoted by the Bidder shall be applied to the estimated tender amount/rates, as applicable, and the resultant evaluated tender amount shall be considered for determining the lowest evaluated bidder (L-1), subject to fulfilment of all other tender conditions.

c) The percentage quoted by the Bidder shall be deemed to have been arrived at after taking into consideration all costs associated with execution of the work, including lead, lift, loading, unloading, carriage and transportation of materials, labour, tools and plants, equipment, wastage, handling, site conditions, overheads, profit and all other incidental expenses, unless specifically provided otherwise in the Tender Document.

   No separate claim on account of lead, lift, carriage, transportation or site conditions shall be entertained after award of the work, except where specifically admissible under the provisions of the Contract.

d) Submission of a tender by a tenderer implies that the tenderer has read this notice and all other Tender Documents and has made himself aware of the scope, the specifications, and conditions of contract, local conditions and other factors having bearings on the execution of the work.

e) IIM Mumbai desires that the bidders, suppliers, and Sub-contractors under the Project, observe the highest standard of ethics during the performance, procurement and execution of such contracts. In pursuance of this requirement, IIM Mumbai, defines, for the purposes of this provision, the terms set forth below: -

i. “Corrupt Practice” means the offering, giving, receiving, or soliciting, directly or indirectly,

anything of value to influence improperly the actions of another party;

ii. "Fraudulent Practice" means any act of submission of forged documentation, or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation, or to succeed in a competitive bidding process;

iii. "Coercive Practice" means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

iv. "Collusive Practice" means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party.

Will reject the award of Contract, even at a later stage, if it determines that the bidder recommended/ selected for award/awarded has, directly or through an agent, engaged in Corrupt, Fraudulent, Collusive, Or Coercive Practices in competing for the Contract;

Will sanction a party or its successors, including declaring ineligible, either indefinitely or for a stated period of time, to participate in any further bidding/procurement proceedings under the Project, if it at any time determines that the party has, directly or through an agent, engaged in Corrupt, Fraudulent, Collusive, Or Coercive Practices in competing for, or in executing, the contract; and

The party may be required to sign an Integrity Pact, if required; and IIM Mumbai will have the right to require the bidders, or its suppliers, contractors and consultants to permit IIM Mumbai to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by IIM Mumbai at the cost of the bidders.

The Bidder must obtain for himself on his own responsibility and at his own expenses all the information which may be necessary for the purpose of making a bid and for entering into a contract, must examine the Drawings, must inspect the sites of the work, acquaint himself with all local conditions, means of access to the work, nature of the work and all matters pertaining thereto. IIM Mumbai will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

f) The Contract shall be governed by each SECTION OF TENDER DOCUMENT i.e., instructions to bidders, selection & qualifying criteria, scope of works, General Conditions for Contract (GCC), Special Conditions for Contract (SCC), Annexures, Forms, Drawings, Technical Specification, Addendum / Clarification / Corrigendum etc. and all other Conditions mentioned in the tender documents.

g) All Bidders are hereby explicitly informed that conditional offers or offers with deviations from the Conditions of Contract, the bids not meeting the minimum eligibility criteria, Technical Bids not accompanied with EMD and Tender Document Fees of requisite amount in acceptable format, Bids in altered/modified formats, or in deviation with any other requirements stipulated in the tender documents are liable to be rejected.

h) The bidders shall not tamper or modify any part of the tender documents in any manner. In case in part of the bid is found to be tampered or modified at any stage, the bids are liable to be rejected, the contract is liable to be terminated and the full earnest deposit/retention money/performance guarantee will be forfeited and the bidder will be liable to be banned from doing any business with IIM Mumbai.

i) Incomplete Price bid shall be liable to be rejected, at the discretion of IIM Mumbai. The total bid price shall cover the entire scope of works & drawings covered in the tender.

Chief Administrative Officer
IIM Mumbai

SECTION– II

SELECTION AND QUALIFYING CRITERIA

QUALIFYING CRITERIA: ONLINE TECHNICAL BID SUBMISSION

1. SITE VISIT

Intending Bidder(s) are advised to inspect and examine the site at New Annex Building, IIM Mumbai Campus, at their own cost before submitting their bids. The bidders shall satisfy themselves regarding the existing site conditions, available space, means of access, existing civil structures, electrical and plumbing arrangements, water supply, drainage, ventilation, LPG pipeline arrangements and other facilities required for the Supply, Installation, Testing and Commissioning (SITC) of Kitchen Equipment and Allied Civil, Electrical and Plumbing Works.

The bidder(s) shall carefully assess the actual scope of work, site dimensions, installation requirements, positioning of kitchen equipment, exhaust hoods, ducting, fire suppression system, gas pipeline and other associated works. They shall also verify the availability and suitability of existing services and identify any modifications or connections required for satisfactory completion of the work.

The bidder(s) shall be responsible for arranging and maintaining, at their own cost, all necessary materials, tools and plants, machinery, manpower, transportation, lifting equipment, temporary arrangements and other facilities required for execution of the work, unless otherwise specifically provided in the contract documents.

Submission of a bid shall imply that the bidder has thoroughly examined the tender documents, technical specifications, drawings, schedule of quantities and existing site conditions and has fully understood the nature and scope of work. No extra payment or claim arising out of misunderstanding of site conditions, dimensions, accessibility, installation requirements or other circumstances shall be entertained.

The site visit may be conducted at any time before the last date of submission of bids, subject to prior coordination with IIM Mumbai. Interested bidders may request a site visit through the email ID mentioned in the NIT, indicating their proposed date and time of visit. The bidder's representative shall carry a valid authorization letter issued by the bidder's firm/company and submit the same to the concerned IIM Mumbai representative at the time of the site visit.

The bidder shall ensure that the quoted rates include all necessary arrangements and incidental works required for complete installation, testing and commissioning of the kitchen equipment and associated systems as per the tender specifications and site requirements.

2. QUALIFYING CRITERIA: ONLINE TECHNICAL BID SUBMISSION

The intending bidders must read the terms & conditions of tender documents carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

The Technical Bid shall be uploaded with colored scanned copies of following documents. All the documents must be serial wise as stated below along with check list and clearly marked page no. and sign & stamp on each page of the Technical Bid (MANDATORY).

Table 1: Format of Check List				
S. N	Particular of Document	Yes	No	Page Nos. (From – to)
a)	Authorization Letter to sign the Tender on bidder's original letter head or Power of attorney or Board Resolution from the competent authority of the firm.			
b)	Scanned copy of EMD of amount as mentioned in NIT.			
c)	Scanned copy of Payment Receipt for Tender Fees of the amount as mentioned in NIT.			
d)	Letter of Transmittal for Technical Bid in prescribed format on bidder's original letter Head (Form-1).			
e)	Yearly Turnover and Audited Balance Sheet for Last Five (Five) years ending on the financial year 2025-26.			
	The Bidder should not have incurred any loss in more than three financial years out of last 5 financial years ending on 31.03.2026. Audited Balance Sheet and Profit & Loss account (for 5 years) must be submitted with Bid.			
	Turnover: The bidder shall have an average annual financial turnover of not less than ₹23,53,582/- during the immediate last five consecutive financial years, i.e. 2021-22, 2022-23, 2023-24, 2024-25 and 2025-26. Certificate issued by Chartered Accountant with registration number, seal and UDIN must be submitted.			
f)	Name, Address, details of the Organization, Name(s) of the Owner/Partners/Promoters and Directors of the firm / company. (Form- B)			
g)	Bidder should not be blacklisted/ debarred by any government/ semi government department/ PSU. Bidders shall give undertaking for not being involved in any form of corrupt and fraudulent practices. (Form- C).			
h)	Letter of understanding of the project site on bidder's Letter Head (Form-D).			
i)	'No Deviation Certificate' in prescribed format in			

	Bidder's Letter Head (Form-E).			
j)	Consent Letter to execute the Integrity Pact (Form-F).			
k)	Bidder shall submit Information on litigation history, liquidated damages, disqualification etc. in bidder Letter Head (Form-G).			
l)	The bidder shall be either the Original Equipment Manufacturer (OEM), an authorized vendor/dealer of the OEM, or a bidder duly authorized by the OEM to participate in the tender. • In case of OEM: The bidder shall submit a valid OEM/Manufacturer Certificate or other documentary evidence establishing its status as the Original Equipment Manufacturer. • In case of an authorized vendor/dealer of the OEM: The bidder shall submit a valid Authorization Certificate issued by the concerned OEM, confirming the bidder's status as an authorized vendor/dealer.			
m)	The OEM/ Bidder (through direct or through partner) should have satisfactorily completed similar work in the last seven years ending on the last date of bid submission of value with any Central/ State Govt. Organization/ PSU/ CPSU/ Govt. Autonomous Body/Institutions/ Public Listed Company: One similar completed work under a single Work Order/Contract of value not less than ₹62,76,218/-Or Two similar completed works, each under a separate single Work Order/Contract, each of value not less than ₹47,07,163/- Or Three similar completed works, each under a separate single Work Order/Contract, each of value not less than ₹31,38,109/- *Note: The value of each similar work shall be considered based on the value of the completed work executed under a single Work Order/Contract. Splitting or clubbing of values from multiple work orders/contracts shall not be permitted for meeting the above eligibility criteria.*			
n)	(Form-J) "Similar Work" shall mean Supply, Installation, Testing and Commissioning (SITC) of Kitchen			

	Equipment with or without Allied Civil, Electrical and Plumbing Works. Bidders having experience in SITC of Kitchen Equipment only, without execution of allied Civil, Drainage/Plumbing and Electrical Works, shall also be considered eligible, subject to submission of an undertaking on the bidder's letterhead confirming that, if awarded the contract, they shall ensure satisfactory execution and completion of all allied Civil, Drainage/Plumbing and Electrical Works, along with the SITC of Kitchen Equipment, in accordance with the tender specifications, applicable standards and directions of the Engineer-in-Charge, without any additional cost to IIM Mumbai. For execution of the allied Civil, Drainage/Plumbing and Electrical Works, the successful bidder may engage a competent specialized agency/sub-contractor, subject to prior approval of IIM Mumbai. However, such approval shall not relieve the successful bidder of any contractual responsibility, and the bidder shall remain fully responsible for the quality, coordination, safety, timely completion and satisfactory performance of the entire work. The bidder shall submit Completion Certificate(s) along with Supply Order from respective Owner(s)/Client(s) duly signed and stamped by the concerned organization/ department.			
o)	The OEM/ Bidder should have ISO 9001:2015. Supporting Document must be attached with the Technical Bid.			
p)	Copy of PAN Number.			
q)	Goods and Service Tax (GST): Bidders are advised to get themselves registered for GST, which are mandatory, as per Govt. of India notification regarding GST. Accordingly, bidder shall submit relevant documents if already registered. If not registered till date of submission of bid, bidder will give undertaking on bidder letter head stating that they will get registered under GST as per Govt. norms before submission of bills.			
r)	The bidder should be an Indian Registered Company under Companies Act 1956/2013 Proprietorship			

	Firm/ Partnership Firm/ Limited company private or public or corporation. Copy of Certificate of Incorporation/ Registration/ Partnership Deed or any other relevant document, as applicable, should be submitted along with a copy of address proof.			
s)	Bidder must have CNC bending and CNC cutting machine in their manufacturing plant and Bidder must provide undertaking at the time of bidding in Rs10 stamp paper for machinery- CNC bending and CNC cutting machine availability in manufacturer plant with photographs.			
t)	Service & Support: The Bidder should have Toll Free/ dedicated number for after sales service. Proof should be attached with the technical bid on the Letter Head of OEM. Note: In case of service provider is a channel partner, undertaking of the channel partner needs to be attached with the technical bid along with copy of GST registration. The declaration on the letter head of the OEM must be attached as per Annexure-III.			

The bidder may be required to furnish evidence of financial capability/solvency, if called for by IIM Mumbai during evaluation.

Warranty: The kitchen equipment designed by the OEM should have 36 Months Comprehensive Warranty starting from the satisfactory installation at consignee location. (Undertaking of the same need to attach along with the technical bid).

No information relating to financial terms of services should be included in the technical bid. Bids are to be submitted to determine that the bidder has a full comprehension of the tendered work. Where a bidder technical submittal is found non - compliant with the requirement of work, it may be rejected. This process is to assure that only technical acceptable bids are considered for the tendered work.

Contractors who fulfill the above requirements shall be eligible to apply.

1. ONLINE SUBMISSIONS OF DOCUMENTS

The Bidder shall submit following Document online only.

1. All the documents in Original, which is uploaded as Technical Bid (See Checklist, In Qualifying Criteria: Online Technical Bid Submission of Section-II, Table-1) shall be submitted. All the pages of the Technical Bid must be stamped & signed. The Bid shall be liable to be rejected if not page numbered and stamped with signature.

2. EMD and Tender Document Fee in original, wherever the mode of payment is DD, FDR or Bank Guarantee (BG), as permitted under the Tender Document, shall be submitted in a separate sealed envelope clearly superscribed as “EMD & TENDER FEE”. The envelope shall also mention the Name of Work / Project as specified in the NIT, along with the bidder’s

Name, Address, Contact Number and E-mail ID.

NOTE: The above documents/envelopes required for physical submission shall be placed in one outer sealed envelope clearly superscribed “Documents for Offline Submission”, mentioning the Name of Work/Project and the bidder’s Name, Address, Contact Number and E-mail ID.

SECTION– III

SCOPE OF WORK

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1. Site and Background

The work is proposed to be executed at the Annex Building Hostel, IIM Mumbai Campus, Vihar Lake Road, Powai, Mumbai. IIM Mumbai intends to establish a fully functional institutional kitchen with a capacity of 300 persons. The proposed work comprises Supply, Installation, Testing and Commissioning (SITC) of Kitchen Equipment along with Allied Civil, Electrical and Plumbing Works, including all necessary installations, connections and associated works required to make the kitchen fully functional and operational as per the tender specifications.

2. Overall Scope

- Detailed site survey, dimensional verification and coordination with IIM Mumbai before fabrication/procurement.
- Preparation and submission of shop drawings, equipment layout, service coordination drawings, electrical load schedule, plumbing/drainage points, equipment foundation/support details and installation methodology.
- Manufacture/fabrication/procurement, factory inspection where required, packing, transportation, unloading, shifting and safe storage of all kitchen equipment.
- Installation, levelling, anchoring, interconnection and finishing of equipment, including all brackets, fasteners, supports and accessories necessary for complete operation.
- Allied civil works and making-good required due to installation, routing of services and equipment supports.
- Allied plumbing/drainage connections from designated nearest service points to the equipment, including valves, traps, fittings, sleeves, supports and testing.
- Allied electrical works from designated nearest power points/DBs to equipment, including cables/wires, conduits/trays, isolators, protective devices, local terminations, earthing and testing.
- Testing, commissioning and performance trial of each equipment and of the integrated kitchen systems within the scope.
- Cleaning, sanitization, removal of debris, touch-up/making good and handing over the work in ready-to-use condition.
- Training of IIM Mumbai's nominated staff, submission of O&M manuals, warranties, test certificates, as-built drawings and asset/equipment schedule.
- General features and major components of work are as under:
    - Kitchen Equipment
    - Exhaust Hood
    - Fire Suppression System
    - Serving Counters

SECTION– IV

TECHNICAL SPECIFICATION

SECTION IV - TECHNICAL SPECIFICATIONS

1. General Technical Requirements

- All food-contact and fabricated stainless-steel items shall be SS 304 grade wherever specified in the Technical Data Sheets. Substitute grades shall not be accepted without written approval.
- Sheet thickness/gauge, pipe/angle sizes, dimensions, capacities, burner ratings, power requirements and accessories shall conform to the enclosed Technical Data Sheets.
- Fabricated surfaces shall be smooth, matt-finished, free from sharp edges, burrs, pits and crevices. Welds shall be continuous and neatly finished; exposed welds shall be ground, dressed and passivated as appropriate.
- Legs and frames shall be rigid, level and fitted with adjustable nylon bullet feet or heavy-duty castors with brakes where specified.
- Bought-out equipment shall be new, unused and of current production. Model selection shall satisfy or exceed the tender capacity/performance without changing utility requirements adversely.
- Electrical components shall be suitable for 230 V single-phase or 415/440 V three-phase, 50 Hz supply as applicable to the equipment TDS. Protective earthing is mandatory.
- Gas burners and controls shall be suitable for the approved fuel and shall be leak-tested before commissioning. Safety devices recommended by the manufacturer shall be provided.
- All equipment shall be installed strictly as per manufacturer's recommendations and good engineering practice.

2. Detailed Technical Specifications for Institutional Kitchen Equipment: -

1) Codes and Standards: -

Materials, appliances and installation shall comply with the latest applicable editions and amendments of Indian laws, local fire requirements and the following standards. Equivalent internationally recognized standards may be accepted only with a clause-by-clause equivalence statement and written approval.

Discipline	**Applicable requirements**
Stainless steel and fabrication	IS 6911 for stainless steel sheet/plate; ASTM A240/A240M Type 304 or equivalent for food-zone material; ASTM A554 for stainless steel structural tubing where applicable; hygienic fabrication practice.
Electrical	Electricity Act and CEA safety regulations; IS 732; IS 3043; IS/IEC 60335-1 and relevant Part 2 requirements for commercial cooking, dishwashing and kitchen machines; IS/IEC 60529.
LPG	Gas Cylinders Rules; SMPV Rules where applicable; IS 6044 Part 1 for LPG storage/installation; IS 9573 for LPG rubber hose where applicable; PESO and local fire-authority requirements.

Ventilation	NBC 2016 Part 8 Section 3; IS 655; relevant ASHRAE and SMACNA practices for commercial kitchen exhaust where Indian provisions are silent.
Fire safety	NBC 2016 Part 4; applicable local CFO requirements; listed wet-chemical kitchen system tested to UL 300 or equivalent internationally recognised standard; interface with fire alarm and gas shutoff.
Food hygiene	Food Safety and Standards Act/Regulations and FSSAI Schedule 4 hygienic and sanitary practices; food-contact surfaces smooth, non-toxic and cleanable.
Refrigeration	Environment (Protection) requirements; CFC-free and zero-ODP refrigerant; sealed system, safe pressure testing and electrical protection.
Water and drainage	NBC 2016 Part 9; relevant IS codes for water supply, traps, drainage and backflow protection; local authority discharge requirements.

2) General Material and Fabrication Requirements: -

i. Stainless steel

- All food-contact surfaces, sinks, pan interiors, GN pans, worktops, shelves, exposed kitchen-facing panels and hood capture surfaces shall be SS 304 unless a higher grade is stated. Mill certificates identifying grade and heat number shall be submitted.
- Sheet thickness shall be stated in millimetres. Source-gauge descriptions are minimums: 16-gauge top approximately 1.5 mm; 18-gauge shelf approximately 1.2 mm; 20-gauge enclosure approximately 0.9 mm. Finished thickness shall not be less than the tender minimum after polishing.
- Exposed finish shall be No. 4 satin, grain aligned uniformly. Protective film shall remain until installation and be removed before handover. Galvanized or painted mild steel shall not be exposed in food, wash or splash zones.
- Worktops shall be one-piece wherever practical, edges turned down at least 40 mm and reinforced to prevent drumming or deflection. Wall-side equipment shall have a 150 mm high integral rear upstand unless the drawing shows otherwise.
- Internal corners shall be coved or radiused for cleaning. Exposed edges shall be hemmed or rounded. Sharp corners, crevices, pinholes, burrs and inaccessible dirt traps are not permitted.

ii. Welding and joints

- TIG welds using filler compatible with the parent metal. Continuous weld food-contact and wet joints; intermittent tack welds are not acceptable in wet zones.
- Welds shall be ground flush, dressed, pickled/passivated and polished to match adjoining surfaces without excessive thinning, distortion or discoloration.
- Dissimilar metals shall be isolated to prevent galvanic corrosion. Fasteners exposed to the kitchen shall be SS 304 minimum and positioned for cleaning and maintenance.

iii. Frames shelves legs and mobility

- Unless specifically stated otherwise, fixed equipment legs shall be minimum 38 x 38 x 1.5 mm SS square tube, adequately braced, with sealed ends and minimum 50 mm vertical adjustment through non-marking heavy-duty feet.
- Under shelves shall be SS 304, minimum 1.2 mm, reinforced and capable of 75 kg uniformly distributed load per shelf without permanent deformation. Worktops shall withstand minimum 150 kg/m2 UDL.
- Mobile trolleys shall have at least four non-marking swivel castors of minimum 100 mm diameter, two with brakes, sealed bearings, minimum combined safe working load 250 kg or 1.5 times operating load, whichever is greater.
- Equipment shall be stable under maximum load and during tilting. Floor fixing and anti-tip anchorage shall be provided where recommended by the manufacturer or required by risk assessment.

iv. General machine requirements

- Machines shall be new, current production, suitable for heavy-duty institutional use and rated for Indian supply conditions: 415 V, 3 phase, 4 wire, 50 Hz or 230 V, 1 phase, 50 Hz as applicable, with voltage tolerance stated by the manufacturer.
- Motors shall be minimum IE2 efficiency unless integral fractional motors are exempt, with Class F insulation, IP55 enclosure in wet kitchen areas and thermal/overload protection. All rotating drives shall be fully guarded.
- Controls shall include lockable local isolator where required, ON/OFF indication, emergency stop for powered processing machines, no-volt release, overload and short-circuit protection. Equipment shall not restart automatically after power restoration.
- Wiring within equipment shall be heat/moisture resistant, ferruled and terminated in a covered terminal box. Provide double earthing terminals for 3-phase equipment and one protective-earth terminal for single-phase equipment.
- Noise at 1 m shall generally not exceed 75 dB(A), excluding short-duration impact noise. Vibration shall not cause movement, rattling or transfer to building elements.

3. Equipment Schedule: -

1. LIST OF KITCHEN EQUIPMENTS FOR NEW ANNEX BUILDING – IIM MUMBAI

SR. NO.	PARTICULARS	QTY	SIZE / CAPACITY (AS ESTIMATED)
1	SINGLE SINK UNIT (SS 304)	1	18 × 18 × 34 + 6 in
2	WORK TABLE WITH 2 UNDER SHELVES (SS 304)	1	30 × 18 × 34 + 6 in
3	CHAPATI COLLECTION TROLLEY WITH 2 UNDER SHELVES (SS 304)	1	20 × 40 × 34 in
4	CHAPATI MACHINE (SEMI-AUTOMATIC)	1	700–1000 chapattis/hour
5	WORK TABLE WITH 2 UNDER SHELVES (SS 304)	1	36 × 28 × 34 + 6 in
6	DOUGH BALL MAKING MACHINE	1	Not specified
7	WORK TABLE WITH 2 UNDER SHELVES (SS 304)	1	47 × 36 × 34 + 6 in
8	DOUGH KNEADER	1	Not specified

9	TILTING BOILING PAN (SS 304)	2	120 liters each
10	TILTING FRYING PAN (SS 304)	1	120 liters
11	MASALA TROLLEY WITH GN PAN (SS 304)	2	24 × 24 × 34 in
12	WORK TABLE WITH 2 UNDER SHELVES (SS 304)	1	24 × 40 × 34 + 6 in
13	WORK TABLE WITH 2 UNDER SHELVES (SS 304)	2	48 × 24 × 34 + 6 in
14	SINK WITH TABLE	1	48 × 24 × 34 + 6 in
15	BULK BURNER (SS 304)	2	30 × 30 × 18 in
16	IDLI STEAMER (SS 304)	1	180 idlis
17	PULVERIZER	1	Not specified
18	POTATO PEELER	1	Not specified
19	3 SINK WITH LOADING TABLE (SS 304)	1	78 × 30 × 34 + 6 in
20	PRE-RINSE UNIT	1	T&S (model not specified)
21	HOOD TYPE DISHWASHER	1	WASHMATIC (model not specified)
22	UNLOADING TABLE (SS 304)	1	40 × 30 × 34 + 6 in
23	DIRTY DISH LANDING TABLE (SS 304)	1	60 × 24 × 34 + 6 in
24	HOT BAIN MARIE (SS 304)	2	68 × 24 × 34 in
25	1/1 GN PAN WITH LID, 6 IN DEEP (HOT)	10	1/1 GN; 6 in deep
26	COLD BAIN MARIE (SS 304)	1	28 × 24 × 34 in
27	1/1 GN PAN WITH LID, 6 IN DEEP (COLD)	2	1/1 GN; 6 in deep

2. LIST OF TAPS / FAUCETS FOR NEW ANNEX BUILDING – IIM MUMBAI

SR NO	PARTICULARS	QTY	MAKE / MODEL / REMARKS
1	Pre-rinse unit	1	T&S, Jaguar
2	Taps / mixers for single sink, sink-with-table and 3-sink unit	To be confirmed	confirm fixtures and fittings against approved plumbing layout
3	Waste couplings for sink units	To be confirmed	Waste couplings mentioned within fabrication descriptions; quantities/models not separately identified

3. LIST OF ANCILLARY EQUIPMENT FOR NEW ANNEX BUILDING – IIM MUMBAI

SR NO	PARTICULARS	QTY
1	INSECT KILLER	3
2	AIR CURTAIN	1

4. LIST OF HOODS FOR NEW ANNEX BUILDING – IIM MUMBAI

SR NO	PARTICULARS	QTY	SIZE
1	SS 304 EXHAUST HOOD WITH FILTER – ISLAND TYPE	1	160 × 100 × 18 in

2	SS 304 EXHAUST HOOD WITH FILTER – L TYPE	1	100 × 40 × 18 in
3	SS 304 EXHAUST HOOD WITH FILTER – L TYPE	1	88 × 40 × 18 in

5. EXHAUST / FRESH AIR ANCILLARIES

SR NO	PARTICULARS	QTY	CAPACITY / REMARK
1	GI ducting for exhaust	1	-
2	GI ducting for fresh air	1	-
3	Fresh air motor	1	3 HP
4	Fresh air grill	15	-
5	Canvas cloth / vibration pad	1	-
6	Stand for exhaust	1	-
7	Stand for fresh air	1	-
8	Extra hardware: rods, anchors, fasteners, angles, fittings, supports	1	-

6. LIST OF FIRE SUPPRESSION FOR NEW ANNEX BUILDING – IIM MUMBAI

SR NO	HOOD / APPLICATION	SYSTEM DESCRIPTION	QTY
1	Island-type hood (H1)	Fire tube suppression system	1
2	L-type hood(s)	Fire tube suppression system	1

7. LIST OF GRATINGS FOR NEW ANNEX BUILDING – IIM MUMBAI

SR NO	PARTICULARS	QTY	SIZE / REMARK
1	SS 304 DRAIN GRATING	12	36 × 8 in
1a	PERFORATED TRAY	12	For 36 × 8 in grating
1b	ANGLE FRAME	12	For 36 × 8 in grating
2	SS 304 DRAIN GRATING	3	36 × 24 in
2a	PERFORATED TRAY	3	For 36 × 24 in grating
2b	ANGLE FRAME	3	For 36 × 24 in grating
3	GREASE TRAP (SS 304)	2	-

8. LIST OF GAS DETECTION FOR NEW ANNEX BUILDING – IIM MUMBAI

SR NO	PARTICULARS
1	Gas leak detection sensors / detectors
2	Gas leak detection main / sub monitoring panel
3	Gas alarm hooters / flashers
4	Automatic gas shut-off solenoid valve
5	Detector cables / cable protective cover

A. CUSTOM FABRICATED EQUIPMENT: GENERAL SPECIFICATIONS

1. STAINLESS STEEL:

   - Where stainless steel is specified it shall be what is known to the trade as type AISI 304, Tested quality material to be provided or unless specified.
   - The entire front facing equipment's shall be fabricated with pre –polished S.S sheet.

2. STAINLESS STEEL PIPE AND TUBING:

   - ERW welded all tubing shall be thoroughly and properly ground smooth and finished to match adjacent work. As mentioned, or specified by Architect / Consultant.

3. HANDLES, BRACKETS, LOCKING DEVICES AND HARD WARE:

   - Wherever equipment's are provided with handles, knobs, hinges, brackets or other misc. hardware all shall be either of heavy stain finish chrome plated brass or stainless steel.
   - All drawers, enclosed cabinets, refrigerators storage bins, shall be furnished with extra heavy duty security type locking devices of cylinder type if required, chrome plated wherever required or to be discussed with KC for clarification.

4. FASTENING

   - All welds, bolts, screws, nuts and washers shall be made of steel, except where brass or stainless steel components are used, in which case the fasteners shall be of the corresponding material. Where dissimilar metals are joined, suitable fasteners shall be used to ensure compatibility and prevent galvanic corrosion.
   - The size, spacing and number of welds, bolts and screws shall be adequate to ensure firm and secure fastening, prevent loosening, deformation or bulging of the connected components, and maintain the structural stability and durability of the assembly. All fastening works shall be carried out in a proper and workmanship-like manner, as approved by the Engineer-in-Charge.

5. WELDING

   - GTAW welding process to be carried out for AISI 304 quality materials by using ER-308 filler wire. All welding shall be done in a thorough manner, with welding rod of some composition as sheets or parts welded. Welds shall be complete welds, strong and ductile, with excess metal ground off joints finished smooth to match adjoining sheet surfaces. All joints in top of fixtures, tables, drain boards; exposed shelving, sinks etc. shall be welded. All equipment here in specified, which is constructed in more than one piece of sheet of metal, shall be continuously.
   - Welded together with welds ground smooth and polished. But welds made by spot welding straps under beams and filling in the voids with solder and finished by grinding, will not be accepted.

6. GRINDING, POLISHING, FINISHING

   - All welded exposed joints shall be suitably ground flush with adjoining material and neatly finish to harmonize herewith. Wherever material has been sunken or depressed

by the welding operation, such depression will be suitably hammered and pressed flush to adjoining surfaces and if necessary again ground to eliminate low spots. All ground surfaces shall then be polished or buffed to match adjoining surfaces, consistent with good workmanship. Care shall be exercised in all grinding operations to avoid excessive heating of metal & metal discoloration. In all cases, grain of rough grinding shall be removed by successive polishing operations. Texture of final polishing operation shall be uniform and smooth consistent with reasonable care and good workmanship. General finish of all equipment shall be good.

- But joints and contact joints, wherever they occur, shall be close fitting and shall not require solder as filler. In no case in any soldering for strength and stability of joint and fixture itself.

7. LEGS:
    - All main legs to be constructed of not less than 40 mm OD appx steel 16 swg tubing or in square pipes as per KC requirement, cross bracing should not be less than 25 mm OD or in square pipes. All legs, until and unless specified, to be of 304 SS.
8. LEGS CROSS BRACING:
    - All legs bracing where required, to be constructed of not less than 25 mm diameter 18GA SS and as specified above for expect as noted below. All cross bracing to run horizontal between all legs, approximately 150 mm above floor unless otherwise specified. All joints to be completely welded around entire perimeter forming complete seal with all welds ground.
9. UNDER BRACING:
    - All stainless steel counters, tables boards and dish tables tops to be braced below with inverted type channels made of 16 GA SS or G.I as specified, measuring 25 mm X 100mm X 25mm spaced not more than 750 mm on centers and installed in similar fashion.
10. FEET:
    - All legs shall be provided with Nylon bullet feet, having an integrally formed shaft, with a minimum adjustment of Appox. 40mm without using of threading or adjusting bolts. Feet shall be completely sealed at bottom and shall be close fitting between tubular legs support and foot.
11. UNDERSHELVES:
    - Where flat under shelving is specified under shelves shall be constructed of 18 GA SS All shelving shall be rolled down on all sides Appox. 40mm in bull nosed shape with resulting corners cut out to fit contour of leg.
    - Shelving shall be welded to legs and shall be ground polished & smooth under shelving shall m be reinforced with 25 mm X 100 mm X 25 mm of 16GA SS welded channels if specified.
    - Removable type shelving to be of same material, rolled down on all sides with corners notched to counter of leg with resultant notches ground and polished smooth.

12. SINKS AND DRAIN BOARDS:

- All sinks and drain boards to be constructed of 16/18 swg unless otherwise specified with all joints neatly welded, ground and polished smooth. No soldering at any point will be accepted in sink and drain board construction.

13. SINKS SET INTO WORK COUNTERS OR WORK TOPS:

- Sinks to be constructed in 16/18 swg.
- Tops perimeter of each sink to be continuously electrically welded to the edge of opening in table or counter top with resulting welds ground and polished smooth so that sink and top are integral units. Table or counter tops to be punched to receive 20 mm faucets.
- All sinks to have vertical and horizontal corners rounded on 25 mm radius with bottom punched to 40mm or 50mm waste outlet depending on which is indicated in drawings or unless specified.
- Sinks to be finished and appearance to be same as table or counter tops.

14. STAINLESS STEEL TABLE TOPS:

- Where S.S tops are called for they shall be of not less than 16 GA S.S finished in satin finish with all resulting edges rounded with no burrs or other excess material left. Where tables are placed against building walls they are to be turned up with back splash of 150 mm Approx. Wherever it is mentioned or specified.
- Vertical and horizontal joints to be coved on 20mm radius terminating in fully coved intersections thoroughly welded, ground and polished smooth to match top surfaces.
- Top shall be constructed of single pieces of S.S and to be reinforced underneath with inverted type

15. HINGED DOORS:

- Hinged doors for cabinets, counter etc. to be constructed of 18 GA SS with ground and polished smooth. Hinges catches and locking devices to be chrome plated brass. Hinges to be of construction as to eliminate exposed bolts and screw heads.

16. WALL CABINETS:

- To be of length as shown on plans or which are specified, 325mm deep and 750mm high except where shown otherwise on drawing. Exterior bottom to be a flush type construction. Or as per data given in technical specification.
- Cabinets to be constructed of 18 GA SS of all welded construction. Cabinet interiors to be provided with fixed bottom shelf and two removable (if required), adjustable, intermediate shelves or Shelves to rest on clips, which shall be secured to keyhole strips fastened to interior of

B. IMPORTED AND BOUGHTOUT KITCHEN EQUIPMENTS

- The Kitchen equipment vendor to adhere to the brands & models as specified in this Tender. In case of unavailability of any equipment of a particular brand or model the same is to be brought to the attention of the Engineer-In-Charge.

C. GAS BANK

- Gas Piping works to be in accordance with IS 6044 Part 1 (2018). Gas piping to supplied, tested and commissioned as per the Kitchen Equipment layout plan and in coordination with the Engineer-In-Charge.
- Vendor to be visit site and work according to site conditions and share Final Drawing for approval before implementation on site.
- All Civil Work Related to Gas Banks will be in Scope of the Contractor. (Civil Work i.e. making or breaking of wall/foundations/holes in walls etc.)
- All Liaison & Statutory permissions in scope of the Client.

ABOVE ARE GENERAL SPECIFICATIONS FOR DETAILING OF EACH EQUIPMENTS PLEASE NOTE

a) Vendor should refer technical specification data sheet.
b) All isometrics to be made by vendor.
c) All isometrics to be approved by Engineer-In-Charge before production.
d) All walls measurements at site to be verified by the vendor before starting production.
e) The above general specifications are to be followed unless specified otherwise.
f) Site Study / Measurement: It will be responsibility of the Tenderer to take site visit for its study and detail measurement before starting the manufacturing of the equipment and co-ordinate with the consultant for smooth progress of the work. Fitting of equipment in to given locations will be total responsibilities of the manufacturer which must be noted. Oversized and / or undersized equipment due to site conditions will be rejected and appropriate size of product shall be fabricated.

All Civil works shall be carried out in accordance with CPWD Specifications 2019, Volume I and Volume II, along with all up-to-date correction slips and amendments issued up to the last date of submission of tender.

All Electrical, Plumbing and Drainage works shall be executed in accordance with the respective applicable CPWD General Specifications, relevant Indian Standards (IS Codes), statutory requirements and applicable amendments issued up to the last date of submission of tender.

All works shall be executed as per approved drawings, tender specifications and directions of the Engineer-in-Charge.

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : SINGLE SINK UNIT

EQUIPMENT NO :	1
QUANTITY:	1
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
18"	18"	34"	6"	NA

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU	NA	
Con.	NA	

SPECIFICATIONS

1)16 swg. stainless steel top.
2)25mm x 25mm x 3mm thick s.s. angle for frame work.
3)150mm splash at back side.
4)Radius from 20mm rod (approx 12mm radius) for splash.
5)Legs should be 38mm in square 16 swg. s.s. pipe/legs fixed with adjustable nylon bullet feet.
6)18 swg. 1 nos s.s. sink of size 350mm l x 350mm w x 250mm deep with 38mm drain
7)25mm sq. s.s. pipe for cross braising.

ACCESSORIES:

SPECIAL NOTE:

	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
IIM MUMBAI		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : WORK TABLE WITH TWO UNDER SHELF & BACK SPLASH					
EQUIPMENT NO :	2				PICTORIAL REPRESENTATION
QUANTITY:	1				
MAKE :					
MODEL:	NA				
ALTERNATE MAKE :	NA				
SIZE					
Length:	Width:	Height:	Backsplash:	Depth:	
30"	18"	34"	6"	NA	
CAPACITY	NA				

M.E.P REQUIRMENT			SPECIFICATIONS
PLUMBING :			1)Top made of 16 gauge S.S. sheets to be duly matt finished. 2)Table has 150mm height of back splash. 3)2 Nos of 18 gauges S.S. under shelve. 4)Legs should be 38mm in square 16 swg S.S pipe/legs fixed with adjustable nylon bullet feet. 5)100mm Offsets from back side to be provided for provision of any MEP services.
Cold	∅	NA	
Hot	∅	NA	
Waste	∅	NA	
ELECTRIC :			
Power		NA	
Voltage		NA	
EXHAUST			
NA			
GAS:			
BTU		NA	
Con.		NA	
ACCESSORIES:			
SPECIAL NOTE:			

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : CHAPATI COLLECTON TROLLEY

EQUIPMENT NO :	3
QUANTITY:	1
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
40"	20"	34"	NA	

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA

SPECIFICATIONS

1)16 Swg stainless steel top
2)18 Swg stainless steel 1 under shelf 3)Provision for 1/6 size 9 gn pans slots
4)18 Swg stainless steel tank for gn pans
5)100mm ∅ x 38mm thick heavy duty rubberized castor wheels 4 nos. (2 wheels of brakes & 2 wheels without brakes)

ACCESSORIES:

SPECIAL NOTE:

	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : CHAPATI MACHINE

EQUIPMENT NO :	4
QUANTITY:	1
MAKE :	
MODEL:	
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
100"	36"	48"	NA	

CAPACITY	(2000 CHAPATI/HR)

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA

SPECIFICATIONS

1)2000 CHAPATI/HOUR
2)GAS operated , BURNER OPERATED.

ACCESSORIES:

SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : WORK TABLE WITH TWO UNDER SHELF & BACK SPLASH

EQUIPMENT NO :	5
QUANTITY:	1
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
36"	28"	34"	6"	NA

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA

SPECIFICATIONS

1)Top made of 16 gauge S.S. sheets to be duly matt finished.
2)Table has 150mm height of back splash.
3)2 Nos of 18 gauges S.S. under shelve.
4)Legs should be 38mm in square 16 swg S.S pipe/legs fixed with adjustable nylon bullet feet.
5)100mm Offsets from back side to be provided for provision of any MEP services.

ACCESSORIES:

SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : DOUGH BOWL MAKING MACHINE

EQUIPMENT NO :	6
QUANTITY:	1
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
			NA	

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA

SPECIFICATIONS

Product Specifications
Capacity 1500 TO 2000 PR HR
Color Silver
Country of Origin Made in India
Cutting Method Manual
Production Capacity(Piece/Hr) 2000
Usage/Application Kitchen

ACCESSORIES:

SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : WORK TABLE WITH TWO UNDER SHELF & BACK SPLASH

EQUIPMENT NO :	7
QUANTITY:	1
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
47"	36"	34"	6"	NA

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA

SPECIFICATIONS

1)Top made of 16 gauge S.S. sheets to be duly matt finished.
2)Table has 150mm height of back splash.
3)2 Nos of 18 gauges S.S. under shelve.
4)Legs should be 38mm in square 16 swg S.S pipe/legs fixed with adjustable nylon bullet feet.
5)100mm Offsets from back side to be provided for provision of any MEP services.

ACCESSORIES:

SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : DOUGH KNEADER

EQUIPMENT NO :	17
QUANTITY:	2
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
				NA

CAPACITY	NA

M.E.P REQUIRMENT

PLUMBING :

Cold	∅	NA
Hot	∅	NA
Waste	∅	NA

ELECTRIC :

Power	NA
Voltage	NA

EXHAUST

NA

GAS:

BTU	NA
Con.	NA

SPECIFICATIONS

1) Capacity: 50L
2) Dough capactiy- 25 KG
3) Power: 1.5/1.87Kw
4) Voltage: 440V/50Hz
5) Bowl Speed: 30/20 R.P.M.
6) Mixing Speed: 310/200 R.P.M.
7) Reverse Rotation: High / Low
8) Dimension: 420x802x840mm

ACCESSORIES:

SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : TILTING BOILING PAN

EQUIPMENT NO :	9
QUANTITY:	2
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE				
Length:	Width:	Height:	Backsplash:	Depth:
NA				
CAPACITY	120LTRS			

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	1/2"
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
1800 CFM		
GAS:		
BTU	M-50 (109000 BTU/HR)	
Con.	NA	

SPECIFICATIONS

1) SS stand of 2"x2" sq pipe 14g.
2) SS 304 3mm vessel pan.
3) Bottom of 3mm ss dishes type.
4) Spring tension lid of 16G ss.
5) Utility box on RHS & LHS of 18G ss.
6) Gear worm system tilting operative handle on RHS.
7) Gas needle control valve on LHS.
8) Water inlet on RHS.
9) Burners can be given as per chef requirement

ACCESSORIES:

SPECIAL NOTE:

	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : TILTING FRYING PAN						
EQUIPMENT NO :	10					PICTORIAL REPRESENTATION
QUANTITY:	1					
MAKE :						
MODEL:	NA					
SIZE						
Length:	Width:	Height:	Backsplash:	Depth:		
NA						
CAPACITY	120 LTRS					

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	1/2"
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
1500 CFM		
GAS:		
BTU	V 600 98000 BTU/HR.	
Con.	NA	
ACCESSORIES:		
SPECIAL NOTE:		

SPECIFICATIONS

1)1420mm x 630mm x 275mm Pan Insulated Pan Made Of 3mm S.S. 304 With 12 mm M.S. with ss dummat Base Plate, All Side 35 mm Mineral Glass Wool Insulation.
2)Mounted On RHS Of The Unit With An Easy Movement And Self-Locking Worm Gear System.
3)50 x 50 mm Square Pipe, 16 SWG S.S. 304 With Adjustable Nylon Bullet Fit.
4)Made Of 20 SWG S.S. 304 Sheet.
5)Made Of 18 SWG S.S. 304 Sheet With Spring Loaded Counter Balance Arrangement & Handle In The Front For Lifting The Lid.
6)1/2 '' Water Connection.
7)2 Nos V 600 Burner 118000 btu/hr.
8)LPG Connection.

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : MASALA TROLLEY

EQUIPMENT NO :	11
QUANTITY:	2
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backs plash:	Depth:
24"	24"	34"		

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA

SPECIFICATIONS

1)16 Swg stainless steel top
2)18 Swg stainless steel 1 under shelf 3)Provision for 1/6 size 9 gn pans slots
4)18 Swg stainless steel tank for gn pans
5)100mm ∅ x 38mm thick heavy duty rubberized castor wheels 4 nos. (2 wheels of brakes & 2 wheels without brakes)

ACCESSORIES:

SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : WORK TABLE WITH TWO UNDER SHELF & BACK SPLASH

EQUIPMENT NO :	12
QUANTITY:	1
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
24"	40"	34"	6"	NA

CAPACITY	NA

M.E.P REQUIRMENT

PLUMBING :

Cold	∅	NA
Hot	∅	NA
Waste	∅	NA

ELECTRIC :

Power	NA
Voltage	NA

EXHAUST

NA

GAS:

BTU	NA
Con.	NA

SPECIFICATIONS

1)Top made of 16 gauge S.S. sheets to be duly matt finished.
2)Table has 150mm height of back splash.
3)2 Nos of 18 gauges S.S. under shelve.
4)Legs should be 38mm in square 16 swg S.S pipe/legs fixed with adjustable nylon bullet feet.
5)100mm Offsets from back side to be provided for provision of any MEP services.

ACCESSORIES:

SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : WORK TABLE WITH TWO UNDER SHELF & BACK SPLASH

EQUIPMENT NO :	13
QUANTITY:	2
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
48"	24"	34"	6"	NA

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA

SPECIFICATIONS

1)Top made of 16 gauge S.S. sheets to be duly matt finished.
2)Table has 150mm height of back splash.
3)2 Nos of 18 gauges S.S. under shelve.
4)Legs should be 38mm in square 16 swg S.S pipe/legs fixed with adjustable nylon bullet feet.
5)100mm Offsets from back side to be provided for provision of any MEP services.

ACCESSORIES:

SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : SINK WITH TABLE

EQUIPMENT NO :	14
QUANTITY:	1
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
48"	24"	34"	6"	NA

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA
ACCESSORIES:		
SPECIAL NOTE:		

SPECIFICATIONS

1)16 swg. stainless steel top.
2)25mm x 25mm x 3mm thick s.s. angle for frame work.
3)150mm splash at back side.
4)Radius from 20mm rod (approx 12mm radius) for splash.
5)Legs should be 38mm in square 16 swg. s.s. pipe/legs fixed with adjustable nylon bullet feet.
6)18 swg. 1 nos s.s. sink of size 350mm l x 350mm w x 250mm deep with 38mm drain
7)25mm sq. s.s. pipe for cross braising.

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : SINGLE BULK BURNER GAS RANGE

EQUIPMENT NO :	15
QUANTITY:	2
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
30"	30"	18"	NA	

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	1/2"
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
1800 CFM		
GAS:		
BTU		M-78 (160000 BTU/HR)
Con.		NA
ACCESSORIES:		
SPECIAL NOTE:		

SPECIFICATIONS

1)16 swg. stainless steel top.
2)19 swg. stainless steel perforated sides.
3)25mm x 25mm x 3mm thick S.S. angle for framework.
4)Legs should be 38mm square 16 swg S.S. pipe/legs fitted with adjustable nylon bullet feet.
5)2 Nos M-78(160000 BTU/HR) with 2 nos pilot provided.
6)25mm square S.S. pipe for cross braising.
7)The casting size should be 450mm X 450mm, 2 nos.
8)Raised 50mm S.S. border on 4 sides with an S.S. front panel, with needle control valves for burners and pilots.
9)100mm Offsets from back side to be provided for provision of any MEP services.
10)Soil trays to be provided.
11)Refer tap list for faucet details.
12) Gas piping in ranges and type of burners to be confirm before production

	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : IDLI STEAMER

EQUIPMENT NO :	16				PICTORIAL REPRESENTATION
QUANTITY:	1				
MAKE :					
MODEL:	GAS OPERATED				
ALTERNATE MAKE :	NA				
SIZE					
Length:	Width:	Height:	Backsplash:	Depth:	
36"	26"	60"	NA		
CAPACITY	(180 IDLIS)				



M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU	NA	
Con.	NA	
ACCESSORIES:		
SPECIAL NOTE:		

SPECIFICATIONS

1)Deck idli machine, Capacity 54 idlies each to be mounted on one above(double deck) . 2)Containing 6 trays, per trays has 9 idlies slots with deep trays.
3)GAS operated , BURNER OPERATED.
4)Whole body made of 18 SWG S.S. sheet duty matt finish.

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : PULVERISER

EQUIPMENT NO :	17
QUANTITY:	1
MAKE :	CUSTOM MADE
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
			NA	

CAPACITY

M.E.P REQUIRMENT

PLUMBING :

Cold	∅	1/2"
Hot	∅	NA
Waste	∅	NA

ELECTRIC :

Power	3.5 KW
Voltage	3 PHASE

EXHAUST

NA

GAS:

BTU	NA
Con.	NA

ACCESSORIES:

SPECIFICATIONS

1)Inner frame is made of SS 304 grade Stainless Steel
2)It reduces the grinding time drastically and make the job very easy.
3)There are no adjustments or tightening required to control the grinding
4)Safety door knob.

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : POTATO PEELER

EQUIPMENT NO :	18
QUANTITY:	1
MAKE :	CUSTOM MADE
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE				
Length:	Width:	Height:	Backsplash:	Depth:
STD				

CAPACITY	

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	1/2"
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		1.5 KW
Voltage		3 PHASE
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA

SPECIFICATIONS

1)The unit to be mounted on a stand made of S.S 16 swg 304 with suitable arrangement for accommodating drain pipe of the peeler.
2)The unit should have a safety mechanism by which if the door opened the unit should stopped.
3)The abrasive on the disk shall be fiberglass carborundum and the disk should be easily removable for maintenance & cleaning.
4)Unit shall be provided with a hose connector. It should be fitted with 1 HP motor for phase operation.

ACCESSORIES:

SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name :3 SINK UNIT WITH LOADING TABLE

EQUIPMENT NO :	19
QUANTITY:	1
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
78"	30"	34"	6"	NA

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA
ACCESSORIES:		
SPECIAL NOTE:		

SPECIFICATIONS

1)PAPER COATED STAINLESS STEEL304 MAT FINISHED
2)TOP-16 G, Legs of 1.5" x 1.5" Sq S.S Pipe. Waste Coupling & 3 SIDE CROSS BRACING WITH SINK BOWL, Adjustable NYLON BULLET feet.

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name :PRE RINSE UNIT

EQUIPMENT NO :	20
QUANTITY:	1
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
				NA

CAPACITY	NA

M.E.P REQUIRMENT

PLUMBING :

Cold	∅	NA
Hot	∅	NA
Waste	∅	NA

ELECTRIC :

Power	NA
Voltage	NA

EXHAUST

NA

GAS:

BTU	NA
Con.	NA

SPECIFICATIONS

- **Model : wall mounted with add on faucet.**
- **Low flow spray head, saving 50% water.**
- **6" Center deck/ wall mounted.**
- **12" Wall bracket , Quarter turn ceramic valve.**
- **Overhead spring goose neck spray valve.**
- **Heavy Duty brass/ SS Construction.**
- **24" riser brass, 44" flexible stainless steel hose.**

ACCESSORIES:

SPECIAL NOTE:

	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name :HOOD TYPE DISHWASHER

EQUIPMENT NO :	21
QUANTITY:	1
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
				NA

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA

SPECIFICATIONS

Rack Size 500 × 500 MM
Body Material Stainless Steel
Wash Zones Wash + Rinse
Drying System Integrated Dryer
Tank Capacity 80 LTR (WM902) / 80 + 34 LTR (WM904)
Water Consumption Approx. 1.6–1.7 L/Rack
Clear Entry Height 400 MM
Control Electronic / Touch Control
Temperature Display Digital
Power Supply 3 Phase

ACCESSORIES:

SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name :UNLOADING TABLE

EQUIPMENT NO :	22
QUANTITY:	1
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
40"	30"	34"	6"	NA

CAPACITY	NA

M.E.P REQUIRMENT

PLUMBING :

Cold	∅	NA
Hot	∅	NA
Waste	∅	NA

ELECTRIC :

Power	NA
Voltage	NA

EXHAUST

NA

GAS:

BTU	NA
Con.	NA

SPECIFICATIONS

PAPER COATED STAINLESS STEEL MAT FINISHED TOP-16 G, Legs of 1.5" x 1.5" Sq S.S Pipe, Adjustable NYLON BULLET feet

ACCESSORIES:

SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name :DIRTY DISH LANDING TABLE

EQUIPMENT NO :	28
QUANTITY:	1
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
54"	30"	34"		NA

CAPACITY	NA

M.E.P REQUIRMENT

PLUMBING :

Cold	∅	NA
Hot	∅	NA
Waste	∅	NA

ELECTRIC :

Power	NA
Voltage	NA

EXHAUST

NA

GAS:

BTU	NA
Con.	NA

SPECIFICATIONS

1)Top made of 16 gauge S.S. sheets to be duly matt finished
2) 4" top and Sides Border for soiled Dish Landing to have 1" Raised 8" dia Garbage Chute
3) Waste Coupling and Cross Bracing Below Legs of 1.5" x 1.5" sq s.s
4)Pipe with Cross bracing from 3 Sides of 1.25" sq s.s legs fixed with adjustable nylon bullet feet.

ACCESSORIES:

SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name :Hot bain marie

EQUIPMENT NO :	24
QUANTITY:	2
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
68"	24"	34"		NA

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA

SPECIFICATIONS

1)The outer body made of 18 gauges S.S. sheet duly matt finished.
2)1/1 size 5 GN pans deep of 150mm.
3)1 nos 3 KW single phase power connection. There should be provision for water inlet & outlet.
4)The inlet & outlet arrangement plumbing should have ball valve assembly fixed with the Bain Marie.
5)Small panel box should be provided with indicator light (PL 40) lamps of red & green color for on & off position. The panel box should collapsible and should be fixed post Civil Work.
6)The thermostat of 30 to 110˚ C should be provided along with 1 pole rotary switch.
7) 100mm Ø x 38mm thick heavy duty rubberized castor wheels 4 nos. (All wheels have brakes)

ACCESSORIES:	.....

SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name :Cold bain marie

EQUIPMENT NO :	25
QUANTITY:	1
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
68"	24"	34"		NA

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU	NA	
Con.	NA	

SPECIFICATIONS

1)The outer body made of 18 gauges S.S. sheet duly matt finished.
2)1/1 size 2 GN pans deep of 150mm.
3)Compressor KIRLOSKAR
4)Small panel box should be provided with indicator light (PL 40) lamps of red & green color for on & off position. The panel box should collapsible and should be fixed post Civil Work.

ACCESSORIES:	.....

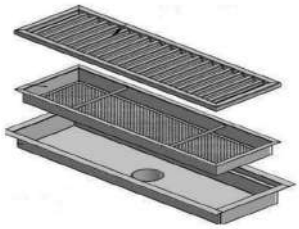
SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : SS GRATING WITH TROUGH

EQUIPMENT NO :	1
QUANTITY:	12
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
36"	8"			NA

CAPACITY	NA

M.E.P REQUIRMENT

PLUMBING :

Cold	∅	NA
Hot	∅	NA
Waste	∅	NA

ELECTRIC :

Power	NA
Voltage	NA

EXHAUST

NA

GAS:

BTU	NA
Con.	NA

SPECIFICATIONS

PAPER COATED STAINLESS STEEL MAT FINISHED 304

ACCESSORIES:

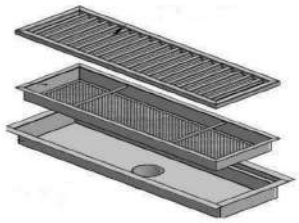
SPECIAL NOTE:

	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : SS GRATING WITH TROUGH

EQUIPMENT NO :	2
QUANTITY:	3
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
36"	24"			NA

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA

SPECIFICATIONS

PAPER COATED STAINLESS STEEL MAT FINISHED 304

ACCESSORIES:

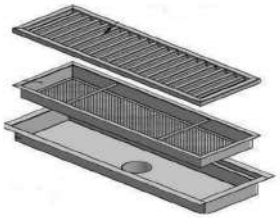
SPECIAL NOTE:

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : SS GRATING WITH TROUGH

EQUIPMENT NO :	2
QUANTITY:	3
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
36"	24"			NA

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA

SPECIFICATIONS

PAPER COATED STAINLESS STEEL MAT FINISHED 304

ACCESSORIES:	
SPECIAL NOTE:	

IIM MUMBAI	IIM MUMBAI NEW ANNEXE BUILDING	CLIENT	IIM
		Project No.	
		Made	SA
	Document Title	Rev	0
		Date	

Equipment Name : GREASE CHAMBER

EQUIPMENT NO :	3
QUANTITY:	2
MAKE :	
MODEL:	NA
ALTERNATE MAKE :	NA

PICTORIAL REPRESENTATION



SIZE

Length:	Width:	Height:	Backsplash:	Depth:
				NA

CAPACITY	NA

M.E.P REQUIRMENT		
PLUMBING :		
Cold	∅	NA
Hot	∅	NA
Waste	∅	NA
ELECTRIC :		
Power		NA
Voltage		NA
EXHAUST		
NA		
GAS:		
BTU		NA
Con.		NA

SPECIFICATIONS

PAPER COATED STAINLESS STEEL MAT FINISHED 304

ACCESSORIES:	
SPECIAL NOTE:	

D. QUALITY CONTROL

1. All materials, equipment, accessories and workmanship used in the work shall conform to the approved tender specifications, Technical Data Sheets, approved makes, relevant IS/BIS Standards, CPWD specifications wherever applicable, and directions of the Engineer-in-Charge.
2. All fabricated kitchen equipment shall be manufactured using SS 304 grade stainless steel of the specified thickness/gauge. The contractor shall submit material test certificates / mill certificates for stainless steel, wherever required by the Engineer-in-Charge.
3. All food-contact surfaces shall be smooth, hygienic, non-toxic, corrosion-resistant and free from sharp edges, pits, cracks, crevices, burrs and other defects. Welding shall be neat and continuous, and exposed welds shall be properly ground, polished and finished.
4. The contractor shall submit the proposed make, model, catalogue, technical data sheet and manufacturer's details for all bought-out equipment before procurement. No material/equipment shall be installed without approval of the Engineer-in-Charge.
5. The dimensions, capacities, material specifications, power requirements, plumbing requirements, gas connections and other parameters of each kitchen equipment shall strictly conform to the approved Technical Data Sheets and Schedule of Quantities.
6. The contractor shall verify all dimensions and service requirements at site before fabrication. Any equipment fabricated without site verification and subsequently found unsuitable shall be modified/replaced by the contractor at no additional cost to IIM Mumbai.
7. IIM Mumbai / Engineer-in-Charge shall have the right to inspect the equipment at the manufacturer's/fabricator's workshop and/or at site at any stage of fabrication, supply and installation. Such inspection shall not relieve the contractor of its responsibility for quality and performance.
8. All concealed Civil, Drainage/Plumbing and Electrical Works shall be offered for inspection before covering. Photographs and measurements of concealed works shall be maintained and submitted as directed by the Engineer-in-Charge.
9. All electrical equipment and associated installations shall be tested for insulation resistance, earthing continuity, polarity, phase sequence, protective devices and safe operation before commissioning.
10. All plumbing and drainage connections shall be checked for leakage, proper slope, drainage flow and satisfactory operation before handing over.
11. Gas-operated kitchen equipment shall be tested for leakage and safe operation before commissioning. All burners, valves, regulators and equipment-side gas connections shall comply with the approved specifications and applicable safety requirements.
12. Exhaust hood, ducting, fresh-air system and associated equipment shall be checked for proper fabrication, support, alignment, air flow and vibration-free operation, wherever included in the scope of work.
13. Fire suppression and gas detection systems, wherever included in the scope, shall be tested for satisfactory operation and interface with the relevant safety systems before handing over.
14. All equipment shall undergo functional and performance testing at site. The contractor shall demonstrate the rated capacity/performance of the equipment to the satisfaction of the Engineer-in-Charge.
15. Any material, equipment or workmanship found defective, damaged or not conforming to the approved specifications shall be rejected and shall be replaced/rectified by the contractor at its own cost within the time specified by IIM Mumbai.
16. The contractor shall maintain proper quality-control records including material approvals, inspection reports, test certificates, equipment catalogues, warranty certificates, site test reports and commissioning records.
17. The contractor shall submit a Quality Assurance / Quality Control (QA/QC) Plan before commencement of fabrication/installation, covering material inspection, fabrication checks, installation checks, testing and commissioning activities.

18. Final acceptance of the work shall be subject to satisfactory inspection, testing, commissioning, rectification of all defects/snags and submission of all required quality-control documents, test reports, warranties and as-built drawings.
19. Approval or inspection by IIM Mumbai shall not relieve the contractor from any contractual obligation regarding quality, performance, safety, durability and satisfactory functioning of the complete kitchen installation.
20. The decision of the Engineer-in-Charge regarding acceptance/rejection of material, equipment or workmanship shall be final and binding on the contractor.
21. The grade and quality of stainless steel used for fabrication, including SS 304 sheets, plates, pipes, tubes, angles and other structural/fabricated components**,** shall be verified through testing at a NABL-accredited / Government-recognized third-party laboratory, whenever directed by the Engineer-in-Charge. The test shall confirm the chemical composition, grade of stainless steel and other relevant parameters specified in the tender.
22. Where required, the quality of welding shall also be verified through appropriate Non-Destructive Testing (NDT) / laboratory testing, such as dye penetrant testing, visual inspection, weld quality examination or any other suitable test as directed by the Engineer-in-Charge, particularly for food-contact, wet-area, pressure-containing or critical fabricated joints.
23. All such third-party tests for stainless steel, welding and other materials/workmanship shall be arranged by the OEM / Contractor at its own cost**.** The OEM / Contractor shall coordinate with the approved laboratory and arrange sampling, test pieces, transportation, testing facilities, documentation and all incidental requirements.
24. Testing shall be carried out in the presence / witness of the Engineer-in-Charge or an authorized representative of IIM Mumbai**,** wherever required. The OEM / Contractor shall give sufficient advance notice to IIM Mumbai regarding the proposed date, time and location of testing so that the Engineer-in-Charge / authorized representative can witness the test.
25. The third-party laboratory shall issue the original test report / certificate, duly signed and authenticated. The test report shall clearly indicate the sample identification, material grade, applicable standard, test parameters, test results and conformity status.
26. In case any tested material, stainless-steel component, welding or fabrication is found not conforming to the tender specifications, approved drawings or applicable standards, the same shall be rejected and replaced / rectified by the Contractor at its own cost. Any re-testing required after rectification or replacement shall also be arranged by the Contractor at its own cost.
27. No extra payment whatsoever shall be admissible to the OEM / Contractor for third-party laboratory testing, NDT, sampling, transportation of samples, witnessing arrangements, re-testing or any associated expenses. All such costs shall be deemed to be included in the quoted tender amount / accepted contract price.

SECTION– V

GENERAL CONDITIONS OF CONTRACT

A. CONDITIONS OF THE CONTRACT

Definitions	1.	The Contract means the documents forming the tender and acceptance thereof and the formal agreement executed between the IIM Mumbai and the Contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Engineer-In-Charge and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.
	2.	In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them: - i. **"Client/ Employer"** shall mean "Director, Indian Institute of Management Mumbai" having address at 1st Floor, NITIE Admin Block, Powai, Mumbai, IIM Mumbai, Vihar Lake Rd, Maharashtra 400087 & include their successors & permitted assigns as well as their authorized officer / representatives, for execution of the Work / Project as mentioned in NIT. ii. "Principal Client Owner" shall mean "IIM Mumbai" having their office at Powai, Mumbai & include their successors & permitted assigns as well as their authorized officer / representatives, for execution of the Work / Project as mentioned in NIT. iii. The expression **works** or **work** shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional. iv. The **Site** shall mean the land/or other places on, into or through which work is to be executed under the contract or any adjacent land, path or street through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract. v. The **Bidder** shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm or company who are participating in Bidding process and will Execution the project after award of the works as Contractor. vi. The **Engineer-in-Charge** shall mean the Engineer Officer appointed by IIM Mumbai or his duly authorized representative who shall direct, supervise and be in-charge of the work for the purpose of this Contract. vii. **Accepting Authority** shall mean the authority mentioned in NIT. viii. **Tenderer / Bidder** shall mean the firm/party who intends to participate in this Notice Inviting Tender. ix. **Excepted Risk** are risks due to riots (other than those on account of contractor's employees), war (whether declared or not) invasion, act of foreign enemies, hostilities, civil war,

		rebellion revolution, insurrection, military or usurped power, any acts of Government, damages from aircraft, acts of God, such as earthquake, lightening and unprecedented floods, and other causes over which the contractor has no control and accepted as such by the Accepting Authority or causes solely due to use or occupation by Government of the part of the works in respect of which a certificate of completion has been issued or a cause solely due to Government's faulty design of works. x. **Market Rate** shall be the rate as decided by the Engineer- in-Charge on the basis of the cost of materials and labour at the site where the work is to be executed plus the percentage mentioned in NIT to cover, all overheads and profits. xi. **Schedule(s)** referred to in these conditions shall mean the relevant schedule(s) annexed to the tender papers or the standard Schedule of Rates of the government mentioned in NIT hereunder, with the amendments thereto issued up to the date of receipt of the tender. xii. **District Specifications** shall mean the specifications followed by the State Government in the area where the work is to be executed. xiii. **The Contractor/Successful Bidder** shall mean the firm or company whose bid has been found responsive and accepted by IIM and shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm or company. xiv. **Tendered value** means the value of the entire work as stipulated in the letter of award. xv. **Date of commencement of work:** The date of commencement of work shall be the date of start as specified in the NIT or the first date of handing over of the site, whichever is later, in accordance with the phasing if any, as indicated in the tender document.
Scope and Performance	3.	Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.
	4.	Headings and Marginal notes to these General Conditions of Contract shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof or of the contract.
	5.	The contractor shall be furnished, free of cost one certified copy of used the contract documents except standard specifications and such other printed
Works to be carried out	6.	The work to be carried out under the Contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The descriptions given in the Schedule of Quantities shall, unless otherwise stated, be held to include wastage on materials, carriage and cartage, carrying and

		return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.
Sufficiency of Tender	7.	The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the (Not Applicable) rates & prices quoted in the Schedule of Quantities/ Building Components, which rates and prices shall, except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.
Discrepancies and Adjustment of Errors	8.	The several documents forming the Contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale drawing and figured dimensions in preference to scale and NIT in preference to General Conditions.
	8.1	In the case of discrepancy between the Schedule of Quantities, the Specifications and/ or the Drawings, the following order of preference shall be observed: - i. Description of Schedule of Quantities ii. Particular Specification and Special Condition, if any. iii. Drawings. iv. CPWD Specifications. v. Indian Standard Specifications of B.I.S.
	8.2	If there are varying or conflicting provisions made in any one document forming part of the contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor.
	8.3	Any error in description, quantity or rate in Schedule of Quantities or any omission therefrom shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the contract.
Signing of Contract	9.	The successful tenderer/contractor, on acceptance of his tender 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 tender, all the documents including corrigendum, drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto. ii. Agreement & acceptance of the following: - a) Various standard clauses with corrections up to the date stipulated in NIT along with annexures thereto. b) Safety Codes. c) Model Rules for the protection of health, sanitary arrangements for workers employed IIM Mumbai or contractors. d) Contractor's Labor Regulations.

		e) List of Acts and omissions for which fines can be imposed. f) No payment for the work done will be made unless contract is signed by the contractor.

1. **CONTRACTOR TO PROVIDE FACILITIES & CO-OPERATION**- Contractor shall provide everything necessary for the proper execution of the works according to the intent and meaning of the drawings, schedule of quantities and specifications taken together whether the same may not be particularly shown or described therein provided that the same can reasonably be inferred there from and if contractor finds any discrepancy in drawings or between the drawings, schedule of quantities and specifications he shall immediately and in writing refer same to the Engineer In charge who shall decide what is to be followed.

2. **AUTHORITIES, NOTICES AND PATENTS**- The contractor shall confirm to the provisions of any act of the Legislature relating to the works and to the regulations & bylaws of any authority and of any water, lighting & other companies and/or authorities with whose system the structures is proposed to be connected and shall, before making any variations from the drawings or specification that may be necessitated by so confirming, give to the Owner written notice specifying the variation proposed to be amended time receive such instructions he shall proceed with the work, conforming to the provisions, regulations or bylaws in question and any variation so necessitated shall be dealt as specified in the Clause. The contractor shall bring to the attention of the Engineer in charge all notices required by the said acts, regulations or bylaws to be given to any authority and pay to such authority or to any public office all fees that may be properly chargeable in respect of the works & lodge the receipt with the owner. The contractor shall identify the owners against all claims in respect of patent rights, all shall defend all actions arising from such claims & shall himself pay all royalties, license fees, damage, costs penalty legal charges and charges of all and every sort that may be legally incurred in respect thereof including octroi if payable.

3. **SETTING OUT WORKS**- The contractor shall set out the works & shall be responsible for the true & perfect setting out of the same & for the correctness of the positions, levels dimensions & alignment of all parts thereof. If at any time any error in this respect arises during the progress of the work the contractor shall at his own expense rectify such error if so required to the satisfaction of the Engineer in charge. Before start of work reference lines & benchmarks shall be established, permanent base line & cross lines shall be established by the contractor at sufficiently close intervals in consultations with the Engineer in charge. The Contractor shall provide at his expenses all templates, pillars and equipment's (including chain, tape etc.), materials and labor for establishing the grand lines & pillars & shall be responsible for their maintenance during the work period of the constructions. The reference posts/benchmarks & pillars already established at site shall be fully guarded. He shall repair/rebuild the same in case of any damage or otherwise.

4. **MATERIALS AND WORKMANSHIP TO CONFORM TO DESCRIPTION**- The contractor shall, at his own expense, provide all materials required for works other than those which are to be supplied by the Institute. All materials and workmanship shall so far as procurable be of the respective kinds described in the schedule of quantities and in conformity with the specification and in accordance with the instructions and the contractor shall upon the request of the Engineer furnish them with all invoices, accounts receipts and other vouchers to prove that the materials comply therewith. The contractor shall at his own expense and without delay supply to the Engineer in charge samples of materials proposed to be used in the work. The Engineer in charge shall within seven days' supply of samples intimate to the contractor in writing whether the samples are approved by him or not. If samples are not approved, the contractor shall arrange to

supply to the Engineer in charge for approval fresh samples complying with the specification laid down in the contract. The contractor shall at his own cost arrange for and / or carry out any test of any materials from Govt. authorized labs which the Engineer in charge may require.

5. **CONTRACTOR'S SUPERINTENDENT AND REP. OF THE WORKS**- The contractor shall give all necessary personal superintendence during the execution of the works and as long thereafter as the Engineer in charge may consider necessary until the expiration of the **"defects liability period"** stated in the Appendix hereto. The contractor shall also during the whole time, the works are in progress employ a competent authorized representative who shall be constantly in attendance at the site while the men are at work. Any directions, explanation instructions or notices given by the Engineer in charge to such representative shall be held to be given to the contractor. The contractor will be asked to stop the work if his authorized representative is not the site during the progress of the work.

6. **DISMISSAL OF WORKMAN-** The contractor may on the request of the Owner/Engineer immediately take disciplinary action against any person employed thereon by him who may in their option is incompetent or indulge in any misconduct and such person shall not be again engaged for the work being carried out at the Institute's premises without the sanction of the Institute. It is expressly agreed and understood between the parties that under no circumstances, the workmen employed by the contractor can be considered as the workmen of the Owner. The contract shall have full and final authority in respect of such contractor's workmen. Similarly, it is expressly agreed that the contractor shall comply with all the requirements of rules and regulations contained in various acts and enactments concerning labor laws. Further he shall maintain day to day attendance cum wage registers, all other records concerning the workmen pay minimum wages, as applicable etc. further any injury caused to any workmen during work or otherwise, the contractor shall alone be responsible for treatment compensation, damage interest etc. under the provisions of workman's compensation Act. 1923 to the extent applicable. The contractor must obtain the license at his own cost and get himself regd. Under the provisions of the contract labor (Regulation and Abolition) Act. 1970. Under no circumstances, the owner shall be responsible for any lapses on the part of the contractor.

7. **ASSIGNMENT AND SUB-LETTING-** The whole of the works included in the contract shall be executed by the contractor and the contractor shall not directly or indirectly transfer assign or underlet the contractor or any part thereof or interest therein without the written consent of the Architect and no undertaking shall relive the contractor from the full and entire responsibility of the contract of from the active superintendence of the works during their progress. In case the whole or a part of the work is subject to any subcontractor or such agents, the contractor shall identify the owner that any claims/damages theft arising out of any acts/omission or commissions of such subcontractor or agents in whatever manner. The responsibility for the satisfactory completion of the work as per this contract shall be entirely his (contractor). If the work is sublet by the contractor at any point in time without informing the Institute, the same shall be terminated by the Institute without giving any notice/period and reasons thereof.

8. **VARIATIONS NOT TO VITIATE CONTRACT**- The quantities of work shown in the tender are approximate and no claim shall be entertained for quantities of work executed being more or less than those entered in the tender or estimate. No revision in rates shall be permitted in any respect of any of the items on account of any variation in the quantities. No alteration, omission or variations shall vitiate this contract but in case the Engineer In

charge thinks proper at any time during the progress of the works to make any alterations in or additions to or omission from the works or any alteration in the kind or quality of the materials to be used therein and shall give notice thereof inform in writing under his hand to the contractor, the contractor shall alter, add to or omit from as the case may require in accordance with such notice but the contractor shall not do any work extra to or make any alterations or additions to or omissions from the works or any deviation from any of the provisions of the contract, stipulation specification or contract drawings without the previous consent in writing of the Architect/ Engineer In charge and value of such extras alterations additions or omissions shall in all cases be determined as per clause specified in tender and the same shall be added to or deducted from the contract amount accordingly. If at any time after acceptance of the tender the Institute shall decide to abandon reduce the scope of works for any reasons whatsoever an hence not require the whole or any part of work to be carried out the Engineer In charge shall inform the contractor in writing to that effect and the contractor shall have no claim to any payment or compensation or otherwise whatsoever on account of loss or any profit or advantage which he might have derived from the execution of the works in full but which did not derive inconsequence of the foreclosure of the whole or part of the works. The contractor shall be paid at the contract rates the full amount of the work actually executed at site.

9. **SCHEDULE OF QUANTITIES**- The schedule of quantities unless otherwise stated shall be deemed to have been prepared in accordance with the standard method of measurement of building works by ISI. Any error in description or in omission or items from the schedule of quantities shall not vitiate this contract but shall be rectified and the value thereof as specified in the Clauses hereof shall be added to or deducted from the contract amount (as the case may be) provided that there shall be no rectification of errors in the contractor's schedule of rates.

10. **SUFFICIENCIES OF SCHEDULE OF QUANTITIES**- The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of this tender for the works and of the prices stated in the schedule of quantities and/or the schedule of rates and prices which rates and price shall cover all his obligations under the contract and all matters and things necessary for the proper completion of the works. Any such discrepancy if observed is to be brought to the notice of the Engineer in charge before commencement of the work. However, if any discrepancy is noted during the execution of the works the same shall be decided by the Engineer in charge and their decision shall be final and binding on the contractor.

11. **MEASUREMENT OF WORK**- The Engineer In charge may from time to time intimate to the Contractor that they require the works to be measured and the contractor shall forthwith attend or send a qualified agent to assist the Architect/ Engineer In charge in taking such measurement and calculations and to furnish all particulars and to give all assistance by either of them should the contractor not attend or neglect or omit to stand such agent then the measurement taken by the Engineer In charge shall be taken to be the correct measurements of the works. Such measurements shall be taken in accordance with the standard method of measurement of building works last before issued by the Indian Standard Institution unless otherwise provided in this contract. The contractor shall sign all the measurements and documents on the token of acceptance. The contractor or his agent may at the time of measurement take such notes and measurements as he may require.

12. **REMOVAL OF IMPROPER WORK**- The Engineer In charge shall during the progress of the works have to order in writing from time to time removal from the works within such reasonable time as may be specified in the order or any material which in their opinion are not in accordance with the specification the substitution of proper materials

and the removal and proper re-execution of any work executed with materials or workmanship not in accordance with the drawings and specification or instructions and the contractor shall forthwith carry out such order at his own cost. In case of default on the part of the contractor to carry out such order the owner shall have the power to employ and pay other persons to carry out the same and all expenses consequent or incidental thereto as certified by the Architect shall be borne by the Contractor or may be deducted by the Owner from any moneys due or that may become due to the Contractor.

13. **DATE OF COMMENCEMENT**- The Contractor shall be allowed admittance to the site on the "Date of Commencement" stated in the Appendix. As aforesaid the work order will be issued by the Engineer In charge by regd. Post A/D and a period of four days shall be considered as period of postal transit. The work order would be deemed to have been received by the selected tenderer on fifth day after the issue of work order letter and the conditions of contract would come into force immediately from the day on which work order is deemed to be received and would be binding on the Institute and on the contractor a separate contract may or may not be signed thereafter. A period of five days will be considered as the mobilization period and the period of work will be deemed to be commenced at the end of the mobilization period. This date of commencement shall be mentioned in the work order as well as in the appendix to the contract document. The contractor shall thereupon and forthwith begin the work and shall regularly proceed with and complete the same on or before the date of completion stated in the work order and appendix in the contract document subject nevertheless to the provision of the extension of time limit hereinafter contained. The contractor shall submit within 7 days after receipt of the work order the program of execution of the work- week wise and shall endeavour to follow the targets. Any backlogs due to unforeseen should be made good in the following week.

14. **CERTIFICATES AND PAYMENTS-** The contractor shall be paid by the owner from time to time by installments. The contractor must submit a related measurement sheet implicated on 15th and 30th of every month for the work to be completed by such date. At the end of every month the contractor has to submit his R A bill together with the detailed measurement sheets, interim certificates will be issued after the measurements submitted by the contractor are checked and verified jointly by the contractor's representative, the IIM Mumbai's Engineer at site and on account of the works executed in accordance with this contract, subject however to the minimum value of the certificate that can be issued as specified in the Appendix hereto as "Minimum value of the interim certificate" and also subject to a retention of the percentage of such value named in the Appendix hereto as "Retention percentage for interim Certificates" until total amount retained shall reach the sum named in Appendix as "Total Retention Money". And the contractor shall be entitled to the payment of the Final balance in accordance with the final certificate to be issued in writing duly verified by the Engineer In charge at the expiration of the period referred to as "the defects liability period" in the appendix hereto from the date of virtual completion as soon after the expiration of such period as the work shall have been finally completed and all defects made good according to the true intent and meaning which ever shall last happen provided always that the issue of any certificate during the progress of the works or at after their completion shall not relieve the contractor of his liability under any clause nor relieve the contractor of his liability in case of fraud, dishonesty or fraudulent concealment relating to the work or materials or to any matter dealt within the certificate and in case of all defects and in- sufficiency's in the works or materials which a reasonable examination would not have disclosed. No certificate of the and/or Engineer in charge shall of itself be conclusive evidence that any works or materials to which it related are in accordance with the contract Engineer in charge shall have power to withhold any certificate including the final certificate if the works or any parts thereof are not being

carried out to their satisfaction and in compliance with the conditions laid down. Engineer in charge shall have powers to retain total amount or part amount of the value of any work item(s) in which defects have been pointed out to the contractor before issue of certificate and pending rectification of the contractor.

15. **OTHER PERSONS ENGAGED BY OWNER-** The owner reserves the right to use the premises & any portions of the site for the execution of any work not included in this Contract which he may desire to have carried out by other person & the contractor is to allow all reasonable facilities for the execution of such work but he is not required to provide any or materials for the execution of such work except by special arrangement with owner. Such work shall be carried out in such a manner as not to impede the progress of the works included in the contract & the contractor is not to be responsible for any damage or delay which may happen to be occasioned by such work.

16. **TERMINATIONS**

a) **TERMINATION OF CONTRACT BY OWNER**- If the contractor being an individual or a firm commits any "Act of Insolvency";

1. Or shall be adjudged an insolvent or being an incorporated company shall have an order for company winding up made against it or pass an effective resolution for winding up voluntarily or subject the supervision of the Court and of the official assistance of the Liquidator in such acts of insolvency or wing up shall be unable within seven days after notice to him requiring him to do so, to show to the reasonable satisfaction of the Engineer in charge that he is able to carry out and fulfill the contract and give security therefore, if so required by the owner.
2. Or if the contractor (whether an individual, firm, incorporated company) shall suffer execution to be issued or shall suffer any payment under this contract to be attached by or on behalf of any of the creditors of the contractor.
3. Or shall assign or sublet this contract without the consent in the writing of the Institute first obtained.
4. Or shall charge or encumber this contract or any payments due or which may become due to the contractor hereunder.
5. Or if the owner is satisfied that the contractor;
6. has abandoned the contract or
7. has failed to commence the work or has without any lawful excuse under these conditions suspended the progress of the work for 14 days after receiving from the Engineer in charge written notice to proceed has failed to remove materials from the site or to pull down and replace work for seven days after receiving from the Engineer in charge under these conditions.

    a. has neglected or failed persistently to observe the perform all or any of the acts, matters or things by this contract to be observed and performed to the contractor for seven days after written notices shall have been given to the contractor requiring the contractor observe or perform the same or has to the detriment of the good workmanship or in defiance of the Engineer in charge instructions to the contrary sublet any part of the contract.

    b. Often and any of the said cases the Institute may not withstand any previous waiver after giving seven days' notice in writing to the contractor terminating the contract forthwith. The obligations and liabilities of the contract, the whole of which shall be terminated and as if the works subsequently executed had been executed by or on behalf of the contractor. And further the Institute may enter upon and take possession of the works and all plant, tools, scaffoldings, sheds, machinery, steam & other power

utensils and material lying on the premises or may employ the same by means of his own servants and workman in carrying on and completing the works or by employing any other contractors or other persons to complete the works or by employing any other contractors or other persons to complete the works and the contractor shall not in any interrupt or do any act matter or thing to prevent or hinder such other contractor or other person or persons employed for completing and finishing or using the materials and plant for the works. When the works shall be completed or as soon thereafter as convenient the owner shall give a notice in writing to the contractor to remove his surplus materials and plant and should the contractor fails to do so within a period of 4 days after receipt thereof by him the owner shall give a notice in writing to the contractor fails to do so for a period of 14 days after receipt thereof by him, the owner shall sell the same by public auction and it give credit to the contractor for the amount so realized after adjusting the expenses so incurred in subject thereof. The Engineer In charge shall thereafter ascertain and certify in writing under his hand what (if thing) shall be due or payable by the owner for the value of the said plant and materials so taken the concession of by the owner and the expense or loss which the owner shall have been put to in procuring the works to be completed and the amount if any, owing to the contractor and the amount which shall be so certified shall thereupon be paid by the owner to the contractor or by the contractor to the owner as the case may be and the certificate of the Engineer In charge shall be final and conclusive between the parties.

b) TERMINATION OF CONTRACT BY CONTRACTOR- The payment of the amount payable by the Owner shall be in arrears and up-paid for thirty days after notice in writing requiring payment of the payment as aforesaid shall have been given by the contractor to the owner or if the owner interferes with or acts the issue of any such certificate or the owner commits any "Act of Insolvency" or if the owner going on individual or firm) shall be adjudged insolvent or (being an incorporated company) shall have an amount made against him or pass an effective Resolution for winding up either compulsorily or subject to the revision of the court or voluntarily, or if the official Assignee or the Liquidator in any such winding up shall able within fifteen days after notice to him requiring him so to do, to show to the reasonable satisfaction of contractor that he is able to carry out and fulfil the contract and to make Contractor, to give security of or if the works be stopped for all payments due and to become due there under and, if required by or by injunction or other order of any court of law, then and in any of the said cases the contractor shall be liberty to determine the contract by notice in writing to the owner and he shall be entitled to recover from the owner payment for all works duly executed and for any loss he may sustain upon any plant or materials supplied or purchased or prepared for the purpose of the contract. In arriving at the amount of such payment the net rates contained in the contractor's original tender shall be followed, or where the same may not apply valuation shall be made in accordance as specified in clauses.

GENERAL CONDITION OF CONTRACT
CLAUSES OF CONTRACT

Clause 1: Performance Guarantee

(i) The contractor shall submit an irrevocable Performance Guarantee at 5% of the contract amount, in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) within period specified in Schedule 'F' from the date of issue of letter of acceptance. This period can be further extended by the Engineer in-Charge up to a maximum period as specified in schedule 'F' on written request of the contractor stating the reason for delays in procuring the Performance Guarantee, to the satisfaction of the Engineer-in-Charge. This Guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks. In case a fixed deposit receipt of any Bank is furnished by the contractor to the Government as part of the performance guarantee and the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the Government to make good the deficit.

(ii) The Performance Guarantee shall be submitted by the contractor on format as per GCC and shall be initially valid up to the stipulated date of completion plus minimum 6 months beyond that. In case the time for completion of work gets enlarged, the contractor shall get the validity of Performance Guarantee extended to cover such enlarged time for completion of work. After recording of the completion certificate for the work by the competent authority, the performance guarantee shall be returned to the contractor, without any interest. However, in case of contracts involving maintenance of building and services/any other work after construction of same building and services/ other work, then 50% of Performance Guarantee shall be retained as Security Deposit. The same shall be returned year wise proportionately.

(iii) The Engineer-in-Charge shall not make a claim under the performance guarantee except for amounts to which the President of India is entitled under the contract (not withstanding and/or without prejudice to any other provisions in the contract agreement) in the event of:

(a) Failure by the contractor to extend the validity of the Performance Guarantee as described herein above, in which event the Engineer-in-Charge may claim the full amount of the Performance Guarantee.

(b) Failure by the contractor to pay President of India any amount due, either as agreed by the contractor or determined under any of the Clauses/Conditions of the agreement, within 30 days of the service of notice to this effect by Engineer in-Charge.

(iv) In the event of the contract being determined or rescinded under provision of any of the Clause/Condition of the agreement, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of the President of India. On substantial Completion of any work which has been completed to such an extent that the intended purpose of the work is met and ready to use, then a provisional Completion certificate shall be recorded by the Engineer-in-Charge. The provisional certificate shall have appended with a list of outstanding balance item of work that need to be completed in accordance with the provisions of the contract. This provisional completion certificate shall be recorded by the concerned Engineer- in charge with the approval of Superintending Engineer /Project Manager / Chief Engineer/ Chief Project Manager, if required. After recording of the provisional Completion Certificate for the work by the competent authority, the 80 % of performance guarantee shall be returned to the contractor, without any interest. However, in case of contracts involving Maintenance of building and services /any other work after construction of same building and services/ other work, then 40% of performance guarantee shall be returned to the contractor, without any interest after recording the provisional Completion certificate

Clause 1A: Recovery of Security Deposit

The person(s) whose tender may be accepted (hereinafter called the contractor) shall permit Government at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 5% of the gross amount of each running and final bill till the sum deducted will amount to security deposit of 5% of the tendered amount of the work. Such deductions will be made and held by Government by way of Security Deposit unless he/they has/have deposited the amount of Security at the rate mentioned above in the form of Government Securities or fixed deposit receipts. In case a fixed deposit receipt of any Bank is furnished by the contractor to the Government as part of the security deposit and the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the Government to make good the deficit. All compensations or the other sums of money payable by the contractor under the terms of this contract may be deducted from, or paid by the sale of a sufficient part of his security deposit or from the interest arising there from, or from any sums which may be due to or may become due to the contractor by Government on any account whatsoever and in the event of his Security Deposit being reduced by reason of any such deductions or sale as aforesaid, the contractor shall within 10 days make good in cash or fixed deposit receipt tendered by the State Bank of India or by Scheduled Banks or Government Securities (if deposited for more than 12 months) endorsed in favour of the Engineer-in-Charge, any sum or sums which may have been deducted from, or raised by sale of his security deposit or any part thereof. The security deposit shall be collected from the running bills and the final bill of the contractor at the rates mentioned above.

The security deposit as deducted above can be released against bank guarantee issued by a scheduled bank, on its accumulations to a minimum of Rs. 5 lac subject to the condition that amount of such bank guarantee, except last one, shall not be less than Rs. 5 lac. Provided further that the validity of bank guarantee including the one given against the earnest money shall be in conformity with provisions contained in clause 17 which shall be extended from time to time depending upon extension of contract granted under provisions of clause 2 and clause 5.

In case of contracts involving maintenance of building and services/any other work after construction of same building and services/other work, then 50% of Performance Guarantee shall be retained as Security Deposit. The same shall be returned year wise proportionately.

Note-1: Government papers tendered as security will be taken at 5% (five per cent) below its market price or at its face value, whichever is less. The market price of Government paper would be ascertained by the Divisional Officer at the time of collection of interest and the amount of interest to the extent of deficiency in value of the Government paper will be withheld if necessary.

Note-2: Government Securities will include all forms of Securities mentioned in Rule No. 274 of the G.F. Rules except fidelity bond. This will be subject to the observance of the condition mentioned under the rule against each form of security.

Note-3: Note 1 & 2 above shall be applicable for both clause 1 and 1A

Clause 2: Compensation for Delay

If the contractor fails to maintain the required progress in terms of clause 5 or to complete the work and clear the site on or before the contract or justified extended date of completion as per clause 5 (excluding any extension under Clause 5.5) as well as any extension granted under clauses 12 and 15, he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay as compensation the amount calculated at the rates stipulated below as the authority specified

in schedule 'F' may decide on the amount of accepted Tendered Value of the work for every completed day/ month (as determined) that the progress remains below that specified in Clause 5 or that the work remains incomplete.

Compensation for delay of work

i. With maximum rate 1% (one percent) maximum per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. if scheduled completion of work is more than one year**.**
ii. With maximum rate 1% (one percent) to 2% (two percent) (maximum) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. if scheduled completion of work is more than six months and upto one year.
iii. With maximum rate 2% (two percent) to 5% (five percent) (maximum) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. if scheduled completion of work is up to six months.

Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered Value of work. In case no compensation has been decided by the authority in Schedule 'F' during the progress of work, this shall be no waiver of right to levy compensation by the said authority if the work remains incomplete on final justified extended date of completion. If the Engineer in Charge decides to give further extension of time allowing performance of work beyond the justified extended date, the contractor shall be liable to pay compensation for such extended period. If any variation in amount of contract takes place during such extended period beyond justified extended date and the contractor becomes entitled to additional time under clause 12, the net period for such variation shall be accounted for while deciding the period for levy of compensation. However, during such further extended period beyond the justified extended period, if any delay occurs by events under sub clause 5.2, the contractor shall be liable to pay compensation for such delay.

This is without prejudice to right of action by the Engineer in Charge under clause 3 for delay in performance and claim of compensation under that clause.

In case action under clause 2 has not been finalized and the work has been determined under clause 3, the right of action under this clause shall remain post determination of contract but levy of compensation shall be for days the progress is behind the schedule on date of determination, as assessed by the authority in Schedule F, after due consideration of justified extension. The compensation for delay, if not decided before the determination of contract, shall be decided after of determination of contract.

The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Government. In case, the contractor does not achieve a particular milestone mentioned in schedule F, or the re-scheduled milestone(s) in terms of Clause 5.4, the amount shown against that milestone shall be withheld, to be adjusted against the compensation levied as above. With-holding of this amount on failure to achieve a milestone, shall be automatic without any notice to the contractor. However, if the contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be withheld. However, no interest, whatsoever, shall be payable on such withheld amount.

Clause 2A: Compensation for Delay

For Maintenance Works estimated cost upto Rs. 25 Lacs If the contractor fails to maintain the required progress to complete the work and clear the site on or before the contract

period he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay as compensation the amount calculated at the rates stipulated below as the authority specified in schedule 'F' may decide on the amount of accepted Tendered Value of the work for every completed day/ month (as determined) that the work remains incomplete in the following manners.

i. If there is no hindrance, compensation shall be levied if work is incomplete.
ii. If site is not available there will be no compensation.
iii. If there is partial hindrance, then engineer- in - charge will compare amount of work executed in available hindrance free time w.r.t. total time and total work. Compensation will be levied if actual work executed is less than as calculated on pro rata basis.

Compensation for delay of work

i. With maximum rate 1% (one percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. if scheduled completion of work is more than one year.
ii. With rate 1% (one percent) to 2% (two percent) (maximum) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. if scheduled completion of work is more than six months and up to one year.
iii. With rate 2% (two percent) to 5% (five percent) (maximum) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. if scheduled completion of work is up to six month.

Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered Value of work in case no compensation has been decided by the authority in Schedule 'F' during the progress of work, this shall be no waiver of right to levy compensation by the said authority if the work remains incomplete on stipulated date of completion. This is without prejudice to right of action by the Engineer in Charge under clause 3 for delay in performance and claim of compensation under that clause.

In case action under clause 2 has not been finalized and the work has been determined under clause 3, the right of action under this clause shall remain post determination of contract but levy of compensation shall be for days the progress is behind the schedule on date of determination, as assessed by the authority in Schedule F. The compensation for delay, if not decided before the determination of contract, shall be decided after determination of contract.

The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Government.

Clause 3: When Contract can be Determined

Subject to other provisions contained in this clause, the Engineer-in-Charge may, without prejudice to his any other rights or remedy against the contractor in respect of any delay, not following safety norms, inferior workmanship, any claims for damages and/or any other provisions of this contract or otherwise, and whether the date of completion has or has not elapsed, by notice in writing absolutely determine the contract in any of the following cases:

i. If the contractor having been given by the Engineer-in-Charge a notice in writing to rectify, reconstruct or replace any defective work or that the work is being performed in an inefficient or otherwise improper or un-workman like manner shall omit to comply

with the requirement of such notice for a period of seven days thereafter.

ii. If the contractor has, without reasonable cause, suspended the progress of the work or has failed to proceed with the work with due diligence and continues to do so after a notice in writing of seven days from the Engineer-in-Charge.

iii. If the contractor fails to complete the work or section of work with individual date of completion on or before the stipulated or justified extended date, on or before such date of completion; and the Engineer in Charge without any prejudice to any other right or remedy under any other provision in the contract has given further reasonable time in a notice given in writing in that behalf as either mutually agreed or in absence of such mutual agreement by his own assessment making such time essence of contract and in the opinion of Engineer-in-Charge the contractor will be unable to complete the same or does not complete the same within the period specified.

iv. If the contractor persistently neglects to carry out his obligations under the contract and/ or commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Engineer-in-Charge.

v. If the contractor shall offer or give or agree to give to any person in Government service or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract for Government.

vi. If the contractor shall enter into a contract with Government in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have been previously disclosed in writing to the Engineer-in-Charge.

vii. If the contractor had secured the contract with Government as a result of wrong tendering or other non-bonafide methods of competitive tendering or commits breach of Integrity Agreement.

viii. If the contractor being an individual, or if a firm, any partner thereof shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors.

ix. If the contractor being a company shall pass a resolution or the court shall make an order that the company shall be wound up or if a receiver or a manager on behalf of a creditor shall be appointed or if circumstances shall arise which entitle the court or the creditor to appoint a receiver or a manager or which entitle the court to make a winding up order.

x. If the contractor shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days.

xi. If the contractor assigns (excluding part(s) of work assigned to other agency(s) by the contractor as per terms of contract), transfers, sublets (engagement of labour on a piece-work basis or of labour with materials not to be incorporated in the work, shall not be deemed to be subletting) or otherwise parts with or attempts to assign, transfer, sublet or otherwise parts with the entire works or any portion thereof without the prior written approval of the Engineer -in-Charge.

xii. When the contractor has made himself liable for action under any of the aforesaid cases (i) to (xi), the Engineer-in-Charge on behalf of the President of India shall have powers:

(a) To determine the contract as aforesaid so far as performance of work by the Contractor is concerned (of which determination notice in writing to the If the revised tendered amount (worked out on the basis of quoted rate of individual items) contractor under the hand of the Engineer-in-Charge shall be conclusive

evidence). Upon such determination, the Earnest Money Deposit, Security Deposit already recovered, Security deposit payable and Performance Guarantee under the contract shall be liable to be forfeited and shall be absolutely at the disposal of the Government.

(b) After giving notice to the contractor to measure up the work of the contractor and to take such whole, or the balance or part thereof, as shall be un-executed out of his hands and to give it to another contractor to complete the work. The contractor, whose contract is determined as above, shall not be allowed to participate in the tendering process for the balance work.

In the event of above courses being adopted by the Engineer-in-Charge, the contractor shall have no claim to compensation for any loss sustained by him by reasons of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the work or the performance of the contract. And in case action is taken under any of the provision aforesaid, the contractor shall not be entitled to recover or be paid any sum for any work thereof or actually performed under this contract unless and until the Engineer-in-Charge has certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified.

Clause 3A:
In case, the work cannot be started due to reasons not within the control of the contractor within 1/8th of the stipulated time for completion of work or one months whichever is higher, either party may close the contract by giving notice to the other party stating the reasons. In such eventuality, the Performance Guarantee of the contractor shall be refunded within 30 days

Neither party shall claim any compensation for such eventuality. This clause is not applicable for any breach of the contract by either party.

Clause 4: Contractor liable to pay compensation even if action not taken under Clause 3
In any case in which any of the powers conferred upon the Engineer-in-Charge by Clause3 thereof, shall have become exercisable and the same are not exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall notwithstanding be exercisable in the event of any future case of default by the contractor and the liability of the contractor for compensation shall remain unaffected. In the event of the Engineer-in-Charge putting in force all or any of the powers vested in him under the preceding clause he may, if he so desires after giving a notice in writing to the contractor, take possession of (or at the sole discretion of the Engineer-in-Charge which shall be final and binding on the contractor) use as on hire (the amount of the hire money being also in the final determination of the Engineer-in-Charge) all or any tools, plant, materials and stores, in or upon the works, or the site thereof belonging to the contractor, or procured by the contractor and intended to be used for the execution of the work/or any part thereof, paying or allowing for the same in account at the contract rates, or, in the case of these not being applicable, at current market rates to be certified by the Engineer-in-Charge, whose certificate thereof shall be final, and binding on the contractor, clerk of the works, foreman or other authorized agent to remove such tools, plant, materials, or stores from the premises (within a time to be specified in such notice) in the event of the contractor failing to comply with any such requisition, the Engineer-in-Charge may remove them atthe contractor's expense or sell them by auction or private sale on account of the contractor and his risk in all respects and the certificate of the Engineer-in-Charge as to the expenses of any such removal and the amount of the proceeds and expenses of any such sale shall be final and conclusive against the contractor.

Clause 5: Time and Extension for Delay

The time allowed for execution of the Works as specified in the Schedule 'F' or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the work shall commence from such time period as mentioned in schedule 'F' or from the date of handing over of the site, notified by the Engineer-in-Charge, whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, the performance guarantee shall be forfeited by the Engineer in Charge and shall be absolutely at the disposal of the Government without prejudice to any other right or remedy available in law.

5.1 (i) As soon as possible but within 7 (seven) working days of award of work and in consideration of

(a) Schedule of handing over of site as specified in the Schedule ' F '

(b) Schedule of issue of designs as specified in the Schedule ' F ',

the Contractor shall submit a Time and Progress Chart for each mile stone. The Engineer-in-Charge may within 7 (seven) working days thereafter, if required modify, and communicate the program approved to the contractor failing which the program submitted by the contractor shall be deemed to be approved by the Engineer-in-Charge. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time imposed in the Contract documents.

(ii) In case of non-submission of construction programme by the contractor, the program approved by the Engineer-in-Charge shall be deemed to be final.

(iii) The approval by the Engineer-in-Charge of such programme shall not relieve the contractor of any of the obligations under the contract.

(iv) The contractor shall submit the Time and Progress Chart and progress report using the mutually agreed software or in other format decided by Engineer-in Charge for the work done during previous month to the Engineer-in-charge on or before 5th day of each month failing which a recovery as per Schedule F to be decided by the NIT approving authority shall be made on per week or part basis in case of delay in submission of the monthly progress report.

5.2 If the work(s) be delayed by:

i) force majeure, or

ii) abnormally bad weather, or

iii) serious loss or damage by fire, or

iv) civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or

v) delay on the part of other contractors or tradesmen engaged by Engineer-in Charge in executing work not forming part of the Contract, or

vi) any other cause like above which, in the reasoned opinion of the Engineer-in Charge is beyond the Contractor's control.

then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavours to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in Charge to proceed with the works.

The contractor shall have no claim of damages for extension of time granted or rescheduling of milestone/s for events listed in sub clause 5.2.

5.3 In case the work is hindered, by the Department or for any reason / event, for which the Department is responsible, the authority as indicated in Schedule 'F' shall, if justified, give a fair and reasonable extension of time and reschedule the mile stones for completion of work.

Such extension of time or rescheduling of milestone/s shall be without prejudice to any other right or remedy of the parties in contract or in law, provided further that for concurrent delays under this sub clause and sub clause 5.2 to the extent the delay is covered under sub clause 5.2 the contractor shall be entitled to only extension of time and no damages.

5.4 Request for rescheduling of Mile stones or extension of time, to be eligible for consideration, shall be made by the Contractor in writing within fourteen days of the happening of the event causing delay on the prescribed forms i.e. Form of application by the contractor for seeking rescheduling of milestones or Form of application by the contractor for seeking extension of time (Appendix -XVI) respectively to the authority as indicated in Schedule 'F'. The Contractor shall indicate in such a request the period by which rescheduling of milestone/s or extension of time is desired.

With every request for rescheduling of milestones, or if at any time the actual progress of work falls behind the approved programme by more than 10% of the stipulated period of completion of contract, the contractor shall produce a revised programme without causing any delay in execution of the work. A recovery as specified in Schedule 'F' shall be made on per day basis in case of delay in submission of the revised programme.

5.4.1 In any such case the authority as indicated in Schedule 'F' may give a fair and reasonable extension of time for completion of work or reschedule the mile stones. E-in-C shall finalize/ reschedule a particular mile stone before taking an action against subsequent mile stone. Such extension or rescheduling of the milestones shall be communicated to the Contractor by the authority as indicated in Schedule 'F' in writing, within 21 days of the date of receipt of such request from the Contractor in prescribed form. In event of non application by the contractor for extension of time E-in-C after affording opportunity to the contractor, may give, supported with a programme (as specified under 5.4 above), a fair and reasonable extension within a reasonable period of occurrence of the event.

5.5 In case the work is delayed by any reasons, in the opinion of the Engineer-in-Charge, by the contractor for reasons beyond the events mentioned in clause 5.2 or clause 5.3 or clause 5.4 and beyond the justified extended date, without prejudice to right to take action under Clause 3, the Engineer-in-Charge may grant extension of time required for completion of work without rescheduling of milestones. The contractor shall be liable for levy of compensation for delay for such extension of time.

Clause 5A: Time is the essence of the contract (For Maintenance works estimated cost upto Rs. 25 Lacs)

The time allowed for execution of the work as specified in the Schedule 'F' shall be the essence of the Contract i.e. the contract period will not be extended. The execution of the work shall commence from such time period as mentioned in schedule 'F'. If the contractor

commits default in commencing the execution of the work as aforesaid the performance guarantee shall be forfeited by the Engineer in Charge and shall be absolutely at the disposal of the Government without prejudice to any other right or remedy available in law.

Clause 6: Computerized Measurement Book (CMB)/ Electronic Measurement Book (EMB) through CPWD ERP portal

Engineer-in-Charge shall, except as otherwise provided, ascertain and determine by measurement the value of work done in accordance with the contract.

All measurements and levels of work done during the period covering latter half of the preceding calendar month and first half of the calendar month shall be recorded by the contractor and compiled in the shape of the Computerized Measurement Book (CMB) / Electronic Measurement Book (EMB) through CPWD ERP portal / Computerized Level Book (CLB) respectively having pages of A-4 size as per the format of the department so that a complete record is obtained of all the items of works executed under the contract during the said period. The proforma Computerised Measurement and level books (along with soft copy) shall be submitted in triplicate through letter of transmittal to the Engineer-in-charge giving details of number of CMBs / CLBs and their number of pages by 20th day of every calendar month.

In case of EMB, the contractor shall record measurement online on ERP Portal and shall raise RFI (Request for Inspection) online for approval by Engineer-in-Charge or his/her authorised representative. The contractor shall create EMB for the approved RFIs and take printout of EMB having pages of A-4 size duly bound with its pages machine numbered. This online printed EMB shall be submitted in triplicate through letter of transmittal to the Engineer in- Charge giving details of number of EMB and there number of pages by 20th day of every calendar month.

All such monthly measurements and levels recorded by the contractor or his authorized representative from time to time, during the progress of the work, shall be got checked by the contractor from the Engineer-in-Charge or his/her authorized representative as per interval or program fixed in consultation with Engineer-in-Charge or his/her authorized representative.

In case of CMB/CLB, if after verification by the Engineer-in-charge and/or his/her authorized representative, any change is required, then the same shall be done by the Engineer-in charge and/or his/her authorized representative in CMB/CLB under the dated initials signature, name and designation of the person seeking the change in all the three copies of proforma CMB/CLB. All changes are to be finally authorized by the Engineer-in-Charge. Thereafter one copy of the corrected and authorized proforma CMB / CLB shall be sent by the Engineer in-charge to the contractor and another copy shall be sent by the Engineer-in-Charge to his/ her authorized representative and the third copy shall be retained by the Engineer-in-charge in his office. The contractor shall then have to submit final CMB / CLB without any corrections to the Engineer-in-Charge who shall get it cross checked from the corrected and authorized proforma CMB / CLB.

In case of EMB, if after verification by the Engineer-in-Charge or his/her authorized representative, any change is required, then Engineer-in-Charge or his/her authorized representative seeking the change shall return the online rejected measurement(s) to the contractor for incorporating the changes. The contractor shall resubmit such measurements online after making necessary changes. All the changes are to be finally authorised by the Engineer- in- Charge or his / her authorised representative. The contractor shall create EMB for the approved RFI, submit printout of the final EMB, having pages of A- 4 size, without any correction and shall get it cross checked from the online record of measurements available on ERP Portal.

Once the Engineer-in-charge is satisfied that CMB / CLB /EMB is free from any corrections, modifications, over-writings, and insertions etc., he shall assign a number in continuation to the existing series of CMB / CLB /EMB of his office as per register of CMBs / CLBs / EMBs maintained in his Division office and intimate the assigned serial number of the CMB / CLB /EMB to the Contractor.

If the contractor fails to submit the CMB /CLB / EMB along with abstract of measurements for the work done continuously for two months, then the Engineer-in-charge shall get the executed work measured ex-parte after giving a notice of seven working days to the contractor in writing either through site order book or any other mode of correspondence. The ex-parte measurements so undertaken by the Engineer-in-Charge shall be final and binding on the Contractor and shall be outside the purview of Clause 25 of this GCC.

Resources deployed by the Engineer-in-charge for ex-parte measurements, subject to minimum of Rs 7500.00 per such two-monthly cycle of ex-parte measurement, shall be at the risk and cost of the contractor and shall be recovered from his bill. A copy of such ex-parte measurements shall be sent to the contractor for his record.

The contractor shall, without extra charge, provide all assistance with every appliance, labour and other things necessary for checking of measurements/levels by the Engineer in-Charge or his/her representative.

Except where any general or detailed description of the work expressly shows to the contrary, measurements shall be taken in accordance with the procedure set forth in the specifications notwithstanding any provision in the relevant Standard Method of measurement or any general or local custom. In the case of items which are not covered by specifications, measurements shall be taken in accordance with the relevant standard method of measurement issued by the Bureau of Indian Standards and if for any item no such standard is available then a mutually agreed method shall be followed.

The contractor shall give not less than seven days' notice to the Engineer-in-Charge or his/her authorized representative in charge of the work before covering up or otherwise placing beyond the reach of checking and/or test checking the measurement of any work in order that the same may be checked and/or test checked and correct dimensions thereof be taken before the same is covered up or placed beyond the reach of checking and/or test checking measurement and shall not cover up and place beyond reach of measurement any work without consent in writing of the Engineer-in-Charge or his/her authorized representative in charge of the work who shall within the aforesaid period of seven days inspect the work, and if any work shall be covered up or placed beyond the reach of checking and/or test checking measurements without such notice having been given or the Engineer-in-Charge's consent being obtained in writing the same shall be uncovered at the Contractor's expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed.

Engineer-in-Charge or his/her authorized representative may cause either themselves or through another officer of the department to check the measurements/levels recorded by contractor and all provisions stipulated herein above shall be applicable to such checking of measurements or levels.

It is also a term of this contract that checking and/or test checking the measurements/ levels of any item of work in the measurement book and/or its payment in the interim, on account of final bill shall not be considered as conclusive evidence as to the sufficiency of any work or material to which it relates nor shall it relieve the contractor from liabilities from any over measurement or defects noticed till completion of the defects liability period.

Clause 7: Payment on intermediate certificate to be regarded as Advances

No payment shall be made for work, estimated to cost Rs. Five lac or less till after the whole of the work shall have been completed and certificate of completion given. For works estimated to cost over Rs. Five lac, the interim or running account bills shall be submitted by the contractor for the work executed on the basis of such recorded measurements in the format of the Department in triplicate on or before the 7th day of every calendar month of the measurements recorded upto previous month as per clause 6. The contractor shall not be entitled to be paid any such interim payment if the gross work done together with net payment/ adjustment of advances for material collected, if any, since the last such payment is less than the amount specified in Schedule 'F', in which case the interim bill shall be prepared on the appointed date of the month after the requisite progress is achieved.

An amount of ad-hoc payment not less than 75% of the net amount of the bill under check, shall be made within 10 working days of submission of the bill by the Contractor to the Engineer-in-Charge or his Authorized Engineer together with the account of the material issued by the department, or dismantled materials, if any. The remaining payment is also to be made after final checking of the bill within 28 working days of submission of bill by the contractor.

Engineer-in-Charge shall arrange to have the bill verified by taking or causing to be taken, where necessary, the requisite measurements of the work.

If the contractor fails to submit the bill for the work done upto defined date continuously for two months, then the Engineer-in-charge shall get the bill prepared ex-parte after giving a notice of seven working days to the Contractor in writing either through site order book or any other mode of correspondence. The ex-parte bill so prepared by the Engineer-in-Charge shall be final and binding on the Contractor and shall be outside the purview of Clause 25 of this GCC. In the event of preparing the bill by the Engineer-in-Charge, no claims whatsoever due to delays on payment including that of interest shall be admissible to contractor.

Resources deployed by the Engineer-in-charge for ex-parte preparation of bill, subject to minimum of Rs 5000.00 per such two monthly cycle of ex-parte bill, shall be at the risk and cost of the contractor and shall be recovered from his bill. A copy of such ex-parte bill shall be sent to the contractor for his record.

In the event of the failure of the contractor to submit the bills, no claims whatsoever due to delays on payment including that of interest shall be payable to the contractor.

All such interim payments shall be regarded as payment by way of advances against final payment only and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be rejected, removed, taken away and reconstructed or re-erected. Any certificate given by the Engineer-in-Charge relating to the work done or materials delivered forming part of such payment, may be modified or corrected by any subsequent such certificate(s) or by the final certificate and shall not by itself be conclusive evidence that any work or materials to which it relates is/are in accordance with the contract and specifications. Any such interim payment, or any part thereof shall not in any respect conclude, determine or affect in any way powers of the Engineer-in-Charge under the contract or any of such payments be treated as final settlement and adjustment of accounts or in any way vary or affect the contract.

Pending consideration of extension of date of completion, interim payments shall continue to be made as herein provided without prejudice to the right of the department to take action under the terms of this contract for delay in the completion of work, if the extension of date of completion is not granted by the competent authority.

The Engineer-in-Charge in his sole discretion on the basis of a certificate from the Asstt. Engineer to the effect that the work has been completed up to the level in question make interim advance payments without detailed measurements for work done (other than foundations, items to be covered under finishing items) up to lintel level (including sunshade etc.) and slab level, for each floor working out at 75% of the assessed value. The advance payments so allowed shall be adjusted in the subsequent interim bills to be submitted by the contractor within 10 days of the interim payment. In case of delay in submission of bill by the contractor a simple interest @ 10% (ten percent) per annum The Engineer-in-Charge in his sole discretion ……. contractor a simple interest @ 10% (ten percent) per annum on the advance payment made to the contractor, shall be paid to the Government from the date of expiry of prescribed time limit.

Payments in composite Contracts

In case of composite tenders, running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor component shall be made by the Engineer-in-Charge of the discipline of minor component directly to the main contractor.

In case main contractor fails to make the payment to the contractor associated by him within 15 days of receipt of each running account payment, then on the written complaint of contractor associated for such minor component, Engineer in charge of minor component shall serve the show cause to the main contractor and if reply of main contractor either not received or found unsatisfactory, he may make the payment directly to the contractor associated for minor component as per the terms and conditions of the agreement drawn between main contractor and associate contractor fixed by him. Such payment made to the associate contractor shall be recovered by Engineer-in-charge of major or minor component from the next R/A/ final bill due to main contractor as the case may be.

Clause 7A

No Running Account Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-Charge.

Clause 7B: Payment to third party

If the exigencies of the work so demand, the engineer-in-charge may allow payment to a third party, who is creditor to the contractor, after fulfilling the following conditions.

(a) The contractor gives an authority letter addressed to the engineer-in-charge on a non judicial stamp paper of Rs.100 in the format given below.

I/We authorize the Executive Engineer, ... Division, CPWD to pay directly on my/our behalf to ..... (name of the third party) an amount of Rs.....(Rupees .....in words) for the work done or supplies made by ..... (name of the third party). I/We shall be responsible for the quality and quantity of the same under the provisions of agreement number.....

Signature of the contractor

(b) The total payment to third party (or parties) shall not exceed 10% of the agreement cost of the work.

Clause 8: Completion Certificate

Within ten days of the completion of the work, the contractor shall give notice of such completion to the Engineer-in-Charge and within thirty days of the receipt of such notice, the Engineer-in-Charge shall inspect the work and if there is no defect in the work, shall furnish the contractor with a final certificate of completion, otherwise a provisional certificate of physical completion indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates, shall be issued. But no final certificate of completion shall be issued, nor shall the work be considered to be complete until the contractor shall have removed from the premises on which the work shall be executed all scaffolding, surplus materials, rubbish and all huts and sanitary arrangements required for his/their work people on the site in connection with the execution of the works as shall have been erected or constructed by the contractor(s) and cleaned off the dirt from all wood work, doors, windows, walls, floor or other parts of the building, in, upon, or about which the work is to be executed or of which he may have had possession for the purpose of the execution; thereof, and not until the work shall have been measured by the Engineer-in-Charge. If the contractor shall fail to comply with the requirements of this Clause as to removal of scaffolding, surplus materials and rubbish and all huts and sanitary arrangements as aforesaid and cleaning off dirt on or before the date fixed for the completion of work, the Engineer-in Charge may at the expense of the contractor remove such scaffolding, surplus materials and rubbish etc., and dispose of the same as he thinks fit and clean off such dirt as aforesaid, and the contractor shall have no claim in respect of scaffolding or surplus materials as aforesaid except for any sum actually realized by the sale thereof

Clause 8A: Contractor to keep Site Clean

When the annual repairs and maintenance of works are carried out, the splashes and droppings from white washing, colour washing, painting etc., on walls, floor, windows, etc shall be removed and the surface cleaned simultaneously with the completion of these items of work in the individual rooms, quarters or premises etc. where the work is done: without waiting for the actual completion of all the other items of work in the contract. In case the contractor fails to comply with the requirements of this clause, the Engineer-in Charge shall have the right to get this work done at the cost of the contractor either departmentally or through any other agency. Before taking such action, the Engineer-in Charge shall give ten days notice in writing to the contractor.

Clause 9: Payment of Final Bill

The final bill shall be submitted by the contractor in the same manner as specified in interim bills within three months of physical completion of the work or within one month of the date of the final certificate of completion furnished by the Engineer-in-Charge whichever is earlier. No further claims shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payment of those items of the bill in respect of which there is no dispute, and for those items which are in dispute on account.

of quantity and/or rates shall be paid at approved quantity and/or rates by the Engineer-in Charge, within three months period reckoned from the date of receipt of the bill by the Engineer in- Charge or his authorized Assistant Engineer, complete with account of materials issued by the Department and dismantled materials.

If the final bill is submitted by the contractor within the period specified above and payment of final bills is made by the deptt. after prescribed time limit, a simple interest @ 5 % per annum shall be paid to the contractor from the date of expiry of prescribed time limit, provided the final bill submitted by the contractor is found to be in order.

Clause 9A: Payment of Contractor's Bills to Banks

Payments due to the contractor may, if so desired by him, be made to his bank, registered financial, co-operative or thrift societies or recognized financial institutions instead of direct to him provided that the contractor furnishes to the Engineer-in-Charge (1) an authorization in the form of a legally valid document such as a power of attorney conferring authority on the bank; registered financial, co-operative or thrift societies or recognized financial institutions to receive payments and (2) his own acceptance of the correctness of the amount made out as being due to him by Government or his signature on the bill or other claim preferred against Government before settlement by the Engineer-in-Charge of the account or claim by payment to the bank, registered financial, co-operative or thrift societies or recognized financial institutions. While the receipt given by such banks; registered financial, co-operative or thrift societies or recognized financial institutions shall constitute a full and sufficient discharge for the payment, the contractor shall whenever possible present his bills duly receipted and discharged through his bank, registered financial, cooperative or thrift societies or recognized financial institutions.

Nothing herein contained shall operate to create in favour of the bank; registered financial, co-operative or thrift societies or recognized financial institutions any rights or equities vis the President of India.

Clause 10A: Materials to be provided by the Contractor

The contractor shall, at his own expense, provide all materials, required for the works other than those which are stipulated to be supplied by the Government.

The contractor shall, at his own expense and without delay; supply to the Engineer-in Charge samples of materials to be used on the work and shall get these approved in advance. All such materials to be provided by the Contractor shall be in conformity with the specifications laid down or referred to in the contract. The contractor shall, if requested by the Engineer-in Charge furnish proof, to the satisfaction of the Engineer-in-Charge that the materials so comply. The Engineer-in-Charge shall within thirty days of supply of samples or within such further period as he may require intimate to the Contractor in writing whether samples are approved by him or not. If samples are not approved, the Contractor shall forthwith arrange to supply to the Engineer-in-Charge for his approval, fresh samples complying with the specifications laid down in the contract. When materials are required to be tested in accordance with specifications, approval of the Engineer-in Charge shall be issued after the test results are received.

The Contractor shall at his risk and cost submit the samples of materials to be tested or analyzed and shall not make use of or incorporate in the work any materials represented by the samples until the required tests or analysis have been made and materials finally accepted by the Engineer-in-Charge. The Contractor shall not be eligible for any claim or compensation either arising out of any delay in the work or due to any corrective measures required to be taken on account of and as a result of testing of materials.

The contractor shall, at his risk and cost, make all arrangements and shall provide all facilities as the Engineer-in-Charge may require for collecting, and preparing the required number of samples for such tests at such time and to such place or places as may be directed by the Engineer-in-Charge and bear all charges and cost of testing unless specifically provided for otherwise elsewhere in the contract or specifications. The Engineer -in- Charge or his authorized representative shall at all times have access to the works and to all workshops and places where work is being prepared or from where materials, manufactured articles or machinery are being obtained for the works and the contractor shall afford every facility and every assistance in obtaining the right to such access.

The Engineer-in-Charge shall have full powers to require the removal from the premises of all materials which in his opinion are not in accordance with the specifications and in case of default, the Engineer-in-Charge shall be at liberty to employ at the expense of the contractor, other persons to remove the same without being answerable or accountable for any loss or damage that may happen or arise to such materials. The Engineer-in-Charge shall also have full powers to require other proper materials to be substituted thereof and in case of default, the Engineer-in-Charge may cause the same to be supplied and all costs which may attend such removal and substitution shall be borne by the Contractor.

The contractor shall at his own expense, provide a material testing lab at the site for conducting routine field tests. The lab shall be equipped at least with the testing equipment as specified in schedule F.

Clause 10 B: Secured Advance on Materials

(i) The contractor, on signing an indenture in the form to be specified by the Engineer in Charge, shall be entitled to be paid during the progress of the execution of the work up to 75% of the assessed value of any materials or an amount not exceeding 75% of the material element cost in the tendered rate of the finished item of the work, whichever is lower, which are in the opinion of the Engineer-in- Charge nonperishable, non-fragile and non-combustible and are in accordance with the contract and which have been brought on the site in connection therewith and are adequately stored and/or protected against damage by weather or other causes but which have not at the time of advance been incorporated in the works. When materials on account of which an advance has been made under this sub-clause are incorporated in the work, the amount of such advance shall be recovered/ deducted from the next payment made under any of the clause or clauses of this contract.

Such secured advance shall also be payable on other items of perishable nature, fragile and combustible with the approval of the Engineer-in-Charge provided the contractor provides a comprehensive insurance cover for the full cost of such materials. The decision of the Engineer- in-Charge shall be final and binding on the contractor in this matter. No secured advance, shall however, be paid on high-risk materials such as ordinary glass, sand, petrol, diesel etc.

Clause 10 C: Payment on Account of Increase in Prices/ Wages due to Statutory Order(s)

If after submission of tender, if the price of any marital in corporate in the work and/ or wages of labour increases as a direct result of the coming into force of any fresh ,law or statutory rule or order (but not due to any variation of rate in GST applicable on such material(s) being considered under this clause) beyond the prices/wages prevailing at the time of the last stipulated date of receipt of tenders including extensions, if any, for the work during contract period including the justified period extended under the provisions of clause 5 of the contract without any action under clause 2, then the amount of the contract shall accordingly be varied.

If after submission of the tender, the price of any material incorporated in the works (excluding the materials covered under Clause 10CA and/or wages of labour as prevailing at the time of last stipulated date of receipt of tender including extensions, if any, is decreased as a direct result of the coming into force of any fresh law or statutory rules or order (but not due to any variation of rate in GST applicable on such material (s) being considered under this clause), Government shall in respect of materials incorporated in the works and/or labour engaged on the execution of the work after the date of coming into force of such law statutory rule or order be entitled to deduct from the dues of the contractor, such amount as shall be equivalent to the difference between the prices of the materials and/or wages as prevailed at the time of the last stipulated date for receipt of tenders including extensions if any for the work and the prices of materials and/or wages

of labour on the coming into force of such law, statutory rule or order. This will be applicable for the contract period including the justified period extended under the provisions of clause 5 of the contract without any action under clause 2.

Engineer-in-Charge shall call books of account and other relevant documents from the contractor to satisfy himself about reasonability of increase in prices of materials and wages.

The contractor shall, within a reasonable time of his becoming aware of any alteration in the price of any such materials and/or wages of labour, give notice thereof to the Engineer-in Charge stating that the same is given pursuant to this condition together with all information relating thereto which he may be in position to supply.

For this purpose, the labour component of 85% of the value of the work executed during period under consideration shall not exceed the percentage as specified in Schedule F, and the increase/decrease in labour shall be considered on the minimum daily wages in rupees of any unskilled Mazdoor, fixed under any law statutory role and order. The cost of work for which escalation is applicable (W) is same as cost of work done worked out as indicated in sub-para (ii) of clause 10 CC except the amount of full assessed value of secured Advance.

Clause 10CC: Payment due to Increase / Decrease in Prices/ Wages after Receipt of Tender for Works (DELETED)

Clause 10 D: Dismantled Material Govt. Property
The contractor shall treat all materials obtained during dismantling of a structure, excavation of the site for a work, etc. as Government's property and such materials shall be disposed off to the best advantage of Government according to the instructions in writing issued by the Engineer-in-Charge.

Clause 11: Work to be Executed in Accordance with Specifications, Drawings, Orders etc.

The contractor shall execute the whole and every part of the work in the most substantial and workmanlike manner both as regards materials and otherwise in every respect in strict accordance with the specifications. The contractor shall, at his own cost, prepare all conceptual and GFC drawings in accordance with the Client’s requirements, along with detailed shop drawings, fabrication drawings, and as-built drawings. The contractor shall also conform exactly, fully and faithfully to the design, drawings and instructions in writing in respect of the work signed by the Engineer-in-Charge and the contractor shall be furnished free of charge one copy of the contract documents together with specifications, designs, drawings and instructions as are not included in the standard specifications of Central Public Works Department specified in Schedule 'F' or in any Bureau of Indian Standard or any other, published standard or code or, Schedule of Rates or any other printed publication referred to elsewhere in the contract.

The contractor shall comply with the provisions of the contract and with the care and diligence execute and maintain the works and provide all labour and materials, tools and plants including for measurements and supervision of all works, structural plans and other things of temporary or permanent nature required for such execution and maintenance in so far as the necessity for providing these, is specified or is reasonably inferred from the contract. The Contractor shall take full responsibility for adequacy, suitability and safety of all the works and methods of construction.

Clause 12: Deviation/s Extent and Pricing
The Engineer-in-Charge shall have power
(i) to make alteration in, omissions from, additions to or substitutions for the original

specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the works in case of non-availability of a portion of the site or for other reasons and the contractor shall be bound to carry out the works in accordance with any instruction given to him in writing signed by the Engineer-in-Charge and such alterations, omissions, additions or substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided. The completion cost of any agreement for maintenance works including works of upgradation, aesthetic, special repair, addition/ alteration should not exceed two times the contract amount. Deviation upto 1.25 times of contract amount shall be approved by Engineer-in-Charge with recorded reasons. Deviation beyond 1.25 times upto 1.50 times of contract amount shall be approved by SE/CE (as applicable) with recorded reasons. In exceptional case, ADG/SDG (as applicable) shall have power to approve the deviation beyond 1.50 times upto 2.0 times of contract amount with recorded reasons and take suitable corrective action.

12.1 The time for completion of the work shall, in the event of any deviations resulting in additional cost over the tendered value, be extended if requested by the contractor, as follows:

(i) In the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value plus

(ii) 25% of the time calculated in (i) above or such further additional time as may be considered reasonable by the Engineer-in-Charge.

12.2 Deviation, Extra Items and Pricing

Extra items are those which are not available in the contract.

For percentage rate tenders, the extra item(s) which are available in the standard schedule of rates specified in Schedule F, shall be paid as per the said schedule rate plus cost index (considered in the estimated cost put to tender) plus/minus percentage above/ below quoted on estimated cost put to tender.

For item rate tenders, the extra item(s) which are available in the standard schedule of rates specified in Schedule F, shall be paid as per the said schedule rate plus cost index (considered in the estimated cost put to tender) plus/minus percentage above/ below worked out on the basis of overall contract amount and estimated cost of the work put to tender.

In the case of extra item(s) which are not available in the standard schedule of rates specified in Schedule F, the contractor may within fifteen days of the receipt of order or occurrence of the item(s), submit claim for market rate(s), supported with proper analysis of rate and manufacturer's specification for the work, invoices, vouchers, etc. (as applicable), failing which the rate(s) approved later by the Engineer-in-Charge shall be final and binding. Where the contractor submits claim for market rate(s) in the manner prescribed above, the Engineer-in-Charge shall, within 45 days of the receipt of the claims, after giving consideration to the analysis of rates and other documents submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.

The rate(s) of extra items so determined by the Engineer-in-Charge shall be final and binding on the contractor, and shall not be arbitrable.

12.3 Deviation, Deviated Quantities, Pricing

All the deviated quantities shall be paid at agreement rates.

12.4 The case of any operation incidental to or necessarily has to be in contemplation of tenderer while quoting filing tender, or necessary for proper execution of the item included in the Schedule of quantities or in the schedule of rates mentioned above, whether or not, specifically indicated in the description of the item and the relevant specifications, shall be deemed to be included in the rates quoted by the tenderer or the rate given in the said schedule of rates, as the case may be. Nothing extra shall be admissible for such operations.

Clause 13: Foreclosure of contract due to Abandonment or Reduction in Scope of Work

If at any time after acceptance of the tender or during the progress of work, the purpose or object for which the work is being done changes due to any supervening cause and as a result of which the work has to be abandoned or reduced in scope the Engineer-in-Charge shall give notice in writing to that effect to the contractor stating the decision as well as the cause for such decision and the contractor shall act accordingly in the matter. The contractor shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the works in full but which he did not derive in consequence of the foreclosure of the whole or part of the works.

The contractor shall be paid at contract rates, full amount for works executed at site and, in addition, a reasonable amount as certified by the Engineer-in-Charge for the items hereunder mentioned which could not be utilized on the work to the full extent in view of the foreclosure;

(i) Any expenditure incurred on preliminary site work, e.g. temporary access roads, temporary labour huts, staff quarters and site office; storage accommodation and water storage tanks.

(ii) Government shall have the option to take over contractor's materials or any part thereof either brought to site or of which the contractor is legally bound to accept delivery from suppliers (for incorporation in or incidental to the work) provided, however Government shall be bound to take over the materials or such portions thereof as the contractor does not desire to retain. For materials taken over or to be taken over by Government, cost of such materials as detailed by Engineer-in- Charge shall be paid. The cost shall, however, take into account purchase price, cost of transportation and deterioration or damage which may have been caused to materials whilst in the custody of the contractor.

(iii) Reasonable compensation for transfer of T & P from site to contractor's permanent stores or to his other works, whichever is less. If T & P are not transported to either of the said places, no cost of transportation shall be payable.

(i) Reasonable compensation for repatriation of contractor's site staff and imported labour to the extent necessary.

The contractor shall, if required by the Engineer- in-Charge, furnish to him, books of account, wage books, time sheets and other relevant documents and evidence as may be necessary to enable him to certify the reasonable amount payable under this condition.

The reasonable amount of items on (i), (iv) and (v) above shall not be in excess of 2% of the cost of the work remaining incomplete on the date of closure, i.e. total stipulated cost of the work as per accepted tender less the cost of work actually executed under the contract and less the cost of contractor's materials at site taken over by the Government as

per item (ii) above. Provided always that against any payments due to the contractor on this account or otherwise, the Engineer-in-Charge shall be entitled to recover or be credited with any outstanding balances due from the contractor for advance paid in respect of any tool, plants and materials and any other sums which at the date of termination were recoverable by the Government from the contractor under the terms of the contract.

In the event of action being taken under Clause 13 to reduce the scope of work, the contractor may furnish fresh Performance Guarantee on the same conditions, in the same manner and at the same rate for the balance tendered amount and initially valid up to the extended date of completion or stipulated date of completion if no extension has been granted plus minimum 60 days beyond that. Wherever such a fresh Performance Guarantee is furnished by the contractor the Engineer-in-Charge may return the previous Performance Guarantee.

Clause 14: Carrying out part work at risk & cost of contractor

If contractor:

(i) At any time makes default during currency of work or does not execute any part of the work with due diligence and continues to do so even after a notice in writing of 7 working days in this respect from the Engineer-in-Charge; or

(ii) Commits default in complying with any of the terms and conditions of the contract and does not remedy it or takes effective steps to remedy it within 7 working days even after a notice in writing is given in that behalf by the Engineer-in-Charge; or Fails to complete the work(s) or items of work with individual dates of completion, on or before the date(s) so determined, and does not complete them within the period specified in the notice given in writing in that behalf by the Engineer-in-Charge.

(iii) The Engineer- in-Charge without invoking action under clause 3 may, without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to Government, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to:

(a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or

(b) Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the contractor.

The Engineer-in-Charge shall determine the amount, if any, is recoverable from the contractor for completion of the part work/ part incomplete work of any item(s) taken out of his hands and execute at the risk and cost of the contractor, the liability of contractor on account of loss or damage suffered by Government because of action under this clause shall not exceed 10% of the tendered value of the work.

In determining the amount, credit shall be given to the contractor with the value of work done in all respect in the same manner and at the same rate as if it had been carried out by the original contractor under the terms of his contract, the value of contractor's materials taken over and incorporated in the work and use of plant and machinery belonging to the contractor.

The certificate of the Engineer-in-Charge as to the value of work done shall be final and conclusive against the contractor provided always that action under this clause shall only be taken after giving notice in writing to the contractor. Provided also that if the expenses incurred by the department are less than the amount payable to the contractor at his agreement rates, the difference shall not be payable to the contractor.

Any excess expenditure incurred or to be incurred by Government in completing the part work/ part incomplete work of any item(s) or the excess loss of damages suffered or may be suffered by Government as aforesaid after allowing such credit shall without prejudice to any other right or remedy available to Government in law or per as agreement be recovered from any money due to the contractor on any account, and if such money is insufficient, the contractor shall be called upon in writing and shall be liable to pay the same within 30 days.

If the contractor fails to pay the required sum within the aforesaid period of 30 days, the Engineer-in-Charge shall have the right to sell any or all of the contractors' unused materials, constructional plant, implements, temporary building at site etc. and adjust the proceeds of sale thereof towards the dues recoverable from the contractor under the contract and if thereafter there remains any balance outstanding, it shall be recovered in accordance with the provisions of the contract.

In the event of above course being adopted by the Engineer-in-Charge, the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any engagements or made any advance on any account or with a view to the execution of the work or the performance of the contract.

Clause 15: Suspension of Work

(i) The contractor shall, on receipt of the order in writing of the Engineer-in-Charge, (whose decision shall be final and binding on the contractor) suspend the progress of the works or any part thereof for such time and in such manner as the Engineer-in-Charge may consider necessary so as not to cause any damage or injury to the work already done or endanger the safety thereof for any of the following reasons:

(a) on account of any default on the part of the contractor or;

(b) for proper execution of the works or part thereof for reasons other than the default of the contractor; or

(C) for safety of the works or part thereof.

The contractor shall, during such suspension, properly protect and secure the works to the extent necessary and carry out the instructions given in that behalf by the Engineer in-Charge.

(ii) If the suspension is ordered for reasons (b) and (c) in sub-para (i) above:

(a) the contractor shall be entitled to an extension of time equal to the period of every such suspension PLUS 25%, for completion of the item or group of items of work for which a separate period of completion is specified in the contract and of which the suspended work forms a part, and;

(b) If the total period of all such suspensions in respect of an item or group of items or work for which a separate period of completion is specified in the contract exceeds thirty days, the contractor shall, in addition, be entitled to such compensation as the Engineer-in-Charge may consider reasonable in respect of salaries and/or wages paid by the contractor to his employees and labour at site, remaining idle during the period of suspension, adding thereto 2% to cover indirect expenses of the contractor provided the contractor submits his claim supported by details to the Engineer-in- Charge within fifteen days of the expiry of the period of 30 days.

(iii) If the works or part thereof is suspended on the orders of the Engineer-in-Charge for more than three months at a time, except when suspension is ordered for reason (a) in sub para (i) above, the contractor may after receipt of such order serve a written notice on the Engineer-in-Charge requiring permission within fifteen days from receipt by the Engineer in- Charge of the said notice, to proceed with the work or part thereof in regard to which progress has been suspended and if such permission is not granted within that time, the contractor, if he intends to treat the suspension, where it affects only a part of the works as an omission of such part by Government or where it affects whole of the works, as an abandonment of the works by Government, shall within ten days of expiry of such period of 15 days give notice in writing of his intention to the Engineer-in-Charge. In the event of the contractor treating the suspension as an abandonment of the contract by Government, he shall have no claim to payment of any compensation on account of any profit or advantage which he might have derived from the execution of the work in full but which he could not derive in consequence of the abandonment. He shall, however, be entitled to such compensation, as the Engineer in-Charge may consider reasonable, in respect of salaries and/or wages paid by him to his employees and labour at site, remaining idle in consequence adding to the total thereof 2% to cover indirect expenses of the contractor provided the contractor submits his claim supported by details to the Engineer-in-Charge within 30 days of the expiry of the period of 3 months.

Clause 16: Action in case Work not done as per Specifications

All works under or in course of execution or executed in pursuance of the contract, shall at all times be open and accessible to the inspection and supervision of the Engineer-in charge, his authorized subordinates in charge of the work and all the superior officers, officer of the Quality Assurance Unit of the Department or any organization engaged by the Department for Quality Assurance and of the Chief Technical Examiner's Office, and the contractor shall, at all times, during the usual working hours and at all other times at which reasonable notice of the visit of such officers has been given to the contractor, either himself be present to receive orders and instructions or have a responsible agent duly accredited in writing, present for that purpose. Orders given to the Contractor's agent shall be considered to have the same force as if they had been given to the contractor himself.

If it shall appear to the Engineer-in-charge or his authorized subordinates in charge of the work or to the Chief Engineer in charge of Quality Assurance or his subordinate officers or the officers of the organization engaged by the Department for Quality Assurance or to the Chief Technical Examiner or his subordinate officers, that any work has been executed with unsound, imperfect, or unskillful workmanship, or with materials or articles provided by him for the execution of the work which are unsound or of a quality inferior to that contracted or otherwise not in accordance with the contract, the contractor shall, on demand in writing which shall be made within twelve months (six months in the case of work costing Rs. 10 Lac and below except road work) of the completion of the work from the Engineer-in-Charge specifying the work, materials or articles complained of notwithstanding that the same may have been passed, certified and paid for forthwith rectify, or remove and reconstruct the work so specified in whole or in part, as the case may require or as the case may be, remove the materials or articles so specified and provide other proper and suitable materials or articles at his own charge and cost. In the event of the failing to do so within a period specified by the Engineer-in- Charge in his demand aforesaid, then the contractor shall be liable to pay compensation at the same rate as under clause 2 of the contract (for non-completion of the work in time) for this default.

In such case the Engineer-in-Charge may not accept the item of work at the rates applicable under the contract but may accept such items at reduced rates as the authority specified in schedule 'F' may consider reasonable during the preparation of on account bills or final bill if the item is so acceptable without detriment to the safety and utility of the item and the structure or he may reject the work outright without any payment and/or get it and other connected and incidental items rectified, or removed and re-executed at the risk

and cost of the contractor. Decision of the Engineer-in-Charge to be conveyed in writing in respect of the same will be final and binding on the contractor.

Clause 17: Contractor Liable for Damages, defects during defect liability Period

If the contractor or his working people or servants shall break, deface, injure or destroy any part of building in which they may be working, or any building, road, road kerb, fence, enclosure, water pipe, cables, drains, electric or telephone post or wires, trees, grass or grassland, or cultivated ground contiguous to the premises on which the work or any part is being executed, or if any damage shall happen to the work while in progress, from any cause whatever or if any defect, shrinkage or other faults appear in the work within twelve months (six months in the case of work costing Rs. Ten lacs and below except road work) after a certificate final or otherwise of its completion shall have been given by the Engineer in- Charge as aforesaid arising out of defect or improper materials or workmanship the contractor shall upon receipt of a notice in writing on that behalf make the same good at his own expense or in default the Engineer-in-Charge cause the same to be made good by other workmen and deduct the expense from any sums that may be due or at any time thereafter may become due to the contractor, or from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof. The security deposit of the contractor shall not be refunded before the expiry of twelve months (six months in the case of work costing Rs. Ten lacs and below except road work) after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later. Provided that in the case of road work, if in the opinion of the Engineer-in-Charge, half of the security deposit is sufficient, to meet all liabilities of the contractor under this contract, half of the security deposit will be refundable after six months and the remaining half after twelve months of the issue of the said certificate of completion or till the final bill has been prepared and passed whichever is later.

In case of Maintenance and Operation works of E&M services, the security deposit deducted from contractors shall be refunded within one month from the date of final payment or within one month from the date of completion of the maintenance contract whichever is earlier.

Clause 18: Contractor to Supply Tools & Plants etc.

The contractor shall provide at his own cost all materials, machinery, tools & plants as specified in schedule F. In addition to this, appliances, implements, other plants, ladders, cordage, tackle, scaffolding and temporary works required for the proper execution of the work, whether original, altered or substituted and whether included in the specifications or other documents forming part of the contract or referred to in these conditions or not, or which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer-in-Charge as to any matter as to which under these conditions he is entitled to be satisfied, or which he is entitled to require together with carriage therefore to and from the work. The contractor shall also supply without charge the requisite number of persons with the means and materials, necessary for the purpose of setting out works, and counting, weighing and assisting the measurement for examination at any time and from time to time of the work or materials. Failing his so doing, the same may be provided by the Engineer-in-Charge at the expense of the contractor and the expenses may be deducted, from any money due to the contractor, under this contract or otherwise and/or from his security deposit or the proceeds of sale thereof, or of a sufficient portion thereof.

Clause 18A: Recovery of Compensation paid to Workmen

In every case in which by virtue of the provisions sub- section (1) of section 12 of the Workmen's Compensation Act. 1923, Government is obliged to pay compensation to a workman employed by the contractor, in execution of the works , Government will recover from the contractor , the amount of the compensation so paid: and, , without prejudice to

the rights of the Government under sub- section(2) of section 12 , of the said Act, Government shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by Government to the contractor whether under this contract or otherwise. Government shall not be bound to contest any claim made against it under sub- section (1) of section 12, of the said Act, except on the written request of the contractor and upon his giving to Government full security for all costs for which Government might become liable in consequence of contesting such claim.

Clause 18B: Ensuring Payment and Amenities to Workers if Contractor fails

In every case in which by virtue of the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and of the Contract Labour (Regulation and Abolition) Central Rules, 1971, Government is obliged to pay any amounts of wages to a workman employed by the contractor in execution of the works, or to incur any expenditure in providing welfare and health amenities required to be provided under the above said Act and the rules under Clause 19H or under the C.P.W.D. Contractor's Labour Regulations, or under the Rules framed by Government from time to time for the protection of health and sanitary arrangements for workers employed by C.P.W.D. Contractors, Government will recover from the contractor, the amount of wages so paid or the amount of expenditure so incurred; and without prejudice to the rights of the Government under sub-section(2) of Section 20, and sub-section (4) of Section 21, of the Contract Labour (Regulation and Abolition) Act, 1970, Government shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by Government to the contractor whether under this contract or otherwise Government shall not be bound to contest any claim made against it under sub section (1) of Section 20, sub-section (4) of Section 21, of the said Act, except on the written request of the contractor and upon his giving to the Government full security for all costs for which Government might become liable in contesting such claim.

Clause 19: Labour Laws to be complied by the Contractor

The contractor shall comply with the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971.

The contractor shall also obtain a valid license under the said Act before the commencement of the work, and continue to have a valid license until its completion.

The contractor shall also comply with provisions of the Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979.

The contractor shall also abide by the provisions of the Child and Adolescent Labour (Prohibition and Regulation) Act, 1986.

The contractor shall also comply with the provisions of the building and other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996 and the building and other Construction Workers Welfare Cess Act, 1996.

Any failure to fulfill these requirements shall attract the penal provisions of this contract arising out of the resultant non-execution of the work.

Clause 19A:

No labour below the age of eighteen years shall be employed on the work.

Clause 19 B: Payment of Wages

(i) The contractor shall pay to labour employed by him either directly or through subcontractors, wages not less than fair wages as defined in the C.P.W.D. Contractor's Labour Regulations or as per the provisions of the Contract Labour (Regulation and Abolition) Act, 1970 and the contract Labour (Regulation and Abolition) Central Rules, 1971, wherever applicable.

(ii) The contractor shall, notwithstanding the provisions of any contract to the contrary, cause to be paid fair wage to labour indirectly engaged on the work, including any labour engaged by his sub-contractors in connection with the said work, as if the labour had been immediately employed by him.

(iii) In respect of all labour directly or indirectly employed in the works for performance of the contractor's part of this contract, the contractor shall comply with or cause to be complied with the Central Public Works Department contractor's Labour Regulations made by Government from time to time in regard to payment of wages, wage period, deductions from wages recovery of wages not paid and deductions unauthorizedly made, maintenance of wage books or wage slips publication of scale of wage and other terms of employment, inspection and submission of periodical returns and all other matters of the like nature or as per the provisions of the Contract Labour(Regulation and Abolition) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971, wherever applicable.

(iv) (a) The Engineer-in-Charge concerned shall have the right to deduct from the moneys due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of non-fulfillment of the conditions of the contract for the benefit of the workers, non-payment of wages or of deductions made from his or their wages which are not justified by their terms of the contract or non-observance of the Regulations.

(b) Under the provision of Minimum Wages (Central) Rules, 1950, the contractor is bound to allow to the labours directly or indirectly employed in the works one day rest for 6 days continuous work and pay wages at the same rate as for duty. In the event of default, the Engineer-in-Charge shall have the right to deduct the sum or sums not paid on account of wages for weekly holidays to any labours and pay the same to the persons entitled thereto from any money due to the contractor by the Engineer-in-Charge concerned. In the case of Union Territory of Delhi, however, as the all-inclusive minimum daily wages fixed under Notification of the Delhi Administration No.F.12(162)MWO/DAB/ 43884-91, dated 31-12-1979 as amended from time to time are inclusive of wages for the weekly day of rest, the question of extra payment for weekly holiday would not arise.

(v) The contractor shall comply with the provisions of the Payment of Wages Act, 1936, Minimum Wages Act, 1948, Employees Liability Act, 1938, Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947, Maternity Benefits Act, 1961, and the Contractor's Labour (Regulation and Abolition) Act 1970, or the modifications thereof or any other laws relating thereto and the rules made there under from time to time.

(vi) The contractor shall indemnify and keep indemnified Government against payments to be made under and for the observance of the laws aforesaid and the C.P.W.D. Contractor's Labour Regulations without prejudice to his right to claim indemnity from his sub-contractors.

(vii) The laws aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be a breach of this contract.

(viii)Whatever is the minimum wage for the time being, or if the wage payable is higher than such wage, such wage shall be paid by the contractor to the workmen directly without the intervention of Jamadar and that Jamadar shall not be entitled to deduct or recover any

amount from the minimum wage payable to the workmen as and by way of commission or otherwise.

(ix) The contractor shall ensure that no amount by way of commission or otherwise is deducted or recovered by the Jamadar from the wage of workmen.

Clause 19C:

In respect of all labour directly or indirectly employed in the work for the performance of the contractor's part of this contract, the contractor shall at his own expense arrange for the safety provisions as per C.P.W.D. Safety Code framed from time to time and shall at his own expense provide for all facilities in connection therewith. In case the contractor fails to make arrangement and provide necessary facilities as aforesaid, he shall be liable to pay a penalty as decided by the authority mentioned in Schedule F for each default and in addition, the Engineer-in- Charge shall be at liberty to make arrangement and provide facilities as aforesaid and recover the costs incurred in that behalf from the contractor.

Clause 19 D

The contractor shall submit by the 4th and 19th of every month, to the Engineer-in-Charge, a true statement showing in respect of the second half of the preceding month and the first half of the current month respectively: -

(1) the number of labourers employed by him on the work,

(2) their working hours,

(3) the wages paid to them,

(4) the accidents that occurred during the said for night showing the circumstances under which they happened and the extent of damage and injury caused by them, and

(5) the number of female workers who have been allowed maternity benefit according to Clause 19F and the amount paid to them.

Failing which the contractor shall be liable to pay to Government, a sum as decided by the authority mentioned in Schedule F for each default or materially incorrect statement. The decision of the Divisional Officer shall be final in deducting from any bill due to the contractor, the amount levied as fine and be binding on the contractor.

Clause 19 E

In respect of all labour directly or indirectly employed in the works for the performance of the contractor's part of this contract, the contractor shall comply with or cause to be complied with all the rules framed by Government from time to time for the protection of health and sanitary arrangements for workers employed by the Central Public Works Department and its contractors.

Clause 19F

Leave and pay during leave shall be regulated as follows:-

1. Leave:

(i) in the case of delivery - maternity leave not exceeding 8 weeks, 4 weeks up to and including the day of delivery and 4 weeks following that day,

(ii) in the case of miscarriage - upto 3 weeks from the date of miscarriage

2. Pay:

(i) in the case of delivery - leave pay during maternity leave will be at the rate of the women's average daily earnings, calculated on total wages earned on the days when full time work was done during a period of three months immediately preceding the date on which she gives notice that she expects to be confined or at the rate of Rupee one only a day whichever is greater.

(ii) in the case of miscarriage - leave pay at the rate of average daily earning calculated on the total wages earned on the days when full time work was done during a period of three months immediately preceding the date of such miscarriage.

3. Conditions for the grant of Maternity Leave: No maternity leave benefit shall be admissible to a woman unless she has been employed for a total period of not less than six months immediately preceding the date on which she proceeds on leave.

4. The contractor shall maintain a register of Maternity (Benefit) in the Prescribed Form as shown in appendix -I and II, and the same shall be kept at the place of work.

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 Rs.200/- 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.

Should it appear to the Engineer-in-Charge that the contractor(s) is/are not properly observing and complying with the provisions of the C.P.W.D. Contractor's Labour Regulations and Model Rules and the provisions of the Contract Labour (Regulation and Abolition) Act 1970, and the Contract Labour (R& A) Central Rules 1971, for the protection of health and sanitary arrangements for work-people employed by the contractor(s) (hereinafter referred as "the said Rules") the Engineer-in-Charge shall have power to give notice in writing to the contractor(s) requiring that the said Rules be complied with and the amenities prescribed therein be provided to the work-people within a reasonable time to be specified in the notice. If the contractor(s) shall fail within the period specified in the notice to comply with and/ observe the said Rules and to provide the amenities to the work-people as aforesaid, the Engineer-in-Charge shall have the power to provide the amenities hereinbefore mentioned at the cost of the contractor(s). The contractor(s) shall erect, make and maintain at his/ their own expense and as per approved standards all necessary huts and sanitary arrangements required for his/their work-people on the site in connection with the execution of the works, and if the same shall not have been erected or constructed, according to approved standards, the Engineer-in-Charge shall have power to give notice in writing to the contractor(s) requiring that the said huts and sanitary arrangements be remodelled and/or reconstructed according to approved standards, and if the contractor(s) shall fail to remodel or reconstruct such huts and sanitary arrangements according to approved standards within the period specified in the

notice, the Engineer-in-Charge shall have the power to remodel or reconstruct such huts and sanitary arrangements according to approved standards at the cost of the contractor(s).

Clause 19H

The contractor(s) shall at his/their own cost arrange appropriate accommodation for his/ their labour employed which should have proper doors windows, ventilation, water supply, drainage, & sanitary installation etc.

Clause 19 I:

The Engineer-in-Charge may require the contractor to dismiss or remove from the site of the work any person or persons in the contractors' employ upon the work who may be incompetent or misconduct himself and the contractor shall forthwith comply with such requirements. In respect of maintenance/repair or renovation works etc. where the labour have an easy access to the individual houses, the contractor shall issue identity cards to the labourers, whether temporary or permanent and he shall be responsible for any untoward action on the part of such labour.

Clause 19 J

It shall be the responsibility of the contractor to see that the building under construction is not occupied by anybody unauthorized during construction, and is handed over to the Engineer in-Charge with vacant possession of complete building. If such building though completed is occupied illegally, then the Engineer-in-Charge shall have the option to refuse to accept the said building/buildings in that position. Any delay in acceptance on this account will be treated as the delay in completion and for such delay, a levy upto 5% of tendered value of work may be imposed by the Superintending Engineer/ Chief Engineer whose decision shall be final both with regard to the justification and quantum and be binding on the contractor.

However, the Superintending Engineer/ Chief Engineer, through a notice, may require the contractor to remove the illegal occupation any time on or before construction and delivery.

Clause 19 K: Employment of skilled/semi-skilled workers

The contractor shall, at all stages of work, deploy skilled/semi-skilled tradesmen who are qualified and possess certificate in particular trade from CPWD Training Institute/Industrial Training Institute/ National Institute of construction Management and Research (NICMAR)/ National Academy of Construction, CIDC or any similar reputed and recognized Institute managed/ certified by State/Central Government. The number of such qualified tradesmen shall not be less than 20% of total skilled/semi-skilled workers required in each trade at any stage of work. The contractor shall submit number of man days required in respect of each trade, its scheduling and the list of qualified tradesmen along with requisite certificate from recognized Institute to Engineer in charge for approval. Notwithstanding such approval, if the tradesmen are found to have inadequate skill to execute the work of respective trade, the contractor shall substitute such tradesmen within two days of written notice from Engineer in- Charge. Failure on the part of contractor to obtain approval of Engineer-in Charge or failure to deploy qualified tradesmen will attract a compensation to be paid by contractor at the rate specified in schedule 'F' per such tradesman per day. Decision of Engineer in Charge as to whether particular tradesman possesses requisite skill and amount of compensation in case of default shall be final and binding.

Provided always, that the provisions of this clause, shall not be applicable for works with estimated cost put to tender being less than Rs. 5 crores.

For work costing more than Rs. 10 Crores, and upto Rs. 50 Crores, the contractor shall arrange on site training as per National Skill Development Corporation (NSDC) norms for at least 20% of the unskilled workers engaged in the project in co-ordination with the CPWD Regional Training Institute & National Skill Development Corporation (NSDC) for certification at the level of skilled/semi-skilled tradesmen.

For work costing more than Rs. 50 Crores, the contractor shall arrange on site training as per National Skill Development Corporation (NSDC) norms for at least 30% of the unskilled worker engaged in the project in coordination with the CPWD Regional Training Institute & National Skill Development Corporation (NSDC) for certification at the level of skilled/semi-skilled tradesmen. The cost of such training as stated above shall be born by the Government. The necessary space and workers shall be provided by the contractor and no claim what so ever shall be entertained.

Clause 19 L: Contribution of EPF and ESI

The ESI and EPF contributions on the part of employer in respect of this contract shall be paid by the contractor. These contributions on the part of the employer paid by the contractor shall be reimbursed by the Engineer-in-charge to the contractor on actual basis. The verification of deployment labour will be done through biometric attendance system or any other suitable method by the Engineer in Charge. The applicable and eligible amount of EPF & ESI shall be reimbursed preferably within 7 days but not later than 30 days of submission of documentary proof of payment provided same are in order

Clause 20: Minimum Wages Act to be Complied With

The contractor shall comply with all the provisions of the Minimum Wages Act, 1948, and Contract Labour (Regulation and Abolition) Act, 1970, amended from time to time and rules framed there under and other labour laws affecting contract labour that may be brought into force from time to time.

Clause 21: Work not to be sublet. Action in case of in solvency

The contract shall not be assigned or sublet without the written approval of the Engineer-in Charge. And if the contractor shall assign or sublet his contract, or attempt to do so, or become insolvent or commence any insolvency proceedings or make any composition with his creditors or attempt to do so, or if any bribe, gratuity, gift, loan, perquisite, reward or advantage pecuniary or otherwise, shall either directly or indirectly, be given, promised or offered by the contractor, or any of his servants or agent to any public officer or person in the employ of Government in any way relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Engineer-in-Charge on behalf of the President of India shall have power to adopt the course specified in Clause 3 hereof in the interest of Government and in the event of such course being adopted, the consequences specified in the said Clause 3 shall ensue.

Clause 22

All sums payable by way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the use of Government without reference to the actual loss or damage sustained and whether or not any damage shall have been sustained.

Clause 23: Changes in firm's Constitution to be Intimated

Where the contractor is a partnership firm, the previous approval in writing of the Engineer in Charge shall be obtained before any change is made in the constitution of the firm. Where the contractor is an individual or a Hindu undivided family business concern, such approval as aforesaid shall likewise be obtained before the contractor enters into any partnership agreement where under the partnership firm would have the right to carry out the works hereby undertaken by the contractor. If previous approval as aforesaid is not obtained, the contract shall be deemed to have been assigned in contravention of Clause 21 hereof and the same action may be taken, and the same consequences shall ensue as provided in the said Clause 21.

Clause 24: Life Cycle cost

The contractor shall be responsible for safety, quality and soundness of the buildings including structural elements beyond maintenance period. The contractor shall have obligation to rectify such defects minimum up to 5 (five) years from the date of completion of work. The defects have to be rectified within a reasonable time not exceeding forty-five days after issue of notice by Engineer- in- Charge. If contractor does not take corrective action within 45 days, then action for debarring of the agency shall be taken by the appropriate authority.

Clause 25: Settlement of Disputes by Conciliation and Arbitration

Except where otherwise provided in the contract, all questions and disputes relating to the meaning of the specifications, designs, drawings and instructions hereinbefore mentioned and as to the quality of workmanship or materials used in the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions, orders or otherwise concerning the works or the execution or failure to execute the same whether arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter.

25.1 Conciliation: If the contractor considers any work demanded of him to be outside the requirements of the contract, or disputes any drawing, record or decision given in writing by the Engineer-in-Charge; or if the Engineer-in-Charge considers any act or decision of the contractor on any matter in connection with or arising out of the contract or carrying out of the work to be unacceptable and disputed; such party may promptly refer such disputes and amount claimed for each dispute to the Conciliator (Special Director General or the Additional Director General concerned with the work, as applicable) in the proforma prescribed in Appendix XVII mentioned in Schedule F, under intimation to the other party. The Conciliator may then request each party to submit to him a brief written statement describing the disputes and the points at issue. Each party shall send a copy of such statement to the other party. At any stage of the conciliation proceedings, the Conciliator may request a party to submit to him such additional information as he deems appropriate. When it appears to the Conciliator that there exist elements of a settlement which may be acceptable to the parties, he shall formulate the terms of a possible settlement and submit them to the parties for their observations. After receiving the observations of the parties, he may re-formulate the terms of a possible settlement in the light of such observations. If the parties reach agreement on a settlement of the disputes, they may draw up and sign a written settlement agreement on non-judicial stamp paper as per Stamp Act. The Conciliator shall authenticate the settlement agreement and furnish a copy thereof to each party. The termination of conciliation proceedings shall be in accordance with Section 76 of The Arbitration and Conciliation Act, 1996. No party shall be represented before the said Conciliator by an advocate or legal counsel. The conciliation proceedings shall be completed within 45 days from the receipt of reference. This time may be enlarged by 15 days by the Conciliator. The conciliation proceedings shall be deemed to have been terminated at the end of 60 days from the receipt of reference.

25.2 Arbitration: If the aforesaid conciliation proceedings fail or the Conciliator fails to give proposal for settlement within the aforesaid period, either party may promptly give notice in the proforma prescribed in Appendix XVIII, under intimation to the other party, to the Chief Engineer or the Superintending Engineer concerned with the work (as applicable), hereinafter referred to as the Arbitrator Appointing Authority as indicated in Schedule F, for appointment of Arbitrator.

However, a party may seek appointment of Arbitrator without taking recourse to the process of conciliation mentioned in sub-clause 25.1 above.

In the event of either party giving a notice to the Arbitrator Appointing Authority for appointment of Arbitrator, the said Authority shall appoint Arbitrator as per the procedure given below and refer such disputes to arbitration.

(a) Number of Arbitrators: If the contract amount is less than Rs.100 crore, the disputes may be referred for adjudication by a sole Arbitrator. If the contract amount is Rs.100 crore or more, the disputes may be referred to an Arbitral Tribunal of three Arbitrators.

(b) Qualification of Arbitrators: It is a term of this contract that each member of the Arbitral Tribunal shall be Graduate Engineer with experience in execution of public works engineering contracts, and he should have worked earlier at a level not lower than the Chief Engineer (equivalent to level of Joint Secretary to the Government of India).

The aforesaid educational qualification and work experience shall be mandatory for appointment as Arbitrator.

The age of Arbitrator at the time of appointment shall not exceed 75 years. An Arbitrator may be appointed notwithstanding the total number of active arbitration cases with him.

(c) Parties to select Arbitrator: Based on the criteria specified above, a list of empanelled Arbitrators has been prepared in CPWD, and the parties shall have option to select an Arbitrator from the list sent to them.

25.3 Appointment of Sole Arbitrator: The parties may opt for appointment of the Arbitrator of the Ministry of Housing and Urban Affairs. In such cases, the party seeking arbitration has to submit an express agreement in writing as per Appendix XIX towards waiver of Section 12(5) of the Arbitration and Conciliation Act, 1996 along with the notice for appointment of Arbitrator in the proforma prescribed in Appendix XVIII, under intimation to the other party. The Arbitrator Appointing Authority shall, within 30 days of receipt of the said notice, appoint Arbitrator of the Ministry of Housing and Urban Affairs as Arbitrator in the matter, provided the other party also submits waiver of Section 12(5), ibid in Appendix XIX within 7 days of the receipt of the said notice.

Where any one of the parties does not opt for the Arbitrator of the Ministry of Housing and Urban Affairs, or does not submit the waiver agreement, the Arbitrator Appointing Authority shall propose five Arbitrators from the list of CPWD Empanelled Arbitrators to the party seeking arbitration under intimation to the other party within 15 days of receiving the notice. The party seeking arbitration shall give his choice for one of them within 15 days of receiving the list, and the Arbitrator Appointing Authority shall appoint the chosen person as the Sole Arbitrator within 15 days of the receipt of choice.

It is a term of this arbitration agreement that if the parties fail to select, within the period prescribed above, an Arbitrator of their choice from the list of CPWD Empanelled Arbitrators forwarded to them, the Arbitrator Appointing Authority shall himself select and appoint Arbitrator from the said list.

25.4 Appointment of Arbitral Tribunal of three Arbitrators: The Arbitrator Appointing Authority shall prepare two separate lists of five Arbitrators each from the list of CPWD Empanelled Arbitrators, and send one to the party seeking arbitration and other to the responding party, within 15 days of the receipt of notice. The parties will then choose any one Arbitrator from the list provided to them within 15 days of receipt of the list. The Arbitrator Appointing Authority shall then appoint those chosen by the respective parties as Arbitrators and also a third Arbitrator from the list of CPWD Empanelled Arbitrators to act as presiding Arbitrator, within 15 days of receipt of choice from both the parties.

It is a term of this arbitration agreement that if the parties fail to select, within the period prescribed above, an Arbitrator of their choice from the list of CPWD Empanelled Arbitrators forwarded to them, the Arbitrator Appointing Authority shall himself select and appoint Arbitrator from the said list.

25.5 Applicable Law: The provisions of the Arbitration and Conciliation Act, 1996 (Act 26 of 1996) and any further statutory modification or re-enactment thereof shall be applicable. Further, the fast-track procedure for arbitration contained in Section 29B of the said Act shall apply

25.6 Fee payable to Arbitrator(s): The fee payable to the arbitral tribunal shall be as per CPWD OM No.2/2006/SE(TLC)/CSQ/137 dated 19.11.2019 (or latest amendment), and shall be shared equally by both the parties.

25.7 Place of Arbitration: The place of arbitration shall preferably be as mentioned in Schedule F. However, the Arbitral Tribunal may decide the place in consultation with both the parties.

25.8 Terms of reference:

The Arbitral Tribunal shall adjudicate on only such disputes as are referred to it by the Arbitrator Appointing Authority and give separate award against each dispute referred to him and shall give reasons for the award in all cases where the total amount of the claim by any party exceeds Rs.1,00,000.

25.9 Interest on Arbitration award: It is also a term of this arbitration agreement that where the Arbitral award against any dispute is for the payment of money, no pre-suit and pendent elite interest shall be payable on any part of the Arbitral award.

Clause 26: Contractor to indemnify Govt. against Patent Rights

The contractor shall fully indemnify and keep indemnified the President of India against any action, claim or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties which may be payable in respect of any article or part thereof included in the contract. In the event of any claims made under or action brought against Government in respect of any such matters as aforesaid, the contractor shall be immediately notified thereof and the contractor shall be at liberty, at his own expense, to settle any dispute or to conduct any litigation that may arise there from, provided that the contractor shall not be liable to indemnify the President of India if the infringement of the patent or design or any alleged patent or design right is the direct result of an order passed by the Engineer-in-Charge in this behalf.

Clause 27: Lumpsum Provisions in Tender

When the estimate on which a tender is made includes lump sum in respect of parts of the work, the contractor shall be entitled to payment in respect of the items of work involved or the part of the work in question at the same rates as are payable under this contract for such items, or if the part of the work in question is not, in the opinion of the Engineer-

inCharge payable of measurement, the Engineer-in-Charge may at his discretion pay the lump-sum amount entered in the estimate, and the certificate in writing of the Engineer-inCharge shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of the clause.

Clause 28: Action where no Specifications are Specified

In the case of any class of work for which there is no such specifications as referred to in Clause 11, such work shall be carried out in accordance with the Bureau of Indian Standards Specifications. In case there are no such specifications in Bureau of Indian Standards, the work shall be carried out as per manufacturers' specifications, if not available then as per state District Specifications. In case there are no such specifications as required above, the work shall be carried out in all respects in accordance with the instructions and requirements of the Engineer-in-Charge.

Clause 29: Withholding and lien in respect of sum due from contractor

(i) Whenever any claim or claims for payment of a sum of money arises out of or under the contract or against the contractor, the Engineer-in-Charge or the Government shall be entitled to withhold and also have a lien to retain such sum or sums in whole or in part from the security, if any deposited by the contractor and for the purpose aforesaid, the Engineer-in-Charge or the Government shall be entitled to withhold the security deposit, if any, furnished as the case may be and also have a lien over the same pending finalization or adjudication of any such claim. In the event of the security being insufficient to cover the claimed amount or amounts or if no security has been taken from the contractor, the Engineer-in-Charge or the Government shall be entitled to withhold and have a lien to retain to the extent of such claimed amount or amounts referred to above, from any sum or sums found payable or which may at any time thereafter become payable to the contractor under the same contract or any other contract with the Engineer-in-Charge of the Government or any contracting person through the Engineer-in-Charge pending finalization of adjudication of any such claim.

It is an agreed term of the contract that the sum of money or moneys so withheld or retained under the lien referred to above by the Engineer-in-Charge or Government will be kept withheld or retained as such by the Engineer-in-Charge or Government till the claim arising out of or under the contract is determined by the arbitrator(if the contract is governed by the arbitration clause) by the competent court, as the case may be and that the contractor will have no claim for interest or damages whatsoever on any account in respect of such withholding or retention under the lien referred to above and duly notified as such to the contractor. For the purpose of this clause, where the contractor is a partnership firm or a limited company, the Engineer-in Charge or the Government shall be entitled to withhold and also have a lien to retain towards such claimed amount or amounts in whole or in part from any sum found payable to any partner/limited company as the case may be, whether in his individual capacity or otherwise.

(ii) Government shall have the right to cause an audit and technical examination of the works and the final bills of the contractor including all supporting vouchers, abstract, etc., to be made after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done by the contractor under the contract or any work claimed to have been done by him under the contract and found not to have been executed, the contractor shall be liable to refund the amount of over-payment and it shall be lawful for Government to recover the same from him in the manner prescribed in sub-clause (i) of this clause or in any other manner legally permissible; and if it is found that the contractor was paid less than what was due to him under the contract in respect of any work executed by him under it, the amount of such under payment shall be duly paid by Government to the contractor, without any interest thereon whatsoever.

(iii) Provided that the Government shall not be entitled to recover any sum overpaid, nor the contractor shall be entitled to payment of any sum paid short where such payment has been agreed upon between the Superintending Engineer or Executive Engineer on the one hand and the contractor on the other under any term of the contract permitting payment for work after assessment by the Superintending Engineer or the Executive Engineer.

Clause 29A: Lien in respect of claims in other Contracts

Any sum of money due and payable to the contractor (including the security deposit returnable to him) under the contract may be withheld or retained by way of lien by the Engineer-in Charge or the Government or any other contracting person or persons through Engineer-in Charge against any claim of the Engineer-in-Charge or Government or such other person or persons in respect of payment of a sum of money arising out of or under any other contract made by the contractor with the Engineer- in-Charge or the Government or with such other person or persons. It is an agreed term of the contract that the sum of money so withheld or retained under this clause by the Engineer-in-Charge or the Government will be kept withheld or retained as such by the Engineer-in-Charge or the Government or till his claim arising out of the same contract or any other contract is either mutually settled or determined by the arbitration clause or by the competent court, as the case may be and that the contractor shall have no claim for interest or damages whatsoever on this account or on any other ground in respect of any sum of money withheld or retained under this clause and duly notified as such to the contractor.

Clause 30: Water for Works

The contractor(s) shall make his/their own arrangements for water required for the work and nothing extra will be paid for the same. This will be subject to the following conditions.

(i) That the water used by the contractor(s) shall be fit for construction purposes to the satisfaction of the Engineer-in-Charge.

(ii) The Engineer-in-Charge shall make alternative arrangements for supply of water at the risk and cost of contractor(s) if the arrangements made by the contractor(s) for procurement of water are in the opinion of the Engineer-in- Charge, unsatisfactory.

Clause 31: Hire of Plant & Machinery

The contractor shall arrange at his own expense all tools, plant, machinery and equipment (hereinafter referred to as T&P) required for execution of the work.

Clause 32: Employment of Technical Staff and employees

Contractors Superintendence, Supervision, Technical Staff & Employees

(i) The contractor shall provide all necessary superintendence during execution of the work and all along thereafter as may be necessary for proper fulfilling of the obligations under the contract.

The contractor shall immediately after receiving letter of acceptance of the tender and before commencement of the work, intimate in writing to the Engineer-in-Charge, the name(s), qualifications, experience, age, address(s) and other particulars along with certificates, of the principal technical representative to be in charge of the work and other technical representative(s) who will be supervising the work. Minimum requirement of such technical representative(s) and their qualifications and experience shall not be lower than specified in Schedule 'F'. Even of the contractor (or partner(s) in case of firm/ company) is himself / herself an Engineers, it is necessary on the part of the contractor to

employ principal technical representative / technical representative (s) as per stipulation in Schedule 'F'.

The Engineer-in-Charge shall within 3 days of receipt of such communication intimate in writing his approval or otherwise of such a representative(s) to the contractor. Any such approval may at any time be withdrawn and in case of such withdrawal, the contractor shall appoint another such representative(s) according to the provisions of this clause. Decision of the tender accepting authority shall be final and binding on the contractor in this respect. Such a principal technical representative and other technical representative(s) shall be appointed by the contractor soon after receipt of the approval from Engineer-in-charge and shall be available at site before start of work.

All the provisions applicable to the principal technical representative under the Clause will also be applicable to other technical representative(s) The principal technical representative and other technical representative(s) shall be present at the site of work for supervision at all times when any construction activity is in progress and also present himself/themselves, as required, to the Engineer-in-Charge and/or his designated representative to take instructions. Instructions given to the principal technical representative or other technical representative(s) shall be deemed to have the same force as if these have been given to the contractor. The principal technical representative and other technical representative(s) shall be actually available at site fully during all stages of execution of work, during recording/checking/test checking of measurements of works and whenever so required by the Engineer-in-Charge and shall also note down instructions conveyed by the Engineer-in-Charge or his designated representative(s) in the site order book and shall affix his/their signature in token of noting down the instructions and in token of acceptance of measurements/checked measurements/ test checked measurements. The representative(s) shall not look after any other work. Substitutes, duly approved by Engineer-in-Charge of the work in similar manner as aforesaid shall be provided in event of absence of any of the representative(s) by more than two days.

If the Engineer-in-Charge, whose decision in this respect is final and binding on the contractor, is convinced that no such technical representative(s) is/are effectively appointed or is/are effectively attending or fulfilling the provision of this clause, a recovery (non refundable) shall be effected from the contractor as specified in Schedule 'F' and the decision of the Engineer-In-Charge as recorded in the site order book and measurement recorded checked/test checked in Measurement Books shall be final and binding on the contractor. Further if the contractor fails to appoint suitable technical Principal technical representative and/or other technical representative(s) and if such appointed persons are not effectively present or are absent by more than two days without duly approved substitute or do not discharge their responsibilities satisfactorily, the Engineer-in-Charge shall have full powers to suspend the execution of the work until such date as suitable other technical representative(s) is/are appointed and the contractor shall be held responsible for the delay so caused to the work. The contractor shall submit a certificate of employment of the technical representative(s) (in the form of copy of Form-16 or CPF deduction issued to the Engineers employed by him) along with every on account bill/ final bill and shall produce evidence if at any time so required by the Engineer-in-Charge.

(ii) The contractor shall provide and employ on the site only such technical assistants as are skilled and experienced in their respective fields and such foremen and supervisory staff as are competent to give proper supervision to the work.

The contractor shall provide and employ skilled, semiskilled and unskilled labour as is necessary for proper and timely execution of the work.

The Engineer-in-Charge shall be at liberty to object to and require the contractor to remove from the works any person who in his opinion misconducts himself, or is incompetent or

negligent in the performance of his duties or whose employment is otherwise considered by the Engineer-in-Charge to be undesirable. Such person shall not be employed again at works site without the written permission of the Engineer-in-Charge and the persons so removed shall be replaced as soon as possible by competent substitutes.

(iii) For works with estimated cost more than Rs. 10 Crores and stipulated time period more than 6 months :

The contractor shall ensure that at least one deployed technical representative shall be trained in courses related to CPWD specifications, labour laws, safety rules etc. of duration not less than 5 working days either through National CPWD Academy (NCA) or National Institute of Construction Management and Research (NICMAR) or CIDC or any other similar reputed and recognized Institute managed or certified by State/Central Government. The training cost and other cost related to training shall be borne by the contractor. The contractor shall ensure that at least one technical representative is trained within six months of start of work. The time period of six months can be relaxed by the Engineer-in-Charge depending upon the frequency of training course organized by NCA.

If the contractor fails to ensure that at least one technical representative is trained in the above mentioned course till completion of work or one year from start of work, whichever is earlier, then a non-refundable recovery of Rs. 50,000/- shall be made from the bill of the contractor. Decision of Engineer-in-Charge in this regard shall be final and binding on the contractor.

Clause 33: Levy/Taxes payable by Contractor

(i) GST, Building and other Construction Workers Welfare Cess or any other tax, levy or Cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect except as provided under Clause 38.

(ii) The contractor shall deposit royalty and obtain necessary permit for supply of the red bajri, stone, kankar, etc. from local authorities.

If pursuant to or under any law, notification or order any royalty, cess or the like becomes payable by the Government of India and does not any time become payable by the contractor to the State Government, Local authorities in respect of any material used by the contractor in the works, then in such a case, it shall be lawful to the Government of India and it will have the right and be entitled to recover the amount paid in the circumstances as aforesaid from dues of the contractor.

Clause 34: Conditions for reimbursement of levy/taxes if levied after receipt of Tenders

(i) All tendered rates shall be inclusive of any tax, levy or cess applicable on last stipulated date of receipt of tender including extension if any. No adjustment i.e. increase or decrease shall be made for any variation in the rate of GST, Building and Other Construction Workers Welfare Cess or any tax, levy or cess applicable on inputs.

However, effect of variation in rates of GST or Building and Other Construction Workers Welfare Cess or imposition or repeal of any other tax, levy or cess applicable on output of the works contract shall be adjusted on either side, increase or decrease. Provided further that for Building and Other Construction Workers Welfare Cess or any tax (other than GST), levy or cess varied or imposed after the last date of receipt of tender including extension if any, any increase shall be reimbursed to the contractor only if the contractor necessarily and properly pays such increased amount of taxes/ levies/cess.

Provided further that such increase including GST shall not be made in the extended period of contract for which the contractor alone is responsible for delay as determined by authority for extension of time under Clause 5 in Schedule F.

(ii) The contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorized representative of the Government and/or the Engineer-in-Charge and shall also furnish such other information/document as the Engineer-in-Charge may require from time to time.

(iii) The contractor shall, within a period of 30 days of the imposition of any such further tax or levy or cess, or variation or repeal of such tax or levy or cess give a written notice thereof to the Engineer-in-charge that the same is given pursuant to this condition, together with all necessary information relating thereto.

Clause 35: Termination of Contract on death of contractor

Without prejudice to any of the rights or remedies under this contract, if the contractor dies, the Engineer in Charge on behalf of the President of India shall have the option of terminating the contract without levy compensation to the contractor.

Clause 36: If relative working in CPWD then the contractor not allowed to tender

The contractor shall not be permitted to tender for works in the CPWD circle (Division in case of contractors of Horticulture/Nursery categories) responsible for award and execution of contracts in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of the Superintending Engineer and Junior Engineer (both inclusive). 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 Gazetted Officer in the C.P.W.D. or in the Ministry of Housing and Urban Affairs. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department. If however the contractor is registered in any other department, he shall be debarred from tendering in CPWD for any breach of this condition.

NOTE: By the term "near relatives" is meant wife, husband, parents and grandparents, children and grandchildren, brothers and sisters, uncles, aunts and cousins and their corresponding in-laws.

Clause 37: No Gazetted Engineer to work as Contractor within one year of retirement

No engineer of gazetted rank or other gazetted officer employed in engineering or administrative duties in an engineering department of the Government of India shall work as a contractor or employee of a contractor for a period of one year after his retirement from government service without the previous permission of Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of Government of India as aforesaid, before submission of the tender or engagement in the contractor's service, as the case may be.

Clause 38: Theoretical consumption of Material

(i) After completion of the work and also at any intermediate stage in the event of Non reconciliation of materials issued theoretical quantity of materials used in the work shall be calculated on the basis and method given hereunder:-

(a) Quantity of cement & bitumen shall be calculated on the basis of quantity of cement & bitumen required for different items of work as shown in the Schedule of Rates mentioned in Schedule 'F'. In case any item is executed for which standard constants for the consumption of cement or bitumen are not available in the above mentioned schedule/statement or cannot be derived from the same shall be calculated on the basis of standard formula to be laid down by the Engineer-in-Charge.

(b) Theoretical quantity of steel reinforcement or structural steel sections shall be taken as the quantity required as per design or as authorized by Engineer in Charge, including authorized lappages, chairs etc. plus 3% wastage due to cutting into pieces, such theoretical quantity being determined and compared with the actual, each diameter wise, section wise and category wise separately.

(c) Theoretical quantity of G.I. & C.I. or other pipes, conduits, wires and cables, pig lead and G.I./M.S. sheets shall be taken as quantity actually required and measured plus 5% for wastage due to cutting into pieces (except in the case of G.I./M.S. sheets it shall be 10%), such determination & comparison being made diameter wise & category wise.

(d) For any other material as per actual requirements. Over the theoretical quantities of materials so computed a variation shall be allowed as specified in Schedule 'F' For non scheduled items, the decision of the Superintending Engineer CE regarding theoretical quantities of materials which should have been actually used, shall be final and binding on the contractor

(ii) The said action under this clause is without prejudice to the right of the Government to take action against the contractor under any other conditions of contract for not doing the work according to the prescribed specifications.

Clause 39: Compensation during warlike situations

The work (whether fully constructed or not) and all materials, machines, tools and plants, scaffolding, temporary buildings and other things connected therewith shall be at the risk of the contractor until the work has been delivered to the Engineer-in-Charge and a certificate from him to that effect obtained. In the event of the work or any materials properly brought to the site for incorporation in the work being damaged or destroyed in consequence of hostilities or warlike operation, the contractor shall when ordered (in writing) by the Engineer-in-Charge to remove any debris from the site, collect and properly stack or remove in store all serviceable materials salvaged from the damaged work and shall be paid at the contract rates in accordance with the provision of this agreement for the work of clearing the site of debris, stacking or removal of serviceable material and for reconstruction of all works ordered by the Engineer in-Charge, such payments being in addition to compensation upto the value of the work originally executed before being damaged or destroyed and not paid for. In case of works damaged or destroyed but not already measured and paid for, the compensation shall be assessed by the Divisional Officer uptoRs.2,00,000/-- and by the next higher officer concerned for a higher amount. The contractor shall be paid for the damages/destruction suffered and for restoring the material at the rate based on analysis of rates tendered for in accordance with the provision of the contract. The certificate of the Engineer-in-Charge regarding the quality and quantity of materials and the purpose for which they were collected shall be final and binding on all parties to this contract.

Provided always that no compensation shall be payable for any loss in consequence of hostilities or warlike operations (a) unless the contractor had taken all such precautions against air raid as are deemed necessary by the A.R.P. (Air Raid Precaution) Officers or the Engineer-in-Charge (b) for any material etc. not on the site of the work or for any tools, plant, machinery, scaffolding, temporary building and other things not intended for the work. In the event of the contractor having to carry out reconstruction as aforesaid, he

shall be allowed such extension of time for its completion as is considered reasonable by the Divisional Officer.

Clause 40: Apprentices Act provisions to be complied with

The contractor shall comply with the provisions of the Apprentices Act, 1961 and the rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract and the Superintending Engineer may, in his discretion, cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.

Clause 41: Release of Security deposit

The Security Deposit of the work shall be refunded if no labour complaint has been received from the labour officer till the due date of its payment. If a labour complaint is received during this period, the Engineer-in-Charge shall, after issue of notice in this regard to the contractor, deduct the amount required to settle the complaint from his security deposit and refund the balance amount.

Note: - In case of any discrepancies between Hindi and English version, English version will prevail.

SECTION– VI

SPECIAL CONDITIONS OF CONTRACT

SPECIAL CONDITIONS OF CONTRACT

1. The entire work shall be carried out under the supervision and to the satisfaction of the Engineer-in-Charge / authorized representative of IIM Mumbai. The contractor shall comply with all instructions issued by the Institute during execution of the work.
2. The entire work, including Supply, Installation, Testing and Commissioning (SITC) of Kitchen Equipment and completion of all allied Civil, Drainage/Plumbing and Electrical Works, shall be completed within 90 days from the date of award of work / commencement of work, including the monsoon period, if applicable.
3. The contractor shall, at its own cost, prepare and submit all drawings required for proper execution of the work, including equipment layout drawings, coordinated MEP drawings, shop drawings, fabrication drawings, service connection details and as-built drawings. All drawings shall be prepared in accordance with the tender specifications, approved kitchen layout, site conditions and requirements of IIM Mumbai and shall be submitted for approval of the Engineer-in-Charge prior to fabrication / execution. Where specifically required by IIM Mumbai, drawings/designs shall be vetted by IIT Bombay / VJTI / any Government-recognized institution or competent agency at the contractor's own cost. All such costs shall be deemed to be included in the quoted tender amount and no additional payment shall be admissible.
4. The contractor shall not assign, transfer or sublet the whole of the contract to any other agency. However, for execution of specialized allied Civil, Drainage/Plumbing and Electrical Works, the successful bidder may engage competent and experienced specialized agencies / subcontractors, subject to prior written approval of IIM Mumbai. The main contractor shall remain fully responsible for the quality, coordination, safety, workmanship, timely completion and satisfactory performance of the entire work, including works executed through such approved agencies. Approval of any specialized agency by IIM Mumbai shall not relieve the main contractor of any contractual obligation or responsibility. Participation in the tender through an unapproved Joint Venture / Consortium shall not be permitted unless specifically provided for in the tender.
5. The work shall be carried out at the Annex Building Hostel, IIM Mumbai Campus, Vihar Lake Road, Powai, Mumbai. The exact locations of individual kitchen equipment, service connections and allied works shall be as per the approved layout and directions of the Engineer-in-Charge. The successful bidder shall verify all dimensions, levels, access conditions, existing services and site conditions prior to fabrication and execution.
6. The contractor shall execute the work in accordance with the tender specifications, approved drawings and relevant provisions of applicable BIS / IS Standards, CPWD General Specifications wherever applicable, National Building Code, applicable electrical safety regulations, applicable plumbing and drainage requirements, food hygiene and food-contact requirements applicable to commercial kitchen installations, and instructions issued by the Engineer-in-Charge / authorized representative of IIM Mumbai. In case of any discrepancy, the more stringent requirement, as decided by the Engineer-in-Charge, shall apply.
7. The contractor shall make its own arrangements for water and electricity required for execution of the work without any additional cost to IIM Mumbai. If water and/or electricity is permitted to be supplied by IIM Mumbai, the applicable charges shall be recovered from the contractor's running/final bills. Water charges shall be recovered at 1% of the cost of water-consuming items and electricity charges shall be recovered at the prevailing Institute rate, presently ₹13.50 per unit, or at such revised rate as may be applicable at the time of execution. The contractor shall submit a separate application for availing such facilities from IIM Mumbai.
8. All materials, equipment and accessories shall be new, unused and conform to the approved makes, technical specifications and applicable standards. Stainless steel used for kitchen equipment shall be of the specified grade, gauge and finish, and the contractor shall submit supporting certificates/details whenever required by the Engineer-in-Charge. The contractor shall arrange at its own cost suitable and secure storage for kitchen equipment, stainless-steel materials,

electrical items, plumbing materials and other components. No material brought to site for incorporation into the work shall be removed from the IIM Mumbai Campus without prior written approval of the Engineer-in-Charge.

9. Items involving concealed or hidden measurements, including embedded pipelines, drainage lines, concealed electrical conduits/cables, service connections and other works that will subsequently become inaccessible, shall be executed only after obtaining approval from the authorized representative of IIM Mumbai. The contractor shall submit detailed measurements, photographs and location details before covering such works. If any concealed work is executed without inspection/measurement by the Institute's representative, the decision of the Engineer-in-Charge regarding admissibility of payment shall be final and binding. No payment shall be admissible for unverified concealed work where measurements cannot subsequently be established.
10. Normally, work shall be carried out during the permitted working hours of the Institute on working days. No work shall be carried out on Saturdays, Sundays, Institute holidays or beyond permitted working hours without prior approval of the competent authority / Engineer-in-Charge. Where work is required to be executed beyond normal working hours or on holidays due to operational requirements or to avoid disturbance to hostel occupants, specific prior permission shall be obtained. No extension of time or additional payment shall be admissible solely on account of restrictions on working hours.
11. All work shall be executed strictly in accordance with the tender specifications, approved drawings, applicable IS/CPWD specifications and instructions of the Engineer-in-Charge. The tender shall remain valid for 120 days from the date of opening of the Technical Bid, unless otherwise specified in the NIT. If the successful bidder fails to commence the work within the period stipulated in the Letter of Acceptance / Work Order, or abandons the work before completion, IIM Mumbai shall be entitled to take action in accordance with the tender conditions, including forfeiture/recovery of applicable securities and termination of the contract.
12. All electrical works shall be carried out through a licensed Electrical Contractor / licensed electrician, as applicable under the statutory requirements in Maharashtra. All electrical installations associated with kitchen equipment, including cabling, isolators, switches, sockets, distribution boards, protection devices, earthing and terminations, shall be properly tested before energisation. The contractor shall remain fully responsible for coordination between the kitchen equipment supplier and the electrical agency.
13. All drainage and plumbing works shall be carried out through competent and experienced personnel / agency approved by IIM Mumbai. The works shall include, wherever applicable, water supply connections, waste connections, floor drains, SS gratings, drainage pipes, traps, valves, fittings and connections to the designated service points. The contractor shall ensure proper slopes, leak-proof joints, adequate drainage and satisfactory testing before handing over.
14. All fabricated kitchen equipment shall conform to the dimensions, materials, stainless-steel grades, gauges and construction details specified in the tender Technical Data Sheets. Before commencement of bulk fabrication, the contractor shall verify site dimensions and obtain approval for the equipment layout / shop drawings. All equipment shall be properly aligned, levelled, installed and secured. Adjustable feet, castors, supports, brackets and other accessories shall be provided wherever specified.
15. All bought-out equipment such as dishwashers, dough kneaders, pulverisers, potato peelers, chapati machines, refrigeration equipment and other powered kitchen appliances shall be of approved make/model and shall meet or exceed the specified capacity and performance requirements. Manufacturer's catalogues, technical data, warranty certificates and test certificates shall be submitted wherever required.
16. Gas-operated kitchen equipment shall be supplied complete with the necessary burners, control valves and equipment-side gas connections as specified in the tender. Gas connections shall be properly tested for leakage prior to commissioning. The contractor shall coordinate the equipment gas requirements with the approved gas system/service point. No gas-operated equipment shall be put into operation without satisfactory testing and approval.
17. All kitchen equipment and associated allied works shall be thoroughly inspected, tested and commissioned before handing over. Testing shall include, as applicable, functional operation of each equipment, electrical testing and earthing, water supply and drainage testing, gas leakage

testing, performance/capacity trial, temperature testing of heating/cooling equipment and trial operation of the complete kitchen installation. Any defects observed during testing shall be rectified by the contractor at its own cost.

18. The contractor shall take adequate precautions to protect the existing building, finishes, services, furniture and other property of IIM Mumbai. Any damage caused during execution of the work shall be repaired/restored by the contractor at its own cost and to the satisfaction of the Engineer-in-Charge.
19. The work area shall be kept clean and safe throughout the execution period. All packing materials, scrap, debris and surplus materials arising from the work shall be removed regularly and disposed of at an approved location outside the Institute campus, unless otherwise directed by IIM Mumbai.
20. Prior to final handing over, the contractor shall submit approved as-built drawings, equipment schedule with make/model/serial number, technical catalogues and O&M manuals, warranties and guarantees, test and commissioning reports, electrical and plumbing test records as applicable, service contact details and escalation matrix, and training records for IIM Mumbai personnel. The work shall be considered complete only after successful testing, commissioning, rectification of all defects/snags and formal handing over to IIM Mumbai.

1.0 SPECIAL CONDITIONS OF THE CONTRACT

The Special Condition of Contract (SCC) shall be followed by the Contractor in addition to the General Condition of Contract (GCC) of tender document. The following General Condition of Contract of this tender are modified/added as detailed below. In case of any discrepancy between GCC and SCC, the SCC will succeed over GCC.

Clause No.	**Description**	**Applicability/Modified/ Added**
GENERAL RULES AND DIRECTIONS		
5	Chief Administrative Officer, IIM Mumbai	
8	Schedule of Materials to be issued to the Contractor	Not Applicable
DEFINITIONS		
Added	'Principal Client/ Owner/ Employer' means IIM Mumbai	
2(iii)	Supply, Installation, Testing and Commissioning (SITC) of Kitchen Equipment and Allied Civil, Electrical and Plumbing Works at the Annex Building Hostel, IIM Mumbai	
2(iv)	Site / Location Means IIM Mumbai, Vihar Lake Road, Powai, Mumbai	
2 (vi)	Engineer-In-Charge Will be intimated to the successful Bidder at the time of issue of Notice to Proceed the works.	
2 (vii)	Accepting Authority Chief Administrative Officer, IIM Mumbai	
2 (x)	Market Rate Percentage on cost of materials and labour to cover all overheads and profits	15% (Provided that no extra overheads and profits shall be payable on the part(s) of work assigned to other agency(s) by the contractor as per terms of contract.)
2(xi)	Standard Schedule of Rates	DSR 2023

Clause No.	Description	Applicability/Modified/ Added
	Schedule of Rates (Civil) Schedule of Rates (Electrical)	DSR (E&M) 2025 or latest DSR with latest correction slips
2(xvi)	Date of Commencement of work	Within 7 days after date of award of Work
CLAUSES OF CONTRACT		
Clause 1	Performance Guarantee Performance Guarantee. Performance guarantee if contractor quotes abnormally low Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance. Validity of Performance Guarantee Return of Performance Guarantee	Applicable 5% of Tendered Value Not Applicable 15 days The Performance Guarantee shall be initially valid 60 days beyond the stipulated date of completion plus 1 year claim period beyond that. Soon after the completion & commissioning of works and issuance of the completion certificate.
Clause 1A	Security Deposit	Applicable 5% of Tendered Value
	Release of Security Deposit	The Security Deposit shall be released as follows: 1. 50% after completion of 18 months and the remaining 50% after completion of 36 months of the Defect Liability Period, reckoned from the date of commissioning certified by the Engineer-in-Charge, subject to satisfactory performance, rectification of notified defects and adjustment of outstanding recoveries. 2. Alternatively, the Security Deposit, or its unreleased balance, may be released within 30 days of submission and acceptance of an equivalent Bank Guarantee issued by a nationalized bank, valid for the entire unexpired portion of the 36-month Defect Liability Period. This guarantee shall secure the amount released and shall be separate from the Performance Guarantee furnished for execution of the contract.
Clause 2	Compensation for Delay	Applicable and Modified

Clause No.	Description	Applicability/Modified/ Added
		Timely completion of the work is very much/strictly essential due to time constraints 0.50% of the total project cost per day. (Maximum up to 10% of the Project Cost)
Clause 2A	Incentive for Early Completion	Not Applicable
Clause 5	Time and Extension for Delay	Applicable
	Number of days from the date of issue of letter of acceptance for reckoning date of start	15 days
	Stipulated time of completion of project	As Mentioned in NIT
Clause 7	Payment on Intermediate Certificate to be Regarded as advance	Not Applicable
New Clause 7A (Added)	Payment	It is clearly agreed and understood by the Contractor that notwithstanding anything to the contrary that may be stated in the agreement between IIM Mumbai and the Contractor; the contractor shall become entitled to payment only by the IIM Mumbai for the work done by the contractor after certification from IIM MUMBAI. Any delay in the release of payment by the client/ Owner/ Funding Agency to the contractor shall not entitle the contractor to any compensation/ interest from IIM MUMBAI. All payments shall be released by way of e-transfer through RTGS in India directly at their Bank account by IIM Mumbai.
Clause 10	Materials Supplied by IIM MUMBAI	Not Applicable
Clause 10A	Materials to be Provided by Contractor	Applicable In addition, the contractor shall get the testing of materials from NABL accredited Laboratory wherever applicable and carry out the tests in presence of IIM MUMBAI Officials during the normal working hours.
Clause 10 B(ii)	Mobilization Advance	Not Applicable
Clause 10 B(iii)	Plant Machinery & Shuttering Material Advance	Not Applicable
Clause	Recovery of Mobilization advance	Not Applicable

Clause No.	Description	Applicability/Modified/ Added
10 B(iv)		
Clause 10 C	Payment on Account of Increase in Price / Wages due to Statutory Order	Not Applicable
Clause 10 CA	Payment due to Variation in Prices of Materials after Receipt of Tender	Not Applicable
Clause 10 CC	Payment due to Increase / Decrease in Prices / Wages (Excluding Materials covered under Clause 10 CA) after Receipt of Tender for Works	Not Applicable
Clause 11	Works to be Executed in Accordance with Specifications, Drawings, Orders etc. Specifications to be followed for execution of work	Applicable The following is added: All works are to be executed in accordance with the specifications, drawings. Details of items & specifications mentioned elsewhere etc. given with this tender document and after vetting of design/drawing by IIT/NIT/GEC (to be engaged by contractor at their cost & risk). In case specification of any item is not clear, CPWD Specifications 2019 Vol. I to II with up-to-date correction slips issued on the last date of submission of tender for Civil work is applicable.
Clause 12	Deviations / Variations Extent and Pricing	Only first paragraph "The Engineer in charge----- work except as hereafter provided" will be applicable. Second paragraph "the completion cost---- of tendered amount" will be omitted.
	Clause 12.1	Not applicable
	Clause 12.2(a)	Modified as "The extra item(s) which are available in the standard schedule of rates specified in Schedule F, shall be paid as per the said schedule rate plus cost index (considered in the estimated cost put to tender) plus/minus percentage above/ below quoted on estimated cost put to tender. In case extra items, which are not available in DSR, the market rates shall prevail with proper justification of rates and the contractor shall be paid in accordance with rate approved by IIM MUMBAI & IIM Mumbai.
	Clause 12.2(b)	Modified as "The specification mentioned in Tender may be substituted as per the requirement of Owner/ IIM MUMBAI.

Clause No.	Description	Applicability/Modified/ Added
		In this case of substituted item(s) being DSR item, the rates for substituted items shall be determined on basis of latest DSR (Delhi Schedule of rates) as approved by IIM MUMBAI/ IIM Mumbai. In this case of substituted item(s) being Non DSR item, market rates shall prevail with proper justification of rates and the contractor shall be paid in accordance with rate approved by IIM MUMBAI. The rate of tendered item to be substituted will also be assessed by same above manner. The plus/minus difference of rates of mutually substituted items will be submitted by Contractor and approved by IIM MUMBAI/ IIM Mumbai. Accordingly, the plus/minus difference of payment will be made to the Contractor for the substituted quantities.
	Clause 12.2(c) Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for all items other than foundation work (except earthwork) as mentioned in clause 12.5 Clause 12.5 Deviation limit beyond which clause 12.2 & 12.3 shall apply for foundation work (except earth work) Deviation limit for items in 100% earth work sub head of DSR or related items	Project & Original Works 100% 100% 100% Modified as "In case of deviated item(s) beyond the %age mentioned above (Non Scheduled item within DSR 2023) the contractor may within fifteen days of receipt of the order or occurrence of the item(s) claim rates, supported by the proper analysis on basis of market rates.

Clause No.	Description	Applicability/Modified/ Added
		Contractor shall be paid in accordance with rates approved IIM Mumbai. In case of deviated item, beyond the % mentioned above, being the scheduled item (Delhi Schedule of Rates 2023), these shall be paid at rates of the scheduled rates plus the applicable cost index (excluding applicable GST). The total contract deviation value shall be permitted up to a maximum of **25% of the original contract value**, subject to the approval of the Engineer-in-Charge. Any deviation beyond the said limit of **25% of the original contract value** shall require approval from the Competent Authority of IIM Mumbai.
Clause 15A	Compensation in case delay supply of material	Not Applicable
Clause 17	Contractor liable for Damages, Defects during Defect Liability Period Defect Liability Period	Applicable Added/Modified: two years from the date of successful completion of each component of the project in all respect along with submission of all required documents i.e. As Built Drawings, Inventory List, Guarantee/Warrantee Bonds, Certificates & Invoices of Equipment's, Lock & Key of each room and NOCs from various Departments.
Clause 18	Contractor Supply Tools & Plants Etc.	Applicable
Clause 25	Settlement of Disputes & Arbitration	Not Applicable
Clause 27	Lump sum Provisions in Tender	Not Applicable
Clause 30	Employment of coal mining or controlled area labour not permissible	Not Applicable
Clause 33	Return of surplus material	Not Applicable
Clause 34	Hire of plant and Machinery	Not Applicable

<table>
<tr><th>Clause No.</th><th>Description</th><th>Applicability/Modified/ Added</th></tr>
<tr><td>Clause 36(i)</td><td>Requirement of Technical Representative(s)
<table>
<tr><th rowspan="2">S. No.</th><th colspan="2">Requirement of Technical Staff</th><th rowspan="2">Minimum Experience (Yrs.)</th><th rowspan="2">Designation of Technical Staff</th></tr>
<tr><th>Minimum Qualification</th><th>Numbers</th></tr>
<tr><td>1.</td><td>Graduate in Engineering</td><td>1</td><td>10</td><td>Project Manager</td></tr>
</table>
Curriculum Vitae along with Educational Certificates shall be submitted along with the bid.</td><td></td></tr>
<tr><td>Clause 42</td><td>Return of Material & Recovery for Material Issued</td><td>Not Applicable</td></tr>
<tr><td>Clause 43</td><td>Compensation During War Like Situation</td><td>Not Applicable</td></tr>
<tr><td>Clause 46</td><td>Insurance</td><td>Applicable</td></tr>
<tr><td>Clause 47</td><td>Conditions Specific to Green Buildings Practices</td><td>Applicable</td></tr>
<tr><td>Clause 49</td><td>Arbitration Clause</td><td>Yes, Applicable</td></tr>
<tr><td>Clause 50</td><td>Subcontract or Sublet of Work</td><td>As per approval of E-in-Chg.</td></tr>
</table>

2.0 PAYMENT TERMS: -

The following percentage of contract rates shall be payable against the stages of work shown herein: -

Sl. No.	Stage of Work	SITC of Kitchen Equipment with allied Civil, Electrical & Plumbing works
a)	Supply of Equipment after initial inspection (wherever specified) & delivery at site in good condition on pro-rata basis	60%
b)	On Completion of allied Civil, Electrical & Plumbing works	15%
c)	On completion of Installation	15%
d)	On testing, commissioning and handing over to the department for beneficial use	10%

The payment to the contractor for supply of items will only be made against the submission of a confirmation letter from the original manufacturer (not a dealer) stating that the materials are genuine/ on production of all the test certificates. Engineer-in-charge has full power to verify the genuineness of the material.

In a), b), c) and d) above security Deposit @5% of the billed value shall be deducted. The Security Deposit will be released as per condition specified in the contract.

SECTION– VII

ANNEXURES

Annexure – I

GUARANTEE TO BE EXECUTED BY THE CONTRACTOR FOR REMOVAL OF DEFECTS AFTER COMPLETION OF THE WORK IN ALL ASPECTS.

The agreement made this _____ day of _____ two thousand and _____ between _____S/o _____(hereinafter called the GUARANTOR of the one part) and the IIM Mumbai (hereinafter called the Client of the other part).

WHEREAS THIS agreement is supplementary to a contract. (Herein after called the Contract) dated _____and made between the GUARANTOR OF THE ONE PART AND the Client of the other part, whereby the contractor interalia, under look to render the work in the said contract recited structurally stable workmanship and use of sound materials.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said work will remain structurally stable and guarantee against faulty workmanship, finishing, manufacturing defects of materials and leakages etc.

NOW THE GUARANTOR hereby guarantee that work executed by him will remain structurally stable, after the expiry of maintenance period prescribed in the contract for the minimum life of ten years, to be reckoned from the date after the expiry of maintenance period prescribed in the contract.

The decision of the Engineer-in-charge with regard to nature and cause of defects shall be final. During the period of guarantee the guarantor shall make good all defects to the satisfaction of the Engineer in charge calling upon him to rectify the defects, failing which the work shall be got done by the Client by some other contractor at the guarantor's cost and risk. The decision of the Engineer in charge as to the cost payable by the Guarantor shall be final and binding.

That if the guarantor fails to make good all the defects, commits breach thereunder then the guarantor will indemnify the Principal and his successor against all loss, damage cost expense or otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and / or damage and / or cost incurred by the IIMM the decision of the Engineer-in-charge will be final and binding on the parties.

IN WITHNES WHEREOF those presents have been executed by the obligator _____and _____by for and on behalf of the Client on the day, month and year first above written.

Signed sealed and delivered by OBLIGATOR in presence of:

1. _____

2. _____

SIGNED FOR AND ON BEHALF OF THE Client BY_____ _____ in the presence of:

1. _____

2. _____

Annexure – III

DECLARATION

We, hereby declare that M/s _____, is after sales service provider of our company make kitchen equipment's to be set up in the state of Maharashtra. The details are as under:

Address :_____

Dedicated Contact No. _____

Email ID: _____

Date:_____ Name of the OEM: _____

Place :_____ Signature with Seal_____

Annexure – IV

FORMAT FOR AFFIDAVIT

I / We have submitted a bank guarantee for the work (Name of work) Agreement No. _____Dated _____from _____(Name of the Bank with full address) to the IIM Mumbai with a view to seek exemption from payment of performance guarantee in cash.

This Bank guarantee expires on _____ I / We undertake to keep the validity of the bank guarantee intact by getting it extended from time to time at my / our own initiative upto a period of _____ months after the recorded date of completion of the work or as directed by the IIM Mumbai.

I / We also indemnify the IIM Mumbai against any losses arising out of non-encasement of the bank guarantee if any.

(Deponent)

Signature of Contractor

Note: The affidavit is to be given by the Executants before a first class Magistrate.

Annexure – V

FORM OF ADVANCE PAYMENT GUARANTEE

DELETED

SECTION– VII

FORMS

"FORM-1"

LETTER OF TRANSMITTAL FOR TECHNICAL BID
(On Bidder **Original** *Letter Head)*

To
Chief Administrative Officer,
IIM Mumbai, Vihar Lake Road,
Powai, Mumbai, (MH) 400087

Subject: Submission of bids for (Name of the Work/ Project)

Sir,

Having examined the details given in tender document for the above work, I/we hereby submit the relevant information.

1. I/we hereby certify that all the statement made and information supplied in the enclosed Forms A to H and accompanying statement are true and correct.
2. I/we have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
3. I/we submit the requisite certified solvency certificate and authorize the IIMM. to approach the Bank issuing the solvency certificate to confirm the correctness thereof. I/we also authorize IIMM. to approach individuals, employers, firms and corporation to verify our competence and general reputation.
4. I/we submit the following certificates in support of our suitability, technical knowledge and capability for having successfully completed the following eligible similar works:

Name of work	**Certificate from**

Certificate:
It is certified that the information given in the enclosed eligibility bid are correct. It is also certified that I/we shall be liable to be debarred, disqualified / cancellation of enlistment in case any information furnished by me/us found to be incorrect.

Enclosures:

Seal of bidder

Date of submission: Signature(s) of Bidder(s).

FORM-A

FINANCIAL INFORMATION

[To be submitted on **Original** Letter Head of CA]

Years	**Gross Annual Turnover**	**Profit/Loss (After Tax)**
2021-2022		
2022-2023		
2023-2024		
2024-2025		
2025-2026		

Signature of Chartered Accountant (with Seal)

UDIN No.

Signature of Bidder(s) (with Seal)

Note: Details to be furnished duly supported by figures in balance sheet/ profit & loss account for the last five years duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department (Copies to be attached). UDIN No. has to be mentioned in the Certificate. Original Certificate is required to be submitted along with the bid.

FORM- B

STRUCTURE & ORGANISATION

(On Bidder **Original** *Letter Head)*

S.No.	Particulars	Details Submitted by Bidder
1.	Name & address of the bidder	
2.	Contact Details a) Telephone no. b) Fax no c) Email id d) Website	
3.	Legal status of the bidder (attach copies of original document defining the legal status) (a) An Individual (b) A proprietary firm (c) A firm in partnership (d) A limited company or Corporation	
4.	Particulars of registration with Government Body (attach attested photocopy)	
5.	Names and titles of Directors & Officers with designation to be concerned with this work.	
6.	Designation of individuals authorized to act for the organization	
7.	Has the bidder or any constituent partner in case of partnership firm Limited Company/ Joint Venture, ever been convicted by the court of law? If so, give details.	
8.	Any other information considered necessary but not included above.	

Signature of Bidder(s)

FORM-C

FORMAT FOR NO-CONVICTION CERTIFICATE

[To be submitted on Bidder's **Original** Letter Head]

Subject: No-Conviction Certificate for --- (Name of the work / project)

This is to certify that _____(Name of the organization), having registered office at _____ (Address of the registered office) has never been blacklisted or restricted to apply for any such activities by any Central / State Government Department or Court of law anywhere in the country.

This is also to certify that M/s _____(Name of the organization), is not involved in any form of Corrupt and Fraudulent Practices in past and will never be involved in future.

Yours faithfully,

Date: (Signature, name and designation of the Authorized signatory)

Place: **Name and seal of Bidder**

FORM-D

FORMAT FOR UDERSTANDING THE PROJECT SITE

[To be submitted on Bidder's **Original** Letter Head]

To
Chief Administrative Officer,
IIM Mumbai, Vihar Lake Road,
Powai, Mumbai, (MH) 400087

Subject: Undertaking of the Site Visit for --- (Name of the work / project)

Sir,

I/we hereby certify that I/we have examined & inspected the site & its surrounding satisfactorily, where the project is to be executed as per the scope of works. I/ We are well aware about the following

- Location of the project and accessibility to the site.
- Existing kitchen layout, available space, floor levels and site conditions.
- Requirements of allied civil works, including flooring, platforms, supports and necessary modifications.
- Availability of existing electrical supply, distribution boards, wiring and earthing arrangements.
- Existing water supply, plumbing and drainage connections and required modifications.
- Space requirements for installation, operation and maintenance of kitchen equipment.
- Requirements for kitchen ventilation, exhaust systems and associated services.
- Transportation, loading, unloading and shifting of kitchen equipment and materials.
- Safety of existing structures, utilities and services during execution.
- Working restrictions within the functioning Institute campus.
- Site hindrances, if any, affecting execution of the work.

I / We hereby submit our BID considering above all facts gathered during site visit and each & every aspect have been considered in the Quoted cost of the project. I / We hereby confirm that no extra/additional cost shall be claimed on above aspects

Yours faithfully,

Date: (Signature, name and designation

of the Authorized signatory)

Place: **Name and seal of Bidder**

FORM-E

FORMAT FOR NO DEVIATION CERTIFICATE

[To be submitted on Bidder's **Original** Letter Head]

To,

Chief Administrative Officer,

IIM Mumbai, Vihar Lake Road,

Powai, Mumbai, (MH) 400087

Subject: No Deviation Certificate for (Name of Work /Project)

Dear Sir,

With reference to above this is to confirm that as per Tender conditions we have visited site before submission of our Offer and noted the job content and site condition etc. We also confirm that we have not changed/modified the above tender document and in case of observance of the same at any stage it shall be treated as null and void.

We hereby also confirm that we have not taken any deviation from Tender Clause together with other reference as enumerated in the above referred Notice Inviting Tender and we hereby convey our unconditional acceptance to all terms & conditions as stipulated in the Tender Document.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null and void.

Yours faithfully,

Date: (Signature, name and designation of the Authorized signatory)

Place: **Name and seal of Bidder**

FORM-F

FORMAT FOR INTEGRITY PACT
[To be submitted on Bidder's **Original** Letter Head]

To,
Chief Administrative Officer,

IIM Mumbai, Vihar Lake Road,

Powai, Mumbai, (MH) 400087

Sub: Integrity Pact for ------- (Name of Work / Project)

Dear Sir,

I/We acknowledge that IIMM is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document at **Enclosure-I.**

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 IIMM. 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, IIMM shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid is accordance with terms and conditions of the tender/bid.

Yours faithfully,

Date: (Signature, name and designation of the Authorized signatory)

Place: **Name and seal of Bidder**

Enclosure-I INTEGRITY AGREEMENT
[To be submitted on Bidder's **Original** Letter Head or Stamp Paper]

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

BETWEEN

IIMM (Hereinafter referred as the **'Principal/Owner',** which expression shall unless repugnant to the meaning or context hereof 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 IIMM - Principal / Owner has floated the Tender (NIT No.

.....) (hereinafter referred to as "Tender/Bid") and intends to award, under laid down organizational procedure, contract for..... (Name of work) 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 witnesses as under: -

Article 1: Commitment of the Principal/Owner

(1) The Principal/Owner commits itself to take 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 Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

(c) The Principal/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 IIMM 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 the 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 addresses of foreign agents/representatives, if any. Either the Indian 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 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 offences outlined above or be an accessory to such offences.

(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 the detriment of the IIMM 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 EMD/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 Earnest Money Deposit, 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 IPC 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 confirming 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 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

(1) This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 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.

(2) 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, IIMM

Article 7: Other Provisions

(1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Headquarters 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 intensions.

(5) It is agreed term and condition 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/Contact documents with regard 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 Principal/Owner)

.....

(For and on behalf of Bidder/Contractor)

WITNESSES:

1.....
(signature, name and address)

2.....
(signature, name and address) Place:

Dated:

FORM-G

FORMAT FOR LITIGATION HISTORY, LIQUIDATED DAMAGES, DISQUALIFICATION

[To be submitted on Bidder's **Original** Letter Head]

To,
Chief Administrative Officer,

IIM Mumbai, Vihar Lake Road,

Powai, Mumbai, (MH) 400087

Subject: Litigation History, Liquidated Damages, Disqualification for ---------- (Name of Work /Project)

It is hereby declared that our firm (Name of firm with address -------) neither disqualified, nor have any Litigation history and no Liquidated Damage imposed on the firm by any Department.

Yours faithfully,

Date: (Signature, name and designation of the Authorized signatory)

Place: **Name and seal of Bidder**

FORM-H

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FORM-I

FORMAT FOR SOLVENCY CERTIFICATE SOLVENCY CERTIFICATE

To,

Chief Administrative Officer,

IIM Mumbai, Vihar Lake Road,

Powai, Mumbai, (MH) 400087

Name of Work: _____(Name of work)

This is to certify that to the best of our knowledge and information M/s _____having marginally noted address, a customer of our bank are/is respectable and can be treated as good for any engagement up to a limit of Rs. _____(Rupees.....)

This certificate is issued without any guarantee or responsibility on the Bank or any of the officers for the work _____(Name of work).

(Signature) For the Bank with seal Name:

Designation:

Power of Attorney No.:

Note:

Solvency Certificate should be in Original on letter head of the Bank.

The date of Solvency Certificate shall be after the publication of the tender.

FORM-J

DETAILS OF WORK COMPLETED DURING THE SEVEN YEARS

Sr. No.	Name of The work & location	Owner or sponsoring organization	Cost of Work (in Crores)	Date of Commencement as per Contract	Stipulated Date of Completion	Actual Date of Completion	Litigation/ Arbitration cases which are over and Litigation/Arbitration cases pending/ in progress with details	Name & address/ telephone number of Executive Engineer/ Project Manager or equivalent to whom reference shall be made	Remark / Reasons for delay and compensation charged if any
1	2	3	4	6	7	8	9	10	11
DETAILS OF SIMILAR ELIGIBLE WORK COMPLETED DURING THE SEVEN YEARS									
1.									
2.									
3.									
4.									
5.									

(Signature of Bidders)

IIMM

Contractor

FORM –K

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SECTION– VIII

APPENDIX

APPENDIX-I

ACCEPTABLE MAKES OF MATERIALS

Acceptable makes of materials to be used in the work are enclosed. In case of non-availability of these makes, after the approval of Employer, the Contractor can use the alternative makes only BIS marked materials. Non-BIS marked materials may be permitted by the IIM Mumbai only when BIS marked materials are not manufactured.

Note:

1. The Contractor shall obtain prior approval from the OSD (IPS) / Engineer-In-Charge before placing order for any specific material or engaging any of the specialized agencies. The contractor shall make a detailed submittal with catalogues and highlighted proposed specifications as well as full details of the works proposed to be executed by the specialized agency as specified.
2. Wherever applicable, the OSD (IPS) / Engineer-In-Charge may approve any material equivalent to that specified in the tender subject to proof being offered by the contractor for equivalence to his satisfaction.
3. Unless otherwise specified, the brand / make of the material as specified in the item nomenclature, in the particular specifications and in the list of approved materials attached in the tender, shall be used in the work.
4. Any other / additional Material (Not mentioned below) – Shall be approved from OSD (IPS) / Engineer-In-Charge before use at site.

S. NO	DESCRIPTION OF WORK	MANUFACTURERS
I	**Structural & Architectural**	
1.	Cement	ACC, Ultra Tech, J. P. Rewa, Vikram, Shree Cement, Birla Jute, Cement Corporation of India, Ambuja Cement
2.	White Cement/ Putty	J.K., Birla
3.	Ready Mix Concrete	A.C.C., Ultra Tech, Rmc, Godrej, Skyway,
4.	Waterproofing Compound	Pidilite, BASF, Cico, Fosroc, Roff, Sunanda, Sika
5.	Anti-Termite Treatment	PCI, PECOPP, Godrej Hi-Care
6.	Factory Made Concrete Blocks	Astra Concrete, Raj Cover Blocks
7.	Ready Mixed Cement Plaster	Walplast, Ultra Tech, Madras Cement Ltd, Sound Build Care Ltd., Ferrouscrete, Precise Conchem Pvt Ltd.
8.	Paver Blocks/ Grass Pavers/ Kerbstone	Vyara, Basant Betons, Super, Hindustan
9.	External Paver Tiles	H.R.Johnson-Endura, Vyara, Super, Pavit, Kajaria
10.	External Ceramic Mosaic Tiles	Shon, Mridul, Kent Bisazza, Palldio ?

11.	External Texture Paint	Renovo, Ruff&Tuff, Roughtex, Sherwin Williams, SKK(?)
12.	Acrylic Rough Plaster	Asian Paints, Spectrum, Heritage, SKK
13.	Waterproofing Cement Paint	Snowcem, Berger, Nerolac, Asian,
14.	Paints	Ici, Asian, Berger, Nerolac, Dulux, Godavari, Paints, Jotun
15.	P.V.C Rainwater Pipe	Supreme, Astral, Ashirvad, Finolex, Prince
16.	Sanitary Wares	Jaquar,
17.	C. P. Fittings	Jaquar,
18.	S. S. Sink	Nirali, Deepali, Futura,
19.	C. I. Pipes & Fittings	Neco, Kapilansh, Skf, Hepco
20.	G.I. Pipes	Tata, Jindal, Prakash Surya,
21.	G. I. Fittings	Unik, R-Brand, Zoloto
34.		

LIST OF RECOMMENDED MATERIALS FOR ELECTRICAL AND MECHANICAL (E&M) WORKS

Sr. No.	Equipment / Materials	Recommended Manufacturers
A	**Electrical Works**	
1	LT Panels (TTA Panels) OEM Manufactured	Legrand / L&T / Schneider Electric / ABB /Siemens
2	LT Panels (Non TTA Panels) and Motor Control Centre	Legrand / L&T / Schneider Electric / ABB / Siemens (OEM approved TTA vendor)
3	Distribution Board	Hager / Legrand /Siemens / L&T / ABB
4	Moulded Case Circuit Breaker (MCCB)	Schneider Electric (NSX) / L&T (D-Sine) / Siemens (3VA) / Legrand (DPX3) / ABB (Tmax)
	LT Switchgears:	
5	Miniature Circuit Breakers (MCB)	
6	Residual Current Circuit Breaker (RCCB) Residual current operated Circuit Breaker (RCBO) Motor Protection Circuit Breakers (MPCB) Isolators	Hager / Legrand / Siemens / ABB / Schneider Electric / L&T

7	Power / Auxiliary Contactor	Legrand / Schneider Electric / Siemens / L&T / ABB
8	Energy Monitoring System	Legrand / Socomec / Schneider / L&T / ABB
9	Change Over Switch	Socomec / L&T / Legrand / ABB
10	Control Transformers / Potential Transformers	Automatic Electric / Indcoil / Pragati / AE / Kappa / L&T / Precise / Elmex / Ashmor / ECS / Kalpa
11	Relays	L&T / Siemens / Enercon / Legrand / Trinity / Schneider Electric / Beluk / Ducati / EPCOS / ABB
12	Indicating Lamps (LED type)	L&T / Salzer / Schneider Electric / ABB / Legrand / Siemens / GE / As per OEM Standards
14	Push Buttons and Bush Button Set	L&T / Salzer / Schneider Electric / ABB / Legrand / Siemens / GE / C&S / As per OEM Standards
15	Selector Switch	L&T / Salzer / Kaycee / Schneider Electric / ABB / Legrand / Siemens / MECO / As per OEM Standards
16	Terminal Blocks	Connect Well / Elmex
17	Connectors (Colours as	WAGO / Phoenix Contact / Connect Well
18	Meters / Energy Meters & Load Managers (Digital)	L&T / Siemens / Schneider Electric / Legrand / ABB
19	Meters (Analog)	L&T / Siemens / Schneider Electric / Legrand / ABB
20	Electric Timers	L&T / Legrand / Siemens / Schneider Electric / ABB / MECO / BCH
21	Rotary Switches	Siemens / Kaycee / Salzer / L&T / Legrand / Schneider Electric / As per OEM Standards
22	LT Capacitors	L&T / Siemens / Legrand / Schneider Electric / ABB
23	Low Voltage Cables	Finolex / KEI / Havells / Polycab / RR Kabel / Century
24	Cable Glands (Double / Single Compression type)	Comet / Cosmos / 3D / HMI / Hex / Jainsons / Dowells / Braco / Polycab
25	Cable Lugs / Cable Terminations	Comet / Cosmos / 3D / HMI / Hex / Jainsons / Dowells / Braco / Polycab
26	Cu. Conductor Wires (FRLS)	Finolex / Havells / Anchor / Polycab / RR Kabel/ KEI/ Century
27	PVC	Precision / AKG / Polycab / Anchor / Asian
28	MS / GI Conduit (ISI approved)	AKG / BEC / Vimco / Precision / Steelcraft / Anchor
29	HDMI Cables / USB Cables / Audio	Legrand / AMP / Molex

	Cables	
30	TV Co-Axial Cables	Finolex / Havells / Polycab / RR Kabel / KEI / Molex
31	Modular Switches & Sockets / Modular Base Frames with Plate and GI Switch Boxes	Legrand (Myrius & Arteor) / MK (Blenze Plus & Orna) / Crabtree (Murano) / Schneider (Opale) / Norisys / Panasonic (Europa) / L&T (Englaze) / GM Modular (GX10 Series or equivalent) Model shall be as approved by Architect & Client. Contractor to provide minimum 03 Nos. samples of different makes for approval of Client & Architect
32	Occupancy Sensor / Motion Sensor	Legrand / Schneider / Wipro / Phillips / Siemens
33	Industrial type Sockets (Metal Clad / Splash Proof / Water Proof / Weather Proof)	Legrand / Schneider Electric / L&T / ABB / Siemens / Hager / Hensel
34	Ceiling Fan – BLDC / Exhaust Fans	Atomberg / Superfan / Havells / Crompton
35	Exhaust Fans	Atomberg / Crompton / Havells / Usha
36	Lighting Fixtures	
	a) Internal	Philips / Eveready / Panasonic / Wipro / Trilux, Havels
	b) Decorative	Phillips / Eveready / Panasonic / Wipro / Trilux / Luker / K-Lite
	c) Indoor Gaming / Sports	Philips / Eveready / Panasonic / Wipro / Trilux / Harrison
	d) External	Philips / Eveready / Panasonic / Wipro / Trilux/ K-Lite
	e) Poles for External Light	Eveready / Bombay Poles / Rajan Tubes / Bajaj
37	Junction Boxes	Hensel / Sintex / Clipsal / Spelsberg / SCAME
38	Aviation Light	Bajaj / Insta Power / Spectrum
39	Cable	OBO Bettermann / Legrand / Indiana / Profab/ MK / Erico
40	Floor Raceways / Floor Trunking	MK / Legrand / OBO Bettermann / Asian Ancillary Corporation / Profab / Indiana / Erico / Schneider
41	Floor Junction Boxes	MK / Legrand / OBO Bettermann / Asian Ancillary Corporation / Profab / Indiana / Erico / Schneider
42	UPVC Trunking	MK / Legrand / OBO Bettermann

43	Fire Sealant & Fire-Retardant Paint	3M / HILTI / OBO
44	Lightning Protection System / Surge Arrestor	Axis / LPI / OBO / Dehn / Indelec / ABB Furse / Purcel / Eltech / Tercel
45	Earthing System	OBO Bettermann / JEF / JMV / Axis / Dehn / Eltech/ Indelec / ABB
46	UPS	Eaton / APC-Schneider / Legrand (Numeric) / Vertiv (Emerson) / Delta
47	SMF Batteries for UPS	Exide / Amara Raja / Rocket / Amaron / Standard/ AMCO / Prestolite / Tata Green
48	Inverter	Microtek / Luminous / Prostarm
49	RCC Hume Pipes	Dhere / KK / Indian Hume Pipe / Pranali
50	DWC Pipes / HDPE Pipes	Rex / Natni / Polymer / Gemini
51	Anchor Fasteners	HILTI / Fischer
52	Motors	KEC / Siemens / ABB / Crompton / Kirloskar / Crompton / Bharat Bijlee
53	Starters	Legrand / L&T / Schneider Electric / ABB / Siemens
54	GI / MS Pipes	TATA / Jindal / Sail
55	Pipe Fittings	Jainsons / Unik / VR
56	Non-Return Valves	Leader / Zoloto / Sant / Kirloskar / Advance / Audco / Hawa / Lehry
57	Gate Valves	Leader / Zoloto / Sant / Kirloskar / Advance / Audco / Hawa / Lehry
58	Sluice Valves	Leader / Zoloto / Sant / Kirloskar / Advance / Audco / Hawa / Lehry
59	Butterfly Valves	Leader / Zoloto / Sant / Kirloskar / Advance / Audco / Hawa / Lehry
60	Ball Valves	Leader / Zoloto / Sant / Kirloskar / Advance / Audco / Hawa / Lehry
61	Air Release Valves	Leader / Zoloto / Sant / Kirloskar / Lehry / Shah Bhogilal
62	Solenoid Valves	Rotex / ASCO / Switzer / Danfoss / Aira Eurotech / Honeywell
63	Y-Strainer	Leader / Zoloto / Sant / Kirloskar / Advance / Audco / Hawa
64	Pressure Switches	Indfos / Danfoss / Honeywell / Stefa / Switzer / NICO
65	Pressure Gauges	HD Fire / H Guru / Fiebig / Waree
66	Air Vessel	Nema / Golden Deer / Zenith / As per CPWD Specifications tested upto 25KG / Sq. Mtrs.
67	Anti Corrosive Materials	IWL / Rustech / Pypkote
68	Pipe Clamp & Supports	Chilly / Euroclamp / Easyflex / Gripple

69	Hydrant Valves	Padmini / New Age / Omex / Minimax / Superex
70	Fire Hydrants	Padmini / New Age / Omex / Minimax / Superex
71	RRL Hose Reel	Padmini / New Age / Omex / Minimax / Superex
72	Fire Hose Reel	Padmini / New Age / Omex / Minimax / Superex
73	Fire Hose, First -Aid Hose Reel, Branch Pipe, Siamese Connections, Hose Coupling, Nozzle, Fire Brigade Connection, etc.	Padmini / New Age / Omex / Minimax / Superex
74	Stand Post Hydrant	New Janta Metal Works / New Age / AAG / Padmini
75	Sprinklers	HD Fire / Tyco / Viking / Grinnell / Spray Safe
76	Flexible Drop Connection	Flexhead / Newage / Tyco
77	Flow Switch	Danfoss / Switzer / Honeywell / System Sensor / HD Fire / Tyco
78	Test Drain Assembly	New Age / Tyco / HD Fire / Viking / Spray Safe / Grinnell
79	Alarm Control Valve, Installation Control Valve	New Age / Tyco / HD Fire / Viking / Spray Safe / Grinnell
80	Fire Extinguisher	Kanex / Minimax / Safex / New Age / Cease Fire / Safe Guard
81	Single Phase Preventer	Salec / Legrand / Minilec
82	C.I Water quality pipes	Electrosteel / Kapilansh/Keshospun
83	C.I Soil quality pipes	Neco / Saint Gobain/ Kapilansh
84	Description	Approved Makes
85	C.I Frame & Cover	Neco / Saint Gobain
86	S.W Pipe & Gully Trap	Kashmira, Rajura, Girco, Perfect, C.I.or approved eq.
87	RCC Hume pipe	IHP, Pranali, Premier, Shreeji, Pragati, Usha, JSP or app. Eq
88	SFRC frame & cover / gratings	Bharat, Shreeji, SS, KK or approved eq.
89	HDPE Pipe	Supreme / Mahavir
90	SS Pipes & Fittings	J-Press/ Viega/ Platinox
91	SWR-UPVC pipe & fittings	Supreme / Ajay / Astral
92	Water supply PVC pipes & Fittings	Ashirwad/ Ajay / Astral
93	Pig Lead	Hindustan Zinc
94	PVC flushing Cistern	Parryware / Hindware
95	Pressure Gauge	Fiebig / H. Guru

96	Foot Valve (Ball type)	Normex /Zoloto/Itap
97	SBR / EPDM Gaskets	Prabhat, Orient, Paul, Durableor approved eq.
98	C.I fittings / Specials	Electrosteel / Kapilansh/NECO
99	Flush Valves	Jaquar / Grohe / Kohler
100	Check Valve WaferType	Advance / Danfoss / Kirloskar
101	Check Valve Dual Plate	Advance / SKS
102	Check Valve Forged Screwed	Leader / RB / Sant / TBS / Zoloto
103.	Check Valves (slim type)	Zoloto / Intervalve
104	Butterfly Valve	Itap / C&R / Audco
105	Ball Valve (15 to 40 mm)	Sant / Zoloto
106	Pressure Reducing Valve	VARIE (Vartsila) / Honeywel/Zoloto
107	Cockroach trap	Chilly
108	CI double flanged non-return valve	Kirloskar, IVC, Leader,
109	Cast Iron Pipes & Fittings Manhole covers and frames	
a.	As per IS:3989 (Pipes & Fittings)	Kapilash
b.	As per IS:1729 (Manhole covers and frames)	Raj Iron Foundry Agra
c.	As per IS:1536 (CIClass LA Pipes)	IISCO / NECO /Electrosteel

NOTE:

- **THE SUPERIOR/ EQUIVALENT MAKE MAY BE USED ONLY AFTER THE APPROVAL OF EMPLOYER.**
- **IN CASE ANY INFERIOR QUALITY / SUB-STANDARD MAKE IS FOUND TO BE SUPPLIED BY THE CONTRACTOR, THE EMPLOYER'S RESERVES THE RIGHT TO DISCARD THE USE OF THE SAME.**

INDIAN INSTITUTE OF MANAGEMENT MUMBAI

Vihar Lake Road, Powai, Mumbai - 400087

TENDER DOCUMENT

Supply, Installation, Testing and Commissioning (SITC) of Kitchen Equipment and Allied Civil, Electrical and Plumbing Works at the Annex Building Hostel, IIM Mumbai

NIT No.: IIMM/IPS/CONS/ELE/2026-27/12 Date: 14.10.2026

Volume II

Financial Bid

Invited By

Chief Administrative officer,
Indian Institute of Management Mumbai
Vihar Lake Road, Powai,
Mumbai 400087

October 2026

Name of work:	Supply, Installation, Testing and Commissioning (SITC) of Kitchen Equipment and Allied Civil, Electrical and Plumbing Works at the Annex Building Hostel, IIM Mumbai

A. KITCHEN EQUIPMENTS ESTIMATES						
SR. NO.	**Ref.**	**EQUIPMENTS NAME**	**DIMENSION /CAPACITY**	**QTY.**	**RATE Including GST**	**AMOUNT**
KITCHEN EQUIPMENTS						
1	MR	SINGLE SINK UNIT (SS.304)	18"X18"X34" +6"	1	₹ 14,750.00	₹ 14,750.00
		PAPER COATED STAINLESS STEEL MAT FINISHED TOP-16 G, Legs of 1.5" x 1.5" Sq S.S Pipe. Waste Coupling & 3 SIDE CROSS BRACING WITH SINK BOWL, Adjustable NYLON BULLET feet.				
2	MR	WORK TABLE WITH 2 U/S (SS.304)	30"X18"X34" +6"	1	₹ 19,470.00	₹ 19,470.00
		PAPER COATED STAINLESS STEEL MAT FINISHED TOP-16 G, 2 UNDERSHELF 18 G, Legs of 1.5" x 1.5" Sq S.S Pipe, Adjustable NYLON BULLET feet.				
3	MR	CHAPATI COLLECTION TROLLEY WITH 2 U/S (SS.304)	20"X40"X34"	1	₹ 23,010.00	₹ 23,010.00
		PAPER COATED STAINLESS STEEL MAT FINISHED TOP-16 G, 2 UNDERSHELF 18 G, Legs of 1.5" x 1.5" Sq S.S Pipe, ON CASTOR WHEELS.				
4	MR	CHAPATI MACHINE (SEMI-AUTOMATIC)	700-1000 CHAPATI/HR	1	₹ 9,14,500.00	₹ 9,14,500.00
5	MR	WORK TABLE WITH 2 U/S (SS.304)	36"X28"X34" +6"	1	₹ 26,550.00	₹ 26,550.00
		PAPER COATED STAINLESS STEEL MAT FINISHED TOP-16 G, 2 UNDERSHELF 18 G, Legs of 1.5" x 1.5" Sq S.S Pipe, Adjustable NYLON BULLET feet.				
6	MR	DOUGH BALL MAKING MACHINE		1	₹ 1,13,280.00	₹ 1,13,280.00
7	MR	WORK TABLE WITH 2 U/S (SS.304)	47"X36"X34" +6"	1	₹ 46,020.00	₹ 46,020.00
		PAPER COATED STAINLESS STEEL MAT FINISHED TOP-16 G, 2 UNDERSHELF 18 G, Legs of 1.5" x 1.5" Sq S.S Pipe, Adjustable NYLON BULLET feet.				
8	MR	DOUGH KNEADER		1	₹ 1,94,700.00	₹ 1,94,700.00
9	MR	TILTING BOILING PAN (SS.304)	120 LTRS.	2	₹ 1,35,700.00	₹ 2,71,400.00
		PAPER COATED STAINLESS STEEL MAT FINISHED, 120 LTRS CAPACITY, MANUALLY OPERATED TILTING MECHANISM, HEAVY DUTY LID & HINGE SYSTEM, FULL STAINLESS STEEL				

		PAN WITH 3 MM PAN BODY, EASY CLEAN, INSTALLATION & SERVICE, HEAVY-DUTY SS LEGS WITH ADJUSTABLE NYLON FEET.				
10	MR	TILTING FRYING PAN (SS.304)	120 LTRS.	1	₹ 1,35,700.00	₹ 1,35,700.00
		PAPER COATED STAINLESS STEEL MAT FINISHED, 120 LTRS CAPACITY, MANUALLY OPERATED TILTING MECHANISM, HEAVY DUTY LID & HINGE SYSTEM, FULL STAINLESS STEEL PAN WITH 3 MM PAN BODY, EASY CLEAN, INSTALLATION & SERVICE, HEAVY-DUTY SS LEGS WITH ADJUSTABLE NYLON FEET.				
11	MR	MASALA TROLLEY WITH GN PAN (SS.304)	24"X24"X34"	2	₹ 23,010.00	₹ 46,020.00
		PAPER COATED STAINLESS STEEL MAT FINISHED TOP-16 G, 2 UNDERSHELF 18 G, Legs of 1.5" x 1.5" Sq S.S Pipe, ON CASTOR WHEELS.				
12	MR	WORK TABLE WITH 2 U/S (SS.304)	24"X40"X34" +6"	1	₹ 28,910.00	₹ 28,910.00
		PAPER COATED STAINLESS STEEL MAT FINISHED TOP-16 G, 2 UNDERSHELF 18 G, Legs of 1.5" x 1.5" Sq S.S Pipe, Adjustable NYLON BULLET feet.				
13	MR	WORK TABLE WITH 2 U/S (SS.304)	48"X24"X34" +6"	2	₹ 28,910.00	₹ 57,820.00
		PAPER COATED STAINLESS STEEL MAT FINISHED TOP-16 G, 2 UNDERSHELF 18 G, Legs of 1.5" x 1.5" Sq S.S Pipe, Adjustable NYLON BULLET feet.				
14	MR	SINK WITH TABLE	48"X24"X34" +6"	1	₹ 28,910.00	₹ 28,910.00
		PAPER COATED STAINLESS STEEL MAT FINISHED TOP-16 G, Legs of 1.5" x 1.5" Sq S.S Pipe. Waste Coupling & 3 SIDE CROSS BRACING WITH SINK BOWL, Adjustable NYLON BULLET feet.				
15	MR	BULK BURNER (SS.304)	30"X30"X18"	2	₹ 23,010.00	₹ 46,020.00
		PAPER COATED STAINLESS STEEL MAT FINISHED, TOP-16 G, ONE UNDERSHELF 18 G, CASTING 18"X18" 1NOS. Legs of 1.5" x 1.5" Sq SS Pipe. Adjustable NYLON BULLET feet, BURNER STANDARD COMPANY.				
16	MR	IDLI STEAMER (SS.304)	CAP: 180 IDLI	1	₹ 1,71,100.00	₹ 1,71,100.00
17	MR	PULVERIZER		1	₹ 24,780.00	₹ 24,780.00
18	MR	POTATO PEELER		1	₹ 34,810.00	₹ 34,810.00
19	MR	3 SINK WITH LOADING TABLE (SS.304)	78"X30"X34" +6"	1	₹ 46,020.00	₹ 46,020.00
		PAPER COATED				

		STAINLESS STEEL MAT FINISHED TOP-16 G, Legs of 1.5" x 1.5" Sq S.S Pipe. Waste Coupling & 3 SIDE CROSS BRACING WITH SINK BOWL, Adjustable NYLON BULLET feet.				
20	MR	PRE RINSE UNIT	T&S	1	₹ 29,500.00	₹ 29,500.00
21	MR	HOOD TYPE DISHWASHER	WASHMATIC	1	₹ 2,89,100.00	₹ 2,89,100.00
22	MR	UNLOADING TABLE (SS.304)	40"X30"X34" +6"	1	₹ 26,550.00	₹ 26,550.00
		PAPER COATED STAINLESS STEEL MAT FINISHED TOP-16 G, Legs of 1.5" x 1.5" Sq S.S Pipe, Adjustable NYLON BULLET feet.				
23	MR	DIRTY DISH LANDING TABLE (SS.304)	60"X24"X34" +6"	1	₹ 34,810.00	₹ 34,810.00
		PAPER COATED STAINLESS STEEL MAT FINISHED Top of 16 g ss 4" top and Sides Border for soiled Dish Landing to have 1" Raised 8" dia Garbage Chute and Waste Coupling and Cross Bracing Below Legs of 1.5" x 1.5" sq ss Pipe with Cross bracing from 3 Sides of 1.25" sq ss Pipe Ajustable SS feet.				
24	MR	HOT BAIN MARIE (SS.304)	68"X24"X34"	2	₹ 92,040.00	₹ 1,84,080.00
		PAPER COATED STAINLESS STEEL MAT FINISHED TOP-16 G, 1 UNDERSHELF 18 G. Legs of 1.5" x 1.5" Sq SS Pipe. ELECTRICAL WATER HEATING ELEMENTS, Adjustable nylon bullet feet.				₹ 0.00
25	MR	1/1 GN PAN 6" DEEP WITH LID		10	₹ 2,537.00	₹ 25,370.00
26	MR	COLD BAIN MARIE (SS.304)	28"X24"X34"	1	₹ 69,620.00	₹ 69,620.00
		PAPER COATED STAINLESS STEEL MAT FINISHED, TOP 18G Puff insulated. Compressor EMERSON (KIRLOSKAR)/TECUMSEH /DANFOSS make. Doors Lockable. Subzero Controller. Temp: +2Deg to +6Deg C,				

		Adjustable NYLON BULLET feet.				
27	MR	1/1 GN PAN 6" DEEP WITH LID		2	₹ 2,537.00	₹ 5,074.00
GENERAL ITEMS						
1	MR	INSECT KILLER		3	₹ 11,210.00	₹ 33,630.00
2	MR	AIR CURTAIN		1	₹ 56,640.00	₹ 56,640.00
DRAIN GRATING						
1	MR	DRAIN GRATING (SS.304)	36"X8"	12	₹ 7,670.00	₹ 92,040.00
2	MR	PERFORATED TRAY		12	₹ 6,490.00	₹ 77,880.00
3	MR	ANGLE FRAME		12	₹ 5,310.00	₹ 63,720.00
		PAPER COATED STAINLESS STEEL MAT FINISHED				
4	MR	DRAIN GRATING (SS.304)	36"X24"	3	₹ 11,210.00	₹ 33,630.00
5	MR	PERFORATED TRAY		3	₹ 7,670.00	₹ 23,010.00
6	MR	ANGLE FRAME		3	₹ 6,490.00	₹ 19,470.00
	MR	PAPER COATED STAINLESS STEEL MAT FINISHED				
7	MR	GREASE TRAP (SS.304)		2	₹ 34,810.00	₹ 69,620.00
		PAPER COATED STAINLESS STEEL MAT FINISHED				
EXHAUST HOOD & DUCTING						
1	MR	SS EXHAUST HOOD WITH FILTER (ISLAND TYPE HOOD) (SS.304)	160"X100"X18"	1	₹ 2,89,100.00	₹ 2,89,100.00
		PAPER COATED STAINLESS STEEL MAT FINISHED				
2	MR	SS EXHAUST HOOD WITH FILTER (L TYPE HOOD) (SS.304)	100"X40"X18"	1	₹ 1,13,280.00	₹ 1,13,280.00
		PAPER COATED STAINLESS STEEL MAT FINISHED				
3	MR	SS EXHAUST HOOD WITH FILTER (L TYPE HOOD) (SS.304)	88"X40"X18"	1	₹ 46,610.00	₹ 46,610.00
		PAPER COATED STAINLESS STEEL MAT FINISHED				
4	MR	GI DUCTING FOR EXHAUST		1	₹ 1,13,280.00	₹ 1,13,280.00
5	MR	GI DUCTING FOR FRESH AIR		1	₹ 1,23,900.00	₹ 1,23,900.00
6	MR	FRESH AIR MOTOR	3 HP	1	₹ 69,620.00	₹ 69,620.00
7	MR	FRESH AIR GRILL		15	₹ 1,475.00	₹ 22,125.00
8	MR	CANVAS CLOTH VIBRATION PAD		1	₹ 23,010.00	₹ 23,010.00
9	MR	STAND FOR EXHAUST		1	₹ 23,010.00	₹ 23,010.00
10	MR	STAND FOR FRESH AIR		1	₹ 23,010.00	₹ 23,010.00

11	MR	EXTRA HARDWARE (ROD, ANCHOR FASTENER, ANGLE, FITTING SUPPORT ETC.)		1	₹ 34,810.00	₹ 34,810.00
GAS SUPPRESSION SYSTEM						
1	MR	FIRE TUBE SUPPRESSION SYSTEM FOR ISLAND TYPE HOOD		1	₹ 7,37,500.00	₹ 7,37,500.00
2	MR	FIRE TUBE SUPPRESSION SYSTEM FOR L TYPE HOOD		1	₹ 4,66,100.00	₹ 4,66,100.00
GAS PIPELINE & ACCESSORIES						
1	MR	GASKET		1	₹ 3,95,300.00	₹ 3,95,300.00
2		14MM FOUR LINE WAVE (LPG) MANIFOLD BANK & MAIN LINE				
3		NON RETURN VALVE MARK DTL OUT OF FORGED BRASS				
4		FLEXIBLE CYLINDER PIGTAIL MADE OUT OF PTFE BRAIDED POLYMER CHEMICALLY RESISTANT TO LPG				
5		CYLINDER COMPACT ADAPTER				
6		GAS FILTER FOR OUTSIDE GAS				
7		1ST STAGE PRESSURE REGULATOR (UNITED / MARSH)				
8		VALVE FOR FILTER				
9		RUBBER FLEXIBLE HOSE PIPE				
10		SPECIAL SUPPORT / WALL CLAMP				
11		PRESSURE GAUGE (UNITED / MARSH)				
12		BALL VALVE				
13		14MM PIPELINE				
					SUB-TOTAL (A)	₹ 58,58,169.00

B. Civil & Plumbing Estimate						
Sr. No.	**DSR - 2023**	**Description of Item**	**Quantity**	**Unit**	**Rate Incl. GST**	**Amount**
1	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
	18.18.2	20 mm nominal bore	0.00	No.	521.47	0.00
	18.18.3	25 mm nominal bore	10.00	No.	523.22	5232.22
2	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	17.28.2	Flexible pipe				
	17.28.2.1	32 mm dia	10.00	No.	134.79	1347.94
3	19.19	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality				
	19.19.2	M D - 10				
	19.19.2.1	Square shape 450 mm internal dimension	5.00	No.	1563.35	7816.76
4	18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931:				
	18.49.1	15 mm nominal bore.	20.00	No.	571.42	11428.47
5	18.51	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.				
	18.51.1	15 mm nominal bore	20.00	No.	900.83	18016.52
6	18.21	Providing and fixing uplasticised PVC connection pipe with brass unions :				
	18.21.1	30 cm length				
	18.21.1.1	15 mm nominal bore	10.00	No.	95.84	958.39
	18.21.1.2	20 mm nominal bore	10.00	No.	105.48	1054.79
	18.21.2	45 cm length				
	18.21.2.1	15 mm nominal bore	10.00	No.	110.21	1102.14
	18.21.2.2	20 mm nominal bore	10.00	No.	134.23	1342.30
7	18.22	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :				
	18.22.1	100 mm diameter	10.00	No.	218.68	2186.81
	18.22.2	150 mm diameter	10.00	No.	250.70	2507.02
8	17.20	Providing and fixing solid plastic seat with lid for				

		pedestal type W.C. pan complete :				
	17.20.1	White solid plastic seat with lid	10.00	No.	772.18	7721.77
9	18.53A	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	10.00	No.	84.34	843.38
10	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. : Internal work - Exposed on wall				
	18.7.2	20 mm nominal outer dia. Pipes.	100.00	m	377.72	37771.67
	18.7.3	25 mm nominal outer dia .Pipes.	100.00	m	452.75	45275.26
	18.7.4	32 mm nominal outer dia. Pipes.	0.00	m	584.90	0.00
11	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	17.28.1	Semi rigid pipe				
	17.28.1.2	40 mm dia	20.00	No.	131.58	2631.61
12	12.41	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
		(i)Single socketed pipes.				
	12.41.1	75 mm diameter	100.00	m	280.53	28052.51
	12.41.2	110 mm diameter	100.00	m	425.52	42552.32
13	12.42	Providing and fixing on				

		wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
	12.42.5	Bend 87.5°				
	12.42.5.1	75 mm bend	1.00	Nos	119.40	119.40
	12.42.5.2	110 mm bend	1.00	Nos	169.52	169.52
14	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
	2.8.1	All kinds of soil.	5.00	Cum	293.49	1467.46
15	2.10	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :				
	2.10.1	All kinds of soil				
16	2.10.1.2	Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	10.00	Nos	397.05	3970.53
17	4.1	Providing and laying in position cement concrete of				

		specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	4.1.3	1:2:4 (1 cement : 2 coarse sand(zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	10.00	Cum	8883.11	88831.06
18	6.38	Providing and laying autoclaved aerated Concrete (AAC) blocks masonry with 100mm / 125 mm thick with Grade 1 AAC blocks of density 551 to 650 kg/cum conforming to IS:2185 (Part 3) in super structure above plinth level up to floor V level in cement mortar 1:4 (1 cement : 4 coarse sand). The rate includes providing and placing in position 2 Nos 6 mm dia M.S. bars at every third course of masonry work.	8.81	Cum	11495.50	101275.32
19	11.26	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
	11.26.1	25 mm thick.	88.09	Sqm	2196.68	193505.19
	13.4	12 mm cement plaster of mix :				
	13.4.2	1:6 (1 cement: 6 coarse sand)	147.24	Sqm	387.47	57051.03
20	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	147.24	Sqm	175.95	25906.63
21	13.85	Applying priming coats with primer of approved				

		brand and manufacture, having low VOC (Volatile Organic Compound) content.				
	13.85.3	With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre.	147.24	Sqm	83.38	12276.80
22	13.81	Distempering with 1st quality acrylic distemper (ready mixed) having VOC (Volatile Organic Compound) content less than 50 gram/ litre, of approved brand and of required shade and colour complete to give and even shade.				
	13.81.1	Old work (one or more coats)	147.24	Sqm	70.70	10409.14
23	15.23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
	15.23.1	For thickness of tiles 10 mm to 25 mm	88.09	Sqm	82.76	7290.28
24	8.31	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approvedmake, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	147.24	Sqm	1429.63	210498.63
25	15.7	Demolishing brick work manually/ by mechanical means including stacking				

		of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge..				
	15.7.4	In cement mortar	6	Cum	2322.901046	13937.41
26	18.33	Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.l. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design:				
	18.33.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	3	No.	12247.49	36742.47
27	**MR**	Providing and applying polymer cement slurry on the cleaned area. mixed with waterproofing compound , finish smooth with cement slurry mixed with approved water proofing compound, marking the finished surface with pattern as matching the old finishes etc. complete	88.09	Sq mt.	**1017.75**	89653.60
		KEMPEROL 1K WATERPROOFING MEMBRANE: Providing and apply KEMCO POX 2K PRIMER to the area.	88.09	Sq mt.	**2917.55**	257006.98

		Apply 2/3 of KEMPEROL 1K on the surface with the help of nylon roller/brush. Then roll out the KEMPEROL AP Fleece. Remove all wrinkles and then saturate completely with remaining 1/3rd of Kemperol 1K mixture. (Kemperol 1K consumption : 2.5 - 2.7 Kgs/m2, KEMCO POX 2K Primer consumption : 0.25 - 0.40 Kgs/m2)				
					SUB TOTAL (B)	**₹ 13,27,953.00**

C. ELECTRICAL ESTIMATE						
Sr. No.	**DSR No.**	**Description of Materials**	**Qty.**	**Unit**	**Rate (Rs.) (Incl. GST)**	**Amount (Rs.) (Incl. GST)**
1	CPWD DSR 2025 1.24	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
	1.24.3	15/16 A switch	18	Each	₹ 176.00	₹ 3,168.00
	1.24.5	6 pin 15/16 A socket outlet	18	Each	₹ 219.00	₹ 3,942.00
2	CPWD DSR 2025 1.57	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	6	Each	₹ 807.00	₹ 4,842.00
3	CPWD DSR 2025 2.20	Supplying and fixing 30 A, 415 V, TPN Industrial type socket outlet, with 4 pole and earth, metal enclosed plug top along with 30 A "C" curve, TPMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	15	Each	₹ 4,358.00	₹ 65,370.00
4	CPWD DSR	Supplying and fixing DP sheet steel enclosure on surface/ recess	6	Each	₹ 1,258.00	₹ 7,548.00

	2025 2.16	along with 25/32 A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required.				
5	CPWD DSR 2025 2.13	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	2.13.3	100A	1	Each	₹ 1,317.00	₹ 1,317.00
6	CPWD DSR 2025 2.4	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator).				
	2.4.2	6 way (4 + 18), Double door	2	Each	₹ 5,299.00	₹ 10,598.00
7	CPWD DSR 2025 2.10	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	2.10.1.	Single pole	30	Each	₹ 285.00	₹ 8,550.00
8	CPWD DSR 2025 2.15	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	2.15.3	63 A	4	Each	₹ 3,597.00	₹ 14,388.00
9	CPWD DSR 2025 1.27	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.				
	1.27.4	6 Module (200mmX75mm)	18	Each	₹ 462.00	₹ 8,316.00

10	CPWD DSR 2025 1.28	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
	1.28.3	6 Module	18	Each	₹ 207.00	₹ 3,726.00
11	CPWD DSR 2025 1.21	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
	1.21.2	25 mm	200	Metter	₹ 168.00	₹ 33,600.00
	1.21.3	32 mm	150	Metter	₹ 209.00	₹ 31,350.00
12	CPWD DSR 2025 4.1	Supplying and installation following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers MS/GI Suspenders i/c base of suitable size MS/GI angle, bolts & nuts, painting suspenders, fastener etc as required.				
	4.1.2	150 mm width X 50 mm depth X 1.6 mm thickness	60	Metter	₹ 686.00	₹ 41,160.00
13	CPWD DSR 2025 1.17	Supplying and drawing following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
	1.17.3	3 x 1.5 sq. mm	270	Meter	₹ 104.00	₹ 28,080.00
	1.17.12	3 x 2.5 sq. mm	450	Meter	₹ 148.00	₹ 66,600.00
	1.17.21	3 x 4 sq. mm	270	Meter	₹ 222.00	₹ 59,940.00
	1.17.30	3 x 6 sq. mm	180	Meter	₹ 326.00	₹ 58,680.00
14	PWD 2022-23 7-2-34	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 16 sq. mm. copper conductor complete erected with glands & lugs, on wall/ trusses/ pole or laid in	70	Meter	₹ 1,018.34	₹ 71,283.80

		provided trench/ pipe as per specification no. CB-LT/CU				
15	CPWD DSR 2025 8.6	LED Panel light 2x2 ft. (System lumen efficacy ≥105 85%, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range -5 0C to 40 0C, internal surge protection of 2.5 KV with Short & Open circuit protection, THD < 10% , P. F.≥0.95, IP20, CRI >80, UGR (Unified Glare Rating) < 19, Flicker free, (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with, 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K /6500°K (As per ANSI Bin), SDCM(Standard Deviation Colour Matching) 1.20 mm)				
	8.6.6	45 watt {Powder Coated CRCA Sheet Body (Thickness > 0.50 mm)}	15	Each	₹ 3,166.00	₹ 47,490.00
16	CPWD DSR 2025 1.50	Installation, Testing and Commissioning of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				
	1.50.1	Upto 450 mm sweep	4	Each	₹ 556.00	₹ 2,224.00
17	PWD CSR 2023 2-10-18	Supplying and erecting exhaust fan heavy duty 230 V A.C. 50 cycles 450 mm. 1400 RPM complete erected in position as per specification no. FG-FN/EXF	4	Each	₹ 5,916.52	₹ 23,666.08
18	CPWD DSR 2025 1.10	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR				

		PVC insulated copper conductor single core cable etc. as required.				
	1.10.1	Group A	7	Point	₹ 1,189.00	₹ 8,323.00
19	CPWD DSR 2025 5.10	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	20	Meter	₹ 1,638.00	₹ 32,760.00
20	CPWD DSR 2025 2.12	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	2.12.1	40A	5	Each	₹ 472.00	₹ 2,360.00
	2.12.2	63A	8	Each	₹ 569.00	₹ 4,552.00
21	CPWD DSR 2025 5.2	Earthing with G.I. earth pipe 4.5 Meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	2	Set	₹ 7,658.00	₹ 15,316.00
					SUB TOTAL (C)	**₹ 6,59,150.00**
					Grand Total (A+B+C)	**₹ 78,45,272.00**

	Total tender amount quoted in figure		Less/Excess	
	Total tender amount quoted in words		Less/Excess	

We hereby ready to execute the work on overall Percentage rate basis.

Total tender amount including GST quoted in figure ₹_____

Total tender amount including GST quoted in words ₹_____

Date: __/_____/_____

Contractor **Engineer In Charge**